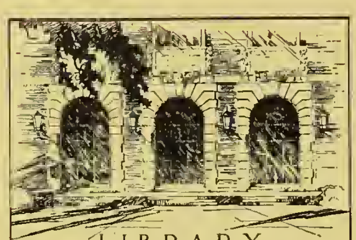

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVII Little Rock, Ark., January, 1942 No. 1

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GENERAL SUMMARY

January, 1942, was somewhat colder than average, the mean temperature of 38.1° being 3.1° below the 52 year average. The first eleven days of the month were much colder than average with daily temperatures as much as 25° to 30° below normal. During this period daily maximum temperatures were below the freezing point over much of the State. Beginning with January 12th, daily temperatures were almost continuously above normal during the remainder of the month. Considering individual stations, the highest monthly mean temperature was 45.8° at Portland, the lowest was 33.2° at Lead Hill. The highest temperature reported during the month was 83° at Arkadelphia on the 23d and 24th, the lowest was −21° at Corning and Mammoth Spring on the 8th. Practically all of the stations in the State recorded their highest and lowest temperatures on these dates. Nearly half of the stations in Arkansas recorded subzero temperatures on one or more days, some of the stations being located in the southern section of the State. Generally, the northeastern counties experienced the coldest weather.

Precipitation averaged 3.20 inches in January for the State as a whole, which is 1.17 inches below the 52 year average. The heaviest totals occurred in the northeastern section but the precipitation was quite evenly distributed over the State. About one fourth of the stations measured over four inches of precipitation and about one fifth measured less than two inches. The largest monthly amount reported from an individual station was 6.28 inches at St. Francis and the least was 0.90 inch at Warren. The greatest amount reported in 24 hours was 2.06 inches at Hot Springs on the 29th-30th. Snowfall was the heaviest in two years in Arkansas, totals ranging from inconsequential amounts in the extreme southeastern counties, to 11 inches at Subiaco. Practically all of the snow fell on two days, the 3d and 7th. The snow remained on the ground for several days in the northern half of the State, and was beneficial to vegetation, since it occurred just before the severe cold spell. Some sleet was reported during the first decade of the month. There was an average of seven days with a measurable amount of precipitation.

There were 12 clear, 6 partly cloudy and 13 cloudy days. Sunshine averaged 67% which is considerably above normal for January. Moderately strong winds occurred on the 1st, 29th and 30th, but caused no property damage.

The Black River was slightly above flood stage during the first four days of January at Black Rock but was falling the remainder of the month. The lower White was high during the first half of the month, reaching slightly above flood stage at Georgetown, Clarendon and St. Charles. However, there was no flood damage. Other streams in Arkansas were at moderate or low stages throughout January.

Seasonal farm activities were carried on during the month when weather permitted. The first half of the month was too cold for plowing because of frozen soil, but during the latter half, weather conditions were more favorable. It is thou that fruit trees survived the severe cold in good condition. Vetch, wheat, oats and other winter grains came through the month in good condition. Feed was scarce in some localities, but livestock appeared to be in generally good condition at the end of the month.

B.N.W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville..	30.20	30.76	5	29.30	30	7.6	21	sw.	17	..	..	..	[illegible]
Fort Smith..	30.21	30.70	7	29.46	30	7.7	26	se.	30	..	..	..	[illegible]
Little Rock..	30.20	30.71	10	29.46	30	8.2	27	w.	30	83	59	63	64
Memphis	30.19	30.70	10	29 45	30	8.6	34	w.	30	83	60	70	63

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog.	6	..	..		..	..	..	1	..	..		..	..	..	..		..	3	..	..	..	..	..	..	..	2	2	1	1	9	1
High winds... .	14	2	2	1	.	..	2	2	1	..	..	.	..	..	.	..	.	1	2	3	1	..	2	1	2	2	8	..	6	24	12
Hail...........	1	..	..	..	..	.	..	..	..	.	..	..	.	..	1	..	..	..	..	..	..	..	..	..		11	4	..	..	15	..
Thunderstorm .	10	1	.	..	..	..	..	1		1	.	..	..	1	.	1	1	17	..	.	..	..	1	..	1	33	10	1	14	35	1

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	41.6	71	13	5.34	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	− 5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	− 2	3.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	− 9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	− 5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	− 2	5.19	2.0	6	14	5	12
1907	49.2	82	− 8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	− 7	2.59	4.3	6	16	6	9
1911	47.6	86	− 9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	− 1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	− 3	4.38	2.3	8	10	6	15
1916	44.3	82	− 6	9.39	0.5	12	8	4	19
1917	44.0	82	− 4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	− 3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48 6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	− 6	3 19	0.4	7	15	3	13
1925	40.8	76	− 4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	− 1	5.41	0.1	10	14	3	14
1928	42 7	90	−10	2.05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.85	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	− 1	1.05	3.5	5	14	7	10
1937	41.9	80	9	12.61	0.7	17	4	3	24
1938	42.5	81	4	6.48	T.	7	14	6	11
1939	45.5	83	12	6.21	0.5	10	14	6	11
1940	28.0	74	−14	1.56	5.9	7	14	6	11
1941	43.6	76	5	3.43	0.3	9	12	7	12
1942	38.1	83	−21	3.20	4.4	7	16	7	8
Period	41.2	90	−28	4.37	1.9	8	12	6	13

Climatological Data for January, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	5	37.4	......	74	24	−5	8	2.69	......	1.61	30	5.0	5	7	13	11	e.	L. R. Water Works
Arkadelphia	Clark	200	46	39.7	......	83	23§	5	8§	4.22	−0.61	1.23	30	4.0	6	16	4	11	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	57	......	......	......	......	......	......	2.16	−2.39	1.10	1	0.0	4	15	6	10	......	George W. Reitzammer
Batesville Airway	Independence	363	5	36.2	−2.2	77	24	−10	8	4.20	......	1.39	1	5.8	7	11	10	10	nw.	Airway Observer
Batesville Livestk.	Independence	....	1	36.0	......	75	24	−10	8§	4.31	......	1.27	1	3.8	6	17	7	7	s.	Experimext Farm
Batesville River	Independence	277	42	......	......	......	......	......	......	4.88	+0.20	1.53	1	8.7	8	19	3	9	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	49	34.0	−7.0	68	25	−14	8	3.58	−0.97	1.80	30	7.5	5	22	4	5	n.	Minnie Scanlan
Benton	Saline	285	6	34.5	......	76	24	−1	8	4.18	......	1.42	31	2.9	8	20	4	7	ne.	S. A. Burks
Bentonville	Benton	1295	36	33.9	−2.3	70	23	−4	5	1.28	−1.39	0.89	30	5.7	7	11	18	2	sw.	U. S. Weather Bureau
Bethesda †	Independence	500	2	35.6	......	73	24	−18	8	2.59	......	1.16	30	5.3	5	14	13	4	w.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	11	......	......	......	......	......	......	5.11	......	1.90	1	4.0	10	14	2	15	......	C. J. Brooks
Black Rock	Lawrence	259	40	......	......	......	......	......	......	4.48	−0.13	1.66	1	2.5	8	19	3	9	......	Vernon C. Howe
Bluff City	Nevada	....	1	42.6	......	75	23	5	8	1.95	......	1.05	30	6.0	4	21	2	8	w.	Ark. Forestry Com.
Blytheville	Mississippi	252	16	35.8	−6.2	70	24	−9	8	4.93	−0.99	1.82	1	4.0	9	16	8	7	n.	Maureen K. Norris
Booneville (near)	Logan	465	27	37.4	−4.4	78	23	−9	8	3.45	−0.15	1.90	30	7.0	7	16	8	7	w.	F. H. Randolph
Boughton †	Clark	235	6	......	......	......	......	......	......	3.28	......	1.97	31	4.0	5	11	10	10	......	Ruby A. Buie
Brinkley	Monroe	205	50	38.6^{c}	−3.8	71^{c}	23§	−2	8	3.17	−2.02	1.34	30	2.5	5	20	4	7	ne.	R. J. Torry
Calico Rock	Izard	361	37	......	......	......	......	......	......	3.16	−1.31	0.87	1	6.9	8	17	4	10	......	William Jones
Camden	Ouachita	116	56	41.2^{a}	−2.8	81^{a}	23	8	8	1.92	−2.82	0.85	1	1.8	6	20	1	10	s.	J. M. Knight
Camp Robinson	Pulaski	463	1	36.8	......	73	23§	5	8§	3.83	......	1.68	1	1.5	7	16	11	4	nw.	U. S. Army
Clarendon	Monroe	172	37	......	......	......	......	......	......	4.20	−0.44	1.90	1	1.5	7	13	6	12	w.	R. M. Wheatley
Clinton †	Van Buren	516	20	......	......	......	......	......	......	4.78	+0.21	1.42	1	4.5	7	21	6	4	......	Doyle G. Love
Clover Bend	Lawrence	235	3	35.6	......	74	24	1	6	4.83	......	1.54	1	7.0	7	13	11	7	se.	Farm Security Adm.
Conway	Faulkner	309	58	38.5	−3.9	78	23	−9	8	3.64	−1.07	1.82	30	8.9	6	26	1	4	w.	E. E. Cordrey
Corning	Clay	293	48	35.8	−2.4	72	24	−21	8	3.99	−0.74	1.75	1	8.0	9	19	2	10	w.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	2.18	−1.18	0.55	31	7.0	7	18	5	8	......	O. B. McSpadden
Crossett (near)	Ashley	175	29	41.6	−4.6	77	23	7	8	1.68	−3.10	0.74	30	1.0	4	18	5	8	n.	U. S. Forest Service
Danville	Yell	327	25	......	......	......	......	......	......	4.69	+0.75	1.46	31	8.5	10	13	10	8	......	J. M. Patterson
Dardanelle	Yell	330	55	37.6	−3.8	75	24	−7	8	4.87	+1.25	1.38	31	8.5	8	8	13	10	e.	Geo. N. Goodier
DeQueen	Sevier	426	6	......	......	......	......	......	......	......	......	....	..	......	......	......	......	......	......	L. D. McCown
Des Arc	Prairie	204	3	38.6	......	72	23	−8	8	3.75	......	1.19	1	2.4	8	13	1	17	n.	Z. R. Glenn
Devils Knob †	Johnson	2350	5	35.0	......	68	24	−5	8	2.93	......	1.37	30	7.0	8	19	5	7	nw.	U. S. Forest Service
Dumas	Desha	162	36	41.4	−3.5	76	23	6	8	1.56	−3.46	0.57	1	2.0	5	14	9	7	n.	Ben Johnson
El Dorado	Union	270	41	43.8	−2.6	77	23	10	8	3.57	−1.16	1.49	4	0.5	4	17	6	8	n.	Mrs. E. W. Gaston
England	Lonoke	229	35	39.3	−4.1	74	23§	5	7	3.87	−1.03	1.85	30	2.0	5	14	10	7	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	41	36.6	−2.0	71	23	−6	8	2.65	−0.55	1.56	30	4.2	9	22	3	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	4	34.2	......	70	23	−10	5	2.34		1.33	30	5.1	8	7	14	10	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	54	34.8	−3.6	68	23	−11	5	2.15	−0.85	1.17	30	4.4	8	14	8	9	nw.	University of Arkansas
Fordyce	Dallas	280	1	41.8	......	73	23	6	8	1.88	......	0.78	30	1.5	4	20	4	7	sw.	Ark. Forestry Comm.
Fort Smith	Sebastian	448	60	37.6	−1.9	73	23	3	5	2.19	−0.35	1.76	30	4.4	6	15	10	6	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	4	......	......	......	......	......	......	1.52	......	0.60	31	4.4	6	13	11	7	......	Ft. Smith Water Plant
Fulton	Hempstead	260	56	......	......	......	......	......	......	2.58	−2.05	0.68	31	6.3	7	13	6	12	......	T. J. Logan
Georgetown	White	200	29	......	......	......	......	......	......	4.52	−0.50	1.45	1	3.0	9	19	2	10	......	C. G. Long
Gilbert	Searcy	600	16	34.0	......	76	23	−20	8	2.58	−1.23	0.74	31	6.0	8	19	2	10	......	F. E. King
Glenwood	Pike	547	6	......	......	......	......	......	......	3.65	......	1.21	1	2.8	7	16	4	11	......	Chas. A. Price
Grannis	Polk	950	22	39.6	−2.4	75	22§	−2	8	2.46	−2.34	1.20	30	4.0	6	17	7	7	nw.	W. E. McVay
Gravette	Benton	1250	44	34.5	−2.6	71	23	−6	5	1.54	−1.24	0.87	30	......	4	23	4	4	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	4	37.0	......	71	24	−4	8	3.17	......	0.95	26	5.5	6	21	2	8	nw.	U. S. Forest Service
Harrison	Boone	1052	41	35.6	−1.3	69	23	−8	5	1.48	−1.69	1.07	30	4.8	5	22	4	5	sw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	5.17	......	1.81	1	4.6	8	18	8	5	......	Lester B. Logan
Helena	Phillips	300	69	39.2	−4.0	71	23	−1	8	3.47	−1.69	1.60	1	0.5	7	13	9	9	nw.	James A. Burnett
Highland	Pike	491	22	41.6	−4.1	72	23	3	8	2.13	−2.45	1.50	29	3.5	4	18	7	6	sw.	Clyde Cooley
Hope (near) ‡‡	Hempstead	375	71	38.5	−5.1	74	23	6	8	2.76	−2.04	0.76	31	5.6	7	0	25	6	nw.	Experiment Farm
Hot Springs	Garland	600	50	......	......	......	......	3	8	3.46	−1.40	2.06	30	2.5	6	20	4	7	s.	National Park Service
Index †	Little River	275	24	......	......	......	......	......	......	2.70	−0.94	0.90	31	......	6	21	1	9	......	W. F. McDowell
Irons Fork †‡‡	Polk	1385	3	36.2	......	76	24	−6	8	3.33	......	1.42	30	6.5	8	17	5	9	sw.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	3.99	−2.17	1.94	30	......	7	13	10	8	......	U. S. Forest Service
Jonesboro	Craighead	345	46	37.5	−3.1	76	24	−6	8	5.99	+0.97	2.26	27	2.3	10	11	8	12	sw.	Benedictine Sisters
Lead Hill	Boone	650	35	33.2	−5.2	75	23	−19	8	1.85	−0.86	1.08	30	4.0	7	20	6	5	w.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	62	39.8	−1.6	73	23	6	8	2.72	−2.01	2.02	29−30	2.7	7	13	8	10	nw.	U. S. Weather Bureau
Little Rock Airport	Pulaski	257	5	38.8	......	74	23	5	8	2.79		1.88	30	2.2	7	13	8	10	w.	W. B. Airport Station
Lutherville †	Johnson	775	43	36.6	−3.7	72	23	−5	6§	4.15	+0.22	1.86	30	7.8	8	18	2	11	w.	H. G. Leuhardt
Madison	St. Francis	209	11	......	......	......	......	......	......	4.94	−1.31	1.80	1	2.0	7	5	6	20	......	J. W. Eppes
Magnolia	Columbia	315	25	45.2	−2.4	78	23	10	8	1.32	−3.24	0.95	30	3.1	4	13	12	6	n.	State Agri. School
Mammoth Spring	Fulton	600	37	34.4	−3.4	72	23	−21	8	3.36	+0.40	1.18	27	6.7	7	17	8	6	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	30	39.0	−3.5	70	23	1	8	1.88	−3.01	0.90	26	1.0	4	9	15	7	n.	Cotton Exp. Station
Marked Tree	Poinsett	229	37	35.3	−4.2	71	25	−4	8	4.32	−1.37	1.20	1	3.0	7	11	4	16	n.	Charles Walton
Mena	Polk	1207	53	39.4	−2.2	75	24	−1	8	3.99	+0.05	1.29	30	5.0	8	15	11	5	sw.	E. W. St. John
Monticello Airway	Drew	273	1	41.8	......	77	23	8	8	1.15	......	0.75	30	0.9	3	13	8	10	n.	Airway Observer
Morrilton †	Conway	315	25	35.0	−6.3	71	24	−7	8§	4.04	+0.18	1.34	31	5.5	9	9	14	8	ne.	Mrs. Nova Berry
Mountainburg	Crawford	712	4	......	......	......	......	......	......	1.71	......	1.16	30	3.7	6	17	9	5	n.	C. A. Lovell
Mountain Home †	Baxter	800	29	35.0	−3.1	74	23	−14	8	1.41	−1.92	0.80	30	6.0	6	21	0	10	w.	H. N. Haibert
Mountain Valley	Garland	788	4	......	......	......	......	......	......	3.01	......	1.71	30	4.2	4	19	3	9	n.	J. G. Scott
Mount Ida	Montgomery	702	42	38.4	−3.0	78	24	−7	8	3.22	−1.12	1.95	30	5.0	6	16	7	8	w.	G. A. Whittington
Mt. Ida CCC	Montgomery	750	2	......	......	......	......	......	......	3.22	......	1.96	30	5.2	6	18	6	7	n.	U. S. Forest Service
Mulberry (near) †	Franklin	433	3	......	......	......	......	......	......	2.33	......	1.06	30	4.7	9	16	4	11	......	Clifton Ward
Nashville	Howard	350	3	41.2	......	75	23	12	10	2.35	......	1.38	30	5.5	5	21	6	4	e.	Brice Carruth
Newport	Jackson	231	58	38.8	−1.0	74	24	3	10	5.90	+0.66	1.90	27	3.7	10	16	8	7	n.	J. D. Henderson
Oden	Montgomery	800	14	39.4	......	76	24	−4	8	2.44	−2.06	1.91	30	6.3	4	16	8	7	nw.	U. S. Forest Service
Okay	Howard	288	13	42.2	−2.6	77	25	5	8	1.99	−3.19	1.39	30	4.5	5	16	6	9	sw.	Charles R. Jackson
Osceola	Mississippi	250	41	......	......	......	......	......	......	4.44	......	1.12	27	2.5	8	17	4	10	......	G. H. Banks
Ozark	Franklin	396	46	37.2	−3.6	72	23	−6	8	3.49	+0.40	0.90	30	9.4	8	13	6	12	nw.	Orkney O. Milton
Paragould	Greene	275	18	36.2	......	66	24§	−10	8	4.94	−0.34	1.51	1	3.9	8	19	3	9	sw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	3.51	−2.81	1.03	1	4.6	8	13	7	11	......	Carroll King
Perryville	Perry	325	2	37.6	−3.1	75	24	−13	8	2.78	−1.62	1.53	30	7.6	6	7	20	4	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	54	41.4	−2.5	76	23	7	8	2.87	−2.32	1.23	1	1.0	6	14	10	7	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	3.21	−1.39	1.53	30	6.2	7	13	6	12	nw.	J. R. Huddleston
Pocahontas	Randolph	300	48	36.0	−2.9	72	24	−14	8	4.89	+0.34	1.79	1	4.9	7	17	9	5	n.	Benedictine Sisters
Portland	Ashley	122	35	45.8^{e}	−1.2	78	23	......	......	1.36	−3.33	0.58	30	0.6	5	19	7	5	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	42.2	−2.4	75	23	7	8	3.01	−1.73	1.16	31	5.8	9	19	4	8	w.	W. R. Hambright
Rogers	Benton	1300	51	34.8	−2.6	70	23	−6	8	1.54	−1.12	0.91	30	4.9	9	17	7	7	nw.	Howard Fowler
Rosebud	Faulkner	680	7	......	......	......	......	......	......	3.84	......	1.70	30	6.0	6	18	8	5	n.	G. A. Maddox
Russellville ‡‡	Pope	526	29	38.0	−1.6	74	23	−10	8	5.09	+1.64	1.88	30	5.8	8	17	10	4	w.	U. S. Forest Service
St. Charles	Arkansas	175	8	39.0	......	72	23	4	8	3.44	......	1.55	1	3.2	6	10	9	12	n.	U. S. Biological Survey
St. Francis	Clay	290	14	......	......	......	......	......	......	6.28	−0.14	1.52	1	8.0	10	18	0	13	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	38.2	−2.6	72	24	−11	8	4.36	−0.43	1.63	1	5.2	9	22	2	7	nw.	Walter A. Smith
Sheridan	Grant	....	1	40.0	......	75	23	1	8	4.18	......	1.95	30	3.8	5	12	13	6	sw.	Ark. Forestry Comm.
Siloam Springs	Benton	....	1	......	......	......	......	......	......	......	......	....	......	......	......	......	......	......	......	Frank A. Treadwell
Springbank †	Miller	240	32	......	......	......	......	......	......	2.47	−1.54	1.13	31	1.7	5	13	3	15	......	Henry Field
Story	Montgomery	650	17	......	......	......	......	......	......	2.30	−1.72	1.74	30	5.0	4	19	6	6	n.	S. C. Story
Stuttgart	Arkansas	214	54	39.2	−3.8	72	23	4	8	3.71	−1.33	1.85	1	3.0	6	22	2	7	n.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	6	37.8	......	72	23	4	8	3.46	......	1.37	1	3.0	6	......	......	......	......	Rice Experiment Sta

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Climatological Data for January, 1942 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	43	34.8[a]	-3.3	77[a]	25	-5	8	3.60	-0.01	1.70	30	11.0	7	18	4	9	w.	New Subiaco Abbey
Texarkana	Miller	332	57	43.2	-3.1	79	23	8	8	2.35	-1.73	1.25	30	6.0	3	20	2	9	n.	H. S. Brashear
Turnpike†	Pope	2240	17	36.4		69	24	-5	8	2.92	-1.64	1.41	30	4.0	8	21	2	8	nw.	U. S. Forest Service
Wabash	Phillips	179	2	39.0		79	25	5	10	3.00		1.10	1	0.3	6	13	4	14	n.	Farm Security Adm.
Waldron	Scott	675	22	36.5[a]		76[a]	23	1[b]	10	2.84	-0.99	1.28	30	7.6	5	11	12	8	nw.	Wilson Ferguson
Warren	Bradley	206	47	42.5	-2.9	76	23	9	8	0.90	-3.92	0.50	30	1.5	3	15	4	12	sw.	C. N. Turner
Whitecliffs	Little River	290	35							3.10	-0.80	1.30	30	4.0	4	18	0	13		L. M. Snead
White Rock†	Franklin	2285	5	35.8		70	24	-5	8	2.07		1.16	30	7.3	7	17	5	9	nw.	U. S. Forest Service
Wilson	Mississippi	237	16	35.8	-5.9	67	23§	-12	8§	3.84	-1.83	1.30	1	3.5	7	17	2	12	n.	D. O. Anderson
Wright	Jefferson	234	2	38.0		73	23	4	8	2.62		1.44	30	3.1	5	18	6	7	nw.	Farm Security Adm.
Wynne	Cross	167	33	38.4	-2.6	72	24	-8	8	3.55	-1.61	1.05	1	1.5	6	17	7	7	n.	B. M. Eddins
State Means				38.1	-3.1	83	23§	-21	8	3.20	-1.17	2.06	30	4.4	7	16	7	8	n.	

Daily Precipitation for January, 1942

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	.12			.32				.12										.11	.23											1.40	.21	2.51
Alum Fork Reser.	Ouachita	.80		.15				.06											T								.07				1.61		2.69
Arkadelphia[2]	Ouachita	1.07			.65				.03											T.								.02			1.23	1.22	4.22
Arkansas City[2]	Mississippi	1.10			.10															.20											T.	.76	2.16
Batesville Air'y.[1]†	White	1.39		.08				.07											.32								.84	.20		T.	1.30		4.20
Batesville Livestk.	White	1.27			.18				.15											.25								1.26			1.20		4.31
Batesville River[2]	White	1.53			.20			.17	.15											.30								1.20			.43	.90	4.88
Beaty Lake(near)	St. Francis	1.69		.10				.01											.52								T.	1.01			.96	.19	4.48
Bee Branch	Arkansas			.20				.18											.45								.95				1.80		3.58
Beech Grove(near)	White	1.51		.21				.13											.61								.02	1.21			1.23		4.92
Beedeville[2]	White	1.60	.32		.07			.03	.09											.41								.89			.56	1.00	4.97
Benton[2]	Saline	1.39			.16		T		.02							.03				.16								.13			.87	1.42	4.18
Bentonville[1]‡	Arkansas	.02		.03	.03			.02											.06								.23				.89		1.28
Bethesda	White			.07				.10																			.96	.30			1.16		2.59
Big Lake Outlet[2]	St. Francis	1.90	.45		.12			.03	.04											.48								.85	.03		.40	.81	5.11
Black Rock[2]	White	1.66			.06			.06	.03											.36								1.10	T.		.43	.78	4.48
Blue Mountain[2]	Arkansas				.30			.20												.40								.20			1.20	.60	2.90
Bluff City (near)	Ouachita	.42			.30			.18																							1.05		1.95
Blytheville[2]	St. Francis	1.82	.80		.18			T.	.09										T.	.61								.49	.30		.13	.51	4.93
Booneville (near)	Arkansas	.54		.36	T			.18											.32								.08	.07			1.90		3.45
Booneville[2]	Arkansas	.54			.42	T.		.18	T.							T.			.20	.31								.43			1.50	.47	4.05
Boughton[2]	Ouachita	.66		T.	.50			T.	.05																			.10				1.97	3.28
Brinkley	White	1.16		.20															.33								.14				1.34		3.17
Calico Rock[2]	White	.87			.19			.15	.02											.16								.82			.38	.57	3.16
Camden	Ouachita	.85			.18															.01								.06			.06	.76	1.92
Camp Chaffee	Arkansas	.12	T.	.25	T.			.18																			.03				1.46		2.04
Camp Marion[2]	Arkansas	1.07	.57		.13			T	.05											.12											.20	2.00	4.14
Camp Robinson[2]	Arkansas	1.68			.05	T		.04	.02							T.				.27								T.			.60	1.17	3.83
Carlisle[2]	Arkansas	1.30	.18		.09				.10											.23								.33			1.19	1.01	4.43
Clarendon[2]	White	1.90	.02		.06															.38								.75			.35	.74	4.20
Clinton	White	1.42		.48				.20									.51										.21	.63			1.33		4.78
Clover Bend	White	1.54		.12				.11												.49							.03	1.10			1.44		4.83
Cold Springs	Ouachita				.41			.20											.71								.04				1.79		3.15
Conway	Arkansas	.65		.33				.45											.33								.06				1.82		3.64
Corley[2] (near)	Arkansas	.54			.47			*	.37											.28								.60			*	1.70	3.96
Corning[2]	White	1.75	.02		.19			.07	.08											.29									.78	T.	.31	.50	3.99
Cotter[2]	White	.45			.40			.15	.12										T.									.16			.35	.55	2.18
Crossett [near]	Ouachita	.41		.46	T.														.07												.74		1.68
Danville[2]	Arkansas	1.24	T		.37	.01		.27	.04							.04			.09	.38								.26			.53	1.46	4.69
Dardanelle[2]	Arkansas	1.23			.38			.20	.05											.63								.24			.76	1.38	4.87
Denmark[2]	White	1.59	T.		.05			.12	.05											.60								2.25			.37	1.03	6.06
De Queen	Red																																
Dermott[2]	Mississippi	1.40		.09																.12												.68	2.29
Des Arc[2]	White	1.19	.15		.09				.06											.22								.17	T.		1.01	.86	3.75
Devils Knob	Arkansas	.35	T.	.35				.22											.42								.14	.06			1.37	.02	2.93
Dumas	Mississippi	.57		.15															.23								T	.06			.55		1.56
Eagle Gap[2]	Arkansas	T.			.31	.02	.06	.02		T.					T.					.62								.03				1.56	2.62
El Dorado[2]	Ouachita	1.26			1.49				T.											.10												.72	3.57
Eleven Point[2]	White	2.01		.12				.02											.33								.31	1.08			1.12		4.99
England	Arkansas	1.05	.12				T							T					.30									.55			1.85		3.87
Eureka Springs	White	.13		.20	.05			.05											.13								.14	.34			1.56	.05	2.65
Evening Shade[2]	White	1.86			.24			.10	.03											.55								1.37			.34	.70	5.19
Fayetteville	White	.05	T.	.25	.02	T.		.01										T	.05								T.	.57			1.33	.06	2.34
Fayetteville Exp. S	White	.03	T.	.24	.03	T		.04										T.	.11								T.	.50			1.17	.03	2.15
Fordyce	Arkansas	.77		.22				T.											.11									T.			.78		1.88
Forrester[2]	Arkansas	.50			.50			.12	T.						T.				.35	.30							T.				1.10	.40	3.27
Fort Smith[1]‡	Arkansas	.04	T	.24	.03	T.		.08									T.		.04								T.	T.			1.76		2.19
Fort Smith W.[2]	Arkansas		T.		.24	.02	.04	T.											T.									.06			.56	.60	1.52
Fulton[2]	Red	.66		.25	.20		T	.13	.05							T.												T			.61	.68	2.58
Georgetown[2]	White	1.45	.30		.15			.10	.10											.45								.32			.75	.90	4.52
Gilbert[2]	White	.68			.32			.10	.03										.07									.40			.24	.74	2.58
Glenwood[2]	Ouachita	1.21			.32			T											.16	.10								.11			.63	1.12	3.65
Grannis	Red	.56		.35	T.	T.		.12							T				.20								.03				1.20		2.46
Gravelly[2]	Arkansas	.55			.52		.41	T.											*	.63											*	1.30	3.41
Gravette	Arkansas	.31		T.	T.			T.											.09								.27				.87		1.54
Green Forest[2]	White	T.	T.	.20	.08			T.											.02								.09	.07			1.36		1.82
Green Mountain	White	.79		.18		T.		.10											.22								.95				.93	T.	3.17
Greenwood[2]	Arkansas				.32		.10												.15									.25			1.45	.47	2.74
Harrisburg[2]	St. Francis	1.61	.12		.07		T		.10											.42											2.07	.14	4.53
Harrison	White	T.		.20				.05																			.08				1.07	.08	1.48
Heber Springs[2]	White	1.81			.12			.16	.04											.50								1.12			.42	1.00	5.17
Helena	Mississippi	1.60			.10				T											.28								.65	.03		.06	.75	3.47
Henderson[2]	White	.43			.34			.08	.03										.05	.02								.30			.32	.38	1.95
Highland	Ouachita	.33		.25				.05																						1.50			2.13
Hon[2] (near)	Arkansas			.40				.20											.39												1.28		2.27
Hope[2]	Red	.59	.25	.10			.16	.35												T.											.55	.76	2.76
Hot Springs	Ouachita	1.10		.14				.03							T.				.12								.01				2.06		3.46
Huttig[2](near)	Ouachita	.62			T.															.14											.03	.72	1.51
Index[2]	Red	.40		.30	.15		T		.50																						.45	.90	2.70
Irons Fork[2]	Ouachita	.64		.29	.13			.11								T.			.36	.22											1.42	.16	3.33
Jessieville	Ouachita	.60		.60				.35							.08				.30								.12				1.94		3.99
Jonesboro[2]	White	1.22	.24		.08			.01	.05											.51								2.26	.05		.46	1.11	5.99

Daily Precipitation for January, 1942 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
LaCrosse[2]	White	1.37	....	....	.25	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	.67	....	....	....	....	....	....	....	1.05	....	....	.39	.60	4.53
Lake City[2]	St. Francis	2.25	.12	....	.08	....	....	....	.09	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	....	....	....	1.10	.07	.82	.05	.53	5.61
Lead Hill	White	.05	....	.30	T	....	....	.03	....	....	....	....	....	....	....	....	....	....	.01	....	....	....	....	....	....	....	.33	....	....	....	1.08	.05	1.85
Little Rock[1‡]	Arkansas	.46	....	.07	T.	....	....	.02	....	....	....	....	....	....	T.	....	....	....	.11	....	....	....	....	....	....	....	.04	T.	....	.01	2.01	....	2.72
LittleRock Air'y[1‡]	Arkansas	.55	....	.19	T.	....	....	.02	....	....	....	....	....	....	T.	....	....	....	.08	....	....	....	....	....	....	....	.04	T	....	.03	1.88	....	2.79
Lutherville	Arkansas	....	.85	.43	....	....	....	.11	....	....	....	....	....	....	....	....	....	....	.46	....	....	....	....	....	....	....	.16	.20	....	....	1.86	.08	4.15
Madison[2]	St. Francis	1.80	....	....	.20	....	....	....	.05	....	....	....	....	....	....	....	....	....	....	.55	....	....	....	....	....	....	....	1.35	....	....	.42	.57	4.94
Magnolia	Red	....	....	....	T.	....	....	.16	....	.15	....	....	....	....	....	....	....	....	.06	....	....	....	....	....	....	....	....	....	....	....	.95	....	1.32
Mammoth Spg[2]	White	1.01	....	....	.35	....	....	T.	.09	....	....	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	1.18	....	....	.47	.56	3.86
Marianna	St. Francis	....	....	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	....	....	....	....	....	....	....	.90	....	....	....	.60	....	1.88
Marked Tree[2]	St. Francis	1.20	....	....	.15	....	....	.02	....	....	....	....	....	....	....	....	....	....	....	.75	....	....	....	....	....	....	....	.85	....	....	.66	.69	4.32
Marshall[2]	White	1 21	....	....	.23	....	....	.17	.03	....	....	....	....	....	....	....	....	....	....	.18	....	....	....	....	....	....	....	.41	....	....	.31	.72	3.26
Marvell[2]	White	2.15	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.74	....	....	....	....	....	....	....	1.04	....	....	1.30	.72	6.05
Mena[2]	Ouachita	1.17	T.	.05	.32	T.	....	.10	T	....	....	....	....	....	....	T.	....	....	.40	.31	....	....	....	....	....	....	....	T.	....	....	1.29	.35	3.99
Mena CCC	Red	1.61	....	.62	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	.01	....	....	....	....	....	....	....	....	....	....	....	1.30	....	3.84
Monticello Air[1‡]	Ouachita	T.	....	.14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.26	....	....	....	....	....	....	....	T.	....	....	....	.75	....	1.15
Morobay[2] (near)	Ouachita	1.40	....	....	.14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	.90	2.47
Morrilton[2]	Arkansas	.72	....	....	.30	T.	....	.25	.10	....	....	....	....	....	....	....	....	....	.05	.35	....	....	....	....	....	....	....	.35	....	....	.58	1.34	4.04
Mountainburg	Arkansas	.17	....	.22	.04	....	....	....	....	....	....	....	....	....	....	....	....	....	.01	....	....	....	....	....	....	....	....	.11	....	....	1.16	T.	1.71
Mountain Home	White	....	....	.21	....	....	....	.05	....	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	.20	....	....	....	.80	.05	1.41
Mountain Valley	Ouachita	1.01	....	.26	....	T.	....	.03	....	....	....	....	....	....	T.	....	....	....	T	....	....	....	....	....	....	....	T.	....	....	....	1.71	....	3 01
Mtn. View[2](near)	White	1.35	....	....	.28	....	....	.18	....	....	....	....	....	....	....	....	....	....	....	43	....	....	....	....	....	....	....	1.78	....	....	.43	.61	5.06
Mount Ida	Ouachita	.79	....	.29	T.	....	....	.09	....	....	....	....	....	....	T.	....	....	....	.08	....	....	....	....	....	....	....	.02	....	....	....	1 95	....	3.22
Mount Ida CCC	Ouachita	.86	....	.23	....	....	....	....	.04	....	....	....	....	....	....	....	....	....	.08	....	....	....	....	....	....	....	.05	....	....	....	1.96	....	3.22
Mulberry[2]	Arkansas	.16	....	....	.28	.02	....	.12	.03	....	....	....	....	....	....	....	....	....	.37	....	....	....	....	....	....	....	....	.05	....	....	1.06	.24	2.33
Nashville	Red	.54	....	.31	....	....	....	.04	....	....	....	....	....	....	....	....	....	....	.08	....	....	....	....	....	....	....	....	....	....	....	1 38	....	2.35
Newhope(near)[2]	Ouachita	.62	....	....	.87	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	2.00	3.59
Newport[2]	White	1.55	.08	....	.07	....	....	.07	.09	....	....	....	....	....	....	....	....	....	....	.66	....	....	....	....	....	....	....	1.90	.02	....	.40	1.06	5.90
Odell (near)[2]	Arkansas	.05	....	....	.25	.04	....	....	....	....	....	....	....	....	....	....	....	....	.08	....	....	....	....	....	....	....	....	.10	....	....	.64	.44	1.60
Oden[1]	Ouachita	....	....	.27	....	....	....	.12	....	....	....	....	....	....	....	....	....	....	.14	....	....	....	....	....	....	....	....	....	....	....	1.91	....	2.44
Okay	Red	.22	....	.25	....	....	....	.12	....	....	....	....	....	....	....	....	....	....	.01	....	....	....	....	....	....	....	....	....	....	....	1.39	....	1.99
Osceola[2]	Mississippi	1.02	.14	....	.18	....	....	T	.02	....	....	....	....	....	....	....	....	....	....	.72	....	....	....	....	....	....	....	1.12	T.	....	.58	.66	4.44
Ozark[2]	Arkansas	....	T.	T.	.29	T.	....	.41	.22	....	....	....	....	....	....	....	....	....	.24	.35	....	....	....	....	....	....	....	.44	....	....	.90	.64	3.49
Paragould	St. Francis	1.51	....	.13	....	....	....	.08	....	....	....	....	....	....	....	....	....	....	.38	....	....	....	....	....	....	....	.02	1.35	....	....	1.40	.07	4.94
Parkin[2]	St. Francis	1.03	....	....	.19	....	....	.02	.16	....	....	....	....	....	....	....	....	....	....	.29	....	....	....	....	....	....	....	.81	T	....	.50	.51	3 51
Perryville	Arkansas	.52	....	.26	....	....	....	.22	....	....	....	....	....	....	....	....	....	....	.22	....	....	....	....	....	....	....	T.	.03	....	....	1.53	....	2.78
Pine Bluff[2]	Arkansas	1.23	....	....	.09	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	.13	....	....	....	....	....	....	....	.57	....	....	.16	.69	2.87
Pine Ridge[2]	Ouachita	.71	....	....	.35	....	....	.09	.02	....	....	....	....	....	....	....	....	....	.13	....	....	....	....	....	....	....	....	T.	....	....	1.53	.38	3.21
Pocahontas	White	1.79	....	.11	....	....	....	.08	....	....	....	....	....	....	....	....	....	....	.29	....	....	....	....	....	....	....	.17	1.39	....	....	1.06	....	4.89
Portland[2]	Ouachita	.47	....	....	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.21	....	....	....	....	....	....	....	....	.05	....	....	.58	1.36
Pottsville[2](near)	Arkansas	1.16	....	....	.29	....	....	....	.18	....	....	....	....	....	....	....	....	....	....	.61	....	....	....	....	....	....	....	.30	....	....	....	1.88	4.42
Prescott[2]	Ouachita	.54	....	.21	.26	....	T.	.06	.03	....	....	....	....	....	....	....	....	....	....	.08	....	....	....	....	....	....	....	.01	....	....	.66	1.16	3.01
Rogers (near)	White	.11	....	.13	.05	....	....	.02	....	....	....	....	....	....	....	....	T.	....	.08	....	....	....	....	....	....	....	.17	.05	....	....	.91	.02	1.54
Rosebud	Arkansas	....	....	.19	....	....	....	.39	....	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	....	....	....	.17	.69	....	....	1.70	....	3.84
Russellville	Arkansas	1.36	....	.49	....	....	....	24	....	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	....	....	....	.05	.34	....	....	1.88	.03	5.09
St. Charles[2]	White	1.55	....	....	.28	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	.26	....	....	....	....	....	....	....	.60	....	....	.13	.62	3.44
St. Francis[2]	St. Francis	1.52	.21	....	.46	....	....	.11	.82	....	....	....	....	....	....	....	....	....	....	.53	....	....	....	....	....	....	....	1.10	.21	....	.32	1.00	6 28
St. Paul[2](near)	White	T.	....	....	.40	....	....	.04	....	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	.25	1 00	....	1 79
Searcy[2]	White	1.63	.07	....	.07	....	....	.06	.10	....	....	....	....	....	....	....	....	....	....	.27	....	....	....	....	....	....	....	.66	....	....	.36	1.14	4.36
Sheridan	Ouachita	1.55	....	.25	....	....	....	T.	....	....	....	....	....	....	T.	....	....	....	.15	....	....	....	....	....	....	....	....	.28	....	....	1.95	....	4.18
Shirley[2](near)	White	1.57	....	....	.17	....	....	.13	.05	....	....	....	....	....	....	....	....	....	....	.45	....	....	....	....	....	....	....	.95	....	....	.53	.94	4.79
Siloam Springs	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sparkman[2] (near)	Ouachita	1.76	....	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	....	....	T.	....	....	....	1.25	3.36
Springbank[2]	Red	.74	....	.40	T.	....	....	.10	....	....	....	....	....	....	....	....	....	....	T	.10	....	....	....	....	....	....	....	....	....	....	T.	1.13	2.47
Stamps[2](near)	Red	....	....	.18	....	....	....	.08	....	....	....	....	....	....	....	....	....	....	.13	....	....	....	....	....	....	....	....	....	....	....	.98	....	1.37
Stephens[2] (near)	Ouachita	.93	....	....	.31	....	....	....	.04	....	....	....	....	....	....	....	....	....	....	.04	....	....	....	....	....	....	....	....	....	....	....	.91	2.23
Story[2]	Ouachita	....	....	....	.03	....	....	....	.11	....	....	....	....	....	....	....	....	....	.42	....	....	....	....	....	....	....	....	....	....	....	1.74	....	2.30
Stuttgart[2]	Arkansas	1.85	....	....	.15	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	.12	....	....	....	....	....	....	....	.65	....	....	.34	.60	3.71
Stuttgart Evap.[2]	Arkansas	1.37	....	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.07	....	....	....	....	....	....	....	1.28	....	....	.21	.38	3.46
Subiaco	Arkansas	.72	....	.35	T.	T.	....	.22	....	....	....	....	....	....	....	....	....	....	.37	....	....	....	....	....	....	....	.02	.22	....	....	1.70	....	3.60
Sugar Grove[2]	Arkansas	.82	....	....	.40	....	....	.20	....	....	....	....	....	....	....	.04	....	....	....	.50	....	....	....	....	....	....	....	.22	....	....	1.20	.60	3.98
Texarkana[2]	Red	....	....	.80	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.25	....	2.35
Tichnor[2]	White	2.28	....	....	.13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.21	....	....	....	....	....	....	....	.14	....	....	.03	.70	3.49
Turnpike	Arkansas	....	....	.30	.01	....	....	.19	....	....	....	....	....	....	....	....	....	....	.47	....	....	....	....	....	....	....	.15	.10	....	....	1.41	.29	2.92
Viola	White	.70	.75	....	.70	....	....	.35	....	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	....	....	.62	....	....	....	.88	4.15
Wabash	Mississippi	1.10	....	.02	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	55	....	....	....	....	....	....	....	....	.50	....	....	61	.22	3.00
Waldron	Arkansas	.57	....	.40	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	.39	....	....	....	....	....	....	....	....	....	....	....	1.28	....	2.84
Walnut Grove(nr)	White	1.70	....	....	.20	....	....	.15	....	....	....	....	....	....	....	....	....	....	.54	....	....	....	....	....	....	....	.13	.92	....	....	1.33	....	4.97
Warren	Ouachita	....	....	.35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	....	....	....	T.	....	....	.50	....	0.90
Whitecliffs[2]	Red	1.20	....	.50	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.30	....	3.10
White Rock	Arkansas	.28	T.	.40	.04	....	....	.04	....	....	....	....	....	....	....	....	....	....	.03	....	....	....	....	....	....	....	....	.12	....	....	1.16	T	2.07
Wilson[2]	Mississippi	1.30	....	.15	.13	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	.11	....	....	....	....	....	....	....	1.10	....	....	.95	....	3.84
Wright	Arkansas	65	....	.05	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	.12	....	....	....	....	....	....	....	....	.36	....	....	1 44	....	2 62
Wynne[2]	St. Francis	1.05	....	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.33	....	....	....	....	....	....	.62	....	....	....	.60	.80	3.55

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for January, 1942

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Hope, §§ Exp. Farm	Evap.	.020	....	....	....	....	....	....	....	....	....	....	....	....	.108	.098	.086	.064	.106	.058	.083	.109	.020	.240	.060	.236	.118	.104	.078	.082	.102	.110	1.882
	Mean tem.	48	33	24	26	22	20	20	17	19	22	32	42	44	45	44	46	48	48	47	46	44	50	52	50	48	48	50	42	39	42	38	38.5
	Wind move	78	100	94	60	78	40	31	66	16	51	44	27	67	10	56	17	23	49	58	41	43	78	37	65	61	31	120	78	41	33	168	1761
Irons Fork... §§ Exp. Forest	Evap.	.041	•															•	.056	.043	.035	.006	.066	.051	.087	.067	.055	.029	.054	.046	.060	.017	0.713
	Mean tem.	38	15	18	27	18	14	14	10	14	20	34	40	44	42	39	43	44	50	44	42	42	48	50	55	50	50	50	46	46	46	36	36.2
	Wind move	12	3	....	....	2	....	2	5	11	18	12	3	1	8	9	5	8	28	17	11	8	32	7	2	9	12	41	18	21	39	42	386
Russellville.... Ozark Nursery.	Evap.	.142	•													•	1.116	.082	....	.138	.040	.070	.076	.062	.090	.086	.076	.090	.086	.052	....	.124	2.330
	Mean tem.	36	26	28	26	16	20	24	6	20	15	26	36	48	46	40	50	48	52	46	45	43	51	50	52	50	54	55	45	44	52	42	38.0
	Wind move	106	100	8	51	3	12	24	43	18	15	14	20	3	7	17	44	5	33	119	32	3	12	2	17	23	18	72	36	17	73	89	996
Stuttgart, ...§§ Rice Exp.Farm	Evap.	....	•															•	.363	•	.043	•	•	•	.214	.081	.079	.029	.081	•	.083	.075	1.048
	Mean tem.	53	24	26	28	20	21	22	13	18	16	28	41	44	44	40	42	46	47	46	42	44	46	50	52	52	50	48	42	44	46	40	37,8
	Wind move	130	170	48	86	73	34	21	75	34	60	53	38	28	11	18	19	45	64	87	30	22	41	18	48	32	22	113	105	47	68	247	1847

Daily Temperatures for January, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	56	27	25	28	24	30	25	22	29	29	53	64	60	60	56	58	63	55	57	54	55	65	72	74	65	63	55	54	51	55	42	49.2
	Minimum	22	12	20	19	4	4	4	-5	10	5	11	29	38	39	25	25	31	45	32	38	34	40	28	42	38	37	45	28	26	41	31	25.7
Arkadelphia §§	Maximum	57	31	33	32	30	30	29	28	34	39	51	61	65	58	62	62	69	63	65	64	67	79	83	74	83	83	83	56	59	60	40	55.8
	Minimum	44	15	18	22	12	10	11	5	5	11	13	23	23	25	32	22	25	31	29	29	24	25	27	27	31	35	33	34	28	30	33	23.6
Batesville ***	Maximum	51	31	29	26	28	33	24	18	32	25	48	61	59	60	60	61	64	64	56	54	60	63	72	77	72	52	62	52	55	52	41	49.7
	Minimum	18	13	20	12	6	2	0	-10	9	-1	19	27	27	32	26	22	28	39	30	30	31	30	27	41	39	37	36	30	25	35	27	22.8
Bee Branch	Maximum	47	25	25	23	29	24	24	16	27	27	44	53	57	55	54	56	59	58	55	55	57	63	66	67	68	64	55	54	50	48	46	46.8
	Minimum	30	10	18	12	0	-2	15	-14	0	-7	4	19	24	30	20	22	27	42	25	29	28	32	26	34	35	36	43	27	22	40	29	21.2
Benton §§	Maximum	55	29	27	21	10	26	27	23	34	30	29	63	31	59	61	60	60	61	62	61	55	70	74	76	74	62	63	59	56	58	56	49.4
	Minimum	34	16	17	19	8	4	3	-1	0	6	5	6	25	24	21	22	20	26	26	26	22	22	25	25	32	29	34	29	24	23	35	19.6
Bentonville ***	Maximum	28	19	22	12	22	24	19	23	30	28	50	56	60	53	52	60	60	54	53	50	53	60	70	65	65	60	54	55	52	50	28	44.7
	Minimum	7	5	8	-1	-4	7	-1	-2	7	2	22	35	30	32	27	28	44	34	29	30	28	36	35	44	39	44	35	28	36	29	23	23.1
Blytheville	Maximum	60	42	29	24	21	30	27	16	26	18	40	48	55	57	52	56	63	52	51	52	55	55	63	70	68	58	52	48	51	54	48	46.5
	Minimum	30	18	23	14	6	3	2	-9	11	-4	10	29	28	32	26	28	30	42	33	32	30	34	33	44	39	37	35	35	29	44	30	25.0
Bluff City	Maximum	62	37	33	32	30	30	29	30	31	34	50	62	64	64	57	62	67	70	62	61	61	71	75	72	73	72	70	64	59	64	52	54.8
	Minimum	35	18	24	23	16	11	23	5	11	13	20	36	32	41	31	30	37	48	29	34	29	40	32	50	36	45	49	35	29	48	34	30.5
Booneville	Maximum	48	28	31	30	24	29	26	21	33	30	50	57	62	59	54	62	65	60	59	56	58	67	78	72	69	67	58	58	62	61	46	51.0
	Minimum	21	10	19	20	-1	-2	19	-9	10	-2	7	22	24	36	23	22	39	46	28	33	23	30	25	41	35	42	41	32	33	42	32	23.9
Brinkley	Maximum	61	38	38	31	27	31	30	29	28	27	47	60	62	59	55	..	..	..	..	..	66	62	71	71	71	66	60	55	55	59	50	50.3
	Minimum	31	14	11	28	14	11	10	-2	10	5	17	28	30	31	25	23	26	45	30	30	29	36	27	50	38	40	48	34	28	46	37	26.8
Camden	Maximum	58	41	33	32	31	30	30	29	31	31	53	56	62	..	60	63	68	65	63	62	64	73	81	75	70	73	79	62	60	67	52	55.1
	Minimum	39	17	24	24	16	12	24	8	16	13	14	26	24	31	26	22	27	45	30	30	24	37	26	36	29	33	50	34	25	46	34	27.2
Camp Robinson	Maximum	45	32	28	28	23	28	20	19	29	23	46	61	57	57	57	58	64	59	63	55	58	57	73	73	68	59	61	50	53	52	46	48.5
	Minimum	37	18	18	23	10	6	23	5	7	5	8	24	25	32	21	27	28	37	33	31	30	39	19	33	35	39	48	32	25	25	35	25.1
Clover Bend	Maximum	59	46	26	23	21	34	36	21	31	36	36	41	51	59	58	60	59	61	54	59	59	61	62	74	68	61	59	59	56	54	58	49.7
	Minimum	34	11	16	12	5	1	10	17	10	10	10	10	21	26	20	24	25	26	28	29	31	32	25	32	31	31	24	31	28	30	31	21.6
Conway	Maximum	49	28	30	30	28	30	26	19	30	28	50	57	61	60	58	60	66	59	62	60	61	68	78	77	72	57	65	58	58	53	49	51.2
	Minimum	26	17	24	21	5	5	16	-9	8	0	8	23	25	31	26	24	31	42	31	31	28	33	27	40	47	40	48	30	27	46	35	25.4
Corning	Maximum	51	31	28	25	25	32	25	12	30	25	43	59	54	59	55	58	63	53	55	56	60	59	68	72	62	69	65	53	47	55	53	48.5
	Minimum	45	13	21	8	2	0	1	-21	7	-11	10	26	25	27	24	23	27	42	30	29	26	32	26	45	43	40	33	43	31	40	29	23.1
Crossett	Maximum	65	45	34	32	34	36	34	29	33	33	56	65	67	65	60	65	68	63	59	64	62	73	77	75	74	71	68	57	60	65	67	56.6
	Minimum	42	18	28	26	19	13	26	7	14	12	13	26	25	31	27	22	26	40	28	25	22	26	25	35	33	32	44	35	23	44	35	26.5
Dardanelle	Maximum	49	27	32	31	25	29	28	20	32	29	44	52	55	59	55	58	64	61	60	57	60	68	70	75	70	63	61	57	63	55	47	50.2
	Minimum	22	13	22	21	4	1	18	-7	12	1	6	21	24	32	25	24	33	44	30	32	25	37	28	40	37	41	49	33	32	45	33	25.1
De Queen	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Des Arc	Maximum	60	30	30	28	26	30	30	19	29	28	48	60	61	60	57	60	65	62	57	57	59	65	72	71	70	68	61	57	57	60	52	51.3
	Minimum	27	18	24	21	12	12	15	-8	11	3	15	28	26	30	24	23	25	46	30	29	28	32	28	45	37	39	45	32	28	45	34	25.9
Devils Knob	Maximum	49	22	24	18	22	26	22	17	26	24	47	55	51	52	52	50	56	54	52	50	53	62	66	68	63	59	51	52	48	50	41	44.6
	Minimum	13	3	15	7	0	9	6	-5	5	-3	13	34	37	41	31	31	38	44	27	32	35	38	45	50	45	46	41	25	28	40	21	25.5
Dumas	Maximum	65	40	31	34	30	32	30	27	31	29	54	65	65	62	57	75	67	64	57	58	67	66	76	73	73	65	63	54	59	64	51	54.3
	Minimum	38	20	27	24	16	13	20	6	15	10	18	31	27	35	27	27	28	43	31	31	29	36	30	42	35	37	48	32	26	44	35	28.4
El Dorado	Maximum	62	38	31	32	31	33	31	30	32	34	55	63	66	65	62	63	65	68	60	63	63	72	77	75	76	75	70	55	60	62	52	55.5
	Minimum	37	19	27	26	20	17	26	10	19	21	22	32	44	43	35	30	35	37	32	36	32	37	35	44	42	39	49	36	30	46	36	32.1
England	Maximum	60	33	30	28	30	30	23	30	28	50	58	50	61	45	45	50	65	52	56	57	62	63	74	74	73	64	61	61	57	60	50	51.0
	Minimum	33	25	22	14	11	21	5	9	9	19	30	20	33	27	32	24	28	41	29	32	29	33	29	40	36	39	47	31	27	45	36	27.6
Eureka Springs	Maximum	53	23	25	21	26	30	28	21	32	30	49	59	63	57	54	61	63	57	59	55	58	66	71	70	68	66	52	55	60	51	33	48.9
	Minimum	12	3	17	3	-5	9	7	-6	12	-2	21	37	28	37	28	32	43	41	26	28	29	32	40	34	47	46	39	28	34	32	24	24.4
Fayetteville	Maximum	54	21	23	23	18	26	25	18	26	26	44	49	53	52	49	54	57	57	51	52	49	59	70	69	65	64	55	57	55	53	34	45.4
	Minimum	15	6	20	7	-10	0	10	-9	13	-2	19	35	25	38	22	24	43	42	28	29	22	36	24	44	32	39	39	28	36	33	25	23.0
Fayetteville Exp. S	Maximum	55	23	24	23	20	26	23	19	27	28	48	55	59	52	50	59	58	56	54	52	55	62	68	67	64	63	53	56	55	52	33	46.4
	Minimum	16	7	20	5	-11	1	9	-10	11	-1	18	36	26	38	23	25	43	41	27	29	25	32	30	44	32	40	39	28	35	33	26	23.1
Fordyce	Maximum	61	40	33	31	30	31	30	26	31	29	50	62	61	62	57	57	66	60	60	59	61	69	73	71	71	69	66	54	57	62	50	52.9
	Minimum	39	17	25	23	14	12	21	6	15	11	21	34	32	43	33	32	39	49	29	34	28	33	34	48	46	48	49	32	29	45	35	30.8
Fort Smith ***	Maximum	49	25	31	27	22	27	25	18	34	26	45	52	57	58	48	59	62	53	56	55	54	61	73	66	68	64	58	56	59	51	41	47.7
	Minimum	15	10	23	12	3	9	10	3	14	10	15	29	30	38	30	31	44	38	30	35	30	36	33	41	41	47	42	37	35	45	32	27.4
Gilbert §§	Maximum	41	32	31	25	27	33	21	22	33	34	55	60	62	59	62	64	65	65	59	57	59	66	76	75	70	56	59	54	60	56	58	51.5
	Minimum	38	8	9	4	-9	-10	16	-20	12	-12	13	15	19	32	17	20	15	30	23	21	17	23	18	17	27	30	37	29	25	24	28	16.6
Grannis	Maximum	54	29	36	32	30	28	30	38	35	38	52	62	63	60	62	62	64	59	63	62	64	75	73	73	75	70	64	65	60	61	59	54.8
	Minimum	18	9	19	16	9	3	12	-2	10	7	12	25	29	37	26	26	32	47	25	33	28	32	34	34	36	42	40	30	27	33	25	24.3
Gravette	Maximum	57	23	28	26	28	31	30	26	28	30	50	55	60	57	51	61	60	58	53	49	51	60	71	64	67	60	58	57	56	54	33	48.1
	Minimum	13	3	16	6	-6	6	6	-5	12	0	16	29	26	36	18	26	44	35	23	25	21	28	27	31	28	38	26	30	36	30	24	20.9
Green Mountain	Maximum	50	27	25	22	22	31	29	14	28	28	48	52	54	54	56	59	60	54	50	50	51	59	69	71	65	60	55	50	51	50	40	46.3
	Minimum	14	8	20	9	3	11	11	-4	10	-1	13	36	41	41	29	29	41	47	32	42	33	41	43	54	45	44	43	29	29	40	27	27.7
Harrison	Maximum	50	25	26	39	19	30	26	22	28	28	45	54	55	52	53	57	61	63	57	51	53	57	69	68	65	63	52	48	60	50	41	47.3
	Minimum	15	8	21	5	-8	-5	11	14	10	-6	23	23	24	39	23	23	40	45	32	34	27	33	24	47	38	36	45	29	30	34	27	23.9
Helena	Maximum	62	38	30	30	28	32	29	71	33	32	47	60	63	56	54	59	65	60	56	52	58	61	71	69	69	71	62	55	55	59	57	51.4
	Minimum	35	18	25	21	10	9	12	-1	10	4	15	30	30	39	26	25	31	43	28	29	27	31	35	42	37	44	47	31	29	44	35	27.1
Highland	Maximum	64	30	34	34	30	29	30	26	34	35	47	60	62	62	58	58	64	62	62	60	60	68	72	70	70	68	69	60	58	59	54	53.2
	Minimum	26	14	22	23	16	10	15	3	14	22	19	34	37	44	32	32	36	46	28	38	35	37	42	42	44	44	42	36	31	33	30	29.9
Hope §§	Maximum	50	49	31	30	26	29	28	28	31	33	52	61	60	61	58	64	68	63	64	61	62	70	74	71	64	63	56	48	50	55	43	51.7
	Minimum	45	17	17	23	17	10	12	6	7	12	13	22	28	29	30	27	27	32	30	31	27	29	29	29	31	32	45	37	28	28	33	25.3
Hot Springs	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	26	13	22	21	9	9	21	3	15	8	22	37	35	46	32	33	39	52	33	40	32	35	39	51	48	48	49	32	32	41	32	30.8
Irons Fork §§	Maximum	48	21	25	27	28	30	25	27	29	34	57	62	62	56	57	64	63	56	58	57	61	70	75	76	72	65	59	62	59	58	44	51.2
	Minimum	28	9	10	17	7	-1	4	-6	-1	5	10	19	25	27	21	22	25	44	29	27	22	26	26	34	28	35	42	30	32	35	28	21.3
Jonesboro	Maximum	58	30	28	24	23	31	26	13	28	25	44	58	55	59	54	58	65	53	53	54	58	60	69	76	69	60	56	49	54	57	53	48.4
	Minimum	29	16	22	15	9	5	8	-6	9	0	13	32	30	36	28	30	28	40	33	33	33	36	33	49	45	40	45	32	27	42	34	26.6
Lead Hill	Maximum	50	28	27	24	24	33	23	17	30	26	50	56	59	54	55	62	64	59	55	51	56	63	75	71	67	49	51	53	59	53	39	47.8
	Minimum	19	9	21	5	-16	-11	5	-19	5	-13	8	21	21	30	18	19	28	47	31	19	20	28	20	33	29	31	45	31	30	39	28	18.7
Little Rock ***	Maximum	61	28	29	27	23	28	26	21	31	23	49	61	56	57	55	55	65	59	57	55	58	62	73	72	68	60	60	50	54	55	43	49.1
	Minimum	21	18	25	18	12	13	12	6	18	9	22	34	36	40	33	32	37	41	35	41	37	39	38	49	45	46	47	33	33	39	32	30.4
Lutherville	Maximum	50	29	31	26	25	27	25	17	32	30	43	50	55	54	52	59	62	60	60	57	59	63	72	68	66	64	61	51	53	53	43	48.3
	Minimum	18	3	19	16	-3	-5	19	-5	8	0	11	28	31	39	28	27	36	44	28	32	31	33	33	46	39	44	46	28	29	42	30	25.0
Magnolia	Maximum	65	44	38	33	35	33	34	32	33	36	57	64	69	71	62	65	69	69	65	63	63	74	78	75	75	75	71	65	62	67	56	58.0
	Minimum	40	18	27	26	20	17	25	10	21	15	23	35	30	43	35	27	38	53	53	29	26	32	34	48	36	43	47	35	31	49	35	32.3
Mammoth Spring	Maximum	50	30	25	23	26	32	26	12	31	26	46	57	56	56	56	58	56	58	55	55	57	62	72	70	68	59	56	49	54	49	48	47.7
	Minimum	27	11	21	8	-4	-9	10	-21	6	-8	4	21	23	29	20	20	28	42	32	28	23	31	24	34	39	39	44	32	26	42	31	21.1
Marianna	Maximum	60	40	40	28	28	32	28	28	27	27	45	57	62	58	53	58	63	58	55	55	56	60	70	68	68	68	62	62	55	60	59	51.3
	Minimum	39	20	26	22	11	9	20	1	12	4	16	22	28	34	25	24	27	39	30	28	27	34	30	40	35	40	46	33	29	42	36	26.7
Marked Tree §§	Maximum	60	29	30	24	20	31	19	18	29	21	44	58	59	57	55	57	63	55	51	52	56	59	68	71	68	60	53	46	53	56	39	47.1
	Minimum	35	15	18	18	9	3	8	-4	10	-1	1	17	30	30	27	24	26	32	32	30	28	34	30	40	39	35	42	31	25	30	33	23.5
Mena	Maximum	54	25	30	27	26	31	27	28	31	37	52	60	62	57	59	64	63	57	58	58	62	71	73	75	72	69	59	60	61	56	44	51.9
	Minimum	19	12	20	16	1	6	15	-1	13	9	19	28	30	42	29	29	34	46	30	35	31	35	35	45	39	43	43	37	29	34	29	26.8
Monticello ***	Maximum	64	35	31	31	29	32	31	26	30	29	53	65	66	65	60	61	67	61	58	62	62	69	77	74	73	69	63	52	60	63	51	53.8
	Minimum	25	19	27	24	17	16	14	8	18	11	19	34	32	37	34	31	39	44	33	33	31	32	33	45	38	46	46	34	31	40	35	29.9
Morrilton §§	Maximum	45	29	29	26	25	30	25	17	29	25	47	58	56	56	53	55	65	57	58	55	57	65	70	71	70	59	60	52	57	52	44	48.3
	Minimum	30	11	11	21	1	-1	0	-7	2	-7	3	10	21	30	26	26	28	36	32	32	31	32	29	30	38	39	43	32	30	31	34	21.7
Mountain Home	Maximum	50	28	27	24	28	32	21	16	30	26	46	56	59	57	56	64	64	60	55	55	57	64	74	71	68	55	54	53	57	50	41	48.3
	Minimum	20	10	22	4	-7	-4	2	-14	4	-9	9	24	24	34	23	22	35	45	32	30	29	33	25	44	38	36	33	31	28	39	28	21.6
Mt. Ida	Maximum	52	28	30	29	27	29	28	27	33	36	60	67	65	61	63	65	68	68	63	61	67	74	77	78	81	65	63	59	60	60	48	54.6
	Minimum	24	13	22	22	9	-3	21	-7	9	3	12	22	21	30	19	19	28	49	27	27	19	25	20	28	27	29	45	29	21	42	33	22.1
Nashville	Maximum	63	30	35	31	28	30	30	27	38	32	50	62	64	65	59	62	65	62	64	62	62	74	75	74	74	73	63	59	59	64	50	54.4
	Minimum	26	17	24	26	17	13	24	17	18	12	15	25	27	36	27	26	33	52	26	36	25	30	29	33	31	38	44	36	30	40	33	27.9
Newport	Maximum	54	35	30	27	25	34	28	17	33	29	45	59	58	59	58	51	63	60	55	56	58	63	69	74	70	60	60	57	54	54	53	49.9
	Minimum	35	17	26	18	10	9	14	4	13	3	16	28	28	32	28	25	29	47	30	32	36	36	30	46	40	40	47	34	29	44	34	27.7
Oden ***	Maximum	30	28	32	28	29	27	26	25	32	37	56	65	66	61	59	75	65	59	60	59	63	71	75	76	72	65	61	62	60	57	46	52.5
	Minimum	12	12	20	16	5	15	10	-4	10	5	23	35	37	35	25	24	34	38	35	37	26	37	27	46	36	45	46	34	30	35	32	26.4

Daily Temperatures for January, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	64	39	34	33	31	29	31	29	36	32	51	62	65	69	61	63	63	65	67	65	64	74	76	74	77	75	73	68	60	64	54	56.4
	Minimum	35	17	25	25	19	12	24	5	16	12	12	25	26	37	25	24	32	55	27	31	24	31	27	34	29	37	45	31	57	42	31	28.1
Ozark	Maximum	51	26	35	30	25	27	31	18	35	28	46	63	57	61	53	60	64	59	60	59	57	64	72	70	70	69	61	57	57	55	43	50.4
	Minimum	20	11	20	17	− 1	0	15	− 6	10	1	7	21	24	35	24	23	40	47	29	32	24	30	26	25	33	42	46	32	43	40	31	23.9
Paragould	Maximum	55	33	28	26	24	30	29	14	28	27	41	53	49	57	53	51	59	54	52	52	54	55	62	66	66	65	55	52	50	55	55	46.8
	Minimum	31	16	25	15	8	3	9	−10	11	0	12	26	30	30	28	28	27	40	34	32	35	38	30	39	43	35	46	33	27	41	33	25.6
Perryville	Maximum	50	28	30	29	25	30	27	19	31	29	52	58	60	60	55	59	67	58	60	57	60	69	71	75	70	65	61	60	58	53	48	50.8
	Minimum	23	14	22	21	3	2	15	−13	8	− 4	7	22	24	29	24	23	30	41	32	31	28	35	25	33	41	36	48	28	47	44	34	24.3
Pine Bluff	Maximum	63	35	31	30	29	30	29	25	31	28	55	65	66	59	60	58	69	62	59	59	64	66	76	73	74	64	64	56	59	59	50	53.2
	Minimum	33	19	26	25	15	15	18	7	18	10	20	30	28	37	30	25	31	51	32	34	31	37	35	49	40	40	48	33	30	31	37	29.5
Pocahontas	Maximum	51	31	29	25	25	32	32	13	31	30	42	61	57	59	57	56	60	58	55	56	59	62	65	72	70	64	58	52	51	51	51	48.9
	Minimum	27	13	22	10	3	0	10	−14	9	− 6	10	22	27	29	22	22	28	43	32	30	32	31	27	39	45	32	44	31	24	41	31	23.1
Portland	Maximum	69	48	34	33	31	35	33	28	31	30	55	65	66	65	62	64	67	65	60	64	64	70	78	75	75	71	70	64	60	64	60	56.6
	Minimum	59	..	..	..	..	..	..	..	..	..	19	30	29	34	35	26	29	44	33	31	28	32	30	39	41	37	48	34	28	44	38	34.9
Prescott	Maximum	63	38	32	32	30	29	29	28	32	32	49	61	65	61	59	61	67	63	63	62	62	72	75	72	74	72	70	64	59	65	53	54.6
	Minimum	37	18	24	24	17	13	23	7	18	12	18	29	30	37	31	28	32	51	31	34	29	36	31	45	37	41	48	36	29	48	34	29.9
Rogers	Maximum	54	22	26	22	25	23	23	23	30	29	51	57	60	52	54	60	60	55	55	53	55	60	70	68	67	60	56	56	58	50	29	47.2
	Minimum	14	3	17	5	− 5	3	4	− 6	11	− 2	18	31	27	36	24	25	41	38	24	28	27	30	30	40	34	41	37	27	35	29	24	22.3
Russellville	Maximum	50	29	33	31	29	40	27	22	31	32	48	52	72	60	56	63	65	62	60	57	60	68	74	71	70	69	62	58	58	58	50	52.2
	Minimum	23	14	22	20	2	0	20	−10	8	− 2	3	19	24	32	24	24	31	41	31	33	26	34	27	32	31	39	48	32	30	45	33	23.7
St. Charles §§	Maximum	63	31	30	34	27	33	27	23	28	39	48	60	64	60	54	59	66	59	55	56	60	64	72	70	69	70	60	50	57	61	45	51.4
	Minimum	43	18	21	24	14	14	18	4	7	7	8	29	27	35	26	25	28	31	31	30	28	34	29	43	38	40	46	32	30	32	36	26.7
Searcy	Maximum	57	28	30	27	26	31	28	18	32	28	47	55	59	59	60	59	65	59	58	58	61	65	71	72	70	64	62	57	56	56	49	50.5
	Minimum	27	18	24	19	10	7	16	−11	6	0	11	22	31	32	26	25	29	45	30	32	31	32	28	43	39	41	47	34	27	45	35	25.8
Sheridan	Maximum	62	34	29	29	25	30	27	22	32	29	52	63	63	58	59	59	59	67	60	61	64	63	75	73	73	62	62	55	57	60	49	52.0
	Minimum	34	16	24	20	9	7	20	1	13	6	18	31	31	35	31	28	39	40	27	33	29	34	33	45	41	41	46	30	26	47	36	28.1
Siloam Springs	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Stuttgart	Maximum	60	32	30	31	25	30	25	21	28	25	47	62	60	66	65	57	64	64	54	55	60	62	72	70	70	64	60	52	55	62	50	50.9
	Minimum	32	18	25	23	13	9	14	4	14	12	12	28	30	37	27	24	30	43	30	31	27	30	30	47	37	39	47	34	28	44	36	27.6
Stuttgart (near) §§	Maximum	61	29	30	32	26	31	27	22	28	25	48	61	61	58	54	59	64	60	54	56	59	63	72	70	70	66	60	50	57	61	44	50.8
	Minimum	45	19	21	23	14	11	16	4	7	7	9	21	26	31	27	24	27	34	29	28	26	29	27	33	34	34	45	33	30	32	36	25.2
Subiaco	Maximum	59	31	33	29	28	27	30	24	31	30	45	51	58	58	55	59	66	61	57	56	56	..	70	68	77	68	58	54	58	57	44	49.9
	Minimum	21	12	20	19	5	3	19	− 5	9	6	10	25	28	39	30	27	37	43	32	36	33	39	31	44	44	44	45	34	33	43	32	27.0
Texarkana	Maximum	63	30	35	32	31	31	31	32	35	37	58	66	70	65	63	66	70	65	65	65	66	76	79	77	78	75	70	60	61	66	53	57.1
	Minimum	27	16	23	21	19	13	22	8	18	12	22	31	30	42	30	28	37	53	28	35	27	31	32	45	35	46	42	37	32	40	29	29.4
Turnpike	Maximum	51	32	25	20	25	26	23	18	30	27	46	56	55	54	52	58	59	52	55	52	54	66	68	69	66	61	55	53	50	51	42	46.8
	Minimum	14	5	16	7	− 1	9	7	− 5	6	− 2	13	33	35	42	30	35	40	43	28	33	36	40	43	53	47	45	41	23	28	39	24	26.0
Wabash	Maximum	63	40	30	31	27	32	29	22	29	28	48	60	63	59	55	58	63	59	56	52	58	61	73	69	79	69	61	56	55	60	59	51.7
	Minimum	36	18	25	22	12	10	12	12	12	5	16	25	25	29	25	21	26	42	30	29	29	33	26	46	36	37	46	31	29	45	35	26.6
Waldron	Maximum	48	25	30	28	26	28	27	26	31	35	53	61	65	60	58	64	..	55	63	58	58	68	76	75	69	67	60	60	62	61	44	51.4
	Minimum	20	9	18	15	2	3	17	10	8	1	9	21	22	32	21	21	..	30	34	25	21	24	22	33	28	33	42	30	32	35	30	21.6
Warren	Maximum	64	43	34	32	30	32	31	28	31	30	54	63	65	64	60	60	67	60	60	60	75	71	76	72	73	72	68	58	60	64	51	55.1
	Minimum	42	19	28	26	18	16	20	9	17	11	21	31	29	37	32	27	32	32	34	32	32	38	31	49	35	39	39	34	30	50	37	29.9
White Rock	Maximum	50	22	27	19	20	27	26	15	27	24	47	60	55	53	55	56	54	55	54	51	57	66	67	70	65	60	54	52	48	49	34	45.8
	Minimum	11	1	15	9	1	8	7	− 5	7	0	16	33	36	40	31	35	40	41	30	34	36	38	42	46	45	48	38	29	30	33	21	25.7
Wilson	Maximum	63	43	28	27	21	26	25	17	28	22	38	45	54	58	53	58	59	60	58	48	51	57	67	65	65	67	67	51	52	63	55	48.1
	Minimum	40	17	17	16	7	− 1	7	−12	9	− 5	14	23	25	35	25	26	27	38	36	30	30	32	30	30	33	34	35	33	26	34	34	23.4
Wright	Maximum	61	37	28	28	26	28	26	20	29	28	50	61	59	55	55	56	63	64	55	55	60	62	73	68	72	64	60	57	53	59	47	50.3
	Minimum	36	17	24	21	12	10	13	4	14	7	12	26	28	32	27	22	26	41	28	30	29	34	26	42	30	36	31	30	28	44	35	25.6
Wynne	Maximum	61	38	45	38	25	30	31	19	30	23	47	59	61	59	56	58	65	60	56	50	60	60	69	72	70	69	62	57	56	59	52	51.5
	Minimum	47	25	18	20	9	4	10	− 8	9	− 2	14	28	25	33	22	21	28	44	30	29	25	32	29	41	35	38	38	32	29	42	34	25.2

Daily River Stages for January, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.5	9.3	9.3	9.2	8.6	8.8	8.0	7.7	6.8	6.8	7.0	7.3	7.3	7.5	7.1	7.6	7.6	7.3	7.3	7.4	7.5	7.4	7.3	8.3	7.6	7.3	7.3	7.2	7.6	7.4	8.6
Van Buren	do	22	11.4	10.1	10.2	9.9	9.1	9.4	8.5	7.7	7.0	7.2	7.3	7.6	7.7	7.9	7.5	7.9	8.0	7.6	7.6	7.7	7.8	7.7	7.6	8.6	8.1	7.7	7.5	7.4	8.0	7.8	9.0
Danville	Petit Jean	20	12.4	16.9	15.6	12.4	10.6	9.3	8.2	8.0	7.3	7.3	7.3	6.6	7.4	9.1	9.4	8.7	8.0	7.5	11.1	12.8	11.4	9.7	8.6	7.9	7.4	6.8	6.6	7.3	6.1	6.1	20.0
Ozark	Arkansas	22	8.1	6.5	5.5	6.0	5.1	4.7	4.3	4.0	3.8	3.8	3.8	3.8	3.4	3.3	3.3	3.3	3.8	4.3	3.5	3.3	3.3	3.5	3.4	3.3	4.2	4.2	3.4	3.3	3.1	3.0	5.4
Dardanelle	do	22	11.2	10.2	10.2	8.6	8.8	7.9	7.6	6.4	6.5	5.9	5.6	5.6	5.8	6.1	6.3	6.2	6.1	6.5	6.6	6.6	6.4	6.4	6.4	6.2	6.3	6.8	6.5	6.2	6.0	5.9	9.2
Morrilton	do	20	8.6	7.9	6.8	5.8	5.9	5.2	4.4	4.3	3.2	2.4	1.6	1.5	1.8	2.1	2.6	2.6	2.3	2.7	3.0	3.0	3.0	3.0	2.8	2.6	2.3	2.9	2.8	2.6	2.2	2.2	5.2
Little Rock	do	23	10.6	10.3	9.7	8.8	8.2	8.0	7.3	6.8	6.4	5.7	5.2	4.7	4.7	4.8	5.1	5.2	5.2	5.1	5.3	5.6	5.7	5.6	5.5	5.4	5.3	5.0	5.3	5.4	5.4	5.2	5.9
Pine Bluff	do	25	14.5	14.4	13.9	12.5	11.6	11.2	11.0	10.7	10.3	9.7	8.8	8.0	7.6	7.4	7.6	8.3	8.6	8.5	8.5	8.6	9.0	9.1	9.7	8.8	8.7	8.5	8.3	8.7	8.9	8.7	8.7
Gilbert	Buffalo	30	5.9	5.0	4.8	4.7	4.6	4.4	4.3	4.2	4.3	4.4	4.5	4.6	4.5	4.3	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	5.7
Black Rock	Black	14	13.1	15.4	14.8	14.4	13.7	12.8	11.6	10.6	9.4	8.5	7.9	7.5	7.2	6.9	6.6	6.3	5.9	5.5	5.6	5.4	5.2	5.1	4.8	4.4	4.4	4.2	5.5	8.6	8.5	8.0	11.9
Heber Springs	Little Red	30	11.0	13.7	10.7	9.4	8.5	7.9	7.3	7.2	6.8	6.4	6.1	5.9	5.9	6.0	6.1	6.0	5.9	5.8	6.1	7.2	6.9	6.7	6.4	6.2	6.0	5.8	7.1	9.7	8.5	7.8	15.2
OzarkBeachMo	White	30	5.0	4.7	4.6	4.6	2.6	2.8	2.8	2.2	1.8	2.0	-0.6	2.4	2.8	1.8	1.8	1.4	1.8	-0.6	1.2	1.6	1.2	0.8	1.6	0.3	-0.6	0.7	-0.6	0.6	0.9	-0.6	3.2
Cotter	do	21	6.4	6.4	6.2	6.2	5.4	5.4	4.1	4.1	4.2	4.0	4.0	3.7	3.6	4.3	4.3	4.2	3.8	3.8	3.8	3.7	3.9	4.0	3.6	3.6	3.5	3.5	3.2	3.8	3.7	3.7	4.0
Calico Rock	do	18	6.8	6.8	6.2	5.8	5.5	5.2	4.6	4.7	....	....	....	....	3.0	2.8	3.5	3.4	3.1	2.8	2.8	2.8	2.5	2.8	2.6	2.5	2.5	2.5	2.5	2.2	2.6	2.5	3.4
Batesville	do	23	14.5	13.1	12.2	11.5	10.8	10.4	9.8	9.4	9.1	8.3	8.3	8.3	8.6	7.7	8.3	8.5	8.3	8.1	7.8	8.1	7.4	7.5	7.8	7.5	7.3	7.2	8.3	8.4	7.9	7.9	10.3
Newport	do	26	18.0	18.7	18.4	18.0	17.5	16.8	16.0	15.0	13.9	12.5	11.3	10.2	9.6	9.0	8.0	7.9	7.7	7.1	7.0	6.8	6.5	5.9	5.9	5.8	5.4	5.1	5.5	7.8	8.6	8.9	11.1
Georgetown	do	21	21.0	21.3	21.6	21.7	21.5	21.3	21.1	20.8	20.5	20.0	19.4	18.6	17.7	16.8	15.9	15.0	14.1	13.4	12.8	12.2	11.8	11.5	10.8	10.4	9.9	9.4	9.2	10.7	12.4	12.8	14.5
Des Arc	do	24	22.0	22.4	22.7	22.9	23.1	23.2	23.2	23.2	22.9	22.6	22.1	21.7	21.0	20.2	19.4	18.6	17.8	17.1	16.4	15.8	15.3	14.9	14.4	14.0	13.4	12.8	12.3	12.7	13.7	14.8	16.1
Clarendon	do	26	24.5	24.9	25.3	25.6	25.8	26.1	26.3	26.5	26.5	26.5	26.5	26.5	26.4	26.2	25.9	25.6	25.2	24.8	24.4	24.0	23.4	23.0	22.6	22.1	21.5	21.0	20.5	19.9	19.7	19.9	20.4
St. Charles	do	25	21.9	22.5	22.8	23.2	23.6	23.9	24.3	24.5	24.7	24.9	25.0	25.1	25.2	25.3	25.2	25.1	25.0	24.8	24.7	24.5	24.3	24.0	23.7	23.3	22.8	22.4	21.9	21.3	20.6	20.0	19.4
Glenwood	Caddo	..	6.7	6.3	6.2	6.1	6.0	5.9	5.9	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	7.1
Arkadelphia	Ouachita	17	11.3	13.4	9.4	9.0	8.2	8.0	7.9	8.6	8.1	7.9	7.4	7.1	7.8	7.8	7.8	7.4	7.6	7.5	6.3	7.0	7.1	7.0	7.0	7.1	7.0	4.7	7.0	7.2	7.2	7.2	13.5
Boughton	Little Mo.	20	9.2	12.4	12.6	11.0	9.8	9.0	8.4	7.9	7.5	7.2	6.8	6.7	6.7	6.8	6.6	6.4	6.2	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.4	5.3	5.2	5.2	5.2	5.4	11.1
Camden	Ouachita	26	20.8	19.2	20.5	21.2	19.9	18.5	16.8	15.2	13.8	13.2	12.0	11.2	10.7	10.6	10.9	11.1	10.9	10.7	10.1	9.2	8.5	8.5	8.4	8.3	8.2	8.0	7.7	6.7	7.6	8.2	8.3
Benton	Saline	20	10.8	12.0	9.6	8.7	8.2	7.7	7.3	7.0	6.8	6.6	6.2	6.4	6.4	6.4	6.3	6.2	6.1	6.0	6.0	6.0	5.9	5.8	5.7	5.6	5.5	5.5	5.5	5.4	5.3	5.4	15.2
Index	Red	25	10.8	10.2	9.9	9.8	9.8	9.8	9.7	9.9	9.8	9.7	9.7	9.6	9.6	9.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9	8.8	8.8	8.8
Fulton	do	25	13.2	12.1	11.5	12.0	11.9	11.5	11.2	10.7	10.1	9.7	9.2	8.9	8.8	8.7	8.6	8.6	8.6	8.5	8.4	8.4	8.6	8.8	8.6	8.6	8.5	8.4	8.3	8.1	7.9	7.9	8.6
Big Lake Outlet	St. Francis	10	9.2	9.3	9.4	9.8	10.0	10.2	10.2	10.3	10.2	10.0	9.7	9.4	9.1	9.0	8.8	8.6	8.2	8.0	8.0	7.8	7.6	7.6	7.6	7.6	7.5	7.4	7.4	7.4	7.3	7.4	8.0
St. Francis	do	18	16.1	16.6	16.8	16.9	16.9	16.5	15.9	14.7	13.4	12.9	12.3	11.5	10.9	10.1	9.6	9.4	9.1	9.0	9.2	9.7	9.4	8.7	8.2	7.7	7.2	7.0	7.9	11.2	13.8	13.9	15.3
St. Francis L.L.	do	..	20.7	20.8	21.0	21.2	21.5	21.7	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.8	21.8	21.7	21.7	21.6	21.5	21.3	21.6	21.8	21.4	21.2	21.1	21.0	20.9	20.8	20.9
Marked Tree	do	17	7.1	7.3	7.4	7.5	7.5	7.6	7.7	7.8	7.9	7.9	8.1	7.9	7.9	7.8	7.8	7.8	7.0	6.8	6.8	6.7	6.6	6.6	3.6	1.8	6.5	6.5	6.5	6.6	6.5	6.6	6.9
Parkin	do	28	6.0	6.6	7.1	7.1	7.1	7.0	7.0	....	7.7	8.6	8.8	8.9	9.2	9.5	9.5	9.4	8.7	8.2	8.0	7.9	7.8	7.7	7.5	6.4	5.1	6.1	7.0	7.4	7.8	7.7	8.2
Madison	do	32	4.4	4.8	5.8	6.0	6.0	5.9	6.1	5.8	5.7	5.5	6.7	7.8	7.5	7.8	8.3	8.4	8.5	8.2	8.0	7.9	7.8	7.7	7.5	7.0	6.2	5.8	6.7	7.2	7.7	7.8	8.0
Helena	Mississippi	42	18.1	19.4	20.1	20.6	20.8	20.9	20.9	20.5	19.8	18.7	17.5	16.0	14.7	13.3	11.9	10.5	8.7	6.6	5.1	4.7	5.5	6.5	7.2	8.1	9.0	9.7	10.7	12.2	13.3	13.6	14.1
Arkansas City	do	42	13.8	15.4	16.6	17.3	17.6	17.8	17.7	17.5	17.3	16.9	16.1	15.3	13.3	13.3	12.4	11.5	10.6	9.4	8.2	6.6	5.9	6.0	6.5	6.9	7.4	8.0	8.5	9.0	10.0	11.0	11.4

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a], [b], [c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Corley, Paris; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Hon, Waldron; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station, NR, No record.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVII LITTLE ROCK, ARK., FEBRUARY, 1942 No. 2

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

February, 1942, was colder than normal and with the exception of the previous February, it was the coldest February since 1914. The mean temperature was 41.2°, for the State, which is 2.3° below the 52 year average. Warmer than average weather occurred in the State from the 3d to the 6th, and 13th to 16th, but on most other days sub-normal temperatures prevailed. Considering individual stations, the highest monthly mean temperature was 47.0° at Magnolia, and the lowest was 36.0° at Devils Knob. The highest daily temperature reported during the month was 81° at Camden on the 6th and the lowest was —2° at Gravette on the 18th and 19th. Practically all the stations in the State reported their highest temperatures on the 5th and their lowest on the 18th or 19th.

Sunshine amounted to 51% of the possible amount and was slightly above normal in the western and below normal in the eastern districts.

The month was slightly drier than the average of previous Februarys. The monthly precipitation, based on the records of 112 stations, was 2.97 inches, which is 0.44 inch less than the average of the past 52 years. The greatest monthly amount reported from an individual stations was 5.63 inches at Clarendon and the least was 1.16 inches at Waldron. Only a few stations recorded less than two inches of precipitation and about one fifth measured over four inches. The greatest amount reported in any 24 hours was 2.16 inches at Wabash on the 23d. Precipitation was quite general over the State from the 4th to 6th, 9th, 10th, 15th to 18th, and 23d to 26th. Most stations measured their heaviest rains on the 16th or 23d. There was an average of eight days in the month with a measurable amount of rain. There were nine clear, seven partly cloudy and twelve cloudy days.

Snowfall averaged 1.4 inches in the State during February. This is slightly below the 52 year average of 1.8 inches. Amounts ranged from none in the extreme southern districts to 7.5 inches at Fayetteville Experiment Station. Snowfalls were general on the 18th, 23d and 26th. The heaviest snowfall occurred on the 26th, but melted almost as fast as it fell.

February weather was generally too cold, particularly during the latter part of the month and farming activities became considerably delayed. Some plowing was accomplished when weather conditions permitted and gardens were being put in during the latter part or the month in the southern counties. Fruits remained dormant all month. As the month ended, winter grains and cover crops looked good and pastures were turning green.

On February 5th, a series of tornadoes occurred over the State, tornadic winds being reported in Pike, Clark, Garland, Hot Spring, Sheridan, Saline, Arkansas and Pulaski counties in the central section, and in Carroll and Randolph counties in the northern part of the State. Buildings, electric wires and trees were blown down in each of these counties. However, the greatest damage occurred in Pulaski County, particularly in the City of Little Rock. In Little Rock many plate glass windows and signs were broken and buildings were considerably damaged. Three people were killed in Pulaski County. More than sixty people were injured throughout the State. Property damage in Pulaski County is estimated at $1,000,000. Damage is estimated at $750,000 in other counties. **B.N.W.**

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville.	30.03	30.44	18	29.16	5	8.3	22	sw.	4	..	..	..	61
Fort Smith..	30.03	30.47	18	29.39	5	9.3	39	w.	5	..	..	..	60
Little Rock..	30.07	30.43	19	29.41	23	8.5	30	sw.	4	85	64	69	49
Memphis	30.06	30.43	19	29 38	23	8.5	28	w.	6	83	68	73	44

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
Dense fog.	..	..	..	.	10	..	..	.	3	..	.	..	..	..	4	7	1	..	..	1	..	1	7	3	..	..	.	..		
High winds... .	2	.	2	15	21	28	5	4	1	1	..	.	..	1	1	..	4	9	1	..	..	..	1	9	.	1	3	..		
Hail...........	..	..	..	.	12	10	..	..	..	.	..	.	.	..	3	..	..	1	1	.	..	..	16	1	.	..	..	..		
Thunderstorm .	..	.	.	..	28	20	..	..	11	.	.	..	..	1	22	13	..	.	..	.	..	5	26	..	..	.	..	..		

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891............	46.5	80	6	2 92	....	8	10	9	9
1892............	49.0	78	18	3 47	T.	7	11	9	9
1893............	42.4	74	2	4.05	0.8	8	9	6	13
1894............	40.5	75	0	6.32	2.5	8	8	7	13
1895............	33.5	78	−17	0.71	2.0	4	10	7	11
1896............	45.2	79	11	3.30	0.5	6	15	6	8
1897............	46.6	89	7	2.59	0 7	4	10	7	11
1898............	45.8	82	7	2.08	T.	5	15	5	8
1899............	31.8	75	−25	2.18	2 7	6	12	6	10
1900............	39.7	74	− 5	5 06	1.2	8	9	7	12
1901............	40.8	79	10	2.18	1.6	6	10	7	11
1902............	35.0	72	− 2	2.60	3.2	5	9	8	11
1903............	41.0	79	−12	7.63	2 7	10	10	6	12
1904............	44.9	86	10	2.47	0.8	5	12	8	9
1905............	32.3	82	−29	2.55	7.1	7	9	6	13
1906............	41.8	75	− 7	2.21	1.6	6	15	5	8
1907............	44.9	83	4	2.77	0.5	5	12	6	10
1908............	44.2	78	0	5.26	0.4	9	12	5	12
1909............	47.3	82	5	5.41	0.9	8	13	5	9
1910............	39.0	75	−13	3.66	5 9	7	11	6	11
1911............	49.8	87	7	4 31	0 3	9	9	8	11
1912............	37.9	78	− 7	2 80	4.5	6	12	8	9
1913............	41.0	82	5	3.74	1.8	8	11	6	11
1914............	40.4	79	− 2	4.23	0.9	7	11	7	10
1915............	45.9	76	11	4.47	1.3	8	11	5	12
1916............	43.4	82	6	1.78	1.3	5	14	4	11
1917............	43.4	89	− 4	1 93	1.1	4	15	5	8
1918............	46.9	93	4	1.17	0.4	4	12	6	10
1919...	44.1	80	−10	3 34	2 5	8	13	4	11
1920...	45.0	79	− 2	1.26	1.0	5	11	8	10
1921...	48.3	85	− 3	3.59	9.8	6	15	5	8
1922............	47 8	84	10	4.89	1.3	8	9	7	12
1923............	41.9	80	5	4.66	1 9	8	11	4	13
1924............	42 9	82	− 7	2.26	0.4	7	12	4	13
1925............	49 3	83	12	3.37	0.5	6	12	7	9
1926............	48.5	88	10	2.02	0.3	4	15	5	8
1927............	52.1	90	9	2.62	1.5	8	10	7	11
1928............	45.0	79	10	2.23	0.6	7	12	6	11
1929............	35 4	76	−20	4.01	8.8	10	9	4	15
1930............	52.2	86	16	3 92	0.0	6	12	6	10
1931............	48.2	75	14	4.77	T.	8	13	4	11
1932............	52.0	86	9	4 72	T.	9	13	5	11
1933............	41.5	82	−13	3 53	2.4	10	11	5	12
1934............	41.5	82	3	2.00	0.5	6	14	4	10
1935............	45.8	87	8	2.44	T.	6	12	5	11
1936............	36.5	89	−15	1.70	2.4	7	12	5	12
1937............	44.2	84	12	2.11	0.2	6	11	7	10
1938............	50.9	87	8	6.08	0.1	7	9	7	12
1939............	43.6	76	4	8.56	3.2	12	10	5	13
1940............	41 9	88	10	3.31	3.2	10	7	5	17
1941............	40.8	72	7	2.92	3 4	8	11	5	12
1942............	41.2	81	− 2	2.97	1.4	8	9	7	12
Period.......	43.5	93	−29	3.41	1.8	7	11	6	11

Correction:--Page 9, Wllson, mean temperature 40.2°; departure −5.0°.

Climatological Data for February, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	5	40.4	......	64	3§	11	19	3.66	......	1.33	6	T.	9	5	6	17	w.	L. R. Water Works
Arkadelphia	Clark	200	46	42.5	......	72	5	15	20	2.91	−0.70	1.15	23	T	10	10	7	11	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	57	......	......	......	......	......	......	2.65	−1.67	0.64	17	T.	8	12	4	12	......	George W. Reitzammer
Batesville Airway	Independence	363	5	38.6	−2.2	68	5	13	19	3.62	......	0.90	9	0.9	10	9	6	13	se.	Airway Observer
Batesville Livestk.	Independence	....	1	37.4	......	66	5	10	19	3.14	......	0.80	9	....	9	9	7	12	nw.	Experiment Farm
Batesville River	Independence	277	42	......	......	......	......	......	......	3.83	+0.39	0.70	23	1.4	14	11	5	12	......	Mrs. Ida Baruwell
Bee Branch	Van Buren	650	49	36.6	−6.2	62	5§	8	19	4.13	+1.09	1.65	23	1.0	7	12	7	9	n.	Minnie Scaulan
Benton	Saline	285	6	38.8	......	69	5	13	20	2.25	......	0.60	16	0.5	10	12	6	10	nw.	S. A. Burks
Bentonville	Benton	1295	36	37.2	−2.4	72	5	5	18	2.46	+0.32	1.43	15–16	3.5	11	9	17	2	s.	U. S. Weather Bureau
Bethesda †	Independence	500	2	39.0	......	68	5	11	19	2.93	......	0.91	15	1.4	9	8	9	11	nw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	11	......	......	......	......	......	......	2.84	......	0.92	16	T.	10	11	1	16	......	C. J. Brooks
Black Rock	Lawrence	259	40	......	......	......	......	......	......	4.16	+0.91	0.72	23	T.	10	11	0	17	......	Vernon C. Howe
Bluff City	Nevada	....	1	45.4	......	70	5	20	18	2.98	......	1.10	16	0.4	4	13	5	10	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	16	40.2	−5.0	63	5§	15	19	2.85	+0.07	0.68	16	0.2	8	10	6	12	n.	Maureen K. Norris
Booneville (near)	Logan	465	27	42.6	−3.6	72	5	12	19	2.18	−0.42	0.72	16	1.0	6	8	11	9	w.	F. H. Randolph
Boughton †	Clark	235	6	......	......	......	......	......	......	2.84	......	1.14	16	T.	7	7	8	13	......	Ruby A. Buie
Brinkley	Monroe	205	50	42.2	−2.0	65	5§	17	19	3.38	−0.82	1.57	23	T	9	9	6	13	nw.	R. J. Torry
Calico Rock	Izard	361	37	......	......	......	......	......	......	2.00	−0.76	0.75	23	2.0	14	7	3	18	......	William Jones
Camden	Ouachita	116	56	45.3	−1.9	81	6	18	19	2.66	−1.19	0.78	23	1.0	10	11	5	12	w.	J. M. Kuight
Camp Robinson	Pulaski	463	1	39.9	......	70	5	17	18§	3.33	......	1.05	6	1.0	8	9	9	10	se.	U. S. Army
Clarendon	Monroe	172	37	......	......	......	......	......	......	5.63	+1.71	2.01	6	0.0	11	10	1	17	ne.	R. M. Wheatley
Clinton †	Van Buren	516	20	......	......	......	......	......	......	1.97	−1.00	0.58	16	T.	6	6	15	7	......	Doyle G. Love
Clover Bend	Lawrence	235	3	38.5	......	68	5	11	18§	4.26	......	0.96	23	....	10	5	15	8	se.	Farm Security Adm.
Conway	Faulkner	309	58	42.9	−1.5	71	5	15	19	3.34	−0.12	0.99	16	1.0	7	11	9	8	s.	E. E. Cordrey
Corning	Clay	293	48	38.2	−1.8	62	6§	12	18§	3.24	−0.11	0.65	16	0.0	11	8	2	18	nw.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	2.40	−0.15	0.60	23	5.0	9	8	7	13	......	O. B. McSpadden
Crossett (near)	Ashley	175	29	44.8	−4.6	69	6§	17	12§	1.93	−1.81	0.54	23	0.5	7	8	3	17	n.	U. S. Forest Service
Danville	Yell	327	25	......	......	......	......	......	......	2.49	−0.29	0.69	23	T.	10	8	8	12	......	J. M. Patterson
Dardanelle	Yell	330	55	42.6	−2.2	72	5	15	19	2.75	−0.13	0.77	23	....	10	7	10	11	e.	Geo. N. Goodier
DeQueen	Sevier	426	6	....	......	......	......	......	......	....	......	....	......	......	......	......	......	......	......	L. D. McCowu
Des Arc	Prairie	204	3	43.4	......	68	10	18	19	4.15	......	1.23	23	T.	11	9	2	17	nw.	Z. R. Glenn
Devils Knob †	Johnson	2350	5	36.0	......	65	5	4	18	3.29	......	1.15	23	4.0	9	12	2	14	nw.	U. S. Forest Service
Dumas	Desha	162	36	44.3	−4.7	70	6	20	19	2.64	−1.97	1.05	23	1.0	8	7	12	9	n.	Ben Johnson
El Dorado	Union	270	41	46.6	−2.4	72	23	22	19	2.09	−1.51	0.57	10	T.	7	12	5	11	w.	Mrs. E. W. Gaston
England	Lonoke	229	35	43.2	−3.6	68	5	20	19	3.38	−0.42	1.20	16§	T.	7	4	17	7	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	41	39.7	−1.5	72	5	3	18	3.09	+0.63	1.15	16	5.0	8	14	4	10	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	4	38.2	......	69	5	3	18	1.94	......	0.74	16	5.6	6	6	7	15	n.	Charles F. Ford
Fayetteville Exp.	Washington	1451	54	39.1	−1.3	70	5	1	18	2.43	+0.23	0.76	16	7.5	6	8	10	10	nw.	University of Arkansas
Fordyce	Dallas	280	1	44.4	......	68	5	18	19	2.85	......	0.92	23	1.0	9	10	7	11	w.	Ark. Forestry Com.
Fort Smith	Sebastian	448	60	41.8	−1.0	73	5	15	18	2.26	−0.30	0.62	9	0.9	9	8	8	12	.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	4	......	......	......	......	......	......	2.13	......	0.56	16	1.1	9	5	11	12	......	Ft. Smith Water Plant
Fulton	Hempstead	260	56	......	......	......	......	......	......	1.35	−2.08	0.40	16	0.0	8	9	4	15	......	T. J. Logan
Georgetown	White	200	29	......	......	......	......	......	......	4.14	+0.46	1.15	23	1.0	10	13	0	15	......	C. G. Long
Gilbert	Searcy	600	16	35.8	......	71	5	5	20	2.03	−0.20	0.68	23	0.3	8	16	0	12	......	F. E. King
Glenwood	Pike	547	6	......	......	......	......	......	......	2.89	......	1.04	23	T.	6	11	6	11	......	Chas. A. Price
Grannis	Polk	950	22	41.0	−4.6	70	5	11	19	2.88	−1.38	0.95	23	2.5	9	9	5	14	nw.	W. E. McVay
Gravette	Benton	1250	44	38.2	−0.9	72	5	−2	18§	3.72	+1.83	1.25	15	3.0	7	14	8	6	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	4	39.0	......	73	5	10	18	2.12	......	0.63	17	2.6	9	10	9	9	s.	U. S. Forest Service
Harrison	Boone	1052	41	37.8[a]	−1.2	70[a]	5	5[a]	19	2.02	−0.48	0.76	16	3.3	8	13	7	8	nw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	3.76	......	0.88	23	2.4	11	10	6	12	......	Lester B. Logan
Helena	Phillips	300	69	41.8	−3.3	67	4	14	19	4.76	+0.87	1.30	24	T.	8	5	10	13	nw.	James A. Burnett
Highland	Pike	491	22	42.6	−5.0	70	5	15	19	2.18	−1.19	0.95	16	0.1	6	13	11	4	se.	Clyde Cooley
Hope (near) ‡‡	Hempstead	375	71	42.1	−6.3	70	5	19	19	1.94	−1.88	0.54	16	0.0	8	3	14	11	ne.	Experiment Farm
Hot Springs	Garland	600	50	44.1	−2.9	77	6	16	19	1.75	−1.76	0.66	23	4.0	8	14	5	9	s.	National Park Service
Index †	Little River	275	24	......	......	......	......	......	......	3.15	+0.34	0.95	16	......	7	17	2	9	......	W. F. McDowell
Irons Fork †‡‡	Polk	1385	3	38.6	......	67	5	7	19§	3.00	......	0.86	24	2.5	11	16	1	11	n.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	3.61	+0.65	0.85	6§	......	9	5	15	8	nw.	U. S. Forest Service
Jonesboro	Craighead	345	46	39.7	−2.7	65	5	16	19	3.69	+0.05	0.78	17	0.1	11	3	7	18	nw.	Benedictine Sisters
Lead Hill	Boone	650	35	38.1	−0.3	71	5	4	19	2.37	+0.13	0.70	16	3.2	8	10	9	9	nw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	62	42.0	−2.9	67	5	20	19	3.52	−0.32	1.14	5–6	0.5	9	6	9	13	se.	U. S. Weather Bureau
Little Rock Airport	Pulaski	257	5	41.7	−3.2	68	5	19	19	3.60	−0.24	1.05	5	1.0	9	6	9	13	se.	W. B. Airport Station
Lutherville †	Johnson	775	43	40.0	−2.4	71	5	10	19	4.45	+1.37	1.41	23	2.1	6	6	8	14	nw.	H. G. Lenhardt
Madison	St. Francis	209	11	......	......	......	......	......	......	5.00	+0.51	1.45	23	2.0	9	3	1	24	......	J. W. Eppes
Magnolia	Columbia	315	25	47.0[b]	−4.4	72[b]	5§	21[b]	19	1.68	−2.11	0.64	23	0.9	5	6	11	11	nw.	State Agri. School
Mammoth Spring	Fulton	600	37	38.5	−1.8	63	14	11	19	2.94	0.00	0.70	23	1.0	11	8	7	13	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	30	42.6	−3.2	65	5	18	19	4.97	+1.03	2.10	23	T.	6	8	11	9	n.	Cotton Exp. Station
Marked Tree	Poinsett	229	37	37.7	−5.9	65	5	14	19	3.00	−0.82	0.84	16	T.	7	6	4	18	u.	Charles Walton
Mena	Polk	1207	53	42.1	−2.1	69	5	12	19	2.33	−0.99	0.90	23	1.5	9	10	8	10	sw.	E. W. St. John
Monticello Airway	Drew	273	1	43.8	......	68	5	20	19	2.97	......	1.02	23	T.	10	5	7	16	ne.	Airway Observer
Morrilton †	Conway	315	25	40.2	−5.2	69	5	17	20	3.41	+0.67	0.80	23	0.5	11	6	8	14	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	4	......	......	......	......	......	......	2.01	......	0.56	9	T.	7	11	10	7	sw.	C. A. Lovell
Mountain Home †	Baxter	800	29	38.6	−3.7	70	5	10	18	2.08	−0.67	0.95	23	2.0	9	8	8	12	w.	H. N. Haibert
Mountain Valley	Garland	788	4	......	......	......	......	......	......	2.60	......	1.03	16	0.5	7	12	5	11	n.	J. G. Scott
Mount Ida	Montgomery	702	42	41.6	−4.0	72	5	9	19	2.00	−1.54	0.56	23	2.9	6	8	9	11	e.	J. S. Whittington
Mt. Ida CCC	Montgomery	750	2	......	......	......	......	......	......	1.51	......	0.56	16	2.8	6	8	11	9	sw.	U. S. Forest Service
Mulberry (near) †	Franklin	433	3	......	......	......	......	......	......	2.64	......	0.74	23	1.3	10	8	6	14	......	Clifton Ward
Nashville	Howard	350	3	44.5	......	71	5	17	19	2.03	......	0.60	23	T	9	16	5	7	e.	Brice Carruth
Newport	Jackson	231	58	41.1	−0.9	65	5	17	19	2.90	−0.34	0.91	6	0.0	12	9	5	14	.	J. D. Henderson
Oden	Montgomery	800	14	41.5	......	72	5	16	18	1.26	−2.39	0.51	16	2.9	4	10	4	14	w.	U. S. Forest Service
Okay	Howard	288	13	45.9	−3.4	72	5	19	19	2.17	−1.78	0.80	16	......	8	11	7	10	se.	Charles R. Jackson
Osceola	Mississippi	250	41	......	......	......	......	......	......	3.28	−0.16	0.82	16	0.2	10	11	5	12	......	G. H. Banks
Ozark	Franklin	396	46	42.4	−1.0	72	5	13	19	3.85	+1.15	0.98	16	......	11	5	9	14	e.	Orkney O. Milton
Paragould	Greene	275	18	38.7	......	62	5	17	19	4.06	+0.33	1.05	16	......	11	10	3	15	nw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	4.30	+0.24	1.29	16	T.	9	9	2	17	......	Carroll King
Perryville	Perry	325	2	42.0	−2.4	70	5	13	19	2.66	−0.76	0.96	16	T.	6	5	20	3	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	54	44.2	−2.3	69	4§	22	19	3.42	−0.49	0.75	17	3.0	10	9	8	11	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	1.85	−1.69	0.56	16	2.0	8	6	12	10	nw.	J. R. Huddleston
Pocahontas	Randolph	300	48	38.4	−3.2	62	5§	12	19	3.21	−0.13	1.09	23	0.2	8	10	3	15	u	Benedictine Sisters
Portland	Ashley	122	35	45.0	−4.7	70	5§	22	19	2.58	−1.59	0.68	24	0.4	7	10	5	13	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	45.8	−1.6	69	5§	19	19	3.21	−0.49	1.20	16	T.	11	11	9	8	n.	W. R. Hambright
Rogers	Benton	1300	51	37.8	−1.7	72	5	0	18	4.07	+2.20	1.68	16	6.5	8	8	10	10	se.	Howard Fowler
Rosebud	Faulkner	680	7	......	......	......	......	......	......	4.03	......	1.23	16	2.0	7	12	8	8	n.	G. A. Maddox
Russellville ‡‡	Pope	526	29	42.6[c]	......	74[c]	5	19[c]	18	2.79	−0.49	1.03	16	T.	6	11	11	6	se.	U. S. Forest Service
St. Charles	Arkansas	175	8	41.4	......	67	5	20	19	4.44	......	1.08	6	T	8	5	11	12	n.	U. S. Biological Survey
St. Francis	Clay	290	14	......	......	......	......	......	......	4.93	+1.50	1.06	16	0.1	14	9	1	18	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	40.8	−4.3	67	5	15	19	3.28	−0.05	0.78	23	T	11	13	2	13	se.	Walter A. Smith
Sheridan	Grant	....	1	42.2	......	69	5	13	19	2.97	......	1.15	23	1.8	6	2	15	11	sw.	Ark. Forestry Com.
Siloam Springs	Benton	....	1	38.0[f]	......	60[f]	7	4[f]	18	3.11	......	1.01	26	5.5	7	11	8	9	......	Frank A. Treadwell
Springbank †	Miller	240	32	......	......	......	......	......	......	1.26	−2.14	0.42	10	0.0	5	8	3	17	......	Henry Field
Story	Montgomery	650	17	......	......	......	......	......	......	1.73	−1.73	0.74	16	2.3	4	15	5	8	s.	S. C. Story
Stuttgart	Arkansas	214	54	42.0	−3.2	67	5§	19	19	4.36	+0.38	1.25	23	T.	9	17	4	7	n-	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	6	40.5	......	66	5	20	19§	4.45	......	1.26	23	......	9	......	......	......	......	Rice Experiment Sta

Climatological Data for February, 1942 Continued

Stations	Counties	Elevation, feet	Length of record, years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	42.8	− 1.0	74	5	16	18	2.24	−0.61	0.85	16	T.	5	10	8	10	nw.	New Subiaco Abbey
Texarkana	Miller	332	57	46.0	− 2.4	74	5	19	19	1.39	−1.99	0.55	16	0.0	4	13	5	10	n.	H. S. Brashear
Turnpike†	Pope	2240	17	37.4		65	5	7	18	3.61	+0.59	1.16	15	2.5	9	12	6	10	sw.	U. S. Forest Service
Wabash	Phillips	179	2	42.1		65	5§	18	19	4.63		2.16	23	0.0	8	6	10	12	n.	Farm Security Adm.
Waldron	Scott	675	22	42.6^{a}		72^{a}	5	11^{b}	19	1.16	−2.39	0.60	16	4.0	7	7	15	6	nw.	Wilson Ferguson
Warren	Bradley	206	47	45.5	− 1.7	68	5§	20	19	2.47	−1.78	0.95	16	1.2	6	5	5	18	nw.	C. N. Turner
Whitecliffs	Little River	290	35							2.09	−1.06	1.22	16	T.	5	16	2	10		L. M. Snead
White Rock†	Franklin	2285	5	36.6		65	5	4	18	2.60		0.67	23	1.0	8	7	13	8	se.	U. S. Forest Service
Wilson	Mississippi	237	16	40.4	− 4.8	66	5	15	19	2.78	−0.37	1.48	16	T.	5	9	5	14	n.	D. O. Anderson
Wright	Jefferson	234	2	41.4		66	5	19	19	4.18		1.59	16	1.0	7	6	13	9	ne.	Farm Security Adm.
Wynne	Cross	167	33	41.5	− 2.8	65	5§	16	19	3.52	−0.16	1.10	23	T.	7	10	3	15	n.	B. M. Eddins
State Means				41.2	− 2.3	81	6	− 2	18§	2.97	−0.44	2.16	23	1.4	8	9	7	12	nw.	

Daily Precipitation for February, 1942

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Abbott[2]	Arkansas									2.00	.04					.15			.05					.27	.12		.26					2.89
Alum Fork Reser.	Ouachita						1.33			.28						.11	.92		.02				T.	.84	.02		.12	.02				3.66
Arkadelphia[2]	Ouachita				.13	.03				T.	.44					.04	.78	.15	T					1.15	.04		.03	.12				2.91
Arkansas City[2]	Mississippi				.01	.04	.08				.25							.64	T.					.56	.61		T.	.46				2.65
Batesville Air'y.[1]‡	White				.06	36				.90					.04	.84	.45		T.				.27	.58	.03		.09					3.62
Batesville Livestk.	White				.02		.21			.80						.33	.59		.25				.70	.14			.10					3.14
Batesville River[2]	White				.08	T.	.38			.20	.60					.22	.52	.60	.08	.02				.70	.20	.01	.20	.02				3.83
Beaty Lake(near)	St. Francis			T.	.22	T	.51			.11	.02					.18	1.73		T					1.80	.23		.06					4.86
Bee Branch	Arkansas				.15	.65				.50						.43		.65	T.					1.65			.10					4.13
Beech Grove(near)	White		T.		.51					.81						.21	1.10		.03					1.10	.07		.03					3.86
Beedeville[2]	White					.14	.58				.32					.10	.85	29	T.					.70	.18			.06				3.22
Benton[2]	Saline					.03	.19			T.	.19					.03	.60	.36						.47	.24		.08	.06				2.25
Bentonville[1]‡	Arkansas				.02	.10	T			.12					.23	.76	.69	.03	.02				.24	.14		T.	.11					2.46
Bethesda	White				.03	.20				.58						.91	.30		.02				.14	.62	.04		.09		T.			2.93
Big Lake Outlet[2]	St. Francis			T	T.	.23	.24				.18					T.	.92	.41		.06				.34	.36	.05		.05				2.84
Black Rock[2]	White				.20	.40	.58			T.	.56					.39	.58	.26	.03	T.				.72	.44			T.				4.16
Blue Mountain[2]	Arkansas										.45						1.10							.30								1.85
Bluff City..(near)	Ouachita									.79							1.10							1.05			.04					2.98
Blytheville[2]	St Francis					.12	.62				T.					.20	.68	.42		.06				.43	.32			T.				2.85
Booneville (near)	Arkansas						.01			.57						.20	.72		T.					.52			.16					2.18
Booneville[2]	Arkansas						.12			.78	.26					.12	.63	.04	.06					.45	.10		.16					2.72
Boughton[2]	Ouachita				.10					T	.48						1.14	.18						.74	.09		T.	.11				2.84
Brinkley	White				.14		.81			.13	.05					.07	.47							1.57	.09		.05					3.38
Calico Rock[2]	White				.05		.08			.05	.21					.19	.09	.17	.04	.01				.75	.24	.02	.07	.03				2.00
Camden	Ouachita					.15	.03				.50						.25	.37	.10					.78	.37		.05	.06				2.66
Camp Chaffee	Arkansas						T			.63						1.17	.59		T.					.45			T.					2.84
Camp Marion[2]	Arkansas						.75			.20						.10	1.10							.80	.90			.02				3.87
Camp Robinson[2]	Arkansas				.02	T.	1.05			T.	.60					T.	67	.11						.70	.15		.03	T.				3.33
Carlisle[2]	Arkansas				.10	.04	.82			T.	.40					T.	.85	.29	T	T.				1.16	.41	T.	.06	T.				4.13
Clarendon[2]	White				.05	06	2.01				.22					.07	.57	.67						1.01	.94	.02		.01				5.63
Clinton	White				.13		.36			.56						.24	.58								T.		.10					1.97
Clover Bend	White				.14	.06	.44		.86		.43					.36		.86	.09					.96					.06			4.26
Cold Springs	Ouachita					.32				.26						.26	.54							.46			.26					2.10
Conway	Arkansas				.07		.59			.63						.13	.99							.82			.11					3.34
Corley[2] (near)	Arkansas							.04			.70					.42	.63	.04	.01					.95	.06		.07	.04				2.96
Corning[2]	White			T.		.35	.30			.10	.33					.40	.65	.30	.01					.46	.32	.02						3.24
Cotter[2]	White				T.		.25				.15					.05	.35	.30	.20					.60	.30		.20	T.				2.40
Crossett..[near]	Ouachita				.02					.14	.33					.27	.41							.54			.22					1.93
Danville[2]	Arkansas						.28			.02	.25					.21	.31	.39	T	T.				.69	.14		.02	.18				2.49
Dardanelle[2]	Arkansas				.03		.13				.35					.32	.39	.52						.77	.15		.03	.06				2.75
Denmark[2]	White				.15	.01	.53			.32	.50					.20	.95	.14		.05				.73	.08	T	.11	.01				3.78
De Queen	Red																															....
Dermott[2]	Mississippi				.03	.03	T.				.37						.03	.62	.01					.67	.57			.05				2.38
Des Arc[2]	White				.12	.04	.74				.41					.06	.89	.33		T.				1.23	.25	.04	T	.04				4.15
Devils Knob	Arkansas				.07		.18			.54						.25	.71		.13				.02	1.15			.24					3.29
Dumas	Mississippi				.10					.47	.05					.05	.77		.10					1.05			.05					2.64
Eagle Gap[2]	Arkansas				.02						.16					.33	.52		.01					*	.78		.37					2.19
El Dorado[2]	Ouachita					.02					.57						.30	.38						.54	.05			.23				2.09
Eleven Point[2]	White			.04	.16		.26			.38	.01					.42	.53	T.	.02					1.16	.03		T					3.01
England	Arkansas				.10		.45			.30						.03	1.20							1.20			.10					3.38
Eureka Springs	White						.50			.13						.26	1.15	03	.25					.63			.14					3.09
Evening Shade[2]	White				14	.01	.20			.02	.37					.35	.41	.24	.02	.01				.90	.42	T.	T.	.03				3.12
Fayetteville	White			T			T			.03	T				T.	.29	.74	T.	.39				T.	.35	T		.14	T.				1.94
Fayetteville Exp. S	White						T			.11	T					.31	.76	T	.38				T.	.58	T.		.29	T.				2.43
Fordyce	Arkansas			T.	.10		.46			.63	.02					T.	.61		.02					.92	.01		.08	T.				2.85
Forrester[2]	Arkansas				T		.55			T.	.20				T	.20	.50	T						.55	.20		.30	T.				2.50
Fort Smith[1]‡	Arkansas					.12				.62				T	.20	.18	.60	T	.03				.20	.20		T.	.11					2.26
Fort Smith W.[2]	Arkansas			T.			.05			T	.51					.26	.56	.09	.05					.47	.03		.11	T.				2.13
Fulton[2]	Red				.02	T.				T.	.33					T.	.40	.13						.28	.03		.13	.03				1.35
Georgetown[2]	White				.12	.10	.65				.45					.15	.85	.20						1.15	.37		.10					4.14
Gilbert[2]	White					.01	.26				.39					.06	.20	.25	T.	T.				.68	.18							2.03
Glenwood[2]	Ouachita						.32									.17	1.03							1.04	.14	.19						2.89
Grannis	Red				.07	.10	T.			.14						.51	.83		.05				.05	.95			.18					2.88
Gravelly[2]	Arkansas						.40				.16						.20	.44						.50			.10	T				1.80
Gravette	Arkansas				.20	.60				.10						1.25	.87		.20					.50			T.					3.72
Green Forest[2]	White					.12				.10		.01				.21	.47	.13					.10	.40	.07		.09					1.70
Green Mountain	White				.10	.02	.11			.34						.50		63	.02					.25			.15	T.				2.12
Greenwood[2]	Arkansas						.17			.51	.02					.20	.95		.05					.34			.05	T.				2.29
Harrisburg[2]	St. Francis					.12	.30			T	.16						*	1.30						*	.85		T.	T.				2.73
Harrison	White				.04		T.			.23						.13	.76		.17					.46	T.		.12	.11				2.02
Heber Springs[2]	White				.06		.80			.56	.24					.22	.67	.12	.03					.88	.06	T.	.12	T				3.76
Helena[2]	Mississippi				.03	.12	.87				.12						32	.85						1.15	1.30	T.	T.	T.				4.76
Henderson[2]	White				.10		.48				.24					.13	.11	.24	.10					.65	.35	T		.08				2.48
Highland	Ouachita				.06	.03				.19						.15	.95							.80			T.					2.18
Hon[2] (near)	Arkansas						.35			.50					.10		.50						.45				.25					2.15
Hope[2]	Red				.04	T.				.06	.30					T.	.54	.24						.52	.11		.13	T.				1.94
Hot Springs	Ouachita				T.	T.	.11			.11						.07	.62	.01						.66			.16	.01				1.75
Huttig[2](near)	Ouachita						.04				.29						.34	.40						.40	T.		.04	.05				1.56
Index[2]	Red				.20					.40	T					.40	.95	.50						.60			.10					3.15
Irons Fork[2]	Ouachita				T.	.02	.15			.03	.18					.32	.55	.03						.57	.86		.28	.01				3.00
Jessieville	Ouachita				.09	.04	.85			.42						.32	.85							.60	.19		.25					3.61
Jonesboro[2]	White				.02	.15	.57			.02	.3[illegible]					.15	.63	.78	T.	T.				.67	.31	T.		.01				3.69

Daily Precipitation for February, 1942 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Total
LaCrosse[2]	White	....	....	....	.12	....	.45	....	....	.17	....	....	....	....	....	63	.34	....	.10	....	....	....	....	.93	.36	....	.05	....	....	3.15
Lake City[2]	St. Francis	....	....	.01	....	.19	.58	....	....	....	.28	....	....	....	....	....	*	1.15	....	T	....	....	....	*	1.01	.02	....	.05	....	3.29
Lead Hill	White	....	....	....	....	....	.48	....	....	.22	T.	....	....	....	....	.20	.70	T.	.15	....	....	....	....	.52	.01	....	.09	....	....	2.37
Little Rock[1‡]	Arkansas	....	....	....	.01	1.12	.02	....	....	.54	....	....	....	....	T.	.27	.61	T	T.	....	....	....	.60	.27	T	T.	.08	T	....	3.52
LittleRock Air'y[1‡]	Arkansas	....	....	....	.03	1.05	.16	....	....	.48	....	....	....	....	T.	.26	.66	T.	T	....	....	....	.38	.52	T.	T.	.06	T.	....	3.60
Lutherville	Arkansas	....	....	....	....	.60	....	....	....	.93	....	....	....	....	....	.62	.67	....	....	....	....	....	....	1.41	....	....	.22	....	....	4.45
Madison[2]	St. Francis	....	....	....	T.	T.	1.05	....	....	....	.10	....	....	....	....	.28	.65	.57	T.	....	....	....	....	1.45	.63	T	.10	.17	....	5.00
Magnolia	Red	....	....	....	.04	....	....	....	....	.45	....	....	....	....	....	....	.47	....	....	....	....	....	....	.64	....	....	.08	....	....	1.68
Mammoth Spg[2]	White	....	....	T.	.10	.05	.59	....	....	....	.27	....	....	....	....	.25	.25	.13	T.	.04	....	....	....	.70	.53	T.	T.	.03	....	2.94
Marianna	St. Francis	....	....	....	.15	.45	1.00	....	....	....	.07	....	....	....	....	....	1.20	....	....	....	....	....	....	2.10	....	....	T.	....	....	4.97
Marked Tree[2]	St. Francis	....	....	....	....	.20	.41	....	....	....	.13	....	....	....	....	....	.84	.52	T.	....	....	....	....	.72	.18	T	....	T.	....	3.00
Marshall[2]	White	....	....	....	....	....	.20	....	....	....	.18	....	....	....	....	.08	.25	.26	.50	....	....	....	....	.47	.50	....	.10	.20	....	2.74
Marvell[2]	White	....	....	....	....	....	1.39	....	....	....	....	T.	....	....	....	....	.18	.69	....	....	....	....	....	.44	1.35	....	....	....	.16	4.21
Meua[2]	Ouachita	....	....	....	T.	.01	T.	....	....	T.	.19	....	....	....	....	.38	.61	.02	T.	T.	....	....	....	.90	.04	....	.15	.03	....	2.33
Mena CCC	Red	....	....	....	.36	.04	....	....	....	.50	....	....	....	....	....	.40	.70	....	....	....	....	....	....	.76	....	....	.12	....	....	2.88
Monticello Air[1‡]	Ouachita	....	....	.05	.04	.01	....	....	....	.46	T	....	....	....	T.	.03	93	....	.02	....	....	....	.31	1.02	T.	....	.10	....	....	2.97
Morobay[2] (near)	Ouachita	....	....	....	....	....	....	....	....	....	45	....	....	....	....	....	.16	.67	....	....	....	....	....	.45	.35	....	.11	.02	....	2.21
Morrilton[2]	Arkansas	....	....	....	.05	T.	.55	....	....	.20	.40	....	....	....	....	.18	.68	.35	T.	....	....	....	....	.80	.12	....	.02	.06	....	3.41
Mountainburg	Arkansas	....	....	....	....	....	.04	....	....	.56	....	....	....	....	....	.30	.52	....	T	....	....	....	.05	.46	....	....	.08	....	....	2.01
Mouutain Home	White	....	....	....	.10	....	.30	....	....	.20	....	....	....	....	....	.15	.30	....	.03	....	....	....	....	.95	.02	....	.03	....	....	2.08
Mountain Valley	Ouachita	....	....	....	.06	T.	.26	....	....	.22	....	....	....	....	....	.11	1.03	....	....	....	....	....	....	.68	....	....	.24	T	....	2.60
Mtn. View[2](near)	White	....	....	....	.01	....	.26	....	....	.09	.20	....	....	....	....	.11	.96	.20	.04	....	....	....	....	.69	.09	.04	.09	T	....	2.78
Mount Ida	Ouachita	....	....	....	....	....	.20	....	....	.12	....	....	....	....	....	.28	.49	....	....	....	....	....	....	.56	....	....	.35	....	....	2.00
Mount Ida CCC	Ouachita	....	....	....	....	....	.16	....	....	.15	....	....	....	....	....	.16	.56	....	....	....	....	....	....	.15	....	....	.33	....	....	1.51
Mulberry[2]	Arkansas	....	....	....	.02	....	....	....	....	.56	.03	....	....	....	....	.40	.63	.05	.06	....	....	....	....	.74	.02	....	.13	....	....	2.64
Nashville	Red	....	....	....	.06	.03	....	....	....	.19	....	....	....	....	....	.28	.59	....	.03	....	....	....	.17	.60	....	....	.08	....	....	2.03
Newhope(near)[2]	Ouachita	....	....	....	....	.06	....	....	....	....	.20	....	....	....	....	.18	.80	....	....	....	....	....	....	1.21	.10	....	.21	....	....	2.76
Newport[2]	White	....	....	....	.07	.05	.91	....	....	.08	....	....	....	....	....	....	.54	.48	.02	....	....	....	....	.52	.17	.01	.02	.03	....	2.90
Odell (near)[2]	Arkansas	....	....	....	....	....	....	....	.14	.07	....	....	....	....	....	.21	.80	.09	.04	....	....	....	....	.21	.08	....	.09	.08	....	1.81
Oden[1]	Ouachita	....	....	....	....	....	....	....	....	.19	....	....	....	....	....	.24	.51	....	....	....	....	....	....	....	....	....	.32	....	....	1.26
Okay	Red	....	....	.02	.05	....	....	....	....	25	....	....	....	....	....	.30	.80	....	.07	....	....	....	....	.53	....	....	.15	....	....	2.17
Osceola[2]	Mississippi	....	....	T.	T.	.17	.46	....	....	....	.11	....	....	....	....	.14	.82	.62	T.	.03	....	....	....	.52	.37	T.	T.	.04	....	3.28
Ozark[2]	Arkansas	....	....	....	T.	....	.88	....	....	.24	.63	....	....	....	....	.38	.98	.08	.02	....	....	....	....	.51	.03	....	.08	.02	....	3.85
Paragould	St. Francis	....	.01	....	.20	.18	.61	....	....	.59	.05	....	....	....	....	.28	1.05	....	.01	....	....	....	....	1.01	.07	....	T.	....	....	4.06
Parkin[2]	St. Francis	....	....	....	.09	.15	.50	....	....	....	.18	....	....	....	....	.16	1.29	.59	....	T.	....	....	....	.95	.39	T.	T.	T.	....	4 30
Perryville	Arkansas	....	....	....	....	....	.39	....	....	.35	....	....	....	....	....	.20	.96	....	T.	....	....	....	....	.54	....	....	.22	....	....	2.66
Pine Bluff[2]	Arkansas	....	....	....	.01	.03	.06	....	....	....	.71	....	....	....	....	....	.71	.75	T.	T.	....	....	....	.81	.19	....	.04	.11	....	3.42
Pine Ridge[2]	Ouachita	....	....	....	....	....	.03	....	....	.04	.08	....	....	....	....	.29	56	....	....	....	....	....	....	.41	.16	....	....	.28	....	1.85
Pocahontas	White	....	.02	....	.12	....	.35	....	....	.55	.08	....	....	....	....	.45	55	....	T.	....	....	....	....	1.09	....	....	T.	....	....	3 21
Portland[2]	Ouachita	....	....	....	....	....	....	....	....	T.	.31	....	....	....	....	T.	.21	.45	....	.05	....	....	....	....	.68	.60	....	.28	....	2.58
Pottsville[2](near)	Arkansas	....	....	....	....	....	.09	....	....	....	.48	....	....	....	....	.36	.87	....	.03	....	....	....	....	.85	....	....	.02	.06	....	2.76
Prescott[2]	Ouachita	....	....	....	.06	.04	....	....	....	....	.45	....	....	....	....	.02	1.20	.29	.10	....	....	....	....	.76	.17	....	.07	.05	....	3.21
Rogers (near)	White	....	....	T.	.22	.62	....	....	....	.12	....	....	....	....	....	.47	1.68	T.	.31	....	....	....	....	.49	T.	....	.16	....	....	4.07
Rosebud	Arkansas	....	....	....	.12	....	72	....	....	....	.48	....	....	....	....	.16	1.23	....	T.	....	....	....	....	1.14	....	....	.18	....	....	4.03
Russellville	Arkansas	....	....	....	....	....	.07	....	....	....	.73	....	....	....	....	....	1.03	....	T.	....	....	....	....	.84	....	....	.11	.01	....	2.79
St. Charles[2]	White	....	....	....	.11	.10	1.08	....	....	....	.22	....	....	....	....	....	.37	.69	....	....	....	....	....	1.08	.79	....	....	T	....	4.44
St. Francis[2]	St. Francis	....	....	....	.05	.53	.38	....	....	.12	.67	....	....	....	....	.52	1.06	.32	.04	.12	....	....	....	.45	.54	.05	....	.08	....	4.93
St. Paul[2](near)	White	....	....	....	....	....	.50	....	....	.10	....	....	....	....	....	.25	.80	....	.15	....	....	....	....	.50	....	....	.12	....	....	2.42
Searcy[2]	White	....	....	....	.09	.04	.36	....	....	.05	.65	....	....	....	....	.05	.48	.45	....	T.	....	....	....	.78	.24	....	.09	....	....	3 28
Sheridan	Ouachita	....	....	T.	T.	....	.28	....	....	.46	....	....	....	....	.11	.82	....	....	....	....	....	....	....	1.15	....	....	.15	....	....	2.97
Shirley[2](near)	White	....	....	....	.75	....	.61	....	....	.14	.30	....	....	....	....	.26	.58	....	T.	....	....	....	....	.91	.13	....	.13	....	....	3.81
Siloam Springs	White	....	....	....	.20	.40	....	....	....	T.	....	....	....	....	....	.50	.78	....	.05	....	....	....	T.	.17	....	....	1.01	....	....	3.11
Sparkman[2] (near)	Ouachita	....	....	....	....	.11	.18	....	....	....	.60	....	....	....	....	1.08	.16	.11	....	....	....	....	....	.84	.02	....	.06	.02	....	3.18
Springbank[2]	Red	....	....	....	T.	T.	....	....	....	T.	.42	....	....	....	....	T.	.32	.10	....	....	....	....	....	.22	....	....	.20	T.	....	1.26
Stamps[2](near)	Red	....	....	T.	....	.05	....	....	....	....	.56	....	....	....	....	T.	.50	....	....	....	....	....	....	.44	.03	....	T.	.61	....	2.19
Stephens[2] (near)	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Story[2]	Ouachita	....	....	....	....	....	.31	....	....	....	....	....	....	....	....	....	....	.74	....	....	....	....	....	....	.43	....	....	.25	....	1.73
Stuttgart[2]	Arkansas	....	....	....	.10	.05	.62	....	....	....	.33	....	....	....	....	.02	71	.65	....	....	....	....	....	1.25	.63	....	....	T	....	4.36
Stuttgart Evap.[2]	Arkansas	....	....	....	.08	.03	.58	....	....	....	.31	....	....	....	....	.01	.61	.87	....	....	....	....	....	1.26	.70	....	....	....	....	4.45
Subiaco	Arkansas	....	....	....	....	....	T.	....	....	.32	....	....	....	....	....	.22	.85	....	T.	....	....	....	....	.75	T.	....	.10	....	....	2.24
Sugar Grove[2]	Arkansas	....	....	....	....	....	.45	....	....	.15	.35	....	....	....	....	.27	.60	.01	.02	....	....	....	....	.31	.14	....	.15	....	....	2.45
Texarkana[2]	Red	....	....	....	....	....	....	....	....	....	.28	....	....	....	....	....	55	....	....	....	....	....	....	.38	....	....	.18	....	....	1.39
Tichnor[2]	White	....	....	....	.04	.10	.05	....	....	....	.23	....	....	....	....	T.	.50	.76	....	....	....	....	....	.99	.40	....	....	.04	....	3.11
Turnpike	Arkansas	....	....	....	.02	....	.30	....	....	.51	....	....	....	....	....	1.16	.37	....	.02	....	....	....	T.	1.08	.02	....	.13	....	....	3.61
Viola	White	....	....	....	.14	....	.38	....	....	....	.38	....	....	....	....	.03	.54	.25	.10	....	....	....	....	.75	1.25	....	....	....	....	3.82
Wabash	Mississippi	....	....	.02	.18	....	.73	....	....	.05	.15	....	....	....	....	....	.98	....	....	....	....	....	....	2.16	.36	....	....	....	....	4.63
Waldron	Arkansas	....	....	....	....	....	.10	.02	....	....	....	....	....	....	....	.10	.60	.06	....	....	....	....	....	.16	....	....	.12	....	....	1.16
Walnut Grove(nr)	White	....	....	....	.20	....	.57	....	....	.82	....	....	....	....	.38	....	1.08	T.	....	....	....	....	....	....	1.00	....	.05	....	....	4.10
Warren	Ouachita	....	....	.02	T.	....	....	....	....	.55	....	....	....	....	....	T.	.95	....	.05	....	....	....	....	.75	....	....	15	....	....	2.47
Whitecliffs[2]	Red	....	.10	T.	T	....	....	....	....	....	.10	....	....	....	....	....	1.22	....	....	....	....	....	....	.57	....	....	T.	.10	....	2.09
White Rock	Arkansas	....	....	....	.12	....	.07	....	....	.51	....	....	....	....	....	.44	.58	T.	.05	....	....	....	T.	.67	....	....	.16	....	....	2.60
Wilson[2]	Mississippi	....	....	....	....	.30	.60	....	....	....	.20	....	....	....	....	.20	1.48	....	....	....	....	....	....	....	....	....	T.	....	....	2.78
Wright	Arkansas	....	....	....	.03	....	.73	....	....	.35	.03	....	....	....	....	....	1.59	....	....	....	....	....	....	1.35	....	....	.10	....	....	4.18
Wynne[2]	St. Francis	....	....	....	....	.25	.62	....	....	.20	....	....	....	....	....	.20	....	.85	T	....	....	....	....	1.10	.30	....	T.	....	....	3.52

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for February, 1942

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Monthly
Hope §§ Exp. Farm	Evap.	.220	.100	.083	.069	.018	.048	.312	.106	.074	.014	.056	.046	.078	.092	.078	.046	.078	.092	*	.126	.171	.095	.088	.130	.098	.110	*	.042	2.470
	Mean tem.	34	38	44	48	60	56	50	42	38	40	37	38	42	48	48	55	42	32	32	38	42	42	48	40	36	33	36	34	42.1
	Wind move	54	44	33	41	69	155	104	29	54	54	76	41	54	20	40	25	54	64	61	36	26	18	64	121	77	58	65	35	1572
Irons Fork §§ Exp. Forest	Evap.	.046	.031	.030	.015	.014	.099	.082	.048	.038	.006	.000	*	.076	.083	.055	.000	.035	*	*	*	*	.206	.010	.133	*	102	*	*	1.109
	Mean tem.	34	36	43	50	69	52	44	40	36	34	34	36	38	46	44	48	37	22	26	32	38	40	43	33	35	30	30	31	38.6
	Wind move	21	19	17	42	42	44	34	15	42	20	18	7	15	30	40	16	20	26	19	10	10	24	39	35	25	19	21	12	682
Russellville Ozark Nursery	Evap.	.056	.058	.044	.010	.048	.166	.084	*	*	.130	.014	.020	.108	.080	....	....	.070	.094	.056	.052	.070	.082	.066	.076	.086	.024	.080	.064	1.638
	Mean tem.	36	37	41	54	62	58	43	*	*	41	36	38	44	38	*	54	40	34	34	38	42	43	52	45	36	37	36	36	42.6
	Wind move	53	24	6	40	48	142	55	*	*	114	16	11	11	19	*	46	26	70	22	20	18	19	10	111	40	9	74	11	1015
Stuttgart §§ Rice Exp. Farm	Evap.	*	*	.163	.009	.023	.087	.138	*	.095	*	*	*	*	.170	.125	.059	.075	.056	*	*	*	*	.255	.029	*	.119	*	*	1.403
	Mean tem.	32	40	42	48	56	54	42	36	38	38	35	38	40	46	52	54	84	44	30	36	42	44	40	38	34	34	36	36	40.5
	Wind move	92	64	68	74	132	183	179	40	77	38	84	30	24	29	77	93	88	60	67	30	26	10	103	129	105	49	69	43	2013

Daily Temperatures for February, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				Mean
Alum Fork	Maximum	41	45	64	58	64	63	53	47	39	39	42	50	57	62	61	56	47	43	42	52	58	55	52	50	40	37	42	47				50.2
	Minimum	25	22	29	46	54	45	34	26	31	34	25	20	26	32	41	46	27	18	11	18	23	52	45	31	24	27	24	22				30.6
Arkadelphia §§	Maximum	51	53	63	63	72	68	65	53	42	44	46	44	49	67	64	60	56	40	47	59	62	60	56	47	48	38	42	46				53.8
	Miuimum	26	25	29	38	50	50	30	32	36	36	29	22	26	31	39	56	30	26	16	15	20	24	45	35	28	30	27	24				31.2
Batesville ***	Maximum	41	42	54	58	68	55	49	36	39	39	48	52	60	63	57	52	44	34	42	51	58	63	51	38	43	37	38	52				48.7
	Minimum	22	25	23	45	44	42	32	25	31	27	22	21	25	32	42	38	28	20	13	21	22	26	40	30	28	28	26	22				28.6
Bee Branch	Maximum	38	37	48	54	62	62	48	44	36	37	44	46	54	56	55	53	49	42	36	48	53	55	54	45	40	37	41	44				47.1
	Minimum	17	21	22	43	45	44	28	23	29	30	20	18	22	29	40	47	24	12	8	11	20	24	41	28	23	23	22	17				26.1
Benton §§	Maximum	48	48	55	62	69	62	58	37	41	42	45	53	59	60	56	58	50	36	44	58	64	62	36	46	32	36	47	48				50.4
	Miuimum	22	22	28	29	51	50	33	28	33	35	26	20	19	23	29	32	30	26	14	13	16	22	24	35	26	28	27	21				27.2
Bentonville ***	Maximum	34	52	53	68	72	49	44	56	40	35	47	53	57	60	54	51	32	22	36	46	58	53	47	28	43	35	38	45				46.7
	Minimum	18	30	35	50	46	31	28	29	32	26	21	29	33	37	44	31	16	5	6	25	27	34	28	24	23	23	22	21				27.6
Bluff City	Maximum	50	53	65	62	70	69	63	59	44	43	45	55	60	63	66	65	58	52	45	56	60	60	59	66	46	45	46	46				56.1
	Minimum	28	28	37	51	56	51	34	33	36	39	30	24	33	35	52	54	33	20	28	26	30	33	35	34	28	31	29	25				34.8
Blytheville	Maximum	36	37	50	56	63	63	56	49	40	40	41	50	59	63	57	56	56	49	38	44	55	62	51	45	57	41	37	52				49.4
	Minimum	25	24	34	42	47	48	36	33	20	32	22	23	29	32	44	47	35	20	15	25	24	29	42	30	28	28	29	29				31.1
Booneville	Maximum	45	54	62	70	72	69	55	50	44	41	44	57	62	65	61	55	49	46	46	55	62	59	57	52	44	42	44	48				53.9
	Minimum	24	29	34	49	50	46	32	33	34	33	25	22	32	39	41	47	26	15	12	19	25	32	52	31	25	30	23	20				31.4
Brinkley	Maximum	50	44	56	59	65	65	50	44	43	41	43	51	58	63	61	59	51	45	40	52	59	62	58	48	42	39	43	49				51.4
	Minimum	24	26	33	46	56	49	34	29	32	37	28	23	26	34	45	50	35	24	17	23	29	30	45	34	29	30	30	23				32.9
Camden	Maximum	50	54	62	61	69	81	62	62	52	43	44	54	59	68	67	66	61	54	47	58	62	67	65	60	51	52	47	49				58.1
	Minimum	26	23	32	49	55	51	32	31	35	37	29	21	25	29	49	53	31	27	18	20	23	25	47	34	27	30	30	22				32.5
Camp Robinson §§	Maximum	41	44	55	63	70	57	50	39	41	39	42	48	57	61	61	48	30	39	52	59	59	59	58	58	42	36	44	46				49.9
	Minimum	21	25	30	35	53	50	33	30	32	37	27	20	21	25	40	48	28	17	17	25	23	26	38	34	27	27	28	20				29.9
Clover Bend	Maximum	52	44	53	57	68	62	47	45	37	40	53	53	57	57	57	52	52	52	39	47	54	62	48	47	39	37	39	48				49.9
	Minimum	25	23	31	33	39	41	34	26	26	32	22	24	21	27	42	33	31	11	11	19	21	23	34	29	25	25	25	27				27.1
Conway	Maximum	48	46	59	61	71	66	55	46	40	40	49	53	63	66	62	59	55	47	47	56	61	63	58	50	44	40	49	51				53.8
	Miuimum	24	27	30	45	53	49	32	28	35	36	25	23	26	34	46	53	29	21	15	22	24	28	47	35	29	31	27	23				32.0
Corning	Maximum	35	35	55	59	61	62	45	40	37	37	45	50	60	62	56	54	48	36	37	45	53	60	57	46	35	37	37	54				47.8
	Minimum	22	23	29	45	45	42	33	27	28	31	23	25	26	30	41	45	32	12	12	22	22	25	41	22	24	27	27	21				28.6
Crossett	Maximum	51	54	62	60	68	69	65	67	49	49	46	57	59	67	69	61	57	56	47	57	62	64	74	64	46	42	48	52				57.9
	Minimum	26	20	34	44	55	54	28	26	30	40	31	17	23	27	49	55	38	31	17	18	21	24	42	35	27	31	30	18				31.8
Dardanelle	Maximum	46	45	51	66	72	68	54	52	45	42	46	52	60	65	58	58	50	46	45	55	59	59	58	51	42	42	45	47				52.8
	Miuimum	25	29	34	44	52	49	32	32	35	36	26	24	28	35	44	49	30	19	15	22	26	28	46	34	29	31	27	24				32.3
De Queen	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
	Miuimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
Des Arc	Maximum	42	44	56	60	66	65	51	46	41	68	54	51	58	65	61	58	53	45	59	53	59	62	58	48	42	40	44	49				53.4
	Minimum	23	25	32	45	55	49	33	31	34	37	29	25	29	39	45	52	35	22	18	24	30	34	46	35	29	30	28	23				33.5
Devils Knob	Maximum	35	38	45	60	65	59	50	45	36	35	43	41	51	54	50	51	36	35	34	46	52	52	46	42	38	35	36	42				44.7
	Minimum	15	23	30	44	49	37	24	25	27	24	22	30	35	38	38	32	25	4	8	24	31	37	40	22	18	25	18	23				27.4
Dumas	Maximum	46	47	56	60	68	70	68	54	50	43	44	55	59	62	65	62	55	47	42	55	63	55	57	52	39	40	45	48				53.8
	Minimum	26	27	35	48	55	48	48	34	30	37	29	27	27	34	50	52	34	29	20	24	38	30	42	35	30	30	31	24				34.8
El Dorado	Maximum	51	58	56	59	68	70	65	62	52	46	44	55	57	65	63	63	56	52	46	58	61	64	72	56	46	48	44	45				56.5
	Minimum	28	29	39	47	50	52	37	35	32	32	31	25	33	51	60	59	39	30	22	26	32	39	48	36	29	30	26	29				36.6
England	Maximum	44	49	60	60	68	63	60	46	41	40	43	52	59	64	66	60	52	46	42	54	60	64	58	49	44	46	45	60				53.4
	Minimum	22	27	32	45	54	40	33	30	34	37	28	26	28	34	46	52	35	24	20	24	27	31	46	36	28	31	28	25				33.0
Eureka Springs	Maximum	38	52	53	67	72	65	51	53	39	38	49	55	57	62	57	53	35	31	37	48	58	59	55	40	42	38	42	48				49.8
	Minimum	16	27	34	50	46	44	30	26	36	28	20	33	33	40	42	35	27	3	9	24	27	35	40	25	27	29	23	21				29.6
Fayetteville	Maximum	36	48	51	64	69	66	46	47	47	37	46	48	54	57	56	53	44	39	35	45	55	55	49	42	40	40	36	45				48.2
	Minimum	18	27	35	49	36	40	28	31	35	28	21	22	28	39	43	35	28	3	5	25	23	30	40	25	23	28	22	19				28.1
Fayetteville Exp. S	Maximum	37	50	52	67	70	67	47	54	49	36	49	51	53	56	57	52	39	37	35	48	56	56	55	44	44	40	37	45				49.4
	Minimum	18	31	35	49	43	40	28	30	34	28	20	26	28	34	44	35	28	1	5	25	26	34	44	25	23	29	22	20				28.8
Fordyce	Maximum	48	51	62	60	68	67	59	51	45	42	44	54	59	62	66	62	55	49	48	57	60	63	60	55	45	40	47	49				54.6
	Minimum	26	26	36	49	56	50	31	31	34	29	34	24	36	34	51	53	32	27	18	24	31	34	47	35	28	30	29	25				34.3
Fort Smith ***	Maximum	44	49	51	69	73	56	53	48	42	36	49	53	62	66	56	54	45	30	43	52	62	57	54	37	42	38	42	45				50.3
	Minimum	26	33	35	49	51	41	33	34	34	32	30	29	36	40	43	37	30	15	18	27	32	38	46	31	30	32	26	26				33.4
Gilbert §§	Maximum	55	46	58	67	71	52	45	42	42	35	49	45	58	62	57	52	41	30	43	53	61	61	53	32	41	37	43	51				49.4
	Minimum	16	22	25	24	33	33	29	19	24	30	19	18	18	20	28	43	23	11	6	5	14	18	27	28	24	24	24	14				22.1
Grannis	Maximum	48	50	62	62	70	68	64	56	46	44	47	55	60	64	55	56	55	45	45	58	58	55	60	49	46	40	45	45				53.9
	Minimum	22	24	34	47	45	42	29	29	32	26	23	20	30	34	40	38	22	13	11	19	23	28	43	27	20	27	19	21				28.1
Gravette	Maximum	36	54	50	69	72	65	65	59	52	37	42	54	58	60	57	54	37	29	36	46	58	55	53	40	44	42	37	47				50.3
	Minimum	14	25	31	49	36	40	24	29	34	27	20	17	31	37	42	33	25	− 2	− 2	18	26	31	36	23	22	28	22	17				26.1
Green Mountain	Maximum	33	39	55	59	73	66	42	39	38	39	44	50	57	54	55	56	52	51	39	47	56	60	50	47	40	34	31	47				48.3
	Minimum	20	24	28	45	57	40	31	27	28	27	23	30	36	26	42	41	40	10	11	20	26	36	41	27	24	26	24	23				29.8
Harrison	Maximum	34	45	..	62	70	65	59	44	41	41	49	54	59	61	59	52	40	35	42	48	59	58	49	43	43	37	41	50				49.6
	Minimum	20	20	..	29	29	40	33	25	30	29	21	24	25	35	32	35	30	7	5	22	21	26	42	26	24	28	25	20				26.0
Helena	Maximum	40	43	54	67	65	63	53	42	46	47	42	52	58	64	62	62	54	47	38	50	58	62	60	48	40	41	39	48				51.6
	Minimum	22	22	34	43	53	47	30	25	31	35	27	22	32	39	44	51	36	24	14	23	30	35	42	32	27	28	28	21				32.0
Highland	Maximum	50	48	62	60	70	65	63	56	45	41	43	50	57	58	60	59	51	46	42	54	57	55	59	52	44	40	44	44				52.7
	Minimum	27	27	37	49	54	47	33	32	35	33	27	25	31	37	38	45	29	21	15	22	33	31	48	32	25	30	24	26				32.6
Hope §§	Maximum	42	47	57	57	70	64	64	52	42	44	44	55	61	64	62	61	55	37	46	57	60	60	67	47	46	39	46	47				53.3
	Minimum	27	28	32	38	51	49	34	33	35	37	30	21	22	32	35	49	30	27	19	20	24	25	30	34	27	27	27	22				30.9
Hot Springs	Maximum	48	49	57	59	68	77	63	55	48	41	52	56	63	66	60	57	53	48	45	57	61	60	55	53	45	41	46	45				54.6
	Minimum	28	28	35	50	56	48	35	32	35	35	26	25	30	40	48	45	30	20	16	29	29	36	47	32	27	29	26	24				33.6
Irons Fork §§	Maximum	45	51	58	61	67	60	59	50	42	37	47	55	59	63	58	51	51	32	46	57	60	59	55	38	46	35	41	45				51.0
	Minimum	23	21	28	39	51	45	30	29	31	30	22	17	18	30	43	46	23	13	7	7	15	20	31	28	24	24	20	17				26.1
Jonesboro	Maximum	36	37	53	56	65	62	46	39	38	38	43	51	58	64	59	56	48	39	38	45	55	62	58	47	34	36	37	50				48.2
	Minimum	25	25	30	45	51	44	36	29	30	34	26	24	27	33	43	46	35	19	16	25	26	28	41	31	27	27	27	24				31.2
Lead Hill	Maximum	36	45	58	60	71	65	44	41	41	41	48	55	59	61	58	54	38	35	42	47	60	60	54	45	42	38	38	51				49.5
	Minimum	19	24	25	39	29	41	31	23	33	29	19	23	24	30	43	36	29	8	4	17	19	23	44	28	26	28	27	27				26.7
Little Rock ***	Maximum	42	45	58	61	67	62	50	40	41	41	42	49	57	61	61	59	47	38	41	53	53	60	51	43	40	36	42	45				49.6
	Minimum	29	31	36	52	57	42	36	33	35	30	28	29	33	41	47	38	34	22	20	27	31	37	43	30	29	31	30	29				34.3
Lutherville	Maximum	45	43	52	65	71	64	53	45	39	40	43	50	57	60	57	54	45	43	40	51	56	56	55	50	42	37	45	47				50.2
	Minimum	20	27	31	38	51	44	29	28	32	30	24	24	30	37	42	40	27	14	10	24	23	34	44	31	25	28	25	22				29.8
Magnolia	Maximum	53	58	69	64	72	72	70	63	50	46	44	59	62	.	..	63	62	59	49	58	63	64	61	60	51	50	47	50				58.4
	Minimum	27	31	44	52	59	42	34	34	38	40	30	50	35	..	..	44	35	28	21	24	29	32	50	35	29	33	29	24				35.7
Mammoth Spring	Maximum	36	36	56	57	62	62	45	43	37	38	47	52	60	63	57	51	43	35	41	47	54	59	56	46	42	38	35	52				48.2
	Minimum	21	23	24	46	46	43	34	26	31	32	21	26	25	28	43	43	31	15	11	18	20	23	43	30	27	30	28	18				28.8
Marianna	Maximum	40	44	55	58	65	64	52	52	45	44	44	52	56	62	60	60	58	52	45	51	59	60	59	59	47	42	42	49				52.7
	Minimum	25	25	36	44	53	49	33	28	29	36	26	24	26	34	44	51	36	25	18	24	29	32	43	33	28	28	29	23				32.5
Marked Tree §§	Maximum	36	38	51	57	65	55	40	38	43	39	41	49	57	62	55	56	45	33	37	45	56	60	47	38	40	36	38	50				46.7
	Minimum	24	24	26	34	45	47	35	28	29	33	25	22	23	26	34	42	34	25	14	15	24	25	38	30	26	27	26	22				28.7
Mena	Maximum	45	51	61	60	69	64	61	52	44	40	47	56	61	64	55	56	50	46	42	56	60	57	59	48	45	41	43	46				52.8
	Minimum	25	26	36	52	56	46	32	31	34	30	27	23	32	36	45	40	27	14	12	21	26	34	47	29	24	30	22	22				31.4
Monticello ***	Maximum	47	49	63	59	68	67	55	50	46	42	44	55	58	62	67	62	55	38	44	57	63	64	61	47	42	36	46	48				53.4
	Minimum	26	26	39	44	56	45	33	32	36	35	28	25	36	39	52	42	37	22	20	26	29	36	47	31	30	31	31	26				34.3
Morrilton §§	Maximum	44	44	58	62	69	55	53	49	43	42	45	51	59	63	60	56	47	33	43	53	61	59	49	43	42	37	44	47				50.4
	Minimum	27	28	30	34	50	46	34	29	30	34	27	25	26	27	35	46	29	21	18	17	26	26	28	34	28	28	28	25				29.9
Mountaiu Home	Maximum	37	44	54	66	70	63	44	35	40	40	48	55	61	62	59	52	38	35	42	48	59	60	55	48	42	36	36	51				49.3
	Minimum	21	25	25	44	37	41	32	26	32	29	21	24	26	33	42	35	29	10	11	20	22	28	42	26	26	27	26	19				27.8
Mt. Ida	Maximum	49	49	57	63	72	69	63	56	46	42	49	55	61	65	59	57	52	47	49	59	62	59	55	52	46	42	45	48				54.6
	Minimum	23	20	26	51	57	48	30	25	35	35	23	15	23	26	45	44	26	18	9	12	16	22	48	32	24	30	23	16				28.6
Nashville	Maximum	52	53	64	63	71	69	63	57	47	45	46	53	60	63	60	61	53	50	45	57	60	57	62	55	46	44	48	47				55.4
	Minimum	27	30	33	50	56	46	33	34	38	34	30	24	31	39	46	46	30	25	17	21	26	30	50	34	28	32	27	25				33.6
Newport	Maximum	40	42	51	58	65	63	53	45	40	40	44	50	58	63	57	54	51	39	40	47	57	62	57	49	41	38	40	49				49.8
	Minimum	26	28	27	47	52	47	36	30	32	36	28	25	27	33	45	50	32	21	17	24	27	30	44	33	29	30	28	24				32.4
Oden ***	Maximum	46	50	61	64	72	60	59	50	42	40	48	55	61	64	55	54	54	32	47	57	61	60	54	42	46	39	43	45				52.2
	Minimum	27	26	33	55	57	40	35	28	38	27	25	18	30	38	45	36	29	16	12	19	21	27	38	32	25	31	22	32				30.8

Daily Temperatures for February, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Mean
Okay	Maximum	54	57	65	66	72	71	65	64	52	46	46	54	60	64	61	62	56	54	48	59	60	60	68	58	47	46	50	50	57.7
	Minimum	28	31	39	51	56	49	33	35	39	35	31	23	31	37	47	54	32	26	19	21	24	28	50	35	28	22	28	24	34.1
Ozark	Maximum	48	49	53	70	72	67	52	49	41	42	48	54	59	63	65	56	49	46	43	55	59	58	56	54	42	40	47	50	53.1
	Minimum	21	28	35	48	48	47	29	32	34	33	25	23	30	38	43	46	28	15	13	20	27	31	45	31	26	31	25	32	31.6
Paragould	Maximum	35	35	51	55	62	60	47	40	38	39	39	46	53	58	55	55	49	36	35	40	50	58	54	47	35	36	36	47	46.1
	Minimum	25	25	32	46	45	46	35	30	30	34	26	25	26	30	44	48	34	20	17	25	25	26	42	31	26	29	28	26	31.3
Perryville	Maximum	43	46	59	62	70	67	53	49	42	42	45	53	61	65	62	62	50	47	46	55	62	61	60	52	44	41	45	49	53.3
	Minimum	25	23	29	48	51	48	32	27	34	35	26	20	25	30	43	48	28	20	13	20	22	24	47	34	27	30	27	21	30.6
Pine Bluff	Maximum	59	49	60	69	69	67	54	49	43	43	41	54	62	66	68	61	54	47	45	57	63	65	57	52	43	38	47	49	54.7
	Minimum	27	29	35	40	37	51	34	32	35	38	29	25	28	36	51	53	34	25	22	25	27	31	47	37	30	31	31	26	33.8
Pocahontas	Maximum	37	35	51	55	62	62	48	44	37	38	45	48	57	61	61	52	49	39	36	45	53	60	60	47	38	39	37	50	48.1
	Minimum	22	22	27	43	41	45	34	77	28	33	22	22	24	28	41	45	32	16	12	21	22	25	41	30	25	27	26	20	28.6
Portland	Maximum	53	64	60	60	70	70	61	53	50	50	45	57	60	65	65	60	55	50	35	45	60	68	67	57	44	40	45	50	55.7
	Minimum	28	26	34	47	53	54	34	29	35	40	31	25	28	33	50	40	40	30	22	25	28	29	47	36	31	31	31	25	34.4
Prescott	Maximum	51	55	65	63	69	69	64	60	52	44	44	55	61	64	65	63	61	54	45	57	62	62	62	55	47	47	47	47	56.8
	Minimum	30	28	36	51	52	51	34	34	37	38	30	24	30	35	50	54	33	25	19	25	28	30	50	35	28	31	28	26	34.7
Rogers	Maximum	32	52	52	68	72	49	44	55	47	36	48	54	58	60	55	48	36	32	37	48	58	56	52	40	44	36	40	48	48.5
	Minimum	15	25	31	48	40	39	27	28	34	27	20	24	29	35	40	32	27	0	4	20	25	29	40	24	22	28	22	20	27.0
Russellville	Maximum	47	46	52	66	74	69	54	..	..	52	47	54	62	64	..	63	51	50	45	56	60	60	57	55	43	43	45	49	54.6
	Minimum	25	28	30	41	49	48	32	..	..	30	25	23	27	32	..	44	29	19	22	20	25	26	46	35	28	31	28	23	30.6
St. Charles §§	Maximum	42	45	56	60	67	60	51	44	46	41	43	55	58	64	65	59	50	35	41	52	60	63	49	40	40	41	44	49	50.7
	Minimum	25	25	29	40	46	50	34	29	31	36	27	26	26	32	38	51	36	33	20	21	28	31	43	35	28	29	29	24	32.2
Searcy	Maximum	43	43	52	59	67	63	50	45	40	40	45	51	59	62	59	56	48	43	42	52	58	61	57	48	42	40	45	50	50.7
	Minimum	25	26	30	45	50	46	33	28	33	35	27	23	26	30	44	47	30	20	15	22	26	28	45	34	28	29	21	23	31.0
Sheridan	Maximum	45	48	60	62	69	66	55	48	40	41	43	54	60	65	60	60	42	43	44	56	62	64	60	51	43	39	47	50	52.8
	Minimum	23	24	30	50	56	50	32	27	34	36	26	22	25	45	53	30	24	25	13	20	24	30	47	35	26	30	27	21	31.6
Siloam Springs	Maximum	..	..	..	..	..	..	60	53	45	36	49	52	56	58	56	52	38	29	49	48	56	52	55	41	42	41	38	45	47.8
	Minimum	..	..	..	..	..	..	26	31	36	29	23	32	30	38	43	35	28	4	7	23	27	34	40	25	26	30	30	24	28.2
Stuttgart	Maximum	40	45	57	60	67	62	55	50	44	42	42	48	57	62	67	60	53	43	40	52	57	60	55	49	40	38	43	47	51.2
	Minimum	25	26	31	45	53	50	34	29	32	36	27	24	28	33	46	52	36	24	19	22	27	29	44	35	28	30	28	24	32.8
Stuttgart (near). §§	Maximum	41	45	56	59	66	59	50	42	44	41	42	51	57	63	64	60	48	35	41	53	60	61	50	40	40	38	43	48	49.9
	Minimum	24	24	28	38	46	49	33	29	31	36	28	24	24	29	39	49	37	33	20	20	24	28	31	35	29	29	29	24	31.1
Subiaco	Maximum	44	49	56	67	74	69	51	50	42	41	48	57	61	64	60	54	49	45	42	53	59	60	57	51	46	43	42	48	52.9
	Minimum	25	30	33	48	54	48	32	31	34	31	27	25	30	38	43	46	31	16	18	31	28	34	41	32	28	31	26	23	32.6
Texarkana	Maximum	53	58	69	65	74	70	67	56	49	44	47	58	64	66	61	62	59	50	48	58	62	59	73	58	49	45	49	48	57.9
	Minimum	28	28	45	51	53	47	34	34	37	31	29	25	32	37	50	50	32	22	19	24	26	32	44	32	27	31	25	26	34.0
Turnpike	Maximum	38	41	48	57	65	62	49	40	35	39	46	49	53	57	52	52	40	36	36	49	55	55	47	46	40	31	37	45	46.4
	Minimum	17	23	29	44	50	37	26	24	26	25	22	28	33	39	37	32	25	7	9	26	29	37	40	23	18	24	19	22	27.5
Wabash	Maximum	58	44	54	58	65	65	55	45	42	46	41	52	56	62	62	63	55	48	40	50	57	60	60	50	41	39	40	47	52.0
	Minimum	25	25	34	43	53	50	34	28	29	36	26	24	25	32	46	52	36	25	18	25	27	28	42	33	27	29	28	22	32.2
Waldron	Maximum	..	54	60	66	72	70	55	51	59	41	49	55	78	65	58	57	50	48	45	55	61	60	56	52	46	45	40	46	55.3
	Minimum	..	34	28	53	51	45	31	29	33	30	23	20	27	30	45	41	25	14	11	17	20	26	47	30	24	29	22	19	29.8
Warren	Maximum	49	52	62	59	68	67	60	52	47	44	43	55	58	63	68	63	56	54	45	58	61	65	63	58	44	44	47	50	55.5
	Minimum	28	25	37	51	58	54	35	32	30	40	31	26	28	34	53	55	36	30	20	26	31	29	49	37	30	32	32	25	35.5
White Rock	Maximum	38	42	46	61	65	60	48	45	35	35	42	47	53	57	51	52	38	35	36	49	53	51	51	45	39	32	40	45	46.1
	Minimum	16	26	32	44	46	37	27	25	27	23	22	28	34	37	37	33	24	4	8	25	32	37	39	21	17	24	11	24	27.1
Wilson	Maximum	45	48	56	58	66	62	52	43	43	43	40	38	43	48	57	56	52	48	38	43	46	51	52	44	37	35	37	50	47.5
	Minimum	26	28	34	48	53	48	36	30	34	34	26	26	28	32	43	46	36	23	15	26	27	37	42	32	27	27	31	24	32.8
Wright	Maximum	42	45	58	60	66	63	53	46	40	41	40	49	56	60	59	62	54	46	40	53	59	60	57	50	41	38	43	45	50.9
	Minimum	24	26	31	34	54	49	33	29	32	36	27	24	25	32	38	46	34	22	19	24	27	29	45	34	28	29	28	25	32.0
Wynne	Maximum	39	40	53	58	65	65	52	39	42	41	41	51	57	63	57	58	58	50	40	48	56	61	61	47	42	39	41	49	50.5
	Minimum	23	25	32	44	53	50	34	26	32	25	25	22	26	35	42	51	51	29	16	22	28	34	42	35	28	29	29	21	32.5

Daily River Stages for February, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Fort Smith	Arkansas	22	8.8	9.3	9.8	9.5	8.3	8.6	9.4	9.4	9.4	9.0	8.0	8.9	9.0	8.2	7.7	8.3	9.6	12.4	12.7	14.0	13.5	12.0	10.6	10.0	9.6	9.8	11.0	10.4
Van Buren	do	22	9.6	9.9	10.4	10.3	8.6	9.0	10.0	10.0	10.0	9.7	8.7	9.3	9.7	8.6	8.3	8.8	10.4	13.4	13.7	15.1	14.8	12.8	11.6	10.8	10.4	10.3	11.6	11.0
Danville	Petit Jean	20	21.9	22.3	21.0	18.7	15.5	12.4	11.7	10.8	8.9	9.7	12.8	10.8	9.2	8.2	7.4	7.7	13.7	16.8	14.2	11.3	9.8	8.2	8.8	12.4	13.2	11.3	10.6	10.0
Ozark	Arkansas	22	5.6	5.8	5.8	6.3	5.3	4.4	5.3	5.7	6.0	6.0	5.7	4.6	4.6	4.5	4.4	4.2	5.2	5.6	7.5	9.3	10.6	9.9	8.5	7.3	6.4	6.1	6.0	6.0
Dardanelle	do	22	9.4	8.3	9.0	10.0	9.3	8.9	7.6	8.3	8.5	9.0	9.0	8.1	7.6	7.3	7.6	7.3	9.0	10.3	11.3	12.2	12.9	12.8	11.5	11.1	10.2	9.6	9.3	9.8
Morrilton	do	20	5.5	6.8	6.5	6.2	6.6	6.2	5.2	5.0	5.4	5.7	6.0	5.2	4.2	4.5	4.4	3.7	5.0	6.2	7.3	9.0	9.8	10.1	9.0	8.4	7.6	6.8	6.2	6.2
Little Rock	do	23	8.6	9.5	9.4	8.8	8.4	8.9	8.1	7.6	7.5	7.7	7.9	7.9	7.3	6.6	6.8	6.6	6.6	7.7	8.4	9.7	10.6	11.3	11.2	10.2	9.9	9.3	8.6	8.2
Pine Bluff	do	25	10.8	12.7	13.0	12.9	12.2	12.0	12.2	11.6	11.0	11.0	11.1	11.5	11.3	10.5	10.0	10.0	10.2	10.2	11.5	12.4	13.6	13.8	14.8	14.9	13.7	13.1	12.6	12.0
Gilbert	Buffalo	30	5.5	5.2	5.0	4.8	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.6	4.6	4.5	4.5	4.5	5.1	4.9	4.8	3.7	4.6	4.7	4.9	6.3	5.8	5.6	5.3
Black Rock	Black	14	12.2	12.5	12.6	12.7	12.6	12.6	12.8	12.5	12.4	12.8	13.0	12.9	12.7	12.3	11.8	12.2	12.5	12.4	12.1	11.9	11.6	11.2	10.8	12.7	13.7	13.8	13.8	13.6
Heber Springs	Little Red	30	12.3	10.3	9.2	8.4	8.1	8.6	8.5	7.9	7.5	8.5	8.5	8.0	7.6	7.2	6.9	7.2	9.8	9.7	8.8	8.1	7.7	7.2	7.6	10.8	10.5	9.4	8.7	8.1
OzarkBeachMo	White	30	4.6	5.7	6.0	5.4	5.0	4.8	4.8	4.7	4.6	4.6	4.4	3.2	3.2	3.5	2.7	1.4	4.0	5.6	6.4	6.2	5.6	5.2	5.0	6.4	6.6	7.4	6.8	6.2
Cotter	do	21	5.9	6.0	6.0	5.2	6.2	5.9	6.2	6.2	6.1	6.0	5.8	5.8	5.7	4.6	4.5	4.3	4.7	5.0	6.9	7.8	7.8	7.0	6.6	6.8	9.0	8.5	8.6	8.2
Calico Rock	do	18	6.5	7.3	6.8	7.3	5.8	6.5	6.3	6.3	6.0	5.8	5.7	5.5	5.3	4.5	4.4	4.4	4.5	6.8	7.1	7.3	7.2	6.8	6.7	7.6	10.9	9.6	9.3	8.7
Batesville	do	23	10.7	12.8	10.5	12.3	12.5	12.0	11.6	11.5	11.2	11.2	10.8	10.5	10.1	9.8	9.5	10.2	10.3	10.4	12.2	12.6	12.6	12.4	12.0	12.6	15.2	16.5	15.2	14.8
Newport	do	26	12.7	14.6	15.5	15.5	15.8	16.0	15.9	15.5	15.3	15.3	15.3	15.0	14.7	14.1	13.6	13.1	14.2	14.5	15.0	15.6	15.9	15.8	15.5	15.8	16.3	18.4	19.2	19.1
Georgetown	do	21	16.6	17.4	17.6	17.9	18.0	18.3	18.7	18.7	18.8	18.9	19.0	19.0	18.9	18.7	18.4	18.2	18.4	18.5	18.5	18.6	18.5	18.5	18.5	18.9	19.1	19.3	19.5	19.6
Des Arc	do	24	17.6	18.5	19.1	19.6	19.9	20.3	20.5	20.5	20.5	20.8	20.9	21.0	21.0	20.8	20.7	20.7	20.8	20.7	20.7	20.7	20.7	20.7	20.8	21.0	21.1	21.1	21.2	21.3
Clarendon	do	26	20.9	21.5	22.0	22.5	22.9	23.5	24.0	24.3	24.5	24.7	24.9	25.1	25.2	25.3	25.3	25.3	25.4	25.4	25.4	25.4	25.3	25.3	25.4	25.5	25.6	25.6	25.6	25.6
St. Charles	do	25	19.7	20.2	20.5	20.8	21.0	21.2	21.9	22.3	22.6	23.0	23.2	23.5	23.6	23.9	24.1	24.2	24.4	24.5	24.6	24.6	24.7	24.7	24.8	24.9	24.9	24.9	24.9	24.9
Glenwood	Caddo	..	6.5	6.2	6.1	6.0	6.0	6.2	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	6.7	6.6	6.2	6.1	6.0	6.0	5.9	6.3	6.5	6.4	6.4	6.3	6.2
Arkadelphia	Ouachita	17	11.0	8.9	8.8	8.5	8.3	8.5	8.0	8.1	7.7	8.2	8.1	8.0	7.9	7.9	7.6	6.8	9.6	8.9	8.4	8.0	7.9	6.8	5.9	9.8	9.2	9.0	8.9	8.4
Boughton	Little Mo.	20	13.6	14.2	11.4	9.0	8.2	7.8	7.4	7.5	7.4	6.9	6.7	6.5	6.2	6.0	5.8	6.4	9.4	11.9	11.4	9.1	8.0	7.1	7.5	11.2	12.9	12.4	10.5	9.5
Camden	Ouachita	26	13.5	18.0	18.9	18.0	17.0	15.9	14.0	13.2	11.3	11.7	11.7	11.3	12.0	11.7	11.2	10.8	10.8	13.9	16.0	16.4	15.9	15.0	13.5	11.9	14.8	17.4	18.0	17.7
Benton	Saline	20	12.0	9.2	8.4	7.8	7.5	8.4	11.3	9.0	8.3	8.0	7.8	7.4	7.0	6.8	6.6	6.6	9.7	9.3	8.4	7.8	7.3	7.2	7.2	9.3	8.7	8.0	7.8	7.6
Index	Red	25	9.0	9.4	11.4	11.7	10.9	10.0	9.7	9.0	9.0	8.8	8.8	8.4	8.4	8.4	8.4	8.4	8.4	8.4	11.0	12.4	12.6	12.4	11.4	10.4	9.9	9.8	9.8	9.8
Fulton	do	25	9.4	10.6	11.3	12.4	11.8	10.7	9.8	9.2	8.9	8.5	8.2	8.0	7.8	7.6	7.6	8.0	8.5	8.5	9.7	12.5	12.9	12.7	11.8	10.7	10.4	10.9	11.1	11.0
Big Lake Outlet	St. Francis	10	8.5	9.1	9.7	10.1	10.3	10.4	10.5	10.6	10.8	10.9	10.9	10.9	10.9	10.8	10.7	10.8	10.8	11.1	11.5	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	12.0
St. Francis	do	18	15.9	16.0	16.1	16.3	16.9	17.6	18.0	18.3	18.7	19.3	19.4	19.3	19.1	19.0	18.8	19.0	19.2	19.0	18.7	18.4	18.0	17.5	16.9	16.9	16.8	16.8	16.8	17.0
St. Francis L.L.	do	..	20.9	21.0	21.1	21.3	21.5	21.8	22.0	22.1	22.3	22.4	22.7	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.3	23.5	23.6	23.8	23.8	23.8	23.7	23.7	23.7	23.7
Marked Tree	do	17	6.9	6.9	6.9	6.9	7.0	6.9	7.0	7.2	7.2	7.2	5.9	7.2	7.3	7.3	7.3	7.4	7.7	7.8	7.9	7.9	7.6	7.8	7.9	7.9	7.9	7.9	7.9	7.8
Parkin	do	28	9.0	9.0	8.5	8.0	7.7	7.9	8.2	8.6	8.6	8.6	8.6	8.2	8.6	8.9	9.2	9.8	11.2	12.2	12.7	12.5	12.2	11.9	12.0	13.0	13.6	13.8	13.8	13.5
Madison	do	32	8.5	8.8	8.6	8.0	7.5	7.5	7.7	8.2	8.3	8.5	8.6	8.8	9.3	10.3	11.3	12.0	13.0	13.9	14.1	14.2	14.1	14.1	14.7	15.6	15.9	16.2	16.2	15.9
Helena	Mississippi	42	14.9	15.2	15.0	15.1	15.6	16.2	16.3	16.1	16.0	16.9	19.3	22.2	24.6	26.6	27.8	28.3	28.4	28.2	28.0	27.9	28.4	28.8	29.5	30.1	30.3	30.1	29.8	30.0
Arkansas City	do	42	11.7	12.2	12.9	13.6	13.7	13.8	14.1	14.3	14.4	14.3	14.6	16.0	18.0	19.9	21.1	22.3	22.7	22.8	22.8	22.7	22.8	23.3	23.8	24.5	24.8	25.0	25.0	24.7

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ^{1}Precipitation is for the 24-hour period, midnight to midnight. ^{2}Precipitation measured in morning; amount recorded is for the preceding 24 hours. ^{3}Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Corley, Paris; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Hon, Waldron; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 3-27-42-1200

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVII Little Rock, Ark., March, 1942 No. 3

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The month was slightly warmer than normal and considerably warmer than March, 1941. The mean temperature for the State was 53.0°, which is 0.4° above the 52 year average. Of the 83 stations reporting temperatures, Magnolia was the warmest with a mean temperature of 59.3°, and Gilbert was the coolest with a mean of 46.8°. Warmer than normal weather prevailed during the first 16 days of the month. The remainder of the month was quite cool with freezing temperatures and killing frost at many places on the 31st. The highest temperature reported was 89° at Magnolia on the 16th, and the lowest was 18° at Irons Fork on the 1st. The warmest weather prevailed from the 13th to 16th, the coolest on the first three days and at the close of the month, all stations recording freezing temperatures during the month.

There were fifteen clear, seven partly cloudy, and nine cloudy days during the month. Sunshine amounted to 71% of the possible amount which is slightly more than the amount received during an average month.

Precipitation averaged slightly less than four inches in Arkansas during March, and was 0.65 inch less than the 52 year average. Considering individual stations, amounts ranged from 0.88 inch at Mountainburg to 7.42 inches at Magnolia. Fourteen stations recorded less than two inches and sixty stations reported over four inches of rain and melted snow. Stations in the eastern districts reported the heaviest amounts of precipitation; those in the northwestern section reported the least. Precipitation was general in most sections on the 1st and 2d, 7th and 8th, 25th and 26th, being quite well distributed through the month.

More snow fell during the month than in any previous March since 1924, averaging two inches for the entire State. Irons Fork measured 15 inches and several other stations measured more than five inches. Practically all of the snow fell on four days, 1st, 2d, 7th and 8th. The snow was very wet and heavy, some of it melting as it fell while the remainder remained on the ground for only a few hours.

The Arkansas River was well below flood stages at all points during the month, although a tributary, the Petit Jean rose to a stage of two feet above flood stage at Danville. The Black River rose to two feet above flood stage at Black Rock on the 16th. The White River was slightly above flood stage at Clarendon most of the month, and slightly exceeded flood stage at Georgetown and St. Charles. The Ouachita River rose to 19.5 feet, 2.5 feet above flood stage at Arkadelphia on March 9th, and 30.2 feet, 4 feet above flood stage at Camden on the 14th. Some bottom land along the Ouachita was inundated, causing some delay in spring farming operations and necessitating some replanting of early crops. Otherwise there was no flood damage of consequence during the month.

The first half of the month was quite favorable for spring farm work and good progress was made in plowing and planting gardens. In the southern sections some garden produce was appearing on the market before the end of the month. The latter half of the month was too cool for the planting and growth of crops and farming operations were considerably delayed. Many stations in the State reported freezing temperature and killing frost on the 31st. **B.N.W.**

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville	29.94	30.46	31	29.34	6	10.1	25	s.	6	..	..	..	75
Fort Smith	29.90	30.44	31	29.40	16	8.9	34	nw.	16	..	..	..	83
Tittle Rock	29.93	30.41	31	29.49	16	9.7	27	w.	16	79	50	53	65
Memphis .	29.92	30.36	31	29 40	8	9.5	24	nw.	21	80	60	61	65

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog.	1	..	..	..	1	..	3	.	..	..	.	..	..	2	7	..	..	..	..	..	..	..	.	..	1	4	1	..	..	..	..
High winds	1	6	1	..	3	18	15	15	5	10	2	1	..	1	.	36	6	4	9	7	10	3	1	7	13	4	11	9	1	6	4
Hail......	1	..	..		..	..	.	..	..	.	..	1	6	2	..	..	.	..		.	..	..	..	..		1	..	..	..	..	.
Thunderstorms ..	1	..	.	1	..	..	7	1	..	.	.	21	22	..	..	3	..	.	..	3	..	..	..	..	13	5	..	..	..	..	..

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	79	10	5.10	......	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1 3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	88	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0.8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T.	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2.21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T.	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
1937	48.7	84	14	3 04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
1939	54.4	88	19	3.71	T.	8	14	8	9
1940	52.0	88	9	2.39	0.7	7	14	7	10
1941	47.5	80	13	2.21	0.2	7	13	8	10
1942	53.0	89	18	3.95	2.0	8	15	7	9
Period	52.6	98	1	4.60	0.5	8	13	7	11

Climatological Data for March, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	5	51.6	......	75	15§	28	3§	4.84	......	2.00	8	T.	9	8	15	8	e.	L. R. Water Works
Arkadelphia	Clark	200	46	52.2	......	82	13	26	5	4.78	+0.31	1.80	26	0.0	5	14	5	12	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	57	......	......	......	......	......	......	6.65	+1.45	1.58	8	0.0	9	14	7	10	......	George W. Reitzammer
Batesville Airway	Independence	363	5	52.0	+ 1.8	83	16	29	3§	3.07	......	1.14	7	T.	10	12	9	10	nw.	Airway Observer
Batesville Livestk.	Independence	....	1	51.0	......	80	16	27	1	2.98	......	1.55	7	T.	5	17	9	5	s.	Experiment Farm
Batesville River	Independence	277	42	......	......	......	......	......	......	3.76	−0.52	1.25	8	0.5	9	14	5	12	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	49	49.0	− 2.8	75	15§	23	31	4.95	+0.57	2.00	8	3.0	6	12	12	7	n.	Minnie Scanlan
Benton	Saline	285	6	49.4	......	81	13	20	2	3.97	......	1.24	26	0.2	7	19	6	6	sw.	S. A. Burks
Bentonville	Benton	1295	36	47.9	− 0.5	74	15	21	1	1.52	−2.51	0.51	25	0.5	6	13	15	3	nw.	U. S. Weather Bureau
Bethesda †	Independence	500	2	52.0	......	82	16	27	28	3.12	......	1.58	7	....	7	10	14	7	nw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	11	......	......	......	......	......	......	4.26	......	1.23	26	T.	9	13	5	13	......	C. J. Brooks
Black Rock	Lawrence	259	40	......	......	......	......	......	......	3.31	−1.05	1.07	8	0.5	9	17	0	14	......	Vernon C. Howe
Bluff City	Nevada	....	1	56.8	......	82	13	29	3	5.17	......	2.70	25	T.	5	21	2	8	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	16	54.0	− 2.4	80	15	26	1	6.56	+1.22	2.00	27	0.5	9	15	12	4	s.	Maureen K. Norris
Booneville (near)	Logan	465	27	52.8	− 0.4	80	13§	25	3	2.88	−1.15	0.92	8	5.0	8	19	5	7	w.	F. H. Randolph
Boughton †	Clark	235	6	......	......	......	......	......	......	4.45	......	1.89	26	T.	5	16	2	13	......	Ruby A. Buie
Brinkley	Monroe	205	56	54.4	+ 1.1	80	14	29	1	6.04	+0.75	1.72	8	T.	9	13	10	8	nw.	R. J. Torry
Calico Rock	Izard	361	37	......	......	......	......	......	......	3.11	−0.93	1.70	8	T.	7	13	4	14	......	William Jones
Camden	Ouachita	116	56	56.0	+ 1.0	83	16	28	3	4.64	+0.01	2.25	26	T.	8	13	5	13	s.	J. M. Knight
Camp Robinson	Pulaski	463	1	51.8	......	82	16	20	1	4.71	......	1.53	26	4.2	8	16	7	8	nw.	U. S. Army
Clarendon	Monroe	172	37	......	......	......	......	......	......	5.13	+0.19	1.92	26	T.	9	14	3	14	......	R. M. Wheatley
Clinton †	Van Buren	516	20	......	......	......	......	......	......	3.96	−0.60	2.22	7	T.	6	13	12	6	......	Doyle G. Love
Clover Bend	Lawrence	235	3	50.2	......	87	16	19	1	3.43	......	1.31	8	2.0	6	15	11	5	se.	Farm Security Adm.
Conway	Faulkner	309	58	55.2	+ 1.4	83	13§	28	3	4.50	+0.22	2.24	8	6.0	8	17	9	5	s.	E. E. Cordrey
Corning	Clay	293	48	52.5	+ 1.3	81	16	27	1§	2.37	−1.99	0.94	8	....	7	20	3	8	w.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	2.17	−0.96	0.85	8	2.0	4	13	11	7	......	O. B. McSpadden
Crossett (near)	Ashley	175	29	55.2	− 0.2	83	13§	25	28	5.32	+0.18	2.10	8	0.0	9	14	9	8	s.	U. S. Forest Service
Danville	Yell	327	25	......	......	......	......	......	......	3.83	+0.09	1.40	8	3.2	6	12	10	9	......	J. M. Patterson
Dardanelle	Yell	330	55	55.6[a]	+ 2.8	80[a]	16	29[a]	3	3.84	−0.14	1.22	8	0.0	6	9	14	8	n.	Geo. N. Goodier
DeQueen	Sevier	426	6	54.8[c]	......	83[c]	13	24	3	3.35	......	0.90	25	T.	6	19	3	9	w.	L. D. McCown
Des Arc	Prairie	204	3	55.8	......	83	16	30	3	5.35	......	1.88	26	T.	10	13	2	16	s.	Z. R. Glenn
Devils Knob †	Johnson	2350	5	48.0	......	73	15	21	2	2.86	......	1.05	25	5.0	9	17	7	7	nw.	U. S. Forest Service
Dumas	Desha	162	36	56.4	+ 1.1	85	13	30	3	4.92	−0.84	1.76	8	T.	12	12	11	8	s.	Ben Johnson
El Dorado	Union	270	41	55.4	− 0.8	84	13§	31	28	4.11	−0.85	1.59	26	T.	10	18	5	8	s.	Mrs. E. W. Gaston
England	Lonoke	229	35	54.6	+ 0.2	84	16	31	3§	5.28	+0.44	2.10	8	T.	9	11	15	5	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	41	51.7	+ 1.6	82	15	25	31	1.46	−2.52	0.42	25	1.5	10	21	4	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	4	50.2	......	80	15	25	3	1.40	......	0.32	12	4.8	11	11	8	12	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	54	49.8	+ 0.3	78	15	24	31	1.38	−2.32	0.32	12	4.3	10	15	11	5	nw.	University of Arkansas
Fordyce	Dallas	280	1	56.5[a]	......	84[a]	16	28[a]	3	5.15	......	1.55	8	3.0	10	15	9	7	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	60	52.9	+ 0.3	80	15	31	3	1.53	−1.48	0.51	1	T.	5	15	9	7	e.	U. S. Weather Bureau
Fort Smith Wtr. P. †	Crawford	793	4	......	......	......	......	......	......	1.46	......	0.71	26	T.	5	12	11	7	......	Ft. Smith Water Plant
Fulton	Hempstead	260	56	......	......	......	......	......	......	5.05	+0.71	2.05	8	T.	7	15	2	14	......	T. J. Logan
Georgetown	White	200	29	......	......	......	......	......	......	4.67	−0.02	1.50	26	2.0	8	15	3	13	......	C. G. Long
Gilbert	Searcy	600	16	46.8	......	81	15§	21	3§	2.51	−0.21	0.90	8	...	6	17	1	13	......	F. E. King
Glenwood	Pike	547	6	......	......	......	......	......	......	5.27	......	1.81	26	3.0	6	13	4	14	......	Chas. A. Price
Grannis	Polk	950	22	51.0	− 0.4	81	13	22	3	3.59	−1.35	1.34	25	7.5	10	18	5	8	w.	W. E. McVay
Gravette	Benton	1250	44	49.0	+ 3.0	80	15	21	3	1.39	−2.23	0.39	12	...	6	25	3	3	nw.	Julius A. Schmidt
Green Mountain †	Stone	1100	4	51.8	......	77	16§	26	2	3.31	......	1.91	8	1.5	8	19	5	7	nw.	U. S. Forest Service
Harrison	Boone	1052	41	50.1	+ 1.5	81	15	25	29§	1.83	−1.76	0.61	12	T	5	20	7	4	nw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	4.08	......	1.32	8§	T.	9	14	6	11	......	Lester B. Logan
Helena	Phillips	300	69	54.2	+ 0.6	81	15	27	3	4.57	−1.14	1.20	8§	0.5	11	14	6	11	nw.	James A. Burnett
Highland	Pike	491	22	53.8	− 2.0	79	13	29	2	3.95	−0.42	1.65	7	7.0	5	16	10	5	sw.	Clyde Cooley
Hope (near) ‡‡	Hempstead	375	71	53.2	− 3.4	83	13	26	1	4.83	+0.17	1.80	26	T.	5	4	17	10	sw.	Experiment Farm
Hot Springs	Garland	600	50	56.4	+ 2.9	82	13	32	2§	3.37	−1.06	1.45	8	4.0	10	17	4	10	s.	National Park Service
Index †	Little River	275	24	......	......	......	......	......	......	2.60	−1.44	0.90	26	T.	4	21	0	10	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	3	48.8[a]	......	80[a]	13	18	1	5.52	......	2.23	13	15.0	9	19	3	9	w.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	6.56	+2.25	3.16	8	2.0	7	15	5	11	nw.	U. S. Forest Service
Jonesboro	Craighead	345	46	53.8	+ 1.6	80	16	30	3	4.28	−0.28	1.00	13	1.4	8	8	8	15	sw.	Benedictine Sisters
Lead Hill	Boone	650	35	48.6	− 0.2	84	15	21	3§	1.52	−2.12	0.40	12	T	10	15	8	8	nw.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	62	54.1	+ 1.1	80	16	32	2	4.14	−0.48	2.06	7−8	3.0	10	11	16	10	nw.	U. S. Weather Bureau
Little Rock Airport	Pulaski	257	5	53.8	+ 0.8	82	16	32	1	4.23	−0.39	1.42	25	4.3	11	11	10	10	w.	W. B. Airport Station
Lutherville †	Johnson	775	43	51.6	0.0	77	15	27	3§	3.37	−0.64	1.20	8	7.1	8	12	11	8	w.	H. G. Lenhardt
Madison	St. Francis	209	11	......	......	......	......	......	......	6.77	+1.73	1.75	13	0.2	8	6	13	18	......	J. W. Eppes
Magnolia	Columbia	315	25	59.3	+ 2.5	89	16	27	3	3.28	−1.18	1.36	26	2.9	6	10	17	4	s.	State Agri. School
Mammoth Spring	Fulton	600	37	51.8	+ 2.0	84	16	27	28§	3.09	−0.57	1.90	8	2.0	6	11	12	8	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	30	54.3	+ 0.8	80	15	29	3§	4.73	+0.06	1.85	8	T.	9	12	9	10	s.	Cotton Exp. Station
Marked Tree	Poinsett	229	37	50.8	+ 0.4	80	15	23	1	5.12	+0.23	1.46	26	0.3	9	8	20	3	n.	Charles Walton
Mena	Polk	1207	53	53.2	+ 0.9	82	13	27	3	3.25	−0.98	1.13	13	7.0	7	14	8	9	sw.	E. W. St. John
Monticello Airway	Drew	273	1	55.2	......	83	14	29	3	7.42	......	1.78	26	0.5	10	11	10	10	s.	Airway Observer
Morrilton †	Conway	315	25	51.0	+ 0.2	78	13§	25	1	4.61	+0.93	1.93	8	T.	9	10	7	14	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	4	......	......	......	......	......	......	0.88	......	0.42	12	T.	3	20	5	6	n.	C. A. Lovell
Mountain Home †	Baxter	800	29	50.1	+ 0.1	81	16	26	29	1.88	−1.63	0.90	8	6.0	5	13	7	11	w.	H. N. Haibert
Mountain Valley	Garland	788	4	......	......	......	......	......	......	6.25	......	3.15	8	5.0	7	16	6	9	s.	G. A. Cockman
Mount Ida	Montgomery	702	42	52.4	+ 0.2	84	13	21	3	5.02	+0.86	1.27	8	4.0	8	13	9	9	w.	J. S. Whittington
Mt. Ida CCC	Montgomery	750	2	......	......	......	......	......	......	4.64	......	1.38	8	6.1	7	17	9	5	w.	U. S. Forest Service
Mulberry (near) †	Franklin	433	3	......	......	......	......	......	......	2.37	......	0.86	26	5.6	5	20	3	8	......	Clifton Ward
Nashville	Howard	350	3	54.9[b]	......	83[b]	13	26[b]	3	4.40	......	1.34	25	T	9	21	5	5	sw.	Brice Carruth
Newport	Jackson	231	58	54.6	+ 2.3	82	16	32	28	4.70	+0.28	1.28	13	T.	7	13	7	11	n.	J. D. Henderson
Oden	Montgomery	800	14	56.0[a]	......	82[a]	13	26[a]	3	3.73	+0.01	1.17	8	12.5	7	19	5	7	sw.	U. S. Forest Service
Okay	Howard	288	13	56.9	+ 0.6	83	13	26	3	5.18	+1.31	1.80	8	2.0	9	15	9	7	s.	Charles R. Jackson
Osceola	Mississippi	250	41	......	......	......	......	......	......	4.95	−0.14	1.19	26	1.2	8	15	9	7	......	G. H. Banks
Ozark	Franklin	396	46	52.8	+ 0.4	80	15	25	3	2.36	−1.49	0.60	26	0.0	7	11	6	14	w.	Orkney O. Milton
Paragould	Greene	275	18	52.2	......	76	15§	29	1	4.54	−1.24	1.47	8	3.5	11	18	9	4	sw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	6.36	+0.96	1.60	26	T.	9	13	3	15	......	Carroll King
Perryville	Perry	325	2	54.2	+ 2.7	82	13	29	3	4.65	+0.79	2.72	8	T.	6	11	15	5	w.	Lillie Cranford
Pine Bluff	Jefferson	215	54	57.3	+ 2.5	87	16	31	3	4.82	−0.35	1.81	26	T	9	16	8	7	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	4.61	−0.14	1.63	13	7.0	6	14	10	7	nw.	J. R. Huddleston
Pocahontas	Randolph	300	48	52.4	+ 1.4	81	17	28	1	2.66	−1.70	1.13	8	0.5	6	16	8	7	n.	Benedictine Sisters
Portland	Ashley	122	35	56.1	− 0.6	82	14	30	3	6.48	+1.31	2.20	8	T.	10	13	12	6	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	57.0	+ 1.4	83	13§	31	3	4.75	+0.25	1.91	26	0.8	6	20	3	8	s	W. R. Hambright
Rogers	Benton	1300	51	49.0	0.0	80	15	24	3	1.28	−2.12	0.40	25	1.0	8	20	5	6	nw.	Howard Fowler
Rosebud	Faulkner	680	7	......	......	......	......	......	......	4.44	......	1.93	8	3.0	7	18	7	6	sw.	G. A. Maddox
Russellville ‡‡	Pope	526	29	51.2[b]	+ 1.9	79[b]	13§	29[b]	3§	3.67	−1.21	1.69	8	T.	9	19	7	5	s	U. S. Forest Service
St. Charles	Arkansas	175	8	53.8	......	83	15	29	3	4.57	......	1.37	8	T	10	14	4	13	s.	U. S. Biological Survey
St. Francis	Clay	290	14	......	......	......	......	......	......	4.72	−0.68	0.83	8	0.2	12	16	4	11	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	53.8	+ 1.6	83	16	31	1§	4.30	+0.24	1.40	26	1.5	8	17	2	12	sw.	Walter A. Smith
Sheridan	Grant	....	1	55.4	......	83	16	28	28	5.32	......	1.90	8	8.4	8	10	15	6	sw.	Ark. Forestry Com.
Siloam Springs	Benton	....	1	49.2	......	77	15	24	3	1.93	......	1.09	1	T	5	16	12	3	s.	Frank A. Treadwell
Springbank †	Miller	240	32	......	......	......	......	......	......	4.48	......	1.52	26	T.	9	13	0	18	......	Henry Field
Story	Montgomery	650	17	......	......	......	......	......	......	2.23	−2.05	0.67	13	1.0	6	19	5	7	s.	S. C. Story
Stuttgart	Arkansas	214	54	54.3	+ 0.5	80	14§	28	3	5.91	+0.92	2.25	26	2.0	8	20	5	6	nw.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	6	52.3[a]	......	80	14§	27	1	5.04	......	1.99	25	0.8	9	......	......	......	......	Rice Experiment Sta

Climatological Data for March, 1942 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	53.2	+ 0.2	82	15	28	2	2.77	−0.96	1.13	8	7.5	8	16	7	8	sw.	New Subiaco Abbey
Texarkana	Miller	332	57	56.4	+ 0.2	86	13	27	3	4.78	+0.52	1.90	8	2.0	6	18	4	9	n.	H. S. Brashear
Turnpike†	Pope	2240	17	49.2	......	76	15	24	2	2.52	−1.97	0.82	25	5.0	12	20	5	6	sw.	U. S. Forest Service
Wabash	Phillips	179	2	54.2	......	80	15	26	30	4.22	......	1.58	8	T.	7	11	8	12	s.	Farm Security Adm.
Waldron	Scott	675	22	52.0[a]	......	80[a]	13	23[a]	3	1.46	−2.81	1.00	8	3.5	5	14	10	7	sw.	Wilson Ferguson
Warren	Bradley	206	47	57.8	+ 1.8	85	14	31	2	4.32	−0.87	1.75	8	T.	9	12	3	16	sw.	C. N. Turner
Whitecliffs	Little River	290	35	....	......	......	......	......	......	3.78	−0.41	1.40	9	T.	5	19	2	10	......	L. M. Snead
White Rock†	Franklin	2285	5	49.0	......	76	15	24	2	2.14	......	1.25	25	4.0	6	18	7	6	nw.	U. S. Forest Service
Wilson	Mississippi	237	16	52.3	+ 0.2	80	15	28	1	2.44	−2.97	0.55	13	T.	4	23	1	7	s.	D. O. Anderson
Wright	Jefferson	234	2	54.3	......	80	16	30	29	5.55	......	2.40	8	1.1	8	15	11	5	sw.	Farm Security Adm.
Wynne	Cross	167	33	54.4	+ 2.8	80	15	27	31	4.36	−0.49	1.55	26	3.5	8	13	10	8	n.	B. M. Eddins
State Means		..	..	53.0	+ 0.4	89	16	18	1	3.95	−0.65	3.16	8	2.0	8	15	7	9	s.	

Daily Precipitation for March, 1942

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott [2]	Arkansas		.58			.30			.46	.28																	.06						1.68
Alum Fork Reser.	Ouachita	.05	.34			.22		.16	2.00				T.			T	.62	T.			T.	.07				.83	.55						4.84
Arkadelphia [2]	Ouachita		.51			.20			1.72	.55							T.					T.					1.80						4.78
Arkansas City [2]	Mississippi		.85	.02	T.	.62	.11		1.58	.35				T.		T.		T.				1.21					1.20	.71			T.		6.65
Batesville Air'y. [1‡]	White	.18	.01		.01			1.14	.37				.14	.18			T.				.07					.96	T.			.01			3.07
Batesville Livestk.	White	.21						1.55	.22					.09												.91							2.98
Batesville River [2]	White		.35	.01		.01				1.25	.40			.50		T						.15					1.08				.01		3.76
Beaty Lake(near)	St. Francis	T	.50			.13			1.93			T		.81		T	.05					1.40				.09	1.33	.40					6.64
Bee Branch	Arkansas		.35			T.		.20	2.00					.50												.50	1.40						4.95
Beech Grove(near)	White		.20						1.39					.51	.43	.30						.26				.17	.72	.02			.07		3.98
Beedeville [2]	White		.35						.98	.95				.51				.03	T.			.26					1.06	.06					4.20
Benton [2]	Saline		.53			.11			.92	1.07				.04			T					.06					1.24						3.97
Bentonville [1‡]	Arkansas	.21	.01		.23			.06					.50								T.					.51							1.52
Bethesda [1]	White	.13	.07					1.58	.32				.02	.08												.92							3.12
Big Lake Outlet [2]	St. Francis		.23	T					.89	.41				.73	T.			.05				.48					1.28	.14					4.26
Black Rock [2]	White		.08						1.07	.37				.23	.11	.26							.10				1.05				.04		3.31
Blue Mountain [2]	Arkansas		.25			.20				.65				.20													.30						1.60
Bluff City (near)	Ouachita	.08	.78						1.39													.22				2.70							5.17
Blytheville [2]	St Francis		.10	.04					.58	1.17				.75			.10					.61					1.21	2.00					6.56
Booneville (near)	Arkansas	.55	.30			.20		.02	.92				.60	.10												.19							2.88
Booneville [2]	Arkansas		.85			.25		.62	.12				.25	.78			T.					T.					.16			T.			3.03
Boughton [2]	Ouachita		.93			.49			.94	.20																	1.89						4.45
Brinkley	White		.55			.18			1.72					1.13			.27					.42				.23	1.33	.21					6.04
Calico Rock [2]	White		.16						1.70	.10				.05	.30							.05					.75						3.11
Camden	Ouachita		.47			.34	.05		1.01	.43							.02					.07					2.25						4.64
Camp Chaffee	Arkansas	.69			.22			.21					.57													.21							1.90
Camp Marion [2]	Arkansas	.70							1.60												.10						1.70						4.10
Camp Robinson [2]	Arkansas		.35			.10			1.25	.94				.35	T.		.03					.16					1.53						4.71
Carlisle [2]	Arkansas		.54			.15			1.46	.90				.30	.04		T.	.08				.28					1.86	T.					5.61
Clarendon [2]	White		.34	.01		.16			.73	.62				.65				.17				.29					1.92	.24					5.13
Clinton	White		.18					2.22						.12					.12							.93	.39						3.96
Clover Bend	White							.20	1.31							.43						.16				.33	1.00						3.43
Cold Springs	Ouachita	.70			.33				1.54				.20								.02					.40							3.19
Conway	Arkansas		.29			.11		.13	2.24					.61							.02					.54	.56						4.50
Corley [2] (near)	Arkansas		.78			.16		.53	.51					.38												.73							3.09
Corning [2]	White		.05						.94	.09				.25		.15						.09					.80						2.37
Cotter [2]	White		.42			T.			.85					.20		T.											.70						2.17
Crossett [near]	Ouachita	.24	.41			.41			2.10												.09	.14				.67	1.00	.26					5.32
Danville [2]	Arkansas		.74			.22			1.40	.72				.39		T.						T					.36						3.83
Dardanelle [2]	Arkansas		.56			.15			1.22	.49				.72													.70						3.84
Denmark [2]	White		.75			.03			1.25	.34				1.21	.01		.01					.11					1.52						5.23
De Queen	Red	.50	.30			.60	.60	.45																		.90							3.35
Dermott [2]	Mississippi		.78	.01		.52			1.87	.25				.01				T.				1.50					1.60	.44					6.98
Des Arc [2]	White		.45	.02		.18			1.14	1.02				.11				.19				.22					1.88	.14					5.35
Devils Knob	Arkansas	.30	.12			.12		.26	.12				.58		T.						T.					1.05	.29				.02		2.86
Dumas	Mississippi	.30	.40		T	.34		T	1.76	.02			T.	.02			.05				.22	.30				.65	.64	.22					4.92
Eagle Gap [2]	Arkansas		.90			.36			1.03					.04		T.	.17				T.						.96						3.46
El Dorado [2]	Ouachita		.03			.33			1.15	.16				.03				.31				.21					1.59	.25				.05	4.11
Eleven Point [2]	White		.17					.15	1.30					.04	.37							.12				.20	.72						3.07
England	Arkansas	T.	.60			.18		.02	2.10					.10			.08				T.	.20				.50	1.50						5.28
Eureka Springs	White	.07	.15		.08	.13		.17	.03				.34	.05	.02											.42							1.46
Evening Shade [2]	White		.17						1.35	.25				.02	.36	.06	T.					.05					.85				.03		3.14
Fayetteville	White	.24	.16		.06	.17		.18	.05				.32	.07	.01	.01					T.					.13							1.40
Fayetteville Exp. S	White	.16	.20		.05	.14		.24	.01				.32	.04		.05									T.	.17	T						1.38
Fordyce	Arkansas	.50	.62		T	.29		.05	1.55								.04				.13	.02				1.03	.92						5.15
Forrester [2]	Arkansas		.80			.35			.70	.75				1.65		T					T.					T.	.75						5.00
Fort Smith [1‡]	Arkansas	.51	T.		.16	T.		.01	T.				.35		T.	T.					T					.50				T.			1.53
Fort Smith W. [2]	Arkansas		.29			.08			.06					.32													.71				T.		1.46
Fulton [2]	Red		.86			.82			2.05	.42			T				T.					.05	.05			T	.80						5.05
Georgetown [2]	White		.45			.12			1.05	.80				.35				.15				.25					1.50						4.67
Gilbert [2]	White					.07			.90	.07				.25	.68												.54				T.		2.51
Glenwood [2]	Ouachita		.44			.54			1.67	.77							.04										1.81						5.27
Grannis	Red	.51	.05		.35	.11		.48	.66				.03	.02	T.	T.	T				.04					1.34							3.59
Gravelly [2]	Arkansas		.52			.26			.70	.30					.51												.40						2.69
Gravette	Arkansas					.51		.09					.39	.05	T.											.35							1.39
Green Forest [2]	White	.27			.19			.11					.36	.16	T.		.03									.20							1.32
Green Mountain	White		.15			.02			1.91					.28			.02					.05				.78					.10		3.31
Greenwood [2]	Arkansas		.60			.41			.35	.14				.33													.12						1.95
Harrisburg [2]	St. Francis		.39						1.74					.43							.37					1.25	.15						4.33
Harrison	White		.27			.19			.19				.61														.57						1.83
Heber Springs [2]	White		.22			.06			1.32	.26				.76		.02	.05					.07					1.32						4.08
Helena [2]	Mississippi		.35	.01		.15			1.20	1.20				.02		.02		.10				.42					.85	.25					4.57
Henderson [2]	White		.30						1.08					.15													.78						2.31
Highland	Ouachita	.30			.40			1.65	.40																	1.20							3.95
Hon [2] (near)	Arkansas				.60			.55						.75												.15							2.05
Hope [2]	Red		.90			.68			1.15	.30													T.				1.80						4.83
Hot Springs	Ouachita	.09	.19			.25		.14	1.45					.01			T.				.02	.03				.87	.32						3.37
Huttig [2] (near)	Ouachita		.62	.03		.52	.02		1.98	.09				T.								.29					1.50	.25					5.30
Index [2]	Red	.60				.50			.60																	T.	.90						2.60
Irons Fork [2]	Ouachita		.95			.48			.88	.47				2.23		T.	.01					.01				.01	.48						5.52
Jessieville	Ouachita	.45				.39		.20	3.16					.93			.18									1.25							6.56
Jonesboro [2]	White		.16	T.					.92	.70				1.00	T							.47					.87	.15			.01		4.28

Daily Precipitation for March, 1942 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LaCrosse[2]	White	....	.20	....	....	....	....	....	2.09	.11	....	....	....	....	.26	....	....	....	....	....	....	....	....	....	....	....	.61	....	....	....	.17	....	3.44
Lake City[2]	St. Francis	....	.28	....	.05	....	....	....	1.03	.75	....	....	....	.99	.03	....	....	.10	....	....	....	1.26	....	....	....	....	.95	.19	....	....	.03	....	5.66
Lead Hill	White	.07	.12	....	....	.11	....	.07	.22	....	....	....	.40	.08	.02	....	....	....	....	....	T.	....	....	....	....	.28	.15	....	....	....	....	....	1.52
Little Rock[1]‡	Arkansas	.17	.11	....	.06	.03	....	1.05	1.02	....	....	....	....	.15	T.	....	.07	T.	....	....	.10	....	....	....	....	1.38	T.	....	....	....	....	....	4.14
LittleRock Air'y[1]‡	Arkansas	.33	.05	....	.07	.03	....	1.01	1.05	....	....	....	T.	.11	....	....	.03	T	....	....	.12	....	....	....	....	1.42	.01	....	....	....	....	....	4.23
Lutherville	Arkansas	.26	.12	....	....	....	....	.25	1.20	....	....	....	.20	.02	....	....	....	....	....	....	T.	....	....	....	....	.90	.42	....	....	....	....	....	3.37
Madison[2]	St. Francis	....	.37	....	....	.15	....	....	1.00	.45	....	....	....	1.75	....	....	....	....	....	....	....	.90	....	....	....	....	1.40	.75	....	....	....	....	6.77
Magnolia	Red	.13	.62	....	....	.35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	....	....	....	....	.70	1.36	....	....	....	....	....	3.28
Mammoth Spg[2]	White	....	.17	....	....	....	....	....	1.90	.14	....	....	....	.06	....	....	T.	....	....	....	....	.04	....	....	....	....	.78	....	....	....	....	....	3.09
Marianna	St. Francis	....	.45	....	....	.15	....	....	1.85	....	....	....	....	.10	....	....	25	....	....	....	....	.38	....	....	....	•	1.10	.45	....	....	....	....	4.73
Marked Tree[2]	St. Francis	....	.40	.03	....	.02	....	....	1.02	1.12	....	....	....	.26	....	....	....	.13	....	....	....	.68	....	....	....	....	1.46	....	....	....	....	....	5.12
Marshall[2]	White	....	.24	....	....	....	....	....	1.30	.40	....	....	....	.22	.08	T.	....	....	....	....	....	....	....	....	....	T.	.54	....	....	....	.16	....	2.94
Marvell[2]	White	....	.74	....	....	....	....	....	.25	....	....	....	....	....	1.74	.54	....	....	....	....	....	....	....	....	....	....	.14	1.25	....	....	....	....	4.66
Mena[2]	Ouachita	....	72	....	....	.31	....	....	.36	.32	....	....	....	1.13	T.	....	.12	....	T.	....	T.	T.	....	....	....	.29	....	....	....	....	....	....	3.25
Mena CCC	Red	•	2.28	....	....	.43	....	.04	4.25	....	....	....	....	.40	....	....	....	....	....	....	T.	....	....	....	....	1.00	....	....	....	....	....	....	8.40
Monticello Air[1]‡	Ouachita	.60	.20	....	T.	.46	....	1.00	.99	....	....	T.	T.	T.	....	....	.09	....	....	....	.59	....	....	....	....	1.57	1.78	.14	....	....	T.	....	7 42
Morobay[2] (near)	Ouachita	....	.55	....	....	.41	.02	....	1.22	.26	....	....	....	....	....	....	....	.09	....	....	....	.22	....	....	....	....	1.47	.18	....	....	....	....	4.42
Morrilton[2]	Arkansas	....	.35	....	....	.05	....	....	1.93	.70	....	....	....	.74	.01	.05	....	....	....	....	....	.01	....	....	....	....	.77	....	....	....	....	....	4.61
Mountainburg	Arkansas	.35	....	....	....	....	....	.11	....	....	....	....	.42	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.88
Mountain Home	White	.10	.18	....	....	....	....	....	.90	....	....	....	.20	....	....	....	....	....	....	....	T.	....	....	....	....	.50	....	....	....	....	....	....	1.88
Mountain Valley	Ouachita	.10	.35	....	....	.29	....	....	3.15	....	....	....	....	1.16	....	....	....	....	....	....	....	....	....	....	....	.94	.26	....	....	....	....	....	6.25
Mtn. View[2](near)	White	....	.26	....	....	.01	....	....	2.20	T.	....	....	....	.08	....	T.	.02	....	....	....	....	.02	....	....	....	....	.72	....	....	....	.05	....	3.36
Mount Ida	Ouachita	.54	.29	....	.07	.25	....	.60	1.27	....	....	....	....	1.14	....	....	....	....	....	....	....	....	....	....	....	.86	....	....	....	....	....	....	5.02
Mount Ida CCC	Ouachita	....	.60	....	....	.30	....	.15	1.38	....	....	....	....	1.27	....	....	....	....	....	....	....	....	....	....	....	.64	.30	....	....	....	....	....	4.64
Mulberry[2]	Arkansas	....	.56	....	....	.20	....	....	....	....	....	....	....	.72	....	....	....	....	....	....	....	....	....	....	....	....	.86	....	....	....	.03	....	2.37
Nashville	Red	.69	.04	....	.11	.38	....	.83	.92	....	....	....	T.	....	....	T.	....	....	....	....	.03	....	....	....	....	1.34	.06	....	....	....	....	....	4.40
Newhope(near)[2]	Ouachita	....	.50	....	....	.36	....	....	.48	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	1.45	....	....	....	....	....	2.79
Newport[2]	White	....	.24	....	....	....	....	....	.96	.84	....	....	....	1.28	....	.01	....	....	....	....	....	.17	....	....	....	....	1.20	....	....	....	....	....	4.70
Odell (near)[2]	Arkansas	....	.34	....	....	.21	....	....	.24	....	....	T.	.29	....	....	T.	....	....	....	....	....	....	....	....	....	....	.78	....	....	....	....	....	1.86
Oden[1]	Ouachita	.63	....	....	....	.47	....	....	1.17	....	....	....	....	.83	....	....	.09	....	....	....	....	....	....	....	....	.40	.14	....	....	....	....	....	3 73
Okay	Red	.50	.36	....	.13	.61	....	.64	1.80	....	....	....	....	....	....	....	....	....	....	....	....	.08	....	....	....	.98	.08	....	....	....	....	....	5.18
Osceola[2]	Mississippi	....	.35	T.	....	....	....	....	1.07	.90	....	....	....	.46	.02	....	....	....	....	....	....	.59	....	....	....	....	1.19	.37	....	....	T.	....	4.95
Ozark[2]	Arkansas	....	.55	....	....	.25	....	....	.12	.11	....	....	....	.57	T.	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	.16	....	2.36
Paragould	St. Francis	....	.20	....	....	....	....	T.	1.47	.03	....	....	....	.78	.01	.34	.12	....	....	....	....	.49	....	....	....	.18	.69	23	....	....	....	....	4 54
Parkin[2]	St. Francis	....	.50	....	....	.08	....	....	98	85	....	....	....	.95	....	....	....	.11	....	....	....	.95	....	....	....	....	1.60	.34	....	....	....	....	6.36
Perryville	Arkansas	.24	.38	....	....	.18	....	•	2.72	....	....	....	....	.52	....	....	....	....	....	....	T.	....	....	....	....	.61	....	....	....	....	....	....	4.65
Pine Bluff[2]	Arkansas	....	.48	....	....	.13	T.	....	1.16	.58	....	....	....	.05	T.	....	....	....	.08	....	....	.24	....	....	....	....	1.81	.29	....	....	....	....	4.82
Pine Ridge[2]	Ouachita	....	.78	....	....	.58	....	....	.21	.87	....	....	....	1.63	....	....	....	....	....	....	....	....	....	....	....	....	.54	....	....	....	....	....	4.61
Pocahontas	White	....	.06	....	....	....	....	....	1.13	....	....	....	....	.19	.08	....	....	....	....	....	....	.15	....	....	....	....	1.05	....	....	....	....	....	2.66
Portland[2]	Ouachita	....	.69	....	....	.55	.10	....	2.20	.15	....	....	....	.05	....	....	....	....	.10	....	....	.48	....	....	....	....	1.80	.36	....	....	....	....	6.48
Pottsville[2](near)	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Prescott[2]	Ouachita	....	.89	....	....	.53	....	....	.99	.42	....	....	T.	....	....	....	T.	....	....	....	....	.01	....	....	....	....	1.91	....	....	....	....	....	4.75
Rogers (near)	White	.10	.09	....	.13	.11	....	.17	....	....	....	....	.24	....	.04	....	....	....	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	1.28
Rosebud	Arkansas	•	.30	....	....	....	....	•	1.93	....	....	....	....	.93	....	....	....	....	....	....	....	....	....	....	....	.63	.65	....	....	....	....	....	4.44
Russellville	Arkansas	.16	.44	....	....	.12	....	.08	1.60	....	....	....	.02	.40	....	....	....	....	....	....	....	....	....	....	....	.48	.37	....	....	....	....	....	3.67
St. Charles[2]	White	....	.51	.02	....	.33	....	....	1.37	.19	....	....	....	.05	....	....	....	....	.17	....	....	.50	....	....	....	....	1.23	.20	....	....	....	....	4.57
St. Francis[2]	St. Francis	....	.21	.05	....	....	....	....	.83	.55	....	....	....	.60	.50	53	.06	....	.05	....	....	.45	....	....	....	....	.61	.28	....	....	....	....	4.72
St. Paul[2](near)	White	....	.46	....	....	.28	....	....	.10	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	1.45	....	....	....	....	....	2.39
Searcy[2]	White	....	.34	....	....	.05	....	....	1.16	.69	....	....	....	.41	....	....	....	....	.04	....	....	.21	....	....	....	....	1.40	....	....	....	....	....	4.30
Sheridan	Ouachita	T	.51	....	....	.14	....	.14	1.90	....	....	....	....	T	....	....	.90	....	....	....	....	.12	....	....	....	.68	.93	....	....	....	....	....	5.32
Shirley[2](near)	White	....	.13	....	-	....	....	....	1.97	T.	....	....	....	.09	....	....	....	....	....	....	....	....	....	....	....	....	1.50	....	....	....	....	....	3.69
Siloam Springs	White	1.09	....	....	....	.13	....	.04	....	....	....	....	.32	....	....	....	....	....	....	....	....	....	....	....	....	.35	....	....	....	....	....	....	1.93
Sparkman[2] (near)	Ouachita	....	.88	....	....	.23	....	....	1.55	.29	....	....	....	....	....	T.	....	....	....	....	....	.13	....	....	....	....	2.05	....	....	....	....	....	5.13
Springbank[2]	Red	.10	.60	....	....	.57	T.	....	1.10	.16	....	....	....	....	....	T	....	....	....	....	....	.35	....	....	....	.05	1.52	....	....	....	.03	T.	4.48
Stamps[2](near)	Red	....	.50	....	....	.45	....	....	1.05	.25	....	....	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	2.05	....	....	....	T.	....	4.50
Stephens[2] (near)	Ouachita	....	.60	....	....	....	....	....	1.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.81	.98	....	....	....	....	....	3.79
Story[2]	Ouachita	....	.41	....	....	.27	....	....	.37	.20	....	....	....	.67	....	....	....	....	....	....	....	....	....	....	....	....	.31	....	....	....	....	....	2.23
Stuttgart[2]	Arkansas	....	.52	....	....	.31	....	....	.95	.91	....	....	....	.46	....	....	....	....	.25	....	....	.26	....	....	....	....	2.25	....	....	....	....	....	5 91
Stuttgart Evap.[2]	Arkansas	....	.52	....	....	.29	....	....	.93	.70	....	....	....	.02	....	....	....	....	.05	....	....	.16	....	....	....	....	1.99	.38	....	....	....	....	5.04
Subiaco	Arkansas	.42	.20	....	....	.11	....	.32	1.13	....	....	....	.23	....	T.	T	....	....	....	....	T.	....	....	....	....	.32	.04	....	....	....	....	....	2.77
Sugar Grove[2]	Arkansas	....	.88	....	....	.30	....	....	1.11	.57	....	....	....	.31	....	....	....	....	....	....	....	....	....	....	....	....	.32	....	....	....	....	....	3.49
Texarkana[2]	Red	.35	.45	....	....	.78	....	....	1.90	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.10	....	....	....	....	....	4.78
Tichnor[2]	White	....	.60	T.	....	.21	....	....	1.61	.32	....	....	....	....	....	....	....	....	.21	....	....	.46	....	....	....	....	1.10	.22	....	....	....	....	4.73
Turnpike	Arkansas	.19	.09	....	....	.06	....	.16	.59	....	....	....	.06	.27	.01	....	....	....	....	....	.02	....	....	....	....	.82	.22	....	....	....	.03	....	2.52
Viola	White	....	.30	....	....	....	....	....	1.70	.03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.75	....	....	....	....	....	2.78
Wabash	Mississippi	....	.40	....	....	.20	....	....	1.58	.05	....	....	....	....	....	....	....	....	....	....	....	.47	....	....	....	....	.76	.76	....	....	....	....	4.22
Waldron	Arkansas	....	....	....	.05	.30	....	....	1.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	.02	....	....	....	....	....	1.46
Walnut Grove(nr).	White	T.	.18	....	....	T	....	T.	1.70	....	....	....	....	.49	....	T.	....	....	....	....	....	.12	....	....	....	.35	.87	....	....	....	....	....	3.71
Warren	Ouachita	....	.15	....	.05	....	....	....	1.75	....	....	....	....	....	....	....	.05	....	....	....	.15	10	....	....	....	.50	.60	.97	....	....	....	....	4.32
Whitecliffs[2]	Red	.60	.20	....	....	.42	....	....	....	1.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.16	....	....	....	....	....	3.78
White Rock	Arkansas	.31	T	....	.02	....	....	.11	T.	....	....	....	.43	T.	T.	T.	T.	....	....	....	....	....	....	....	....	1.25	.02	....	....	....	....	....	2.14
Wilson[2]	Mississippi	....	....	....	....	....	....	....	•	1.73	....	....	....	.55	....	....	....	....	....	....	....	....	....	....	....	....	.16	....	....	....	....	....	2 44
Wright	Arkansas	....	.63	....	....	.17	....	....	2.40	....	....	....	....	.10	....	....	.20	....	....	....	....	....	.20	....	....	.41	1.44	....	....	....	....	....	5.55
Wynne[2]	St. Francis	.41	.25	....	....	.10	....	....	.40	....	....	....	....	.75	....	....	....	....	....	....	....	.60	....	....	....	....	1.55	.30	....	....	....	....	4.36

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for March, 1942

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, §§ Exp. Farm	Evap.	.084	.036	.120	.100	.104	.132	.182	....	....	.140	.184	.164	.092	.208	.092	.106	.218	.336	.136	.052	.134	.172	.156	.180	.144	.203	.141	.174	.138	.172	.206	4.306
	Mean tem.	32	41	44	43	52	53	51	40	50	53	60	63	68	68	65	71	53	51	55	52	53	54	56	58	54	62	48	48	52	54	44	53.2
	Wind move	35	82	88	42	70	60	113	70	118	54	80	53	68	37	47	54	110	61	57	57	56	66	49	23	60	39	51	76	35	59	61	1931
Irons Fork, §§ Exp. Forest	Evap.	.027	•	•	.025	.008	.101	.148	•	•	.045	.136	.133	.135	.150	.046	.065	.266	.101	.129	.161	.030	.131	.137	.188	.194	000	.152	.139	.127	.151	.138	3.063
	Mean tem.	28	37	39	38	48	47	48	38	46	48	60	52	64	59	66	78	48	46	56	52	48	50	52	54	53	53	43	43	49	44	....	48.8
	Wind move	12	1	28	24	35	9	69	45	29	27	48	16	26	21	19	48	40	21	14	58	27	19	12	29	57	29	37	22	7	31	18	878
Russellville, Ozark Nursery	Evap.	.010	.126	.096	.090	.098	.144	.096	....	....	.239	127	.130	.060	.140	.346	.068	.126	.138	.136	.114	.198	.186	.138	.190	.070	.186	.224	.202	.128	.176	.176	4.158
	Mean tem.	39	42	44	48	52	50	60	....	....	57	58	58	65	65	65	72	56	48	54	62	50	51	56	59	64	54	51	46	50	52	44	54.2
	Wind move	6	59	44	5	43	36	50	•	146	42	28	33	23	9	13	73	95	43	25	46	96	43	20	27	34	60	92	58	21	57	35	1362
Stuttgart, §§ Rice Exp. Farm	Evap.	.123	•	•	•	.193	.072	.165	.116	.084	.113	.154	.110	.070	.120	.107	.107	.246	.057	.160	.105	.075	.159	.182	.174	.219	•	.070	.178	.269	.030	.161	3.619
	Mean tem.	36	39	....	....	44	50	50	41	46	52	58	61	64	78	78	71	51	51	38	56	50	51	55	57	54	59	48	47	51	48	44	52.3
	Wind move	7	82	86	•	132	34	157	139	161	72	146	63	106	63	56	99	161	69	72	83	110	79	70	46	86	133	47	81	86	25	63	2614

Daily Temperatures for March, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	41	46	58	54	85	66	60	58	61	67	71	65	68	73	75	75	71	62	69	64	56	69	72	73	68	64	56	60	67	67	53	63.5
	Minimum	34	30	29	32	38	30	49	30	31	37	52	45	48	50	58	65	40	31	34	53	38	30	37	43	47	48	38	28	35	40	30	39.6
Arkadelphia §§	Maximum	41	53	49	64	63	70	65	46	64	75	75	74	82	79	79	80	69	69	75	67	65	65	78	78	57	71	58	67	70	65	60	66.9
	Minimum	28	31	28	30	26	30	30	35	32	32	40	53	54	53	54	61	38	33	33	35	42	29	33	85	40	50	41	28	30	44	32	37.4
Batesville ***	Maximum	50	50	60	57	61	64	63	48	62	72	72	77	77	60	78	83	62	62	73	70	58	71	76	76	66	72	52	62	63	52	51	64.5
	Minimum	30	32	29	35	39	33	42	34	38	40	47	40	54	50	54	49	40	38	36	47	39	37	37	41	51	50	36	32	33	37	29	39.6
Bee Branch	Maximum	41	43	52	53	56	61	62	51	56	66	67	67	74	74	75	75	70	60	64	66	58	68	71	70	70	63	63	56	61	60	52	62.1
	Minimum	28	26	24	31	36	27	46	31	31	31	42	40	42	46	47	61	35	30	31	49	36	30	33	37	48	46	33	26	31	35	23	35.9
Benton §§	Maximum	48	51	32	61	63	68	68	64	64	72	75	72	81	77	77	80	36	68	77	67	62	75	75	75	56	72	55	53	70	59	57	64.8
	Minimum	22	20	24	31	31	27	26	30	29	29	34	42	51	49	55	56	35	30	30	32	42	27	30	32	35	46	41	27	27	38	27	34.0
Bentonville ***	Maximum	38	48	58	53	56	66	57	49	64	68	60	64	64	70	74	66	50	61	68	60	54	70	73	74	62	52	47	53	59	41	50	59.0
	Minimum	21	26	26	38	30	40	36	32	30	48	43	40	44	44	52	39	34	35	43	38	31	39	46	51	47	33	30	36	32	29	28	36.8
Bluff City	Maximum	45	51	59	58	61	69	68	59	68	72	73	73	82	81	80	81	77	67	74	70	63	70	75	77	74	74	73	63	71	70	60	69.0
	Minimum	32	32	29	42	44	37	53	34	34	48	56	55	63	60	60	68	41	38	42	54	48	35	42	46	51	48	42	34	40	46	33	44.7
Blytheville	Maximum	49	47	47	60	59	67	66	64	56	69	72	70	70	70	80	78	76	66	76	68	67	70	78	78	76	69	68	61	62	64	68	66.8
	Minimum	26	32	31	35	39	31	48	32	34	41	50	38	54	50	54	66	42	36	33	51	46	35	40	56	51	51	41	32	35	31	38	41.3
Booneville	Maximum	45	52	62	59	61	70	66	52	71	72	71	68	80	75	80	74	60	66	72	69	60	74	76	77	74	62	60	63	67	62	57	66.4
	Minimum	32	30	25	39	38	31	46	32	30	44	46	42	56	50	52	60	34	32	40	53	34	30	36	46	51	39	35	30	35	36	29	39.1
Brinkley	Maximum	47	46	58	57	58	65	64	63	59	71	71	69	78	80	79	79	76	66	72	68	67	72	75	75	70	69	53	52	66	66	55	66.0
	Minimum	29	32	30	37	43	32	51	33	33	44	59	47	57	55	58	68	41	37	38	49	44	37	40	44	51	52	44	32	37	44	32	42.9
Camden	Maximum	49	54	62	60	61	69	69	62	69	72	74	73	82	82	82	83	80	67	72	68	63	74	75	77	76	76	72	64	71	70	61	70.0
	Minimum	31	30	28	34	43	30	52	32	34	44	54	50	58	55	57	67	42	38	40	55	44	32	35	38	49	55	34	30	38	42	33	42.1
Camp Robinson §§	Maximum	46	51	59	58	60	69	63	45	63	72	73	61	80	76	80	82	63	66	71	67	60	73	77	72	56	66	54	64	66	55	54	64.6
	Minimum	20	32	28	34	36	30	50	41	32	34	45	40	50	47	57	57	48	34	34	36	42	33	35	38	48	54	42	29	34	38	29	38.9
Clover Bend	Maximum	58	41	42	60	62	66	59	49	59	70	70	61	67	63	76	87	77	69	70	71	63	64	76	75	74	76	66	59	63	63	53	64.8
	Minimum	19	22	24	36	38	28	31	31	29	39	41	39	46	45	48	56	38	37	41	39	36	31	33	38	39	41	34	28	33	31	33	35.6
Conway	Maximum	48	53	62	60	66	70	64	56	66	74	76	72	83	79	81	83	76	68	74	69	59	75	78	79	75	67	65	65	68	60	56	68.6
	Minimum	38	32	28	37	42	32	52	33	33	40	53	47	51	53	53	66	41	35	37	55	41	34	36	43	51	50	40	31	37	40	32	41.7
Corning	Maximum	49	46	60	65	62	66	65	59	60	70	71	63	75	72	78	81	76	63	72	66	63	71	79	79	74	70	66	60	63	61	53	66.4
	Minimum	27	30	27	35	37	30	48	31	34	35	52	37	38	46	49	64	38	34	34	57	38	35	35	40	50	50	39	31	29	39	29	38.6
Crossett	Maximum	47	53	64	61	55	69	68	63	70	73	75	75	83	83	78	80	77	71	73	71	63	74	77	77	72	78	74	66	74	71	66	70.4
	Minimum	27	31	26	32	43	26	51	38	28	40	54	50	61	50	60	66	38	34	33	52	44	26	32	34	41	54	46	25	33	40	28	40.1
Dardanelle	Maximum	46	53	61	61	65	70	65	57	66	74	73	73	79	79	78	80	..	66	73	71	63	75	79	78	77	66	66	63	67	58	58	68.0
	Minimum	32	31	29	39	41	36	51	32	33	43	50	49	53	52	57	65	..	48	38	57	39	32	37	46	52	46	39	31	40	41	56	43.2
De Queen	Maximum	..	..	..	..	..	68	61	54	68	71	71	69	83	74	72	76	68	68	72	66	62	73	72	75	70	71	59	65	71	70	56	68.7
	Minimum	35	31	24	44	29	55	31	30	34	41	53	53	60	48	56	66	35	30	40	55	38	27	33	42	52	51	39	27	35	44	28	40.8
Des Arc	Maximum	48	48	58	57	61	67	65	63	60	71	74	72	80	80	80	83	78	67	73	69	67	72	76	75	74	67	66	64	65	63	55	67.7
	Minimum	33	32	30	40	43	35	51	32	35	46	54	49	55	54	55	66	42	39	42	55	43	37	42	49	54	53	43	34	38	45	33	43.8
Devils Knob	Maximum	40	41	51	54	54	61	56	43	57	63	65	51	72	65	73	68	50	60	63	59	53	67	69	68	64	63	57	54	60	52	50	58.2
	Minimum	28	21	28	40	31	40	42	28	28	46	48	37	51	43	56	46	32	34	46	48	30	39	49	49	43	41	26	33	36	28	25	37.8
Dumas	Maximum	45	50	62	57	60	69	65	50	68	75	73	75	85	84	82	80	73	72	75	72	65	75	75	79	72	72	64	66	74	62	57	68.8
	Minimum	33	32	30	38	43	34	38	35	35	45	53	53	62	63	65	69	41	39	42	51	42	38	40	45	49	54	45	32	41	44	31	43.9
El Dorado	Maximum	46	53	62	60	58	61	69	45	69	70	74	75	84	84	80	83	70	63	63	69	67	74	75	77	74	74	67	65	73	70	68	68.5
	Minimum	32	35	33	39	45	38	35	34	32	39	44	56	62	60	63	61	52	40	41	45	49	34	42	46	44	43	36	31	34	36	34	42.4
England	Maximum	45	50	58	60	60	66	69	59	63	71	76	73	80	80	80	84	73	72	70	70	63	72	76	75	63	66	64	65	68	62	57	67.4
	Minimum	35	32	31	35	34	34	47	32	32	38	52	50	58	55	59	67	40	37	42	50	44	37	39	42	42	51	42	32	37	42	31	41.9
Eureka Springs	Maximum	43	49	58	59	60	66	64	50	64	69	67	60	71	67	82	80	53	63	70	65	56	71	74	76	70	58	55	54	60	58	53	62.7
	Minimum	33	27	27	43	30	41	37	39	44	51	48	43	52	50	49	66	37	36	46	54	32	42	52	52	47	35	29	36	30	30	25	40.7
Fayetteville	Maximum	44	46	57	57	56	66	64	46	64	67	65	63	68	73	80	75	52	62	69	66	56	70	74	75	74	57	56	56	59	57	52	62.1
	Minimum	32	26	25	43	31	39	37	31	30	49	45	39	54	45	52	51	33	36	39	51	30	42	47	52	49	33	29	35	25	28	26	38.3
Fayetteville Exp. S	Maximum	43	47	57	57	55	65	64	48	63	66	62	64	69	73	78	74	53	61	67	66	54	69	72	73	72	55	54	55	57	56	51	61.3
	Minimum	32	25	28	44	31	39	39	32	30	49	40	39	53	45	54	53	32	36	37	52	30	41	46	50	49	33	30	32	31	28	24	38.2
Fordyce	Maximum	45	51	61	59	62	68	67	58	67	72	74	73	83	80	80	84	71	69	73	67	64	75	77	79	66	76	64	66	..	72	60	68.8
	Minimum	32	31	28	40	43	36	52	32	32	41	54	53	62	60	61	67	41	34	46	54	44	36	45	47	50	54	43	32	..	43	33	44.2
Fort Smith ***	Maximum	42	51	60	58	61	71	62	54	71	70	70	61	74	67	80	72	57	65	74	65	59	73	75	76	63	60	53	60	64	52	56	63.8
	Minimum	33	31	31	43	38	37	41	38	35	44	49	43	54	52	56	46	38	39	44	59	35	39	44	50	51	40	36	37	39	37	34	41.7
Gilbert §§	Maximum	42	51	62	61	62	67	59	51	65	72	70	63	78	70	81	81	56	66	70	67	59	73	75	77	60	68	52	60	63	51	55	64.1
	Minimum	22	28	21	22	30	24	24	23	30	23	34	32	44	42	40	50	35	25	25	26	34	23	26	26	40	43	32	22	21	27	22	29.5
Grannis	Maximum	39	48	60	52	59	68	62	49	67	76	75	65	81	72	76	74	63	67	72	65	60	73	74	75	71	69	57	64	69	63	57	65.2
	Minimum	28	25	22	33	34	28	39	28	28	35	47	47	54	51	56	52	33	28	38	49	33	30	37	39	47	44	34	27	35	38	26	36.9
Gravette	Maximum	46	49	60	53	58	66	65	50	65	69	62	64	63	72	80	76	52	63	71	70	55	71	75	75	75	57	54	55	59	57	50	62.5
	Minimum	32	26	21	40	28	33	35	30	28	46	40	38	48	44	50	48	29	31	41	46	27	34	44	50	47	31	27	30	28	26	25	35.6
Green Mountain	Maximum	42	47	56	58	54	63	60	55	62	67	67	60	75	70	76	77	77	62	68	63	60	67	73	73	69	66	57	57	57	54	50	62.6
	Minimum	32	26	30	42	37	42	47	32	34	49	52	41	42	45	48	65	39	38	47	47	36	42	52	53	47	33	39	39	33	34	28	41.0
Harrison	Maximum	42	49	60	59	59	66	62	49	64	70	64	59	75	66	81	75	61	62	69	66	58	70	74	75	71	63	59	55	58	55	53	62.9
	Minimum	33	29	27	37	33	32	37	34	31	41	46	41	45	42	47	61	39	35	32	55	33	37	36	41	50	41	31	29	25	32	25	37.3
Helena	Maximum	47	46	54	55	55	65	64	63	59	68	68	71	77	78	81	76	75	64	71	70	68	68	75	73	71	69	69	61	66	64	54	66.0
	Minimum	30	30	27	36	40	36	44	31	31	42	51	46	59	55	61	68	40	36	43	52	41	36	45	50	51	51	43	31	38	43	29	42.5
Highland	Maximum	42	49	57	55	59	65	62	53	65	70	73	67	79	73	73	74	66	70	70	65	60	70	72	74	68	69	66	62	68	66	57	65.1
	Minimum	31	29	30	42	39	36	50	31	31	44	51	51	60	53	61	62	37	33	40	52	39	36	45	44	49	53	37	35	40	44	32	42.5
Hope §§	Maximum	37	51	59	57	61	69	64	47	68	71	74	72	83	82	77	77	68	66	73	65	62	73	75	77	59	70	56	67	71	62	58	66.2
	Minimum	26	31	28	29	43	37	38	33	31	35	47	54	54	57	53	65	38	36	37	40	44	35	38	39	48	53	40	30	34	46	31	40.3
Hot Springs	Maximum	43	52	61	60	62	68	64	56	66	70	75	73	82	80	76	77	73	68	72	68	62	75	76	78	75	69	65	64	70	68	60	68.0
	Minimum	34	32	33	42	40	41	51	32	37	49	50	51	59	54	63	67	41	39	45	55	41	41	49	50	49	51	39	35	39	45	32	44.7
Irons Fork §§	Maximum	38	46	59	56	59	68	56	46	65	70	73	63	80	73	75	75	61	66	71	57	59	74	75	75	56	64	52	63	71	54	..	63.3
	Minimum	18	28	19	20	36	26	40	31	27	27	48	42	49	45	56	60	34	27	30	48	36	25	28	34	50	42	34	23	27	35	22	34.4
Jonesboro	Maximum	48	45	58	58	59	66	66	62	57	69	71	69	77	74	79	80	75	66	74	67	65	70	78	77	73	69	67	62	63	59	51	66.3
	Minimum	31	31	30	37	40	34	49	31	33	41	54	41	52	48	52	64	40	38	39	52	40	41	40	42	48	51	40	35	34	43	31	41.4
Lead Hill	Maximum	42	49	60	61	59	67	61	50	64	72	65	54	72	59	84	78	54	64	71	70	58	71	76	77	69	61	54	57	60	52	54	62.7
	Minimum	29	31	21	32	35	28	41	35	31	30	37	32	37	40	47	54	40	28	29	45	35	28	29	36	59	43	33	27	23	32	21	34.5
Little Rock ***	Maximum	45	50	59	58	60	68	65	47	63	71	72	68	80	77	77	80	62	64	70	66	59	71	74	75	60	65	54	62	68	55	54	64.5
	Minimum	33	32	35	40	43	38	43	32	35	45	56	50	58	55	61	49	44	37	42	51	43	38	46	48	53	52	42	35	43	42	35	43.7
Lutherville	Maximum	44	51	56	59	62	67	62	54	61	70	72	64	76	67	77	76	60	64	69	65	59	70	74	76	66	62	54	60	64	60	58	63.8
	Minimum	31	28	27	38	39	33	47	32	30	39	49	42	55	49	54	59	34	33	37	53	35	38	41	48	48	41	33	32	34	35	27	39.4
Magnolia	Maximum	53	55	62	65	61	71	79	72	71	75	75	78	85	85	85	89	84	75	76	77	71	75	77	79	82	79	83	66	73	72	64	73.7
	Minimum	35	32	27	42	45	35	41	34	34	48	55	57	64	60	64	68	40	37	43	55	45	34	42	45	52	56	44	31	40	45	32	44.6
Mammoth Spring	Maximum	48	47	58	63	68	67	62	54	60	71	67	62	77	73	77	84	77	65	73	67	62	70	79	79	70	67	63	57	60	56	50	65.6
	Minimum	30	29	29	29	39	28	50	36	35	30	49	34	45	50	49	68	41	31	31	52	34	29	32	39	54	50	37	27	27	36	29	38.0
Marianna	Maximum	48	45	55	56	57	64	64	63	57	69	69	73	77	78	80	78	75	75	71	69	68	69	74	74	73	71	69	69	66	65	64	67.3
	Minimum	30	30	29	36	41	32	45	30	32	33	51	47	59	54	62	63	42	36	38	47	42	34	40	44	51	52	42	29	35	42	32	41.3
Marked Tree §§	Maximum	43	43	56	59	58	65	65	42	58	68	71	66	74	75	80	77	61	66	72	68	58	69	78	76	70	69	50	63	64	51	42	63.3
	Minimum	23	30	30	32	36	32	34	39	30	35	45	40	41	49	49	63	41	36	38	43	40	37	39	43	46	40	41	31	36	38	32	38.4
Mena	Maximum	42	47	62	55	58	69	63	49	68	72	75	66	82	73	75	73	62	67	70	66	58	73	75	75	70	66	56	62	69	58	55	64.9
	Minimum	32	30	27	42	37	35	43	37	32	46	52	49	53	53	61	62	37	35	39	54	36	36	42	48	50	45	36	32	36	39	29	41.5
Monticello ***	Maximum	41	49	60	56	56	68	67	54	66	72	73	75	82	83	82	80	70	68	71	70	60	73	75	76	60	76	57	62	72	55	55	66.6
	Minimum	32	32	29	39	39	35	51	35	33	46	54	54	62	60	65	55	42	36	42	54	38	35	43	48	52	54	39	31	41	43	36	43.7
Morrilton §§	Maximum	44	51	58	56	63	67	60	50	62	70	71	63	78	77	78	78	59	65	72	63	61	71	75	75	58	62	54	62	65	58	57	64.0
	Minimum	25	31	30	30	38	33	33	31	33	35	39	46	47	50	57	57	40	35	35	37	40	35	36	36	46	47	38	31	34	41	31	38.0
Mountain Home	Maximum	50	45	60	63	61	69	62	50	63	73	66	55	74	56	80	81	59	64	72	67	57	70	76	77	66	63	58	58	59	52	52	63.2
	Minimum	30	29	29	34	35	32	38	35	32	37	43	35	42	42	42	57	40	33	34	52	35	38	35	42	50	45	33	29	26	34	29	37.0
Mt. Ida	Maximum	45	52	64	58	62	70	64	50	68	72	76	68	84	77	78	77	67	70	72	67	62	76	76	77	69	69	59	67	72	68	59	67.6
	Minimum	30	31	21	32	40	25	46	32	28	35	49	44	53	46	56	62	33	26	29	56	37	23	27	39	49	47	38	23	29	41	22	37.1
Nashville	Maximum	43	54	60	59	61	70	63	51	70	72	75	73	83	76	77	78	68	..	73	70	63	73	76	77	63	72	68	65	71	..	62	67.8
	Minimum	32	32	26	37	42	32	50	32	29	35	53	52	61	51	60	65	38	..	33	48	40	30	37	41	51	56	41	31	38	..	46	42.0
Newport	Maximum	50	47	58	56	61	65	63	63	59	71	73	66	77	72	78	82	75	67	73	67	64	71	79	75	70	70	66	63	63	59	54	66.4
	Minimum	33	33	33	38	43	34	52	33	37	44	55	45	54	50	53	66	42	38	39	55	42	35	39	44	53	52	44	32	37	43	33	42.9
Oden ***	Maximum	..	50	62	58	61	70	59	50	68	72	74	66	82	74	77	75	61	68	71	61	60	73	72	76	78	56	65	55	64	54	56	65.6
	Minimum	..	35	26	37	40	29	40	33	38	40	54	48	54	51	58	48	48	34	34	47	40	29	38	46	50	45	38	28	33	39	28	40.3

Daily Temperatures for March, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	45	55	60	61	64	70	69	68	70	72	78	80	83	82	77	78	73	68	75	72	65	75	76	77	76	72	71	68	71	70	64	70.5
	Minimum	32	32	26	42	43	34	53	32	32	43	55	53	62	53	62	66	39	34	39	56	43	30	35	46	54	57	42	30	40	46	31	43.3
Ozark	Maximum	45	53	60	60	63	71	65	53	66	72	73	69	78	76	80	74	71	66	71	69	63	71	78	76	75	64	62	62	66	64	59	66.9
	Minimum	32	29	25	37	37	30	47	34	32	35	49	43	53	50	53	66	35	32	37	56	35	29	35	44	49	40	35	32	34	37	27	38.8
Paragould	Maximum	47	45	54	68	58	64	65	61	55	66	68	65	71	68	76	76	71	62	70	69	63	67	73	72	71	68	64	59	60	56	50	63.8
	Minimum	29	31	31	34	40	32	49	33	35	37	54	40	41	48	53	63	42	37	36	51	40	41	37	40	49	53	41	31	33	44	32	40.5
Perryville	Maximum	47	52	55	58	63	70	66	56	65	74	74	72	82	77	79	81	72	65	73	69	61	73	78	78	78	67	65	64	66	65	57	67.8
	Minimum	32	32	29	34	41	30	52	32	32	46	52	45	50	51	52	65	40	31	33	55	41	30	33	39	50	48	40	30	36	42	31	40.5
Pine Bluff	Maximum	46	48	61	58	65	70	68	59	66	73	75	75	83	83	82	87	75	73	75	71	74	75	78	78	66	67	64	67	73	68	58	69.7
	Minimum	35	32	31	37	44	35	51	34	34	47	55	52	63	58	62	72	45	39	41	46	44	39	45	47	51	54	44	34	41	44	35	44.9
Pocahontas	Maximum	50	47	59	62	62	65	64	60	61	69	71	69	76	75	75	76	81	65	70	70	64	69	76	74	74	74	68	61	63	62	58	66.8
	Minimum	28	30	30	30	35	29	48	31	33	33	50	37	49	46	48	60	40	38	33	50	38	34	34	39	48	50	38	29	30	29	29	37.9
Portland	Maximum	46	50	62	55	55	66	68	60	65	70	70	75	78	82	80	80	74	71	74	64	75	60	76	77	67	78	76	65	73	72	60	68.5
	Minimum	33	31	30	37	43	32	50	38	34	44	53	53	60	57	64	69	42	38	40	40	45	34	40	42	46	55	47	33	42	46	36	43.7
Prescott	Maximum	45	53	61	61	61	70	69	61	68	73	74	74	83	83	79	80	77	69	74	74	64	74	76	78	74	71	71	65	71	69	60	69.7
	Minimum	32	32	31	41	45	36	53	32	33	46	55	54	63	55	62	68	40	38	41	52	44	36	39	40	53	57	42	33	41	46	34	44 3
Rogers	Maximum	42	48	59	55	58	69	63	50	65	68	62	65	68	73	80	72	54	63	70	64	55	71	73	75	69	55	52	54	60	50	52	61.7
	Minimum	32	25	24	41	29	35	34	31	28	44	42	39	51	45	48	50	31	33	39	49	28	35	43	48	48	33	29	33	29	28	25	36.4
Russellville	Maximum	46	52	60	60	64	69	68	..	..	72	72	72	79	79	77	78	76	65	72	70	62	72	77	78	77	64	64	62	65	65	58	68.1
	Minimum	32	32	29	35	48	30	51	..	..	42	45	44	51	51	53	66	37	32	35	54	38	30	34	40	51	45	38	29	35	40	29	40.3
St. Charles §§	Maximum	47	47	57	58	58	67	65	42	62	70	71	72	90	81	83	78	64	66	72	69	65	71	75	76	62	70	54	64	70	58	55	65.5
	Minimum	30	31	29	35	40	33	40	35	31	35	50	49	51	55	60	68	40	36	41	51	42	36	43	47	52	52	45	30	39	43	36	42.1
Searcy	Maximum	48	50	59	58	62	66	63	61	62	72	74	69	80	72	79	83	70	66	72	66	62	73	76	76	70	70	66	64	66	58	55	66.7
	Minimum	31	32	32	34	42	31	50	32	34	35	52	45	52	51	53	65	39	35	36	51	41	34	37	40	52	52	40	31	36	43	31	40.9
Sheridan	Maximum	47	50	54	61	60	65	70	58	65	73	76	74	81	82	80	83	71	68	73	68	61	69	76	77	66	70	61	66	71	67	56	67.7
	Minimum	34	31	34	36	43	32	31	32	30	42	51	50	52	69	69	68	51	33	39	54	42	31	39	42	52	53	41	28	34	53	49	43.1
Siloam Springs	Maximum	43	47	58	55	55	64	62	49	65	66	64	62	63	70	77	73	52	62	69	67	60	70	72	71	69	55	53	55	58	55	51	61.0
	Minimum	33	29	24	43	30	38	37	32	31	43	40	40	40	46	51	50	32	34	40	48	32	36	43	50	48	33	30	35	31	30	26	37.3
Stuttgart	Maximum	46	47	67	57	58	66	66	60	63	71	72	72	79	80	80	80	70	66	70	67	64	72	76	75	60	66	64	64	66	62	54	66.5
	Minimum	34	31	28	36	42	33	48	32	32	44	52	49	59	55	59	66	40	36	39	49	42	35	41	42	47	51	42	32	37	41	32	42.1
Stuttgart (near) §§	Maximum	46	47	..	56	58	66	66	42	62	70	71	73	79	80	80	79	64	66	71	67	59	70	74	74	61	67	53	63	68	56	56	64.8
	Minimum	27	31	28	..	30	33	35	40	31	35	44	49	50	55	57	63	38	36	37	45	42	52	36	40	46	51	43	31	34	41	33	39.8
Subiaco	Maximum	45	49	60	60	60	70	65	58	65	70	70	65	74	72	82	75	60	63	70	67	59	70	77	77	72	60	59	60	65	60	50	65.1
	Minimum	32	28	32	39	40	34	38	32	36	39	51	43	53	52	52	60	40	40	40	49	37	40	40	47	50	41	37	38	40	49	32	41.3
Texarkana	Maximum	45	53	64	62	64	71	69	54	73	73	76	75	86	81	78	80	75	70	75	69	64	76	77	78	63	62	61	68	75	73	61	69.4
	Minimum	30	30	27	41	38	36	50	30	31	45	54	57	70	55	62	65	38	34	45	54	40	34	41	46	47	47	41	42	38	45	32	43.4
Turnpike	Maximum	36	43	55	55	55	62	55	50	57	66	66	59	74	67	76	73	56	60	65	60	54	69	70	70	62	63	52	57	60	52	50	59.6
	Minimum	28	24	29	40	32	40	44	28	31	45	48	37	50	42	55	54	33	35	46	48	32	40	52	50	43	43	28	35	31	30	26	38.7
Wabash	Maximum	46	45	55	55	56	63	64	62	60	68	67	72	78	78	80	76	76	65	70	69	67	70	75	74	73	70	70	62	69	67	55	66.4
	Minimum	29	30	30	37	40	33	46	31	31	47	51	46	59	54	63	64	42	36	38	51	42	49	40	46	51	52	44	31	31	26	32	42.0
Waldron	Maximum	45	50	62	60	59	70	..	68	68	71	71	68	80	78	79	75	71	66	72	70	59	74	76	76	75	61	57	60	71	62	55	67.0
	Minimum	30	30	23	36	37	27	..	30	33	42	36	44	48	48	50	65	35	29	33	53	35	26	30	44	50	39	35	38	25	38	25	37.1
Warren	Maximum	49	53	61	59	59	68	68	66	66	72	72	74	82	85	82	83	79	68	74	71	63	73	76	77	76	76	62	76	72	71	63	70.2
	Minimum	32	31	33	38	45	36	53	36	36	49	57	54	64	63	64	65	42	41	40	56	46	36	40	44	50	55	45	32	42	50	35	45.5
White Rock	Maximum	36	44	55	52	55	63	63	46	62	63	67	56	74	65	76	73	59	63	68	60	54	71	71	71	73	63	54	57	59	61	51	60.8
	Minimum	28	24	30	39	30	38	35	27	29	47	46	41	36	49	55	54	32	35	45	37	30	48	48	49	43	36	26	33	36	26	25	37.3
Wilson	Maximum	50	46	54	60	56	67	68	63	56	62	70	70	73	75	80	76	70	64	75	70	71	69	76	75	61	65	59	61	65	65	50	65.2
	Minimum	28	32	31	36	39	32	51	32	31	36	43	59	54	52	58	55	40	37	41	53	37	39	43	48	32	36	32	33	38	35	29	39.4
Wright	Maximum	45	48	58	58	57	66	63	61	62	70	72	72	78	79	78	80	76	65	71	69	67	67	73	73	72	65	64	61	68	65	53	66.3
	Minimum	33	30	31	34	42	33	48	30	33	44	33	49	60	54	59	63	39	37	34	38	50	42	38	41	47	51	42	32	37	42	34	42.3
Wynne	Maximum	58	49	58	57	57	65	64	63	59	69	73	70	78	77	80	78	77	66	72	69	66	71	72	76	78	71	66	64	65	65	52	67.3
	Minimum	30	31	31	35	41	41	47	32	31	42	52	44	54	51	55	67	40	35	40	52	41	35	42	41	52	51	40	33	33	43	27	41.6

Daily River Stages for March, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.6	9.6	9.6	10.0	10.3	10.4	10.4	9 6	9.0	9.5	8.8	8 4	8.3	9.0	9.9	9.0	8.0	7.7	7.8	11.3	12.6	11.3	9.3	8.0	7.8	7.4	7.4	8.4	8.7	8.7	7.6
Van Buren	do	22	11.3	10.2	10.2	10.7	11.0	11.1	11.1	10.2	9.4	10.1	9.2	8.9	8 7	9.2	10.5	9.4	8.5	8.0	8 3	11.7	13.4	12.0	9.9	8.5	8.3	7.7	7.6	8.7	9.1	9.1	7.8
Danville	Petit Jean	20	8.9	9.3	12.7	16.4	16.4	16.5	16.0	15.8	19.9	21.2	21.6	20.9	19.7	19.9	19.1	16.4	13.1	10.4	9.0	7.9	7.2	7.0	6.2	5.8	5.4	5.6	5.7	5.4	5.2	4.7	4.5
Ozark	Arkansas	22	6.8	7.1	6.0	6.0	6.3	6.6	6.8	6.8	5.9	5.8	5.6	5.0	4.7	4.7	5.2	6.0	5 0	4.2	4.0	4.0	6.7	8.0	6 5	4.9	4.1	3.5	3.3	3.3	4.6	4.7	4.4
Dardanelle	do	22	9 8	9.8	9.5	9.0	9.3	9.5	9 7	9.9	10.0	9.1	8.8	8 5	8.2	8.2	8.2	8.7	8.7	7.6	7.0	6.6	8.4	11.1	10.6	9.0	7.4	6.8	6.9	6 5	6.7	7.5	7.5
Morrilton	do	20	6.8	6.4	6.5	5.8	5.8	6.0	6.3	6.8	7.8	8.9	6.2	6.2	5.6	5.6	5.5	5.6	6.9	5.1	4.0	3.2	3.7	6.8	7.5	6.0	4.1	3 0	3.0	2 6	2.4	3.2	3.5
Little Rock	do	23	8.3	8.5	8.3	8.2	7.8	7.9	8.9	8.6	10.0	10 5	9.9	9.5	8.2	8.8	8.7	8.5	8.3	8.2	7 3	6.5	5.9	6.5	8.5	8.6	7.4	6.2	5.8	5.9	5.5	5.2	5 6
Pine Bluff	do	25	11.7	11.7	11.8	11.8	11.4	11.2	11.4	11.7	12 8	14.1	14.2	13.5	13.1	12.7	12.4	12 1	11.9	11.8	11.4	10.4	9.7	8.9	10.4	11.9	11.7	10.5	9.5	9.0	8.8	8.7	8.5
Gilbert	Buffalo	30	5 0	4 8	4.7	4 9	4.8	4.8	4 7	5.6	5.5	5.4	5.1	5.0	5.1	5.5	5.3	5.2	5.1	5.0	4 8	4.6	4.5	4.4	4.3	4.3	4.2	4.4	4 9	4 8	4.7	4.6	4.4
Black Rock	Black	14	13.3	12.8	12.2	11.6	11 1	10.6	10 3	10.8	15.9	16.0	15.4	14.9	14.2	13.6	12.8	12.2	11.8	11.3	10 8	10.5	10.2	9.8	9.4	9 0	8.7	9.1	9.5	9.2	8.6	8.0	7.5
Heber Springs	Little Red	30	7.6	7 4	7.2	7.1	6.8	6.6	6.5	13.5	16.4	12.0	10.3	9.2	9.1	8.4	7.9	7 5	7.1	6.8	6.4	6.1	6.0	5 6	5 4	5.2	5.1	7.5	9.8	8 5	7.7	7.1	6.7
Ozark Beach Mo	White	30	5 6	5.2	4.9	4.6	4.6	4.6	4.6	4 6	4.5	4.5	4.4	4.2	4.4	1.2	4.5	4 5	4.4	2.4	2.8	2.2	1.5	3.0	2.1	3.0	2.3	0.8	1.2	1.5	3.1	1.2	1.6
Cotter	do	21	8.0	7.0	6.7	6.3	6.0	5.8	5.8	5.8	5.8	5.7	5.6	5.5	5.2	5.1	5.0	5.0	4.9	4.9	4.9	4.8	4.2	4.1	4.2	4.2	4.3	4.2	4.1	4.0	4.5	4.6	4.3
Calico Rock	do	18	7.9	7.3	6.9	5.6	6.3	6.0	5.9	7 5	7.3	6.7	6.3	5.8	5.8	6.0	6.0	5.6	4.4	5.4	5.2	4.8	4.3	4 4	3.9	3.4	4.0	3.7	3.8	3.6	4.0	3.7	4.1
Batesville	do	23	13.8	13.0	12.4	11.9	11.6	11.3	10.8	14.4	14.6	13.4	12.2	11.6	11.0	10 8	11.0	11.0	10.1	9.8	10.0	9.8	9.4	9.1	9.2	8.8	8.1	9.2	8.8	8.8	8.5	8.9	8.7
Newport	do	26	18.9	18.4	17.8	17.1	16.4	15.5	14.8	14.7	17.8	18.4	18.2	17.9	17 7	17 2	17.0	16.6	16.1	15.0	14.4	13 8	13.0	12.1	11.8	10.8	10.2	9.9	10.4	10.3	10.0	9.8	9.4
Georgetown	do	21	19.9	20.0	20.1	20.1	20.1	20.0	19.8	19.6	20.1	20.7	21.1	21.1	21.0	21.1	21.1	21.0	20.8	20.6	20.3	20.0	19.6	19.0	18.4	17.6	16.8	16.3	16.2	16.3	16.0	15.5	14.9
Des Arc	do	24	21.4	21.6	21.8	21.8	21.8	21 8	21.8	21.9	22 1	22.3	22.7	22.9	23.2	23.5	23.5	23.5	23.3	23.0	22.8	22.5	22.1	21.8	21.3	20.7	20.1	19 7	19.4	19.2	18.9	18.7	18.2
Clarendon	do	26	25.6	25.7	25.7	25.8	25.8	25.9	25.9	25.9	26.1	26.2	26 3	26.3	26.4	26.6	26 7	26.8	26.9	26.9	26.9	26.8	26.7	26 6	26.4	26 2	26.0	25.9	25.8	25 6	25.3	25.0	24 8
St. Charles	do	25	24.9	25.0	25.0	24.9	24.9	25.0	25 0	24 9	24.8	25.1	25.2	25.3	25.3	25.3	25.4	25.4	25.5	25.5	25.6	25 6	25.6	25.6	25.5	25.5	25.4	25.4	25.4	25.3	25.2	25.1	25.0
Glenwood	Caddo	..	5.9	6.1	6.2	6.2	6 3	6.2	6.2	7.1	7.3	7 1	6.6	6 4	7.4	6.6	6.4	6.3	6.1	6.0	6.0	5.9	5.8	5.8	5.8	5.8	5.7	6.6	6.2	6.1	5.0	6.0	5 9
Arkadelphia	Ouachita	17	7.9	8.2	8.9	8.8	8.7	8.8	8.6	13.5	19.5	18.5	16 0	14.2	11.6	11.1	15.6	14.8	8.4	8.2	8.0	7.9	8.7	7 6	7.0	7.4	7.6	10.0	9.7	8.6	7.6	6.6	7.8
Boughton	Little Mo.	20	8.6	9.1	11.3	11.9	12.0	11.8	12.3	13.3	18 4	19.5	18.7	17.1	14.6	11.8	10.1	9 2	8.6	7.8	7 4	7.0	6.7	6.5	6 2	5.9	5.8	8.1	11.2	10.7	8.6	7.6	7.1
Camden	Ouachita	26	16.9	15.7	14.9	16.0	17.1	17.7	17.9	18.1	19.6	23.5	26.7	28.5	29 6	30.2	30.0	29 3	28.8	27 8	24.8	21.2	18.5	17.1	15.9	14.0	12.1	12.7	17.1	20.8	22.0	21.4	20.0
Benton	Saline	20	7.4	7.3	7.8	7.7	7.4	7.5	7.3	9.0	17.6	14.1	11.6	10.4	9.0	8.9	8.8	8.7	8 1	7.7	7 4	7.0	6.8	6.6	6.5	6.2	6.3	9.3	9.9	8.0	7.7	7.3	7.0
Index	Red	25	9.6	9.4	9.4	9 4	11.6	12.4	14.1	14.2	13.8	13.6	13.2	12.7	12.1	11.2	11.2	10.1	9.9	10.6	10.1	9 8	9.7	9.4	9.2	9.0	8.9	8.9	8.9	8.6	8.6	8.6	8.6
Fulton	do	25	10 5	10.2	10.4	11.2	12.4	14 1	15 1	15.6	15.8	15.7	15 6	15.4	15.0	13.4	12.9	12 9	12.9	12.0	11.9	10.8	9.9	9.4	9.0	8 6	8 3	8.4	8 6	9.1	9.0	8.6	8.3
Big Lake Outlet	St. Francis	10	12.0	12.0	11.8	11.6	11.5	11 3	11.1	11 1	10.9	10.8	10.8	10.9	11.1	11.2	11.2	11.2	11.2	11.3	11.2	11.1	11.1	11.0	10.8	10 7	10.5	10.4	10.3	10.1	10.0	9.8	9.6
St. Francis	do	18	17.1	17.3	17.6	17.7	17 7	17.6	17.1	16.7	17.0	16 9	16.9	16.9	17.1	17.5	17.8	18.1	18.1	18.1	18.0	18.0	17 9	17.7	17.4	16.9	16.3	15 6	14 8	13.9	13.0	12.3	11.7
St. Francis L.L.	do	..	23 7	23.6	23.5	23.4	23.3	23.2	23.2	23 2	23.2	23.2	23 2	23.3	23.4	23.6	23.6	23.7	23.7	23.8	23.8	23 8	23.8	23.8	23.8	23.8	23.7	23.8	23.8	23.7	23.7	23.6	23.5
Marked Tree	do	17	7 8	7.8	7.7	7.7	7 6	7.6	7.6	7.6	8.2	8.3	8.3	8.3	8 2	7.1	6.5	6.4	6.3	6.2	6 0	6.0	6.0	6.0	5.9	5.9	5 9	6.0	6 2	6.3	6.3	6.2	6.1
Parkin	do	28	13.3	13.1	13.0	13 0	12.8	12.5	12.3	12.1	13 4	14.6	14.9	14.6	14.2	13.8	13.1	12.6	12.2	11.9	11 7	11.7	12.1	12 4	12.6	12.8	13.1	14.0	15.1	15.7	15.8	15.7	15.3
Madison	do	32	15 8	15.7	15.6	15.4	15.2	11.6	14 0	13.8	14 3	14.8	15.3	15.2	15.5	14.8	14 3	14.0	13.7	13.7	14.2	14 8	15.6	16.4	17.0	17.7	18.2	19.3	19 9	20.5	20.8	20.8	20.6
Helena	Mississippi	42	30.0	30.0	29.9	29.3	28.3	26.8	25.0	23.3	22.0	21.1	20.4	20.5	21.3	22.4	23 4	24 1	25 5	27 2	30 0	31.4	32.7	33.8	34.8	35.6	36.4	37.0	37.5	37.9	38.1	38.2	38.0
Arkansas City	do	42	24 7	24.6	24 6	24.6	24.3	23.7	22.9	22.1	21.0	20.3	19 8	19.5	19.4	19.6	20.1	20 7	21 3	22.0	23.3	24 8	25.9	26 8	27.7	28.4	29.2	29.8	30.2	30.5	30.7	31.0	31.0

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ᵃ,ᵇ,ᶜ, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ¹Precipitation is for the 24-hour period, midnight to midnight. ²Precipitation measured in morning; amount recorded is for the preceding 24 hours. ³Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Corley, Paris; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Hon, Waldron; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 4-27-42-1200

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVII Little Rock, Ark., April, 1942 No. 4

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

April opened rather cold, a minimum temperature of 32° or lower being reported at a majority of the stations on the 1st. This cold spell quickly moderated, and the rest of the month was comparatively mild, with temperatures generally above normal. Warm periods occurred around the 4th and 5th, the 16th to 18th, and from the 26th to the end of the month. The warmest days of the month occurred from the 26th to the 30th in southern counties, on the 4th in the northwest. The highest temperature was 88° at three stations, Lead Hill, Corning and Magnolia, on the 4th, 17th and 27th respectively. The lowest temperature was 20° at Gilbert on the 1st. The highest mean temperature for the month was 68.3° at Magnolia and the lowest was 58.1° at Bee Branch. The average for 83 stations was 62.8°, which was 1.3° above the 52 year average.

Precipitation was very heavy in April, averaging 8.42 inches for the State as a whole, which is 3.44 inches above the 52 year average. Totals of ten inches or more were reported from 31 stations. The heaviest rainfall occurred in the southwestern and central portions of the State, while the northern and eastern sides received less. The greatest monthly amount reported from an individual station was 13.44 inches at Sheridan, and the least monthly amount was 4.36 at Subiaco. The greatest 24 hour amount reported was 4.99 inches at the Little Rock Airport on the 8th and 9th. There was an average of ten rainy days over the State as a whole. The periods of heaviest rainfall were between the 6th and 10th, and the 24th and 28th.

Clear days averaged 11, partly cloudy 9, and cloudy 10. Sunshine averaged 62% of the possible amount, which is close to normal.

As a result of the heavy precipitation during the month, all rivers in Arkansas exceeded flood stage. Two rises were experienced on the Arkansas. The first occurred between the 10th and 15th, and the second during the last week of the month.

The Ouachita also experienced two rises, passing flood stage at Arkadelphia on the 9th and again on the 27th. The river exceeded flood stage at Camden on the 10th, cresting at 40.2 feet on the 12th. After a fall to 17.2 on the 24th, it rose again and the stage on the 30th was 32.3 feet.

The lower White passed flood stage at Clarendon on the 14th and St. Charles on the 15th, and was still two feet above flood stage at both stations the end of the month.

Freezing temperatures early in April caused slight damage to blooming strawberries and peach trees. However, the cold weather was of short duration. Corn planting was under way early in the month and some was up by the 15th. The preparation of land for planting cotton progressed well until the heavy rains of the 7th and 8th halted all farm work. Much lowland was flooded, necessitating the replanting of crops. The month ended with much cotton still to be planted. Corn was also late and considerable replanting is necessary. Rice seeding was underway, and alfalfa was being cut. Strawberries were ripening during the last week, but quality was affected by the wet weather.

B.N.W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville	30.02	30.33	9	29.67	21	9.5	23	sw.	4	..	..	..	62
Fort Smith	29.96	30.30	1	29.65	9	8.9	29	s.	30	..	..	..	71
Little Rock	30.03	30.32	1	29.64	9	8.8	24	se.	25	80	59	63	58
Memphis .	30.05	30.36	1	29 60	9	7.7	24	sw.	2	80	58	61	63

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Dense fog.	..	..	1	1	1	2	3	3	3	.	.	..	1	1	..	..	2	1	..	..	..	..	.	..	2	4	12	..	1	..	..
High winds	3	19	5	11	9	7	4	3	..	1	..	2	..	1	.	.	.	..	2	..	1	1	4	7	1	3	3	4	1	17	..
Hail......	..	..	1		..	..	1	.	..	.	..	..	..	..	..	..	..	.	.	.	..	..	..	2	1	1	1	1	..	..	.
Thunderstorms ..	..	..	19	..	..	11	20	26	8	..	..	..	6	..	..	11	7	10	1	2	1	..	..	18	30	12	32	15	..	10	..

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891............	62.8	93	22	2.75		8	15	10	5
1892............	61.4	97	27	6.98	0.0	10	12	9	9
1893............	64.9	94	29	7.16	T.	8	11	10	9
1894............	63.1	91	29	6.18	0.0	9	14	8	8
1895............	63.1	98	30	1.99	T.	6	15	8	7
1896............	67.8	94	24	3.65	0.0	5	12	12	6
1897............	61.4	90	31	4.14	0.0	9	12	11	7
1898............	59.2	93	19	3.09	0.0	8	14	8	8
1899............	60.7	96	19	3.28	T.	7	10	11	9
1900............	62.2	96	24	4.98	T.	10	10	12	8
1901............	58.1	96	22	3.82	T.	6	14	8	8
1902............	61.2	96	25	2.87	0.0	8	11	11	8
1903............	60.6	91	26	1.86	T.	6	13	10	7
1904............	56.8	89	24	3.88	T.	8	11	9	10
1905............	61.1	96	25	6.29	T	11	9	10	11
1906............	63.7	97	27	2.55	0.0	6	15	7	8
1907............	54.9	89	24	5.44	0.0	9	10	7	13
1908............	63.3	94	24	6.32	T.	12	9	9	12
1909............	60.9	88	24	4.52	T.	8	15	7	8
1910............	59.8	90	22	5.14	T.	9	12	9	9
1911............	60.5	90	29	9.86	0.0	12	10	9	11
1912............	61.9	93	26	8.14	T.	12	9	11	10
1913............	61.2	94	27	4.91	0.0	6	17	6	7
1914............	61.0	94	19	4.57	0.0	9	11	9	10
1915............	64.3	96	19	2.96	T.	5	14	8	8
1916............	59.9	92	24	3.65	T.	7	13	7	10
1917............	60.4	90	23	5.69	T.	9	14	7	9
1918............	59.6	96	25	7.63	0.0	9	14	6	10
1919...	61.6	95	24	3.56	T.	7	14	6	10
1920...	59.8	94	21	5.49	T.	9	14	7	9
1921...	59.8	91	22	7.87	T.	9	14	6	10
1922............	63.5	90	26	5 54	0.0	9	13	6	11
1923............	61.4	95	23	6.30	0.0	11	14	7	9
1924............	61.4	94	18	4.99	0.0	8	14	6	10
1925............	67.4	98	28	2.62	0.0	6	14	9	7
1926............	59.1	94	18	2.65	T.	7	15	6	9
1927............	65.7	99	26	12.93	0.0	12	12	7	11
1928............	57.3	87	22	8.52	T.	9	13	5	12
1929............	64.0	92	29	5.69	T.	10	11	7	12
1930............	64.9	96	27	1.41	0.0	6	16	7	7
1931............	59.1	92	21	2.62	0.0	9	13	7	10
1932............	63.8	92	28	2.85	0.0	7	16	7	7
1933............	61.1	93	28	4.80	0.9	11	13	8	9
1934............	62.7	90	29	3.51	0 0	8	14	8	8
1935............	60.2	90	29	4.37	T.	9	10	7	13
1936...........	59.7	96	17	2.64	T.	6	15	7	8
1937............	61.7	96	20	3.18	0.1	7	13	9	8
1938............	62.1	94	24	4.83	0.1	8	14	7	9
1939............	59 3	91	19	7.13	T.	8	13	8	9
1940............	59.9	95	18	6.93	T	10	11	7	12
1941............	63.7	94	32	5.04	0.0	10	10	10	10
1942............	62.8	88	20	8.42	0.0	10	11	9	10
Period.......	61.5	99	17	4.98	T.	8	13	8	9

Errata:--February, Batesville Airway, maximum temperasure on 24th. 40°, mean maximum 48.4°, mean temperature 38.7°. Fordyce, total precipitation 2.87 inches. Turnpike mean temperature 37.0°.

March, Brinkley, clear days 12, partly cloudy days 11. Crossett, total precipitation 5.73 inches, days with 0.01 inch or more 10. Marianna, maximum temperature on 9th, 63°, mean maximum 67 5°, mean temperature 54.4°, departure +o.4. Oden, mean temperature 53.0°. Pine Bluff, minimum temperature 26th, 52°, mean minimum 44 8°, mean temperature 57 2°, departure +2.4 Warren, maximum temperature 21st, 6[illegible]°, 27th, 7[illegible]°, mean maximum 7[illegible].7°, mean temperature [illegible]8.1°, departure +2 1°.

Climatological Data for April, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline	755	5	61.0	......	82	28	27	1	13.19	......	4.62	8	0.0	10	6	14	10	w.	L. R. Water Works
Arkadelphia	Clark	200	46	62.8	......	84	17§	30	1§	10.47	+5.60	4.62	8	0.0	11	12	5	13	ne.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	57	......	......	......	......	......	......	6.57	+1.37	4.03	9	0.0	6	9	11	10	......	George W. Reitzammer
Batesville Airway	Independence	363	5	61.2	+ 2.4	85	29	30	1	9.26	......	3.98	8	0.0	10	6	13	11	se.	Airway Observer
Batesville Livestk.	Independence	....	1	60.6	......	83	17§	33	1	9.38	......	3.95	8	0.0	10	15	5	10	.....	Experiment Farm
Batesville River	Independence	277	42	......	......	......	......	......	......	9.17	+4.42	2.45	8	0.0	12	10	5	15	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	49	58.1	− 2.9	78	18	26	1	9.22	+4.37	4.00	8	0.0	8	7	15	8	s.	Minnie Scanlan
Benton	Saline	285	6	58.5	......	82	18§	26	1§	11.01	......	2.60	8	0.0	13	13	9	8	sw.	S. A. Burks
Bentonville	Benton	1295	36	61.2	+ 3.6	83	4	28	1	7.59	+3.24	2.14	25	0 0	12	7	19	4	s.	U. S. Weather Bureau
Bethesda.........†	Independence	500	2	58.9	......	82	16§	26	1	8.60	......	3.96	8	0.0	10	9	15	6	sw.	Soil Conservation Ser.
Big Lake Outlet..†	Mississippi	239	11	......	......	......	......	......	......	5.15	......	3.35	9	0.0	6	12	8	10	......	C. J. Brooks
Black Rock	Lawrence	259	40	......	......	......	......	......	......	5.52	+0.50	1.70	8	0.0	10	16	0	14	......	Vernon C. Howe
Bluff City	Nevada	....	1	64.6	......	83	27	37	1	5.74	......	4.00	8	0.0	5	13	9	8	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	16	63.2	+ 1.6	86	17	34	1	4.37	−0.19	2.83	9	0.0	6	14	9	7	s.	Maureen K. Norris
Booneville (near)	Logan	465	27	63.6	+ 1.4	85	23§	28	1	5.86	+1.56	2.84	8	0.0	11	7	14	9	s.	F. H. Randolph
Boughton........†	Clark	235	6	......	......	......	......	......	......	10.62	......	3.32	8	0.0	12	8	11	11	......	Ruby A. Buie
Brinkley	Monroe	205	56	63.4	+ 1.4	83	18§	31	1	6.57	+1.11	2.58	8	0.0	9	9	10	11	sw.	R. J. Torry
Calico Rock	Izard	361	37	......	......	......	......	......	......	3.21	+3.85	2.30	8	0.0	11	9	1	20	......	William Jones
Camden	Ouachita	116	56	65.6	+ 2.2	85	26	31	1	10.61	+5.83	4.07	26	0.0	8	8	10	12	se.	J. M. Knight
Camp Robinson	Pulaski	463	1	59.8	......	84	18	28	1	11.89	......	2.80	8	0.0	12	2	20	8	sw.	U. S Army
Clarendon	Monroe	172	37	......	......	......	......	......	......	8.62	+3.31	3.53	26	0.0	12	12	5	13	......	R. M. Wheatley
Clinton..........†	Van Buren	516	20	......	......	......	......	......	......	.....	......	....	..	0.0	..	..	..	..	......	Doyle G. Love
Clover Bend	Lawrence	235	3	59.7	......	84	16§	26	1	8.08	......	4.19	8	0.0	8	14	8	8	s.	Farm Security Adm.
Conway	Faulkner	309	58	64.2	+ 2.1	86	26	30	1	8.80	+3.75	3.17	8	0.0	11	13	10	7	s.	E. E. Cordrey
Corning	Clay	293	48	62.2	+ 2.2	88	17	28	1	6.17	+1.07	2.55	9	0.0	9	17	2	11	s.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	5.67	+1.86	2.05	8	0.0	9	12	10	8	......	O. B. McSpadden
Crossett (near)	Ashley	175	29	64.2	− 0.6	87	26	25	1	5.23	−0.46	2.50	8	0.0	8	14	10	6	s.	U. S. Forest Service
Danville	Yell	327	25	......	......	......	......	......	......	5.47	+1.10	1.71	8	0.0	12	9	10	11	......	J. M. Patterson
Dardanelle	Yell	330	55	65.6	+ 2.3	85	4	35	1	6.07	+1.92	2.32	8	0.0	8	4	15	11	s.	Geo. N. Goodier
DeQueen	Sevier	426	6	63.3	......	82	14	28	1	9.67	......	2 80	8	0.0	8	12	9	9	e.	L. D. McCown
Des Arc	Prairie	204	3	64.2	......	84	29	32	1	8.53	......	2.76	9	0.0	13	8	5	17	s.	Z. R. Glenn
Devils Knob.....†	Johnson	2350	5	59.4	......	80	17	36	1	7.06	......	2.44	8	0.0	10	16	3	11	se-	U. S. Forest Service
Dumas	Desha	162	36	65.6	+ 2.0	87	18§	33	1	7.79	+2.99	2.10	8	0.0	8	6	14	10	s.	Ben Johnson
El Dorado	Union	270	41	65.8	+ 1.0	84	29	33	1	10 08	+4.85	2.71	9	0.0	11	10	11	9	s.	Mrs. E. W. Gaston
England	Lonoke	229	35	63 6	+ 0.8	84	18	33	1	10.94	+5.37	4.00	8	0.0	13	6	18	6	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	41	63.1	+ 4.1	85	4	35	1	5.35	+0.43	1.45	8	0.0	9	16	8	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	4	62.6	......	84	29	29	1	7.11	......	1.84	25	0.0	11	6	10	14	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	54	62.3	+ 3.9	83	4	29	1	7.11	+2.51	2.19	25	0.0	11	7	16	7	s.	University of Arkansas
Fordyce	Dallas	280	1	65.0	......	84	26	34	1	10.61	......	3.21	8	0.0	12	12	12	6	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	418	60	64.8	+ 3.0	87	29	35	1	7.96	+4.02	2.82	25	0.0	11	6	13	11	e.	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	4	......	......	......	......	......	......	7.63	......	1.90	8	0.0	9	7	12	11	......	Ft. Smith Water Plant
Fulton	Hempstead	260	56	......	......	......	......	......	......	10.00	+5.33	2.94	8	0.0	9	12	2	16	......	T. J. Logan
Georgetown	White	200	29	......	......	......	......	......	......	8.38	+3.17	2.20	9	0 0	10	17	0	13	......	C. G. Long
Gilbert	Searcy	600	16	58.6	......	84	16	20	1	4.75	−0.36	2.29	8	0.0	10	16	1	13	......	F. E. King
Glenwood	Pike	547	6	......	......	......	......	......	......	9.81	......	3.25	8	0.0	12	12	3	15	......	Chas. A. Price
Grannis	Polk	950	22	60.7	+ 0.3	86	4	27	1	11.27	+4.97	4.16	8	0.0	10	8	8	14	s	W. E. McVay
Gravette	Benton	1250	44	62.3	+ 5.1	85	17	27	1	7.66	+3.10	2.23	25	0.0	11	16	6	8	sw.	Julius A. Schmidt
Green Mountain..†	Stone	1100	4	61.4	......	83	17	36	1	7.01	......	2.82	8	0.0	10	15	6	9	s.	U. S. Forest Service
Harrison	Boone	1052	41	61 8	+ 4.3	86	4	25	1	5 08	+0.14	2.41	8	0.0	9	20	5	5	sw.	J. M. McGanghey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	9.21	......	4.47	8	0.0	12	10	10	10	......	Lester B. Logan
Helena	Phillips	300	69	63.8	+ 1 1	84	18	32	1	7.57	+2.47	3.21	9	0.0	10	10	13	7	se.	James A. Burnett
Highland	Pike	491	22	62.0	− 0.5	79	16§	31	1	11.45	+7 31	3.70	8	0.0	8	14	8	8	s.	Clyde Cooley
Hope (near).....‡†	Hempstead	375	71	62.4	− 1.6	82	17	31	1	12.27	+7.28	4.81	8	0.0	9	3	19	8	se.	Experiment Farm
Hot Springs	Garland	600	50	64.7	+ 1.9	85	28	39	1	9.79	+3.80	4.35	8	0.0	11	11	10	9	s.	National Park Service
Index...........†	Little River	275	24	......	......	......	......	......	......	8.40	+4.22	2.40	8	0.0	8	17	1	12	......	W. E. McDowell
Irons Fork.....†‡‡	Polk	1385	3	59.1	......	81ᵃ	17	24	1	9.79	......	2.78	8	0.0	11	15	4	11	s.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	11.72	+6 06	2.95	8	0.0	11	9	13	8	s.	U. S. Forest Service
Jonesboro	Craighead	345	46	62.9	+ 1.5	86	17	35	1	6.24	+1 45	2.41	9	0.0	8	7	10	13	sw.	Benedictine Sisters
Lead Hill	Boone	650	35	61.4	+ 2.0	88	4	25	1	4.97	+1.03	2.00	8	0.0	10	13	9	8	s.	J. R. Crosswhite
LITTLE ROCK	Pulaski	324	62	63.2	+ 1.1	82	29	36	1	10.76	+5.57	4.95	8	0.0	13	6	11	13	s.	U. S. Weather Bureau
Little Rock Airport	Pulaski	257	5	62.8	+ 0.7	84	18	34	1	11.20	+6.01	4.84	8	0.0	14	6	11	13	se.	W. B. Airport Station
Lutherville.......†	Johnson	775	43	62.6	+ 2 3	83	4	30	1	6.27	+1.43	2.82	8	0.0	10	12	7	11	se.	H. G. Lenhardt
Madison	St. Francis	209	11	......	......	......	......	......	......	6.27	+2.59	3.20	9	0.0	6	10	3	17	......	J. W. Eppes
Magnolia	Columbia	315	25	68.3	+ 3.7	88	27	33	1	12.16	+7.32	2.90	25	0.9	9	7	14	9	se.	State Agri. School
Mammoth Spring	Fulton	600	37	62.0	+ 2.8	87	17	25	1	7.35	+2.49	1.95	9	0.0	10	15	8	7	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	30	63.6	− 1.3	84	18	30	1	6.33	+1.78	2.08	26	0.0	7	4	18	8	s.	Cotton Exp. Station
Marked Tree	Poinsett	229	37	61.2	0.0	85	18	22	1	6.36	+1.88	2.98	9	0.0	8	15	6	9	......	Charles Walton
Mena	Polk	1207	53	63.6	+ 2.1	85	16§	30	1	8.09	+2.38	2.35	8	0.0	13	11	9	10	sw.	E. W. St. John
Monticello Airway	Drew	273	1	65.0	......	85	26	33	1	11.99	......	4.78	8	0.0	13	4	13	13	s.	Airway Observer
Morrilton.......†	Conway	315	25	61.3	− 0.9	84	26§	29	1	8.17	+3.95	3.60	8	0.0	12	4	15	11	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	4	......	......	......	......	......	......	8.65	......	2.19	7	0.0	10	14	8	8	sw.	C. A. Lovell
Mountain Home .†	Baxter	800	29	62.2	+ 3.3	85	4§	26	1	5.65	+0.96	2.60	8	0.0	9	13	5	12	w.	H. N. Haibert
Mountain Valley	Garland	788	4	......	......	......	......	......	......	11 98	......	4.12	8	0.0	10	9	13	8	s.	G. A. Cockman
Mount Ida	Montgomery	702	42	62.4	+ 1.2	86	28	22	1	10.36	+4.47	3.68	27	0.0	11	6	13	11	s.	J. S. Whittington
Mt. Ida CCC	Montgomery	750	2	......	......	......	......	......	......	10 24	......	3 73	7	0.0	11	9	9	12	sw.	U. S. Forest Service
Mulberry (near)..†	Franklin	433	3	......	......	......	......	......	......	6 21	......	2.22	8	0.0	9	12	4	14	......	Clifton Ward
Nashville	Howard	350	3	64.0	......	82	16§	32	1	9.39	......	3.32	8	0 0	13	12	11	7	e.	Brice Carruth
Newport	Jackson	231	58	63.7	+ 1.7	84	18§	31	1	8.92	+3.94	2.68	10	0.0	10	11	12	7	n.	J. D. Henderson
Oden	Montgomery	800	14	63.1	......	84	16§	28	1	10 44	+4.96	3.55	8	0.0	10	10	12	8	se.	U. S. Forest Service
Okay	Howard	288	13	65.3	+ 1.2	83	26	30	1	8.60	−4.84	3.10	8	0.0	10	11	9	10	s.	Charles R. Jackson
Osceola	Mississippi	250	41	......	......	......	......	......	......	4.87	+0.41	3.01	9	0.0	5	22	2	6	......	G. H. Banks
Ozark	Franklin	396	46	64.1	+ 2.1	85	4§	29	1	5.59	+0.97	2.05	8	0.0	10	5	11	14	e.	Orkney O. Milton
Paragould	Greene	275	18	61.4	......	83	29	31	1	5 56	+0 84	3.08	8	0.0	9	16	6	8	sw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	6.38	+0.90	3.35	9	0.0	5	11	5	14	......	Carroll King
Perryville	Perry	325	2	63.1	+ 2.9	85	26§	28	1	7.55	+1.84	3.42	8	0.0	8	10	13	7	ne.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	54	65.7	+ 2.1	87	18	35	1	12.75	+7.24	4.69	26	0.0	11	11	12	7	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	10.16	+4.70	3.47	27	0.0	11	7	13	10	sw.	J. R. Huddleston
Pocahontas	Randolph	300	48	61.6	+ 1.4	83	17	28	1	6 42	+1.57	3.47	8	0.0	9	16	4	10	sw.	Benedictine Sisters
Portland	Ashley	122	35	66.0	+ 1.6	85	26	33	1	7.89	+3.16	5.20	10	0.0	10	12	5	13	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	65.7	+ 2 2	85	18	34	1	11.66	+6.74	4.00	8	0.0	10	15	9	6	s.	W. R. Hambright
Rogers	Benton	1300	51	61.6	+ 3.1	84	4§	29	1	7.90	+3.46	1.83	25	0.0	11	9	12	9	sw.	Howard Fowler
Rosebud	Faulkner	680	7	......	......	......	......	......	......	10.16	......	4.53	8	0.0	10	11	14	5	sw.	G. A. Maddox
Russellville....‡‡	Pope	526	29	62.6	+ 1.6	85ᶠ	30	29ᶠ	1	7.53	+3.53	....	..	0.0	..	6ᵍ	6ᵍ	9ᵍ	......	U. S. Forest Service
St. Charles	Arkansas	175	8	63.5	......	85	17§	33	1	8.35	......	3.27	9	0.0	11	7	9	14	s.	U. S. Biological Survey
St. Francis	Clay	290	14	......	......	......	......	......	......	5 60	+1 54	2.21	9	0.0	8	14	3	13	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	62.8	+ 1 1	84	17§	30	1	9.74	+5.41	2.32	8	0.0	15	10	6	14	se.	Walter A. Smith
Sheridan	Grant	....	1	63.7	......	84	18	20	1	13.44	......	5.53	8	0.0	12	5	18	7	sw.	Ark. Forestry Com.
Siloam Springs	Benton	. ..	1	61.9	......	82	4	30	1	7.66	......	2.00	28	0.0	8	12	10	8	s.	Frank A Treadwell
Springbank......†	Miller	240	32	......	......	......	......	......	......	11.86	+6.61	3.65	8	0.0	9	6	4	20	......	Henry Field
Story	Montgomery	650	17	......	......	......	......	......	......	8.61	+2.45	3.35	28	0.0	8	13	6	11	s.	S. C. Story
Stuttgart	Arkansas	214	54	63.1	+ 0.7	82	17§	33	1	11.03	+5.96	3.22	9	0.0	10	14	9	7	se .	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas	198	6	61.2ᵃ	......	83	5	31	1	10.47	......	3.19	26	0.0	10	......	......	......	......	Rice Experiment Sta

Climatological Data for April, 1942 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	43	64.6[b]	+ 2.8	86[b]	4	32[c]	1	4.36	−0.22	2.27	8	0.0	9	14[a]	5[a]	10[a]	se.	New Subiaco Abbey
Texarkana	Miller	332	57	66.4	+ 2 2	84	26	32	1	9.90	+4.94	2.70	8	0.0	10	11	12	7	s.	H. S. Brashear
Turnpike†	Pope	2240	17	59.5	......	79	4§	33	10	6.28	+1.02	2.36	8	0.0	11	14	5	11	se.	U. S. Forest Service
Wabash	Phillips	179	2	63.2[a]	......	85[a]	19	31[a]	1	6.48	......	1.70	8§	0.0	8	7	13	10	s.	Farm Security Adm.
Waldron	Scott	675	22	62.8	......	85	17§	25	1	5.35	......	2.60	8	0 0	9	5	15	10	se.	Wilson Ferguson
Warren	Bradley	206	47	66.0	+ 2.4	85	26§	32	1	8.87	+2.70	2.05	26	0.0	10	6	5	19	sw.	C. N. Turner
Whitecliffs	Little River	290	35	....	......	......	......	......	......	8.92	+3.88	2 25	8	0.0	9	15	1	14	......	L. M. Snead
White Rock†	Franklin	2285	5	59.6	......	80	4	32	10	7.78	......	2.60	8	0.0	12	9	11	10	se.	U. S. Forest Service
Wilson	Mississippi	237	16	63.6	+ 2.6	87	29	34	1	5.17	−0.12	2.90	9	0.0	5	18	5	7	s.	D. O. Anderson
Wright	Jefferson	234	2	62.4	......	84	5	31	1	10.15	......	3.05	8	0.0	11	9	13	8	se.	Farm Security Adm.
Wynne	Cross	167	33	63.0	+ 1.6	86	17	30	1	5.95	+0.73	2.60	9	0.0	5	11	10	9	s.	B. M. Eddins
State Means				62.8	+ 1.3	88	4§	20	1	8.42	+3.44	4.84	8	0.0	10	11	9	10	s.	

Daily Precipitation for April, 1942

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Total
Abbott [2]	Arkansas							.45	2.55	.50	.04			.03					.05			.15				1.08			.57				5.42
Alum Fork Reser.	Ouachita			.29			.22	.41	4.62	.41	T			.45			T.			T.						1.68	1.10	3.73	.28				13.19
Arkadelphia [2]	Ouachita							.71	4.62	1.82	.04			.02						.03		.04			.02	.93	1.72		.52				10.47
Arkansas City [2]	Mississippi							.07	.59	4.03	T.							.56								T.	.86		T.	.46	T.		6.57
Batesville Air'y. [1]‡	White						.01	.29	3.98	.23				.58					.89							1.44	.55	1.18	.11				9.26
Batesville Livestk.	White							.16	3.95	.38				*	.39				.34			1.01			.54	1.51			1.10				9.38
Batesville River [2]	White							.13	2.45	1.87	.15			.02	.52					.67		.03				.40	1.52	.03	1.38				9.17
Beaty Lake (near)	St. Francis			T			T.	.37	2.91	1.44				T.		T.	T.		T.			T.				.13	1.17	.28	.15		T.		6.45
Bee Branch	Arkansas			T			.32	.20	4.00	T.				.65							T.					1.10	1.35	.15	1.45				9.22
Beech Grove (near)	White							.41	3.54	.48				.19													.24	.28	.13	.34			5.61
Beedeville [2]	White				T.		T.	.54	2.10	1.78	.06				.10			T		.04						.01	1.24		1.00				6.87
Benton [2]	Saline							.69	2.60	1.85	.92			.22	.25			.18		.16		.10				.80	1.93	T.	1.23	.08			11.01
Bentonville [1]‡	Arkansas			T.			1.10	.39	1 41	.26				.13				03	T.		.05	.05			2.02	.12		1.32			.71		7.59
Bethesda [1]	White							.26	3.96	.26				.56						.36		.05				1.51	.55	.85	.24				8.60
Big Lake Outlet [2]	St. Francis							.10	.89	3.35	.05			T.												.44		.32					5.15
Black Rock [2]	White							.20	1.70	1.34	.37			.04	.11											.15	.81	.04	.76				5.52
Blue Mountain [2]	Arkansas							2.00	1.90	.45																.45				.60			5.40
Bluff City (near)	Ouachita						1.22	14	4.00	.03											.35												5.74
Blytheville [2]	St Francis							.03	.78	2.83	.04																.37	T.	32				4.37
Booneville (near)	Arkansas			.01			.46	*	2.84	.33				.16								.18			.83	.41		.41	.23				5.86
Booneville [2]	Arkansas				T.		.12	.48	2.40	.48	T.			.18								.14				.83	06		.50				5.19
Boughton [2]	Ouachita							.95	3.32	1.81	.03			.04	.03						.09	.24			.04	.95	2.85			.27			10.62
Brinkley	White				.08			.38	2.58	1.17				.13			T									.36	1.50	.22	.15				6.67
Calico Rock [2]	White							.32	2.30	1.00	.08			.12	.30			.48		.38						.60	.88		1.75				8.21
Camden	Ouachita							.72	.97	2.29				.03								.07				1.58	4.07		.88				10.61
Camp Chaffee	Arkansas			T.			.92		2.99	.51			.08								.10				1.57	1.48	.24	.05			.23		8.17
Camp Marion [2]	Arkansas			.10				.95	3.55	1.50	.30					.10					.40					1.10	1.60		2.20				11.80
Camp Robinson [2]	Arkansas				1.20			*	2.80	1.45	.08			.08	.34					1.55		.05				.44	2.34		1.56				11.89
Carlisle [2]	Arkansas				.18			.44	2.34	2.40	.06			T.	T.			.18		.06		.01				.15	1.80	.02	.65	T.			8.29
Clarendon [2]	White				.14			.40	.67	3.02	.02				.05			.04								.07	3.53	.02	55	.11			8.62
Clinton	White																																.....
Clover Bend	White							.11	4.19	.71				.07												.16	.89	.44	1.51				8.08
Cold Springs	Ouachita							.51		2.83				.10							.13					.78		93	.60				5.88
Conway	Arkansas			.23				.27	3.17	1.07				.50						.34	.05					1.19	1.04	.87	.07				8.80
Corley [2] (near)	Arkansas						.49	.10	2.20	.48				.14			.17				.06	.08				.68		.14	10				4.59
Corning [2]	White							.08	1.52	2.55	.18			.07	.04		T.									.03	.55		1.15				6.17
Cotter [2]	White							.60	2.05	1.02				.16	T.				.14	.26		T.				.46	.20		78				5.67
Crossett [near]	Ouachita							.40	2.50	1.30							.23		.15							.38	.09		.18				5.23
Danville [2]	Arkansas				.02			.28	1.71	.62	.18			.10	.02							.11				.44	1.36		.44	.19			5.47
Dardanelle [2]	Arkansas				T			58	2.32	.87	.04			12								.13				.53	1.48						6.07
Denmark [2]	White							.47	2.50	1.37	.27			.19	.49					.04		.02				.39	1.42		1.00		T.		8.16
De Queen	Red						.60	2.20	2.80	.90											.64				.15	1.68	.70			T.			9.67
Dermott [2]	Mississippi							.40	3.00	1.83					.01		T.	.20		T.		T				.09	1.42		.42	1.50			8.87
Des Arc [2]	White				.18			.43	1.74	2.76	.06				.12			.10		.13		.01	T.			.14	1.56	.02	1.28		T.		8.53
Devils Knob	Arkansas						.90	.23	2.44	.35				.16					.10		T.					1.40	.02	.17	1.29				7.06
Dumas	Mississippi							.40	2.10	1.72							.01				T.					.98	1.79	.58	.21		T.		7.79
Eagle Gap [2]	Arkansas						.82	*	2.55	.47	.09			.10							.27	.12			.07	1.02	.42		2.05				7.98
El Dorado [2]	Ouachita							1.07	.81	2.71								.46	.04			.06				1.16	2.08		1.55	.13	.01		10.08
Eleven Point [2]	White						T.	.32	3.65	.36				.20												.41	.68	.10	.75				6.47
England	Arkansas			.20			.10	.50	4.00	.60	.02			.15		.01	T.		.25							1.45	1.60	1.50	.56				10.94
Eureka Springs	White						.65	.17	1.45	.31				.34								.08				1.12		.05	1.18				5.35
Evening Shade [2]	White				.02			.15	1.60	3.67	.14			.03	.41					.62						.52	1.67		1.65	.02			9.90
Fayetteville	White			T.			.72	.04	1.63	.21	T			.14				T.	T.	T	.02	.11			.61	1.84		.10	1.66				7.11
Fayetteville Exp. S	White			T			.71	.06	1.47	.22	T.			.16	T.			T.			T	.14			.16	2.19	.03	.17	1 80				7.11
Fordyce	Arkansas						.23	.44	3.21	.38	.01			.08			T.	T.	.60		.05					2.58	2.67	.06	.30				10.61
Forrester [2]	Arkansas						T.	.45	2.20	.90	.30						T				T.					.60	1.35	2.00	1.00				8 80
Fort Smith [1]‡	Arkansas						.77	1.15	2.07	.33			.02	.07							.10			T.	2.47	.48		.47		T.	.03		7.96
Fort Smith W. [2]	Arkansas						.02	1.62	1.93	1.15	T.			.09								.10			T.	1.78	.39		.58				7.63
Fulton [2]	Red						T.	1.28	2.94	1.52				.04				T.			T.	.24			.07	1.23	.80		1.88				10.00
Georgetown [2]	White				.23			.50	1.75	2.20	.20				.15			.10				T.				.15	1.50		1.60				8.38
Gilbert [2]	White							.21	2.25	.49	.03			.20	.24					T.		.07				.29	.13		.84				4.75
Glenwood [2]	Ouachita							1.02	3.25	1.34	.09			.08						.05	.11	.13			.16	1.58	1.22		.78				9.81
Grannis	Red						1.27	.91	4.16	.45			T								.43				.62	2.20	.62	.56		.05	T.		11.27
Gravelly [2]	Arkansas						T.	.20	2.00	2.75	.18													.20		.34	1.06		1.41				8.14
Gravette	Arkansas						.99	.67	1.48	.90	.02			.06				.06				.19				2.23		.22	.84				7.66
Green Forest [2]	White						.23	.11	1.63	.35	.01			.16	T.			T				.05				.89	.22	.74					4.39
Green Mountain	White						.15	.14	2.82	.15				.40			.06	.15				.06				1.62		1.46					7.01
Greenwood [2]	Arkansas						.29	.53	2.60	.55	T			.09								.19				.87	.25		.57				5.94
Harrisburg [2]	St. Francis							.51	1.25	2.19															.15	60	1.06						5.76
Harrison	White						*	.35	2.41	.42				.32						.06						.92		.02	.58				5.08
Heber Springs [2]	White				.01				4.47	.53	.13			.46	.06		.06			.12		.12				.63	1.77		.85				9.21
Helena [2]	Mississippi				.14			.10	.61	3.21	.06							T		.02						T	2.12	.01	1.16	.14			7.57
Henderson [2]	White							.58	2.00	1.10	.03			.07	.15				.09	.42						.52	.28		.69				5.93
Highland	Ouachita						.60	1.20	3.70	.20							2.30				.28					2.20			.97				11.45
Hon [2] (near)	Arkansas					.25		1.75	1.75												.75					1.00		.90	.22				6.62
Hope [2]	Red							1.41	4.81	1.55	T.							.18				.28			.07	1.10	2.04		.83				12.27
Hot Springs	Ouachita						.15	.80	4.35	.21				.13					.08		.06				T	1.68	1.54	.61	.18				9.79
Huttig [2] (near)	Ouachita							.20	.54	3.85							.04	.05	.04							.06	.90		.39	.04			6 11
Index [2]	Red						T.	1.40	2.40	1.70	T.										.10	20			1.70	.70			.20				8.40
Irons Fork [2]	Ouachita						.06	.28	2.78	.61	.09			.10				.01			.17	.12			.04	.68	1.38		3.37		.10		9.79
Jessieville	Ouachita			.21			.38	.85	2.95	1.13				.18							.13					1.86	1.08	2.60	.35				11.72
Jonesboro [2]	White				T.			.58	1.62	2.41	.08				.02											T.	.74	.02	.77				6.24

Daily Precipitation for April, 1942 Continued

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
LaCrosse[2]	White							.22	2.75	.94	.07			.08	.45											.84	1.26		1.40			8.01
Lake City[2]	St. Francis				T.			T.	1.08	2.71	.05				T.												.56	.03	.83			5.26
Lead Hill	White						.23	.20	2.00	.57				.17				.01		.10						.72		.03	.94			4.97
Little Rock[1]†	Arkansas			.15			.04	1.22	4.26	.14	T.		T.	.46			.09		T		.04	T.			.09	2.44	.02	1.78	.03		T.	10.76
LittleRock Air'y[1]‡	Arkansas			.14			.06	1.24	4.84	.12	T		T.	.38		T.	.21		.02	T.	.02	T.			.11	2.07	.01	1.95	03			11.20
Lutherville	Arkansas			.02			.80	.30	2.82	.43				.17					T.		T.				T.	.88	.15	.20	.50			6.27
Madison[2]	St. Francis				T.			.50	.60	3.20	.05												T.				1.67		.25			6.27
Magnolia	Red						.77	.82	2.80	.31											.21				.05	2.90	2.30		2.00			12.16
Mammoth Spg[2]	White							.37	1.52	1.95	.16			.06	.17				.23							.22	1.47		1.20			7.35
Marianna	St. Francis				.20			.45	1.55	1.45																	2.08	.50	.10			6.33
Marked Tree[2]	St. Francis				.02				1.38	2.98	.03								.02	.22							.86		.85			6.36
Marshall[2]	White							*	2.25	.88	.08			.11	.25							.06				.26	.28		.76	.04		4.97
Marvell[2]	White				.17				.93	2.81	.09				.14											.07	1.92	1.04				7.17
Mena[2]	Ouachita						.10	.52	2.35	.68	.14			.05	T.			T.	T.	T	.21	.21			.22	.65	.63	T.	2.16	T.	.17	8.09
Mena CCC	Red						1.00	1.50	.50	.80	.50										.50			.10	.10	1.50		1.70		T.		8.20
Monticello Air[1]†	Ouachita						.35	1.30	4.78	.09	.01			.02			.04	T.	.27		T.					1.90	1.73	.02	1.46		.02	11.99
Morobay[2] (near)	Ouachita							.90	.89	2.53							.77	.41	.02							.78	2.10		2.33			10.78
Morrilton[2]	Arkansas				.15			.35	3.60	.96	.05			.05	.50			.12				.12				.20	1.52		.55	T.		8.17
Mountainburg	Arkansas						2.00	2.19	1.28	.35				.14							.12				.61	1.59	.05	.32				8.65
Mountain Home	White						.50	.30	2.60	.20				.25				T.	.20							.80		.10	.70			5.65
Mountain Valley	Ouachita						.22	.90	4.12	.35				.18							.28					2.12	1.06	2.17	.58			11.98
Mtn. View[2](near)	White							.15	3.50	.89	.02			.27	.30					.13		.01				.85	2.16		.72			9.00
Mount Ida	Ouachita						.20	.70	3 63	.45				.08						.02	.14				.08	1.20		3.68	.18			10.36
Mount Ida CCC	Ouachita					.18	.61	3.73	.45					.09							.18			.08		1.28	.51	3.02	.11			10.24
Mulberry[2]	Arkansas						.34	.88	2.22	.30				.15								.14				1.10	.59		.49			6 21
Nashville	Red						.56	1.08	3.32	.20	.03						.40				.28				.37	1.96	.19	.03	.95		.02	9.39
Newhope(near)[2]	Ouachita							1.21	4.00	.92	.12										T.	.36			.10	1.53	1.03		.98			10.25
Newport[2]	White								.40	1.93	2.68					.20		.31		.74			.03	.01				1.35		1.27		8.92
Odell (near)[2]	Arkansas						.79	.80	1.89	.35	.01			.12					1.69		.05	.27			.03	2.76	.18		1.06			10.00
Oden[1]	Ouachita						.14	.20	3.55	.52							.14				.12	.08	2.23					3.41		.05		10.44
Okay	Red						.47	1.03	3.10	.31											.38				.20	1.74	.19		1.12		.06	8.60
Osceola[2]	Mississippi							.11	.73	3.01	T.																.49		.53			4.87
Ozark[2]	Arkansas				T.		.09	.98	2.05	.41	.05			.15	T.					T.		.06				.77	.43		.60			5.59
Paragould	St. Francis						.05	.55	3.08	.83				.04												.14	.43	.14	.30		T.	5 56
Parkin[2]	St. Francis							T.	1.18	3.85																	.92		.83			6.38
Perryville	Arkansas				.10		.33		3.42					.28			.17		.32							1.92		.98	.13			7.55
Pine Bluff[2]	Arkansas				T.			.49	1.29	2.99	.02			.03	T.		.06	.33				T.				.09	4.69		2.63	.13		12.75
Pine Ridge[2]	Ouachita							.32	3.04	.65	.20			.09							.08	14			.11	.64	1.42	3.47				10.16
Pocahontas	White						.05	.14	3.47	.83				.12												.30	56	.14	.81			6.42
Portland[2]	Ouachita								.12	.42	5.20				.05			.30	.05	.05							.76		.62	.32	T	7.89
Pottsville[2](near)	Arkansas																															.....
Prescott[2]	Ouachita							1.25	4.00	1.90	.04			.06	T						T.	.25			.03	1.12	2.72		.29		T	11.66
Rogers (near)	White						1.15	.42	1.32	.57				.23				1.04		T.	.01	.06			.42	1.83		.95				7.90
Rosebud	Arkansas			.90			.12	.23	4.53	.31				.55												1 17	1.42	.25	.68			10.16
Russellville	Arkansas			.05					*	3.60				.18							.09					.79	1.31	.48	1.03			7.53
St. Charles[2]	White				.07			.56	.59	3.27	.02							.02		T						.07	2.33	.02	1.39	.01		8.35
St. Francis[2]	St. Francis							.49	1.82	2 21	.11			.14	.06												.22	T.	.55			5 60
St. Paul[2](near)	White							1.50	2.50	.70									1.53	.04		.10				1.28	.67		1.35			9.67
Searcy[2]	White				.18			.71	2.32	2.03	.83			.02	.54		.02	.86				.03				.32	1.81	.03	1.02		.02	9.74
Sheridan	Ouachita			T.			.14	.65	5.53	.62				.20			.69		.20		.05					1.75	1.87	1.45	.29			13.44
Shirley[2](near)	White							.31	3.40	.76	.10			.13	.34							T.				.97	1.89		.83			8.73
Siloam Springs	White						.90	.20	1.10	1.30				T.							T.	.11			.45	1.60			2.00		T.	7.66
Sparkman[2] (near)	Ouachita							1.00	2.82	2.12	.03			.06						T.		.04				1.29	2.21		.32			9.89
Springbank[2]	Red						T.	1.45	3.65	1.10	T.			T.					T.			.29			.08	2.06	1.36		1.75	.12	T	11.86
Stamps[2](near)	Red							.77	.73	4.50				T.				T.			T.				T.	*	4.01		1.13		T.	11.14
Stephens[2] (near)	Ouachita							*	5.17					.10			T.		T							2.00	2.01		1.00			10.28
Story[2]	Ouachita							.45	1.30	1.45	.43			.15							.12						1.36		3.35			8.61
Stuttgart[2]	Arkansas				.10			.39	1.05	3.22	.05							T.				.02				.15	3.05		2.72	.28		11.03
Stuttgart Evap.[2]	Arkansas				.07			.56	.80	3.04	.02				.05							T.				.16	3.19	T.	2.50	.08		10.47
Subiaco	Arkansas			T.			.45	.17	2.27	.27				.16							.08				T.	.55	T.	.14	.27			4.36
Sugar Grove[2]	Arkansas				.02			.32	2.30	.36	.02											.12				.50	.12		1.05			4.81
Texarkana[2]	Red							1.35	2.70	1.62	.10										.10	.20			.20	1.00	1.25		1.38			9.90
Tichnor[2]	White				.06			.46	.34	3.77	.02							.01								.11	3.38		1.11	.12		9.38
Turnpike	Arkansas			.05			.76	.37	2.36	.39				.18							T.	.05				.73	.11	.30	.98			6.28
Viola	White							.37	2.64	.84	.05			.08	.05											2 40	.51		.82			7.76
Wabash	Mississippi				.20			.40	1.70	1.67	.03																1.70	.20	.58			6.48
Waldron	Arkansas							.25	2.60	.40								.01			.15				*	.80		1.00	.14			5.35
Walnut Grove(nr).	White						T.	.36	3.75	.46				.21					T	.12						65	1.28	.21	.82		T	7.86
Warren	Ouachita						.30	.53	1.95	1.28				T.		.10					.02					1.75	2.05	.07	.82			8.87
Whitecliffs[2]	Red						.15	1.48	2.25	1.88											.20				.16	1.60	.70		.50			8.92
White Rock	Arkansas						1.38	.47	2.60	.33				.12							.10	.03			.13	1.45	.26	.13	.78			7.78
Wilson[2]	Mississippi								.74	2.90	.05																.70		.78			5.17
Wright	Arkansas			.11			.03	.48	3.05	.50				.05		.02										1.89	1.60	1.75	.67			10.15
Wynne[2]	St. Francis							.30	.70	2.60																	1.10	1.25				5.95

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for April, 1942

(See precipitation data in table on preceding page)

Station	Data	Day of month																													Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Hope, Exp. Farm§§	Evap.	.126	.164	.198	.144	.174	.140	.156	....	....	.078	.146	.176	.120	.132	.186	.134	.102	.136	.086	.384	•	.118	.216	.182	.180	....	.070	.156	.160	.134	.998
	Mean tem.	50	54	64	66	68	64	62	52	52	58	58	58	62	63	65	62	66	68	69	54	60	62	63	65	60	61	68	71	72	72	62.4
	Wind move	42	54	69	53	67	56	63	62	56	56	35	60	35	30	21	14	24	16	11	97	23	51	22	44	55	27	35	15	29	30	1328
Irons Fork, Exp. Forest§§	Evap.	.107	.146	.211	.102	.204	.137	.011	....	....	.132	.126	.178	.128	.082	.191	.173	.113	.180	.129	.133	.014	.129	.205	.215	.085	025	.156	....	.150	.092	3.454
	Mean tem.	46	52	61	60	68	60	61	50	47	50	....	56	59	64	66	65	64	66	65	48	56	56	60	62	69	66	61	70	70	64	59.1
	Wind move	14	24	44	29	61	57	44	19	16	24	16	30	27	22	27	29	14	14	28	17	10	11	19	48	42	26	23	17	29	44	825
Russellville, Ozark Nursery.	Evap.	.108	.196	.062	....	....	....	....	....	....	....	.127	.200	.115	.171	.161	.190	.158	.203	.234	.117	.154	.162	.265	.264	.120	.134	....	.253	.142	.063	....
	Mean tem.	50	63	58	....	....	....	....	....	....	....	56	60	60	70	64	67	68	69	68	62	69	57	61	68	67	68	68	71	74	75	62.6
	Wind move	18	48	36	•	•	•	•	•	•	245	31	55	41	27	31	19	20	24	60	53	19	14	26	73	69	30	12	41	17	61	1070
Stuttgart, Rice Exp.Farm§§	Evap.	.109	.144	.221	.095	.217	.220	.114	.055	.122	.093	.118	.163	.142	.047	•	.321	.082	.147	.151	.263	.115	.155	.217	.164	.280	....	.049	....	....	.266	4.070
	Mean tem.	48	54	60	66	65	62	64	55	52	54	54	52	56	.. .	....	66	68	69	64	57	62	63	64	66	64	68	65	68	72	72	61.2
	Wind move	33	59	115	70	115	124	127	113	90	151	39	51	40	29	•	91	30	13	34	99	44	45	33	60	98	106	27	63	87	17	2003

Daily Temperatures for April, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Alum Fork	Maximum	65	72	70	76	74	73	66	64	52	63	68	64	64	75	76	77	80	79	72	66	70	76	78	78	70	80	80	82	78	79		72.2
	Minimum	27	45	52	47	55	59	59	42	43	40	41	37	47	45	47	52	50	54	55	46	51	50	42	55	59	55	57	62	58	64		49.9
Arkadelphia §§	Maximum	69	76	79	81	83	69	70	53	57	70	76	73	71	83	83	80	84	84	80	57	76	79	82	80	68	80	72	84	80	83		75.4
	Minimum	30	30	36	50	53	61	61	48	48	42	42	42	49	48	48	49	52	55	56	56	50	44	43	45	59	58	60	64	65	65		50.3
Batesville ***	Maximum	66	75	80	79	76	69	75	50	50	64	58	60	54	79	80	81	84	79	66	64	72	77	81	80	60	78	70	77	85	80		71.6
	Minimum	30	50	53	57	59	63	50	42	45	42	44	41	49	44	50	55	54	53	53	45	49	43	42	55	56	56	60	59	64	62		50.8
Bee Branch	Maximum	60	70	71	75	75	72	69	68	47	61	64	60	57	70	72	76	72	78	73	61	68	71	77	76	72	73	73	74	75	76		69.8
	Minimum	26	34	42	45	53	53	51	39	41	37	39	36	45	43	44	50	48	48	52	44	47	37	41	52	53	52	62	55	61	62		46.4
Benton §§	Maximum	67	75	74	79	78	69	70	51	57	69	68	69	65	78	74	80	82	82	67	56	71	76	81	80	63	80	71	82	67	79		72.0
	Minimum	26	27	36	46	52	57	59	48	45	42	39	39	39	44	44	45	52	52	52	50	51	39	40	40	58	56	54	51	63	64		47.0
Bentonville ***	Maximum	68	74	75	83	74	67	61	48	45	62	60	70	68	77	78	82	80	80	68	58	69	77	78	75	67	80	73	80	82	77		71.2
	Minimum	28	54	49	60	59	56	45	40	37	34	42	48	50	53	56	58	58	57	56	47	47	44	49	55	55	56	58	58	64	62		51.2
Bluff City	Maximum	67	76	76	71	74	78	68	65	66	66	75	74	74	77	78	79	82	82	80	75	73	78	80	79	80	82	83	80	80	78		75.9
	Minimum	37	48	54	51	53	54	61	52	49	44	43	45	46	51	54	57	55	59	61	49	52	45	51	55	57	59	63	63	65	66		53.3
Blytheville	Maximum	62	74	79	82	80	74	70	60	55	63	60	58	60	80	80	84	86	82	78	68	76	76	84	78	78	74	82	80	85	84		74.4
	Minimum	34	44	52	56	55	61	58	46	45	43	43	38	48	54	55	58	59	60	51	42	51	42	50	57	55	57	57	60	64	64		52.0
Booneville	Maximum	73	77	77	82	75	73	73	65	50	67	73	70	65	79	80	79	84	83	76	70	73	77	85	77	68	85	82	85	83	81		75.6
	Miuimum	28	52	48	54	59	59	57	46	45	38	38	45	50	53	50	54	55	57	57	48	49	43	48	59	59	56	59	60	65	60		51.7
Brinkley	Maximum	64	74	76	80	78	76	71	68	63	64	64	64	64	76	78	78	79	83	77	68	71	77	80	80	74	79	78	81	83	81		74.3
	Minimum	31	48	53	56	56	63	59	46	47	44	43	42	53	47	55	57	54	54	56	49	54	42	47	58	56	56	61	60	64	65		52.5
Camden	Maximum	69	77	79	80	79	77	70	68	58	67	76	75	76	78	79	78	81	82	83	76	76	82	81	81	77	85	82	81	82	82		77.2
	Minimum	31	40	51	53	53	62	58	48	49	45	46	48	55	52	55	58	57	60	62	52	54	46	46	60	59	59	62	64	64	67		53.9
Camp Robinson §§	Maximum	66	76	74	81	78	69	68	48	54	62	66	64	64	76	78	80	81	84	72	58	71	76	75	80	64	82	69	78	70	79		71.4
	Minimum	28	30	52	54	41	40	66	45	44	42	44	43	43	44	45	45	52	52	57	41	51	41	45	49	54	55	60	60	60	65		48.3
Clover Bend	Maximum	67	75	79	82	77	73	79	68	62	59	58	65	65	78	80	84	84	80	70	66	73	78	83	82	75	77	77	77	84	84		74.7
	Minimum	26	39	47	48	43	44	43	36	41	39	38	42	46	44	34	46	47	52	50	40	43	40	43	43	44	52	52	59	63	56		44.7
Conway	Maximum	72	78	78	83	79	75	74	70	55	69	69	66	62	80	82	82	85	84	73	66	74	78	81	81	71	86	82	83	85	82		76.2
	Minimum	30	49	54	54	57	64	61	46	47	43	42	42	50	44	49	55	33	59	57	51	53	43	46	57	57	56	60	60	65	66		52.3
Corning	Maximum	66	76	83	85	82	80	76	55	50	66	63	58	59	78	81	85	88	81	73	69	77	79	84	83	69	77	80	81	83	84		75.0
	Minimum	28	46	50	53	57	62	59	39	42	40	45	39	44	43	52	55	54	58	49	41	49	39	41	54	53	55	54	57	61	62		49.4
Crossett	Maximum	67	77	80	80	84	81	70	70	64	65	78	72	74	80	80	77	82	82	83	77	76	79	82	80	77	87	82	85	86	81		77.9
	Minimum	25	35	46	50	47	59	60	59	56	41	38	39	52	41	48	53	52	52	55	55	49	39	42	57	57	63	62	63	60	62		50.6
Dardanelle	Maximum	72	80	79	85	81	76	75	72	54	69	69	66	64	79	81	82	84	83	78	73	74	78	82	80	71	82	84	82	83	82		76.7
	Miuimum	35	51	52	55	75	67	67	47	47	43	59	46	59	52	59	52	53	55	59	52	60	43	42	56	54	52	54	57	65	67		54.5
De Queen	Maximum	70	75	77	77	76	75	68	66	56	70	77	74	73	82	77	80	80	80	76	71	72	76	77	74	33	80	72	79	79	76		74.6
	Minimum	28	37	48	52	57	60	44	54	47	39	38	46	52	52	49	56	56	58	62	57	51	44	50	52	60	58	60	62	65	65		52.0
Des Arc	Maximum	65	76	77	80	80	75	73	70	58	67	67	65	64	77	78	80	83	82	75	66	72	77	82	81	75	80	78	80	84	84		75.0
	Minimum	32	47	53	55	57	63	60	45	45	44	45	43	52	50	54	56	55	58	56	50	56	45	52	61	57	57	63	61	65	67		53.5
Devils Knob	Maximum	63	70	70	79	70	65	69	54	46	62	65	59	63	71	72	77	80	75	70	62	67	74	74	72	64	75	72	74	76	72		68.7
	Minimum	36	48	54	52	53	55	54	38	38	33	43	40	45	50	55	56	57	59	53	44	45	54	52	53	52	50	58	56	61	59		50.1
Dumas	Maximum	69	73	81	85	84	77	70	69	64	66	72	69	72	84	83	80	85	87	78	69	74	72	83	85	75	87	82	82	86	82		77.5
	Minimum	33	43	53	55	55	61	60	50	51	45	45	43	53	52	54	58	55	57	60	53	54	45	44	54	57	58	65	63	64	67		53.6
El Dorado	Maximum	68	77	79	80	81	78	67	69	64	66	77	78	77	80	80	72	82	82	80	71	77	80	82	82	71	80	80	83	84	82		77.0
	Minimum	33	45	51	55	56	56	60	64	50	45	43	45	47	50	53	59	57	59	60	57	54	46	53	61	59	61	67	67	63	65		54.7
England	Maximum	64	75	77	79	78	78	75	67	60	65	67	67	67	76	79	80	82	84	74	74	71	76	80	80	70	80	78	79	82	78		74.7
	Miuimum	33	44	53	52	54	61	58	46	47	43	43	43	52	47	57	56	63	58	56	52	53	44	47	56	56	56	63	62	64	60		52.6
Eureka Springs	Maximum	68	74	78	85	80	75	64	51	45	65	63	71	70	76	79	84	83	82	74	65	71	78	80	78	69	82	80	80	83	80		73.8
	Minimum	35	55	54	58	60	58	51	40	39	35	43	44	49	53	55	57	60	57	55	48	47	45	51	67	55	56	62	55	64	65		52.4
Fayetteville	Maximum	69	75	78	83	77	70	64	53	46	64	65	69	69	77	79	82	80	79	77	65	71	79	79	75	71	81	79	82	84	78		73.3
	Minimum	29	53	49	59	58	57	51	41	39	36	43	49	49	54	53	57	58	54	58	50	46	42	53	57	55	55	62	56	65	65		51.8
Fayetteville Exp. S	Maximum	67	74	77	83	82	74	74	54	46	62	62	66	66	74	76	82	80	77	76	68	69	78	77	74	68	78	78	79	80	78		72.6
	Miuimum	29	53	47	59	62	57	54	41	40	36	41	48	49	54	54	56	56	57	61	50	47	42	46	58	56	56	64	56	66	66		52.0
Fordyce	Maximum	69	78	80	81	80	78	70	66	58	70	76	71	72	80	79	77	83	83	81	70	72	82	82	81	75	84	78	82	81	78		76.6
	Minimum	34	45	51	53	55	62	62	48	48	45	43	44	51	50	56	56	55	58	58	51	52	46	48	60	58	57	64	64	64	65		53.4
Fort Smith ***	Maximum	71	77	79	83	78	72	70	56	52	66	72	66	68	79	81	85	84	84	73	57	73	79	82	76	68	83	73	85	87	81		74.7
	Minimum	35	54	53	57	62	60	56	49	45	39	46	49	50	56	56	59	60	61	62	51	49	50	53	59	58	55	63	63	67	67		54.8
Gilbert §§	Maximum	70	77	82	82	79	69	74	59	51	67	63	67	64	77	79	84	83	81	70	64	72	78	74	81	64	84	75	81	84	83		73.9
	Minimum	20	21	42	41	57	59	58	40	40	38	34	34	45	46	41	41	42	43	50	46	46	33	33	34	45	54	49	50	57	57		43.2
Grannis	Maximum	68	74	76	86	74	71	65	62	51	62	78	73	77	77	82	67	82	80	75	70	72	76	78	72	65	81	74	82	77	75		73.4
	Minimum	27	35	43	49	53	55	53	47	40	35	38	47	56	51	57	35	52	47	58	42	42	46	41	47	55	53	58	58	60	60		48.0
Gravette	Maximum	70	75	78	84	79	75	67	54	50	63	63	69	72	77	79	83	85	80	79	79	80	77	80	76	72	81	82	82	82	79		75.1
	Minimum	27	51	39	58	58	56	47	40	37	30	41	47	49	48	53	54	56	55	55	48	45	40	50	54	53	53	61	55	63	62		49.5
Green Mountain	Maximum	65	75	79	79	79	69	72	54	46	62	59	63	59	75	76	79	83	79	65	65	68	74	80	77	70	68	64	79	79	80		70.7
	Minimum	36	51	57	60	57	60	54	39	40	38	46	39	46	45	56	60	58	59	52	45	48	52	53	59	58	54	54	59	65	65		52.2
Harrison	Maximum	70	75	79	86	79	76	65	55	48	63	62	69	68	78	77	85	85	81	70	65	74	78	80	78	71	83	75	81	83	80		74.0
	Minimum	25	52	45	52	59	59	55	40	41	38	41	41	48	51	47	52	52	55	52	46	49	40	39	59	55	54	59	58	63	65		49.7
Helena	Maximum	62	73	75	79	78	76	71	69	61	61	63	64	72	76	79	80	82	84	78	68	69	75	81	79	77	79	78	78	82	80		74.3
	Minimum	32	42	52	52	52	60	61	46	48	48	42	39	51	51	58	59	58	59	57	50	55	44	55	61	57	58	64	61	64	67		53.4
Highland	Maximum	66	73	75	74	75	71	65	63	53	68	73	68	72	75	74	79	79	78	75	65	67	70	79	74	75	78	75	77	78	74		72.3
	Minimum	31	42	50	51	54	59	57	48	46	40	45	46	51	53	49	51	57	57	55	55	50	48	48	53	53	56	63	61	63	63		51.5
Hope §§	Maximum	68	75	78	78	80	69	67	53	54	68	76	71	74	78	77	78	82	81	78	55	72	78	79	78	63	63	75	81	82	78		73.0
	Minimum	31	33	51	53	56	58	58	52	49	43	41	46	52	52	47	54	54	56	60	52	48	45	47	52	58	59	61	61	63	65		51.9
Hot Springs	Maximum	68	75	77	77	79	75	66	63	54	69	76	72	68	79	81	81	83	82	80	73	77	81	84	79	75	82	82	85	82	78		76.1
	Minimum	39	50	53	47	58	61	61	45	46	41	47	44	50	49	54	59	54	58	58	50	50	46	54	55	57	56	62	62	67	65		53.3
Irons Fork §§	Maximum	67	75	73	67	60	65	67	54	50	64	..	67	71	76	78	77	81	80	72	50	67	74	74	72	60	76	66	80	78	67		69.2
	Minimum	24	29	49	53	55	56	55	47	44	37	35	44	47	53	54	53	48	52	58	45	45	37	46	53	58	55	56	60	63	60		49.0
Jonesboro	Maximum	64	74	79	82	80	77	72	63	52	66	64	63	59	79	80	82	86	80	76	67	71	77	83	81	78	77	77	81	84	82		74.5
	Minimum	35	48	48	58	58	61	59	41	43	41	46	39	48	45	52	55	58	61	51	45	52	44	47	56	54	55	56	58	64	62		51.3
Lead Hill	Maximum	71	78	80	88	80	72	65	53	49	64	59	66	64	78	79	87	85	80	71	66	74	77	81	79	71	85	76	81	86	84		74.3
	Minimum	25	51	51	51	51	62	52	41	41	39	36	37	48	51	44	48	51	51	52	41	51	36	36	58	57	56	55	57	60	63		48.4
Little Rock *** (Airport)	Maximum	66	76	72	80	78	70	70	54	57	67	66	64	64	75	77	78	80	84	72	58	72	76	80	81	62	83	71	79	82	79		72.4
	Minimum	34	48	54	52	59	62	54	45	47	43	46	45	52	48	51	56	55	59	58	52	50	47	47	60	57	62	61	62	66	66		53.3
Lutherville	Maximum	68	76	74	83	76	71	72	58	51	69	70	63	62	75	78	82	81	79	74	66	74	75	78	76	71	80	77	80	81	78		73.3
	Minimum	30	43	51	54	57	59	58	44	44	39	44	43	48	52	50	66	54	58	57	49	49	44	52	57	56	54	59	58	65	64		51.9
Magnolia	Maximum	70	78	83	85	86	85	77	72	66	67	77	82	85	81	87	86	87	85	87	85	80	86	83	86	86	87	88	84	85	85		82.0
	Minimum	33	45	53	53	57	63	60	52	51	45	42	48	55	51	54	58	56	59	61	51	53	46	53	56	60	61	67	63	66	67		54.6
Mammoth Spring	Maximum	67	77	81	85	83	78	72	56	48	48	64	64	64	77	80	84	87	80	77	71	75	78	82	82	75	80	79	82	84	85		74.8
	Minimum	25	43	51	49	60	62	56	40	42	40	40	41	41	45	46	52	52	59	52	46	51	39	39	61	52	56	57	56	60	60		49.1
Marianna	Maximum	62	73	73	79	78	77	77	72	69	62	64	64	69	76	79	80	83	84	82	81	70	77	82	82	80	78	78	79	83	82		75.8
	Minimum	30	40	50	50	50	60	58	45	46	42	40	38	50	47	54	57	56	57	57	49	54	43	48	56	57	58	59	60	64	65		51.3
Marked Tree §§	Maximum	65	74	80	80	78	75	70	52	58	62	61	63	64	77	80	82	85	84	69	70	73	78	82	80	66	75	81	79	73	82		73.3
	Minimum	32	40	47	54	52	52	57	45	43	41	41	36	38	43	52	55	57	58	49	44	48	47	44	54	57	55	56	58	59	62		49.2
Mena	Maximum	70	76	77	78	75	71	68	62	52	66	79	74	75	80	81	85	85	83	75	70	73	77	79	75	68	84	76	85	80	78		75.2
	Minimum	30	46	51	56	56	59	57	47	44	39	42	45	50	53	52	57	54	55	59	45	49	49	51	51	59	55	59	62	66	65		52.1
Monticello ***	Maximum	67	75	78	79	82	73	70	68	61	65	73	79	72	77	77	75	80	81	80	63	74	78	80	79	66	85	80	79	83	78		75.2
	Minimum	33	45	52	53	55	62	61	53	51	45	42	44	55	53	57	58	56	59	62	55	54	51	52	60	57	59	66	61	64	66		54.7
Morrilton §§	Maximum	69	76	76	80	77	72	73	53	54	66	65	65	60	75	80	81	81	81	72	59	71	76	80	80	65	84	70	79	84	80		72.8
	Minimum	29	29	51	53	55	61	61	40	44	42	43	44	43	49	49	52	54	55	57	51	51	40	42	46	56	55	54	60	61	66		49.8
Mountain Home	Maximum	70	76	82	85	79	70	69	56	66	65	58	65	62	78	79	84	85	81	72	67	75	77	80	80	72	85	75	84	85	83		74.8
	Minimum	26	43	49	54	57	61	52	40	40	39	43	41	48	49	48	53	52	56	52	44	51	40	46	60	54	56	55	58	58	62		49.6
Mt. Ida	Maximum	71	77	77	79	78	74	69	65	56	68	80	71	72	79	80	82	83	83	78	67	75	80	81	79	78	83	76	86	80	79		76.2
	Minimum	22	38	55	52	59	61	58	46	46	40	34	37	50	47	42	49	53	51	58	48	50	36	36	45	53	50	50	63	65	65		48.6
Nashville	Maximum	57	77	78	77	79	71	68	65	56	70	76	70	74	77	77	82	80	81	78	69	73	77	80	78	71	82	77	82	82	79		74.8
	Minimum	32	39	47	51	56	61	59	51	49	43	42	46	53	55	50	56	58	58	63	49	53	47	51	53	60	58	63	63	66	66		53.3
Newport	Maximum	65	75	79	80	77	79	75	74	69	52	66	63	63	61	76	79	83	84	84	75	67	71	77	81	80	75	77	77	80	83		74.2
	Minimum	31	47	55	58	66	60	65	61	45	46	43	46	41	52	45	55	58	57	60	55	46	54	45	46	60	58	57	58	60	66		53.2
Oden ***	Maximum	70	76	78	79	77	70	69	59	54	65	77	72	73	79	80	84	82	81	78	63	74	79	80	77	64	83	68	84	80	77		74.4
	Minimum	28	40	53	56	60	61	59	48	43	41	39	41	56	53	50	54	55	55	60	50	51	43	46	55	57	56	57	64	65	65		51.8

Daily Temperatures for April, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Okay	Maximum	70	77	79	79	79	79	69	66	56	71	78	77	77	78	78	80	81	82	79	77	73	78	81	78	75	83	82	80	82	80	76.8
	Minimum	30	42	52	53	57	60	58	51	41	44	42	46	55	56	53	56	59	58	62	49	52	46	49	54	65	60	65	64	67	67	53.8
Ozark	Maximum	70	78	78	85	79	75	72	62	53	69	70	68	66	78	80	85	83	80	77	69	74	77	82	79	68	80	74	81	84	79	75.2
	Minimum	29	42	46	55	53	59	59	48	46	40	40	47	50	55	52	54	55	58	60	52	50	44	52	67	66	68	68	68	54	53	53.0
Paragould	Maximum	61	70	75	78	77	72	70	57	52	65	59	58	58	75	78	81	82	76	70	66	71	75	80	79	69	75	78	80	83	81	71.7
	Minimum	31	44	54	54	58	62	57	42	44	42	47	40	47	45	51	55	58	60	51	45	52	43	43	52	57	57	55	60	62	61	51.0
Perryville	Maximum	71	77	75	83	81	77	72	68	56	68	67	66	61	80	81	82	82	81	72	68	72	77	81	80	78	85	85	83	85	81	75.8
	Minimum	28	44	46	41	58	62	62	44	46	42	40	42	49	54	46	52	53	54	57	50	50	39	42	55	57	54	55	60	67	63	50.4
Pine Bluff	Maximum	70	77	79	82	82	74	72	66	67	67	70	68	71	81	83	75	84	87	78	66	75	81	84	82	72	85	78	84	84	79	76.8
	Minimum	35	48	55	56	58	62	60	53	48	45	45	45	54	49	54	57	56	59	59	53	55	47	47	60	58	57	65	64	66	67	51.6
Pocahontas	Maximum	64	75	82	80	79	78	74	64	50	65	65	64	57	76	79	82	83	82	78	69	74	77	80	80	79	76	77	80	81	82	74.4
	Minimum	28	42	47	51	56	58	57	39	42	40	46	40	44	45	48	52	52	58	50	42	50	43	45	54	53	56	54	57	59	57	48.8
Portland	Maximum	66	75	80	80	84	80	73	70	64	65	75	72	75	84	80	77	82	83	83	77	79	80	84	83	77	85	81	82	82	80	77.9
	Minimum	33	41	49	53	50	60	62	62	56	45	43	43	53	48	54	57	57	56	60	54	55	48	47	59	57	62	64	65	61	66	54.0
Prescott	Maximum	69	76	78	79	80	78	70	66	57	68	77	77	74	80	80	80	84	85	84	78	74	80	82	81	79	83	83	83	83	80	77.6
	Minimum	34	46	54	54	59	64	60	50	49	44	43	46	53	50	51	57	56	58	61	50	53	47	47	54	59	59	63	63	65	66	53.8
Rogers	Maximum	69	75	74	84	84	70	70	52	46	64	60	71	70	76	77	83	80	80	70	64	70	76	78	75	70	80	76	80	82	78	72.8
	Minimum	29	51	48	55	57	56	51	40	39	33	43	46	49	50	51	54	56	55	56	47	46	42	49	55	55	55	59	56	65	64	50.4
Russellville	Maximum	72	78	77	..	..	..	..	..	..	..	70	65	70	78	80	82	82	83	76	71	72	76	80	79	76	82	82	81	82	85	73.0
	Minimum	29	48	40	..	..	..	..	..	..	..	41	56	51	62	47	52	53	55	59	52	56	38	42	58	58	55	55	61	66	65	52.1
St. Charles §§	Maximum	65	75	75	80	79	75	71	60	61	67	69	65	70	77	80	80	85	85	74	66	77	77	82	80	65	82	80	80	84	82	74.9
	Minimum	33	42	53	55	55	62	60	51	46	43	43	42	52	48	52	56	53	56	56	49	51	45	47	58	55	55	61	59	60	64	52.1
Searcy	Maximum	67	76	79	82	79	73	73	70	57	68	64	65	60	68	79	81	84	83	75	64	71	78	82	80	72	81	70	83	84	83	74.4
	Minimum	30	40	54	50	55	61	60	42	45	42	43	41	49	45	49	56	53	57	56	49	51	46	44	57	55	56	58	60	66	64	51.1
Sheridan	Maximum	67	77	78	80	80	74	75	74	58	67	70	67	67	79	82	81	83	84	78	65	72	76	81	80	75	82	70	83	82	79	75.5
	Minimum	30	40	53	53	56	63	60	44	46	41	51	39	49	45	53	58	52	65	56	49	52	40	47	56	56	55	62	61	65	65	51.9
Siloam Springs	Maximum	68	75	76	82	78	70	64	54	47	64	63	65	66	74	76	82	80	79	76	66	67	74	78	76	69	79	80	80	81	81	72.3
	Minimum	30	52	46	60	60	57	52	42	38	34	42	46	50	53	54	57	57	57	65	49	46	45	52	56	55	55	55	56	64	61	51.5
Stuttgart	Maximum	65	75	77	79	78	73	72	65	60	66	67	64	68	76	78	79	82	82	76	68	72	77	81	80	74	80	77	79	82	81	74.4
	Minimum	33	44	42	53	54	61	59	48	47	42	43	41	52	46	54	56	54	58	56	50	53	46	48	55	54	56	60	61	63	65	51.8
Stuttgart (near) §§	Maximum	64	73	75	83	79	71	70	59	59	64	67	64	66	..	78	78	82	82	72	65	72	77	81	80	63	80	77	77	82	79	73.1
	Minimum	31	34	44	49	51	53	59	51	46	43	42	41	46	48	..	54	53	56	56	49	53	49	46	52	55	55	53	60	61	65	50.2
Subiaco	Maximum	70	76	79	86	79	74	71	62	61	66	70	70	67	79	80	83	..	85	76	..	74	80	81	78	70	85	83	83	83	79	76.1
	Minimum	32	57	56	56	62	60	60	46	46	41	46	45	49	53	55	56	.	55	57	..	50	45	50	57	58	56	62	62	65	..	53.2
Texarkana	Maximum	71	78	80	80	80	79	68	65	58	70	79	75	78	81	79	80	81	81	82	76	77	81	80	78	75	84	83	81	83	80	77.4
	Minimum	32	45	51	53	56	62	56	55	51	44	44	50	57	58	55	58	58	62	62	54	54	50	53	56	61	61	65	63	66	67	55.3
Turnpike	Maximum	62	72	70	79	72	65	70	56	47	62	64	60	61	73	74	79	78	76	68	62	66	74	75	73	66	75	70	76	78	78	69.4
	Minimum	34	47	54	52	52	55	51	37	38	33	44	38	44	50	55	56	55	59	51	42	47	52	53	56	51	49	58	55	61	59	49.6
Wabash	Maximum	63	73	75	78	79	77	72	70	64	66	65	63	72	76	79	..	84	83	85	70	70	77	81	80	78	80	78	79	83	83	75.3
	Minimum	31	45	54	55	53	60	60	46	48	43	44	39	49	46	55	..	54	53	54	46	51	41	41	55	55	57	60	59	63	65	51.1
Waldron	Maximum	71	77	77	80	78	75	72	69	52	64	74	72	70	78	81	84	85	84	79	73	74	79	78	81	72	83	77	85	83	80	76.2
	Minimum	25	36	49	56	57	60	56	46	44	38	36	45	50	49	45	48	51	53	58	46	48	40	43	42	59	55	54	62	65	64	49.3
Warren	Maximum	67	76	78	79	82	81	69	68	62	66	74	72	79	80	80	77	81	83	81	78	75	79	82	81	79	85	85	80	82	80	77.4
	Minimum	32	46	54	57	57	64	61	53	51	45	48	45	42	48	54	57	57	58	61	56	56	46	45	60	59	59	66	65	67	67	54.5
White Rock	Maximum	63	73	71	80	75	65	66	55	45	63	67	63	65	73	76	79	77	76	72	64	69	73	76	70	59	75	75	77	78	74	69.8
	Minimum	34	48	52	53	53	52	50	38	37	32	45	41	46	51	54	50	56	58	54	44	44	52	54	52	52	51	58	55	60	58	49.5
Wilson	Maximum	62	74	76	81	81	78	74	69	68	61	60	63	65	80	81	76	85	83	81	69	72	78	85	81	78	76	82	80	87	83	75.6
	Minimum	34	46	54	56	57	56	58	48	45	43	43	36	49	48	55	53	57	59	53	45	50	43	47	57	57	53	54	59	65	66	51.5
Wright	Maximum	66	75	75	78	84	78	72	68	60	64	66	63	66	74	70	70	80	83	77	60	70	75	80	79	76	81	78	80	80	79	73.6
	Minimum	31	46	53	52	56	62	58	44	46	44	45	41	51	44	50	54	52	56	50	51	54	44	42	55	56	56	57	60	64	64	51.3
Wynne	Maximum	64	73	77	80	77	77	72	69	59	68	63	63	67	78	79	78	86	82	71	66	70	77	81	80	73	77	80	79	83	81	74.3
	Minimum	30	42	52	52	55	62	58	46	44	44	40	38	50	50	57	59	54	57	54	46	52	40	50	59	57	56	59	58	63	65	51.6

Daily River Stages for April, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	7.0	6.8	6.8	6.8	7.0	7.0	7.3	9.0	18.3	25.1	27.8	28.7	27.6	25.4	22.7	20.2	17.4	16.3	14.4	15.3	20.3	23.9	24.8	23.2	24.3	29.8	31.2	30.6	31.4	32.1
Van Buren	do	22	7.2	7.0	7.0	7.0	7.2	7.1	7.4	9.2	18.7	24.7	26.9	27.8	26.9	25.1	22.7	20.6	18.1	17.1	15.4	15.9	20.0	23.4	24.3	23.1	23.8	28.6	30.0	29.8	30.4	31.3
Danville	Petit Jeau	20	4.2	4.1	4.0	4.0	3.9	3.8	3.8	5.6	20.6	23.0	23.2	21.8	19.9	16.7	13.2	9.8	8.2	7.3	7.0	6.0	5.6	5.3	5.1	4.8	4.6	9.0	10.6	11.0	15.2	14.6
Ozark	Arkansas	22	3.3	2.8	2.7	2.7	2.8	2.8	3.0	5.2	13.3	19.0	22.0	23.6	23.6	22.0	19.6	17.0	14.4	13.0	11.9	10.8	12.4	18.0	19.4	19.1	18.9	23.0	25.7	26.4	26.2	28.0
Dardanelle	do	22	7.0	6.9	5.6	5.4	5.3	5.4	5.6	6.1	15.2	19.4	22.5	24.2	25.2	24.6	23.2	21.1	18.9	16.6	15.6	14.3	14.2	18.3	21.2	21.1	21.1	22.4	25.5	27.2	27.7	27.8
Morrilton	do	20	3.3	3.2	1.2	1.0	0.8	0.8	1.0	1.9	9.6	16.0	19.4	21.0	22.0	22.0	21.0	19.0	17.0	14.8	13.2	12.0	10.8	13.2	17.2	18.4	18.3	18.4	21.4	23.0	24.0	24.4
Little Rock	do	23	5.8	5.5	4.7	4.2	4.0	3.9	4.0	4.6	8.1	15.4	19.1	21.2	22.0	22.2	21.6	20.6	19.2	17.4	15.4	13.9	12.3	11.8	16.2	18.5	19.2	18.8	20.8	22.8	23.8	24.2
Pine Bluff	do	25	8.9	8.9	8.7	8.5	7.0	6.8	6.7	6.8	10.2	15.8	20.4	23.2	24.7	25.7	25.8	24.5	23.4	22.0	20.5	19.1	17.9	16.7	17.9	21.2	22.6	23.0	23.1	25.4	26.1	27.0
Gilbert	Buffalo	30	4.3	4.2	4.2	4.1	4.1	4.0	4.0	6.5	13.4	9.4	7.3	6.7	6.1	5.8	5.4	5.1	5.0	4.8	4.6	4.6	4.6	4.6	4.5	4.4	4.4	5.0	5.2	5.2	7.0	6.1
Black Rock	Black	14	7.0	6.7	6.4	6.0	5.6	5.5	5.4	6.1	21.0	23.0	21.7	20.5	19.6	19.5	19.2	19.1	19.2	19.1	18.8	18.4	17.8	17.0	16.1	15.2	14.0	13.1	13.1	12.5	14.6	13.9
Heber Springs	Little Red	30	6.3	6.0	5.8	5.6	5.4	5.3	5.2	15.4	32.3	17.2	12.7	10.6	9.4	10.0	9.2	8.5	7.5	7.4	7.0	6.7	6.5	6.1	5.8	5.6	5.4	12.6	16.2	13.3	14.5	11.4
Ozark Beach Mo	White	30	1.1	1.6	2.0	2.0	0.8	0.4	-0.6	4.6	11.2	14.4	16.2	11.6	8.6	7.4	6.6	5.8	5.4	5.2	5.0	4.8	4.7	4.6	4.5	2.4	3.7	1.6	4.5	5.4	6.2	7.4
Cotter	do	21	3.5	3.3	3.3	4.2	4.0	3.8	3.5	4.7	11.0	14.2	15.6	16.4	12.3	9.8	8.6	7.8	7.0	6.7	6.5	6.2	5.8	5.8	5.6	5.6	4.6	4.5	4.7	5.8	7.0	7.2
Calico Rock	do	18	3.5	3.2	3.1	3.1	3.4	3.1	3.0	3.4	18.1	19.0	17.3	17.6	14.9	11.2	9.6	8.7	7.7	7.2	6.8	6.5	6.1	5.9	5.6	5.4	5.1	4.9	5.1	6.1	7.6	8.0
Batesville	do	23	8.6	8.4	8.0	7.9	8.0	8.0	7.9	8.0	23.4	25.4	24.7	23.7	23.0	19.9	16.9	15.3	14.4	13.2	12.6	12.1	11.6	11.3	10.8	10.5	10.3	12.6	11.5	13.5	14.6	14.7
Newport	do	26	9.0	8.4	7.9	7.1	7.0	6.8	6.8	6.6	6.6	19.0	23.8	25.9	27.1	27.8	27.9	27.1	26.0	25.9	23.7	22.7	21.6	20.7	19.8	19.0	18.3	17.6	17.1	18.1	17.8	19.2
Georgetown	do	21	14.3	13.7	13.0	12.8	11.6	10.9	10.4	10.4	16.5	19.6	21.2	22.4	23.0	23.6	24.2	24.7	24.8	24.6	24.4	24.0	23.5	23.0	22.6	22.2	21.9	21.7	21.6	21.9	22.1	22.2
Des Arc	do	24	17.7	17.2	16.4	15.9	15.2	14.3	13.5	13.6	17.9	20.7	22.4	23.4	24.2	25.0	25.8	26.6	27.2	27.6	27.6	27.4	27.0	26.5	26.0	25.6	24.9	24.6	24.2	24.1	24.2	24.6
Clarendon	do	26	24.5	21.2	23.9	23.6	23.1	22.6	22.1	21.6	22.5	23.5	24.0	24.9	25.8	26.4	27.0	27.6	28.2	28.6	28.9	29.1	29.3	29.3	29.2	29.1	28.8	28.9	28.7	28.4	28.2	28.0
St. Charles	do	25	24.8	24.7	24.6	24.4	24.3	24.1	23.9	23.7	23.8	23.8	23.9	24.0	24.2	24.4	24.7	25.0	25.4	25.8	26.5	26.8	27.1	27.3	27.5	27.6	27.5	27.6	27.7	27.7	27.6	27.3
Glenwood	Caddo	..	5.8	5.8	5.5	5.8	5.8	5.7	6.0	14.4	9.4	7.5	6.7	6.3	6.1	5.8	5.7	5.6	5.5	5.4	5.1	5.3	5.3	5.3	5.3	5.2	5.6	7.6	6.6	8.6	7.0	6.6
Arkadelphia	Ouachita	17	7.8	6.6	7.6	7.5	7.2	5.5	7.5	13.5	26.8	24.7	21.0	15.8	13.4	10.8	8.7	8.3	8.5	8.2	7.9	7.5	8.0	7.8	7.8	7.6	7.6	13.6	15.5	16.0	23.6	21.8
Boughton	Little Mo	20	6.6	6.3	6.1	6.0	5.7	5.6	5.9	14.2	22.5	22.6	20.7	18.7	16.4	12.8	10.5	9.2	8.8	9.6	8.5	7.6	7.1	7.0	6.8	6.4	6.2	15.8	17.7	18.2	16.8	15.8
Camden	Ouachita	26	17.9	15.0	13.7	12.4	11.4	10.8	9.9	10.5	21.0	29.8	36.6	40.1	39.7	38.1	36.3	34.5	32.6	30.4	28.2	25.8	23.8	20.7	18.6	17.2	16.0	18.5	24.8	29.1	31.1	32.3
Benton	Saline	20	6.7	6.5	6.2	6.2	6.2	6.1	6.0	10.2	24.7	15.5	11.2	10.0	8.8	8.8	8.2	7.7	7.4	7.1	6.9	6.9	6.7	6.4	6.3	6.2	6.2	15.7	15.2	21.4	15.9	10.8
Index	Red	25	8.4	8.2	8.2	8.2	8.2	8.2	8.1	8.8	17.4	24.5	26.4	27.2	27.7	28.6	28.4	27.2	24.2	21.3	19.4	17.5	18.8	24.3	25.5	25.2	24.4	25.3	26.4	27.4	28.5	29.8
Fulton	do	25	7.9	7.8	7.5	7.3	7.2	7.0	7.0	9.0	15.7	23.7	27.0	29.5	31.3	32.5	32.7	32.0	30.8	28.7	26.7	24.6	23.1	26.1	26.8	27.1	27.0	27.2	27.9	28.9	30.2	31.5
Big Lake Outlet	St. Francis	10	9.4	0.2	8.9	8.7	8.4	8.1	7.9	8.0	8.8	9.6	11.4	12.7	13.6	14.0	14.2	14.3	14.3	14.2	14.0	13.7	13.5	13.3	13.0	12.7	12.4	12.2	12.0	11.7	11.4	11.1
St. Francis	do	18	11.2	10.8	10.3	9.7	9.3	9.1	9.0	10.1	16.3	17.7	18.2	18.6	19.7	20.1	20.1	20.0	19.9	19.8	19.6	19.3	18.9	18.6	18.0	17.3	16.4	15.3	14.3	13.0	11.9	11.4
St. Francis L.L.	do	..	23.4	23.3	23.2	23.0	22.9	22.7	22.5	22.5	22.6	22.7	22.7	22.9	23.3	23.6	23.9	24.1	24.3	24.5	24.6	24.6	24.7	24.7	24.6	24.6	24.5	24.5	24.4	24.4	24.2	23.9
Marked Tree	do	17	6.0	6.0	5.9	5.8	5.7	5.6	5.5	5.5	7.8	8.6	8.9	8.9	8.4	7.9	7.5	7.1	6.9	6.7	6.6	6.5	6.4	6.2	6.1	6.1	6.0	6.0	6.0	6.0	7.6	7.8
Parkin	do	28	15.0	14.6	14.2	13.7	13.1	12.6	11.8	11.2	14.4	17.5	18.4	18.7	18.1	17.7	15.9	15.0	14.6	14.5	14.7	15.0	15.4	15.6	15.9	15.9	16.0	16.1	16.1	16.1	16.0	15.9
Madison	do	32	20.4	20.0	19.6	18.8	18.0	17.2	15.9	15.0	17.2	17.8	18.8	19.3	19.4	19.1	18.9	18.8	19.1	19.5	20.1	20.4	20.6	20.8	20.9	20.8	20.7	20.6	20.2	19.8	19.2	18.2
Helena	Mississippi	42	37.8	37.3	36.6	35.6	34.4	33.0	31.4	29.8	28.7	28.0	27.9	28.8	30.5	32.6	34.3	35.6	36.7	37.4	37.9	38.1	38.2	38.0	37.7	37.3	36.7	35.8	34.5	32.6	30.2	27.4
Arkansas City	do	42	31.0	30.9	30.7	30.4	29.8	29.0	28.2	27.2	26.4	25.6	25.5	26.3	27.7	29.2	30.5	31.7	32.6	33.1	33.5	33.7	33.7	33.7	33.6	33.5	33.6	33.8	33.8	33.5	33.0	32.4

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated. observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning: amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Corley, Paris: Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Hon, Waldron; Index, Route 5, Texarkana: Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVII LITTLE ROCK, ARK., MAY, 1942 NO. 5

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GENERAL SUMMARY

The month was slightly cooler than average and over 3° cooler than May of last year. The mean temperature for 78 stations was 68.0°, which is 1.1° below the average of the past 52 years. The first two days of the month were quite warm but cool weather prevailed thereafter until the 25th, with temperatures below 40° reported on one or two mornings. Much warmer weather prevailed after the 25th. Temperatures were above 90° in the State during the last three days of the month. The highest temperature reported in the State was 100° at Okay on the 30th and the lowest was 36° at Gravette on the 4th. There were 13 clear, 10 partly cloudy and 8 cloudy days during the month. Sunshine amounted to 69% of the possible amount.

Precipitation totaled 3.89 inches during May, which is 0.99 inch below the average of the past 52 years. Rain fell on nearly every day from the 13th to the 19th but after the 22d no rain of consequence fell in the State. The heaviest precipitation occurred in the western sections, the least in the eastern districts. The largest total reported from any station was 10.06 inches at Mammoth Spring and the least was 0.93 inch at St. Charles. About 10% of the stations reported less than two inches and about 40% reported over four inches. The greatest rainfall in 24 hours was 3.67 inches at Prescott on the 14th. There was an average of eight days with rain during the month.

The Arkansas River was rising during the latter part of April and crested several feet above flood stage during the first three days of May. Moderate flood stages were also recorded at Camden on the Ouachita, Black Rock on the Black and Danville on the Petit Jean during May. The lower White River was above flood stage during the first two weeks.

The weather was too cool and wet during the first three weeks of May. Cotton planting made fair progress and was mostly completed by the 20th. Cultivation was delayed by unfavorable weather and fields became quite grassy. More favorable weather during the last ten days permitted much progress in cleaning fields. Corn also suffered from the cool wet weather and was at least two weeks late at the end of the month. Farmers were harvesting a good crop of oats during the latter part of the month. The strawberry crop was also good. Potatoes made good progress and looked good as the month ended. Gardens were also in good shape.

A severe hailstorm occurred in Sevier and Little River counties on May 14th, causing damage of more than $75,000. The storm centered in the Cerro Gordo community and covered an area of about 20 miles. All crops were destroyed and trees were denuded of leaves. Some of the hailstones were reported to be as large as hens eggs.

B.N.W.

H. G. LENHARDT

Mr. H. G. Lenhardt, Cooperative Observer at Lutherville since October, 1924, passed away on May 13, 1942. His long and faithful service to the Weather Bureau and the public without compensation is deeply appreciated.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville	29.99	30.29	20	29.61	13	7.5	25	s.	17	..	..	..	72
Fort Smith	29.94	30.25	7	29.57	13	7.6	29	se.	17	..	..	..	70
Little Rock	29.98	30.21	7	29.68	13	8.1	23	w.	21	87	59	62	69
Memphis ..	29.99	30.18	25	29 67	13	7.8	22	sw.	1	84	58	62	69

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog	1	..	..		1	.	..	..	..	.	..	1	1	3		..	..	1	3	2	..	1	2	1	..	.	1	2	1	1	..
High winds	3	4	3	1	.	..	..	..	..	.	1	2	1	3	1	.	.	.	1	1	..	..	..	-	.	1	..	.	.	..	1
Hail	1	..	..	..	..	1	..	..	..	.	3	..	2	2	.	..	2	2	.	.	1	4	..	..	..	.	.	..	..	.	..
Thunderstorms	18	2	25	2	7	19	..	.	..	1	22	2	25	26	5	.	12	20	19	7	9	17	2	..	..	1		..	..	2	1

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67.8	95	36	9.52	0 0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0.0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0 0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70 8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67 6	97	30	6.31	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0 0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
1939	69.4	96	34	4.85	0.0	10	13	9	9
1940	66.6	96	33	3.62	0.0	9	17	8	6
1941	71.4	97	40	2.22	0.0	6	14	10	7
1942	68.0	100	36	3.89	0.0	8	13	10	8
Period	69.1	107	24	4.88	T.	8	13	10	8

Errata:--April, Bee Branch, mean temperature should be 69.5°: DeQueen, mean minimum temperature 51.6°, monthly mean 63.1°: Dermott, total precipitation 7.87 in. Gilbert, greatest precipitation in 24 hours 2.25 in: Newport, precipitation on 8th, 9th and 10th should be moved back to 7, 8 and 9th, on 13th 0.02, 27th moved back to 26th, total 8.94 inches, departure +3.96. Oden, precipitation on 21st and 22d should be deleted, on 24th 0.90 on 25th 1.41 inches. Russellville mean temperature 64.7°, departure from normal +3.7°. Irons Fork, greatest rainfall in 24 hours, 3.37 inches on 28th. Stuttgart, (evap), mean temperature 61-6°.

Climatological Data for May, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline..........	755	5	66.9	......	89	31	44	8	2.37	......	0.61	6	0.0	10	12	12	7	w.	L. R. Water Works
Arkadelphia	Clark..........	200	46	70.5	......	92	30§	44	8	4.29	−0.84	1.50	18	0.0	11	15	11	5	se.	Mrs. Ted R. Carpenter
Arkansas City.....	Desha	145	57	......	......	......	......	......	......	3.65	−1.32	0.93	4	0.0	5	16	8	7	......	George W. Reitzammer
Batesville Airway.	Independence...	363	5	67.8	+ 0.8	94	28§	45	16	2.28	......	0.70	19	0.0	10	6	11	14	s.	Airway Observer
Batesville Livestk.	Independence...	....	1	66.2	......	89	28§	40	8	2.71	......	0.92	23	0.0	6	16	5	10	......	Experiment Farm
Batesville River...	Independence...	277	42	......	......	......	......	......	......	1.99	−3.00	0.77	20	0.0	9	13	8	10	......	Mrs. Ida Barnweil
Bee Branch	Van Buren......	650	49	63.5	− 4.9	86	30	38	8	5.10	+0.04	1.25	19	0.0	9	11	16	4	n.	Minnie Scanlan
Benton	Saline..........	285	6	65.6	......	96	31	42	8	4.00	......	1.14	18	0.0	8	16	11	4	sw.	S. A. Burks
Bentonville	Benton	1295	36	63.8	− 1.2	88	31	38	4	2.27	−2.93	0.56	19	0.0	10	13	15	3	s.	U. S. Weather Bureau
Bethesda ....†	Independence...	500	2	65.1	......	90	30	40	8	1.97	......	0.71	20	0.0	9	14	16	1	sw.	Soil Conservation Ser.
Big Lake Outlet ..†	Mississippi	239	11	......	......	......	......	......	......	2.31	......	0.72	4	0.0	7	16	4	11	......	C. J. Brooks
Black Rock........	Lawrence	259	40	......	......	......	......	......	......	2.54	−2.19	0.66	20	0.0	7	21	1	9	......	Vernon C. Howe
Bluff City..........	Nevada..........	....	1	......	......	92	31	......	......	4.92	......	1.79	13	0.0	7	18	8	5	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	16	69.4	− 0.8	95	28	44	8	1.12	−2.80	0.41	20	0.0	7	17	10	4	s.	Maureen K. Norris
Booneville (near).	Logan	465	27	68.4	− 1.4	92	30§	43	4§	6.05	+0.37	2.55	19	0.0	10	13	12	6	s.	F. H. Randolph
Boughton ....†	Clark..........	235	6	......	......	......	......	......	......	6.05	......	2.52	14	0.0	10	11	12	8	......	Ruby A. Buie
Brinkley	Monroe	205	50	69.2	− 0.8	92	28§	45	8	2.68	−2.71	0.67	22	0.0	9	13	11	7	sw.	R. J. Torry
Calico Rock	Izard	361	37	......	......	......	......	......	......	6.92	+2.27	1.87	4	0.0	9	5	5	21	......	William Jones
Camden	Ouachita	116	56	71.0	+ 0.2	95	31	49	8	3.99	−0.73	1.64	18	0.0	8	7	14	10	se.	J. M. Knight
Camp Robinson...	Pulaski..........	463	1	66.6	......	93	31	44	8	3.11	......	0.70	18	0.0	8	11	12	8	sw.	U. S. Army
Clarendon.........	Monroe..........	172	37	......	......	......	......	......	......	2.65	−1.91	0.83	18	0.0	8	11	8	12	......	R. M. Wheatley
Clover Bend.......	Lawrence	235	3	65.8	......	93	28§	41	7§	2.88	......	0.74	6	0.0	9	11	18	2	n.	Farm Security Adm.
Conway...........	Faulkner........	309	58	69.9	− 0.1	93	30§	46	8	3.28	−1.78	1.01	22	0.0	9	15	9	7	s.	E. E. Cordrey
Corning	Clay............	293	48	68.6	+ 0.6	94	28§	41	8§	2.79	−1.94	0.89	27	0.0	7	20	2	9	w.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	5.23	+0.34	1.87	20	0.0	9	12	12	7	......	O. B. McSpadden
Crossett(near)	Ashley	175	29	68.9	− 2.9	93	29	40	8	2.76	−1.89	1.29	18	0.0	7	15	6	10	s.	U. S. Forest Service
Danville..........	Yell	327	25	......	......	......	......	......	......	5.59	−0.20	2.90	20	0.0	9	9	16	6	......	J. M. Patterson
Dardanelle	Yell	330	55	69.8	0.0	92	30§	44	8§	4.86	−0.33	2.00	20	0.0	10	7	20	4	s.	Geo. N. Goodier
DeQueen	Sevier..........	426	6	69.4	......	90	30§	44	4	3.23	......	1.72	14	0.0	3	13	8	10	......	L. D. McCown
Des Arc...........	Prairie	204	3	70.0	......	93	29	46	8	2.66	......	0.76	6	0.0	11	8	6	17	s.	Z. R. Glenn
Devils Knob..... †	Johnson	2350	5	62.8	......	84	30	38	4	6.27	......	1.49	6	0.0	13	5	15	11	sw.	U. S. Forest Service
Dumas	Desha	162	36	71.0	− 0.2	96	29	46	8	3.66	+0.19	1.62	14	0.0	6	12	14	5	s.	Ben Johnson
El Dorado.........	Union	270	41	71.8	+ 0.4	93	30§	48	8	4.67	+1.19	1.75	18	0.0	7	14	12	5	s.	Mrs. E. W. Gaston
England...........	Lonoke	229	35	66.4	− 3.4	91	29	47	8	2.61	−1.88	0.60	22	0.0	10	10	18	3	sw.	O. V. Halbrook
Eureka Springs....	Carroll	1465	41	65.2	− 1.2	85	28	38	4	4.90	−0.69	2.25	1	0.0	9	17	8	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington.....	1334	4	65.8	......	89	30§	39	4	5.61	......	1.46	1	0.0	11	6	12	13	s.	Charles F. Ford
Fayetteville Exp..	Washington.....	1451	54	65.4	− 0.8	88	31	39	4	5.99	+0.70	1.61	11	0.0	10	14	9	8	s.	University of Arkansas
Fordyce...........	Dallas	280	1	70.7^d	......	93^d	31	46^d	9	3.36	......	1.69	18	0.0	11	16	10	5	s.	Ark. Forestry Com.
Fort Smith	Sebastian	448	60	68.8	− 0.8	94	30	45	4	5.01	+0.19	1.81	5−6	0.0	9	8	15	8	e.	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	4	......	......	......	......	......	......	5.10	......	1.69	20	0.0	9	8	11	12	......	Ft. Smith Water Plant
Fulton............	Hempstead......	260	56	......	......	......	......	......	......	5.66	+1.01	2.65	18	0.0	9	12	7	12	......	T. J. Logan
Georgetown	White...........	200	29	......	......	......	......	......	......	2.55	−2.20	0.80	23	0.0	6	19	4	8	......	C. G. Long
Gilbert	Searcy	600	16	63.1	......	90	28§	37	8	5.88	+1.44	2.87	20	0.0	9	16	5	10	......	F. E. King
Glenwood	Pike	547	6	......	......	......	......	......	......	4.22	......	2.75	18	0.0	8	12	3	16	......	Chas. A. Price
Grannis	Polk............	950	22	67.4	+ 0.4	92	28	41	4	3.59	−2.84	0.93	19	0.0	8	10	13	8	s.	W. E. McVay
Gravette..........	Benton..	1250	44	64.8	− 0.6	89	28§	36	4	3.28	−2.14	1.06	19	0.0	9	22	4	5	sw.	Julius A. Schmidt
Green Mountain..†	Stone...........	1100	4	66.7	......	88	30	41	4	5.05	......	1.63	19	0.0	7	17	11	3	sw.	U. S. Forest Service
Harrison	Boone	1052	41	64.9	− 0.9	90	26§	39	4	5.54	+0.33	1.48	3	0.0	12	16	10	5	sw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	4.41	......	0.77	14	0.0	11	14	10	7	......	Lester B. Logan
Helena	Phillips	300	69	69.4	− 1.4	91	29§	44	8	1.11	−3.58	0.40	15	0.0	7	8	15	8	ne.	James A. Burnett
Highland	Pike............	491	22	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Clyde Cooley
Hope (near).....‡†	Hempstead......	375	71	68.3	− 2.7	93	31	44	8	6.00	+0.80	2.46	18	0.0	9	2	24	5	ne.	Experiment Farm
Hot Springs	Garland	600	50	69.9	+ 0.1	92	29§	45	8§	3.17	−2.84	1.83	18	0.0	7	16	11	4	s.	National Park Service
Index ....†	Little River	275	24	......	......	......	......	......	......	3.70	−0.72	2.60	18	0.0	5	20	3	8	......	W. E. McDowell
Irons Fork .....†‡†	Polk............	1385	3	63.3^b	......	88^d	31	37	7	4.04	......	1.16	6	0.0	12	7	14	10	s.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	2.68	−3.36	0.76	6	0.0	8	6	18	7	sw.	U. S. Forest Service
Jonesboro	Craighead.......	345	46	69.0	− 0.5	94	28	44	16	0.98	−3.21	0.33	20	0.0	6	7	8	16	sw.	Benedictine Sisters
Lead Hill..........	Boone	650	35	65.2	− 2.2	92	28§	38	8	4.37	−0.41	1.05	1	0.0	11	14	11	6	se.	J. R. Crosswhite
Little Rock Airport	Pulaski..........	275	62	68.8	− 1.5	91	31	48	16	3.76	−1.02	0.81	21−22	0.0	9	9	16	6	s.	U. S. Weather Bureau
Lutherville.......†	Johnson	775	43	66.3	− 1.7	89	30§	41	4	6.06	+0.79	1.30	18	0.0	11	15	6	10	s.	Clarence Lenhardt
Madison..........	St. Francis	209	11	......	......	......	......	......	......	2.84	−1.26	0.95	4	0.0	6	6	1	24	......	J. W. Eppes
Magnolia..........	Columbia	315	25	73.0	+ 1.6	95	30§	47	8	7.44	+2.97	2.70	18	0.0	7	6	17	8	se.	State Agri. School
Mammoth Spring .	Fulton	600	37	67.2	+ 1.2	93	28§	39	8	10.06	+5.47	3.66	31	0.0	9	10	15	6	sw.	Mrs. Johnnie Morton
Marianna	Lee.............	235	30	69.0	− 1.2	94	29	45	8§	1.98	−2.30	0.65	22	0.0	5	9	14	8	s.	Cotton Exp. Station
Marked Tree	Poinsett.........	229	37	67.8	− 1.2	93	29§	43	16	1.89	−2.81	0.72	20	0.0	6	11	12	8	......	Charles Walton
Mena.............	Polk............	1207	53	68.4	− 0.2	93	31	43	8	5.10	−1.14	1.51	20	0.0	13	14	9	8	sw.	E. W. St. John
Monticello Airway	Drew............	273	1	69.9	......	91	28§	46	8	4.20	......	2.10	18	0.0	8	6	14	11	s	Airway Observer
Morrilton ....†	Conway	315	25	68.0	− 1.0	94	30	44	8	2.74	−2.17	0.77	20	0.0	8	13	9	9	se.	Mrs. Nova Berry
Mountainburg	Crawford........	712	4	......	......	......	......	......	......	6.07	......	1.80	19	0.0	9	18	5	8	sw.	C. A. Lovell
Mountain Home .†	Baxter	800	29	66.0	− 0.1	91	28§	39	4	4.54	−0.47	1.85	19	0.0	8	14	5	12	w.	H. N. Haibert
Mountain Valley..	Garland	788	4	......	......	......	......	......	......	2.90	......	1.08	18	0.0	6	6	16	9	sw.	C. A. Cockman
Mount Ida	Montgomery	702	42	67.6	− 0.4	92	31	38	8	3.37	−2.56	0.88	6	0.0	9	5	16	10	s.	J. S. Whittington
Mt. Ida CCC.......	Montgomery	750	2	......	......	......	......	......	......	3.45	......	0.82	6	0.0	10	15	9	7	sw.	U. S. Forest Service
Mulberry(near)..†	Franklin.........	433	3	......	......	......	......	......	......	5.49	......	1.52	20	0.0	10	10	7	14	......	Clifton Ward
Nashville..........	Howard	350	3	69.8	......	92	31	47	8	5.56	......	2.51	18	0.0	7	17	12	2	s.	Brice Carruth
Newport..........	Jackson	231	58	69.4	− 0.4	93	28	47	16	2.36	−2.00	0.67	6	0.0	7	6	15	10	n.	J. D. Henderson
Oden	Montgomery	800	14	67.4	......	91	31	42	8§	3.95	−0.88	1.10	3	0.0	9	8	16	7	s.	U. S. Forest Service
Okay	Howard.........	288	13	71.2	+ 0.5	100	30	47	8	7.04	+2.62	2.76	14	0.0	7	15	11	5	s.	Charles R. Jackson
Osceola...........	Mississippi	250	41	......	......	......	......	......	......	1.75	−3.46	0.69	20	0.0	6	14	16	1	......	G. H. Banks
Ozark	Franklin	396	46	67.2	− 2.4	93	30	42	4§	6.52	+1.15	2.12	20	0.0	11	7	10	14	se.	Orkney O. Milton
Paragould.........	Greene	275	18	68.2	......	92	29§	42	16	2.55	−2.25	0.51	14	0.0	7	18	9	4	sw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	2.17	−1.35	0.82	20	0.0	5	9	9	13	......	Carroll King
Perryville..... ...	Perry...........	325	2	68.6	+ 1.2	94	30	41	4	2.88	−2.86	0.90	14	0.0	5	13	15	3	sw.	Rudolph C. Cranford
Pine Bluff.	Jefferson	215	54	71.0	− 0.4	94	29	48	8	3.47	−1.20	1.22	4	0.0	8	12	16	3	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	3.89	−1.38	1.18	3	0.0	8	9	12	10	sw.	J. R. Huddleston
Pocahontas........	Randolph	300	48	67.5	− 0.8	94	28	41	8§	2.36	−2.52	0.70	20	0.0	8	15	6	10	sw.	Benedictine Sisters
Portland	Ashley	122	35	70.6	− 1.0	92	29§	48	8§	4.80	−0.55	2.00	16	0.0	7	15	5	11	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	71.4	+ 1.0	93	31	47	8	6.95	+1.90	3.67	14	0.0	10	15	9	7	s.	W. R. Hambright
Rogers	Benton..........	1300	51	64.2	− 1.6	88	31	37	4	3.64	−1.42	0.92	1	0.0	10	15	8	8	s.	Howard Fowler
Rosebud...........	Faulkner........	680	7	......	......	......	......	......	......	2.75	......	0.72	22	0.0	8	15	10	6	ne-	G. A. Maddox
Russellville ....‡†	Pope	526	29	67.5^g	− 2.1	91^g	28	44^g	8	5.03	−0.56	1.50	19	0.0	9	..	..	..	......	U. S. Forest Service
St. Charles	Arkansas........	175	8	69.2	......	94	29	46	8	0.93	......	0.43	18	0.0	7	11	9	11	se.	U. S. Biological Survey
St. Francis	Clay............	290	14	......	......	......	......	......	......	2.17	−1.78	0.68	4	0.0	5	15	1	15	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	68.6	+ 0.1	92	28§	45	16	1.99	−2.45	0.70	6	0.0	10	15	4	12	s.	Walter A. Smith
Sheridan	Grant.	....	1	68.0	......	92	31	44	8	2.90	......	0.88	18	0.0	9	7	20	4	sw.	Ark. Forestry Com.
Siloam Springs....	Benton..........	....	1	65.0	......	86	30§	37	4	3.06	......	1.28	11	0.0	7	12	12	7	s.	Frank A Treadwell
Springbank ......†	Miller	240	32	......	......	......	......	......	......	4.37	−0.16	2.60	18	0.0	7	10	2	19	......	Henry Field
Story.............	Montgomery	650	17	......	......	......	......	......	......	3.63	−1.44	1.72	6	0.0	7	21	3	7	s.	S. C. Story
Stuttgart	Arkansas........	214	54	68.0	− 1.9	92	30	47	8§	2.24	−2.61	0.80	18	0.0	7	22	8	1	s.	Mrs. B. E. Swim
Stuttgart (near).‡†	Arkansas........	198	6	68.6	......	93	29	45	8	1.41	......	0.60	18	0.0	6	......	......	......	......	Rice Experiment Sta

Climatological Data for May, 1942 Continued

Stations	Counties	Elevation, feet	Length of record, years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	68.6[a]	− 1.3	93[a]	31	45[b]	4§	4.81	−0.46	1.67	19	0.0	10	18	6	7	s.	New Subiaco Abbey
Texarkana	Miller	332	57	71.6	+ 0.2	93	31	49	8	3.72	−0.88	2.40	18	0.0	8	17	10	4	s.	H. S. Brashear
Turnpike†	Pope	2240	17	63.2	......	84	30§	37	4	5.79	+0.07	1.61	19	0.0	13	17	2	12	sw.	U. S. Forest Service
Wabash	Phillips	179	2	69.4	......	94	29	43[c]	8§	1.27	......	0.58	18	0.0	5	7	18	6	s.	Farm Security Adm.
Waldron	Scott	675	22	67.7	......	94	30	41	4§	3.29	−2.71	1.10	19	0.0	8	14	11	6	se.	Wilson Ferguson
Warren	Bradley	206	47	71.2	− 0.2	92	29§	50	9	4.49	−0.21	2.05	18	0.0	7	7	7	17	sw.	C. N. Turner
Whitecliffs	Little River	290	35	....	......	......	......	......	......	5.76	+1.38	1.75	18	0.0	8	14	3	14	......	L. M. Snead
White Rock†	Franklin	2285	5	63.3	......	84	30	38	4	8.08	......	1.60	19	0.0	12	15	4	12	s.	U. S. Forest Service
Wilson	Mississippi	237	16	69.8	+ 0.4	91	29§	45	16	1.97	−3.03	1.20	19	0.0	3	19	1	11	s.	D. O. Anderson
Wright	Jefferson	234	2	68.4	.....	90	28§	46	16	2.18	......	0.80	3	0.0	7	7	22	2	sw.	Farm Security Adm.
Wynne	Cross	167	33	68.4	− 0.9	92	28§	43	8	2.25	−2.47	0.77	6	0.0	6	14	12	5	s.	B. M. Eddins
State Means	......	.. .	..	68.0	− 1.1	100	30	36	4	3.89	−0.99	3.67	14	0.0	8	13	10	8	s.	

Daily Precipitation for May, 1942

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott[2]	Arkansas	.12			.51		1.81								.67	.20			.22		2.00			.11									5.64
Alum Fork Reser.	Ouachita	T.		.14		T	.61					T.	T.	.08	.15				.35	.22	.09	.21	.41	.11									2.37
Arkadelphia[2]	Ouachita	.01			.02		.08						.17	.02	1.11	1.03			1.50	.06			.11	.18									4.29
Arkansas City[2]	Mississippi	T.			.93			T.							.75	.81			.75	.41	T.			T.									3.65
Batesville Air'y.[1†]	White	T.		.01			.23					.02		T.	.17			.41	.02	.70	.01	.65	.06										2.28
Batesville Livestk[1]	White			.37			.31							.15					.22			.74		.92									2.71
Batesville River[2]	White		T.		.06		.17						.05		.18				.32	.02	.77		.32	.10									1.99
Beaty Lake(near)	St. Francis			.08	.14	T.	.65						.05		.06	.07			.20	.82		.04	.39										2.50
Bee Branch	Arkansas	.15		.15			.65					.10		.45	1.10				.65	1.25			.60										5.10
Beech Grove(near)	White	T.		.24											.60	.07		.09		.42		.09					33						1.84
Beedeville[2]	White	T			.25		.39					T.			.19				.08		.32		.12	.17									1.52
Benton[2]	Saline		T.		.46		.19						T.		.68	.19			1.14	T.	.33		.08	.93									4.00
Bentonville[1‡]	Arkansas		.02	.08		.37					T.	.43			.31	.25		.01	.01	.56			.23										2.27
Bethesda[1]	White		.31				.33						.02		.16	.02			.20	.01	.71		.21										1.97
Big Lake Outlet[2]	St. Francis		T.		.72		.18	T.							T.				.08		.68	.05	.47					.13					2.31
Black Rock[2]	White		.35		.56		.52						.09		.12	T.			.24		.66			T.				T.					2.54
Blue Mountain[2]	Arkansas	.40				3.00						.20	.20			.20			.30		.45	.21											4.96
Bluff City..(near)	Ouachita			.82			.03					08		1.70	.50				1.65					.14									4.92
Blytheville[2]	St Francis				.24		.14								T.	T.			12		.41	.03	.02					.16					1.12
Booneville (near)	Arkansas	.56		.09			1.32					.47			.29				.55	2.55	.06		.08	.08									6.05
Booneville[2]	Arkansas	.80	.85		.17		.92						.40		.05	.30			.25	T.	2.24	T.	T.	.14									6 12
Boughton[2]	Ouachita	.03			.27			.45					.09		2.52	1.10			1.23	.04				.32					T				6.05
Brinkley	White			.01	.62		.40						T.	.04	.04	.09			.29		.52		.67										2.68
Calico Rock[2]	White		.10		1.87		1.28						.78		.32	.41			60		1.55			.01									6.92
Camden	Ouachita				.40			.01					.05		.67	.34			1.64	.62				.26									3.99
Camp Chaffee	Arkansas	T	T	.05			1.20						.48		.30	.13			.70	T.	1.37		.24										4.47
Camp Marion[2]	Arkansas				.51		.45								.50	.10			1.50		.50		.10	1.01									4.67
Camp Robinson[2]	Arkansas				.37		.53	T.					T		.35	.10			.70		.30		.38	.38									3.11
Carlisle[2]	Arkansas				.07		.33						.01		.25	.06			.54		.11		.47	.64									2.48
Clarendon[2]	White				.79		.29	.01							.15	.18			.83		.02			.38									2.65
Clover Bend	White	.13		.04			.74								.22				.28	.12	.51		.10								.74		2.88
Cold Springs	Ouachita		.20		.11		1.06						.19		.60				.60		1.42		.15										4.33
Conway	Arkansas						.57					.06	.39	.17	.34				.09		.45	.20	1.01										3.28
Corley[2] (near)	Arkansas	.80		.30			1.19					.52			.08	.23		.05	.37	1.30	.30		.61										5.75
Corning[2]	White				.66		.49						T		.01	.04			.15		.55							.89					2.79
Cotter[2]	White	.23			.98		.32						.65		.11	.63			.12		1.87			.32									5.23
Crossett..[near]	Ouachita				.89		.02								.04	.27			1.29				.10	.15									2.76
Danville[2]	Arkansas		51		.28		.31						.26		.14	.35			.11		2 90			.73									5.59
Dardanelle[2]	Arkansas		.05		.03		.66						.51		.09	.23			.20	.12	2.00			.97									4.86
Denmark[2]	White			.02	.73		.48								.40				.23		.45		.02	.15									2.48
De Queen	Red						.95								1.72					56													3.23
Dermott[2]	Mississippi	.02			.78			.02						T.	.07	1.53				1.35				.13									3.90
Des Arc[2]	White	T.			.19		.76	.02					.09		.19	.11			.34		.37		.06	.50	.03								2 66
Devils Knob	Arkansas	.69		.55			1.49					.56		.16	.33	.04		.04	.36	1.44	.23	.13	.25										6.27
Dumas	Mississippi			T.	.40		T.						T.	.06	1.62	.20			1.36	T.			.02										3.66
Eagle Gap[2]	Arkansas	*	.48		.97	.04	1.32						.24		2.22	.32			.96	*	2.40			T.									8.95
El Dorado[2]	Ouachita				.59			.02							.18	1.29			1.75	.83		.01											4.67
Eleven Point[2]	White	T.		1.32		T.	.39					T.	.13	T		.15			.32	.17	.38						.25						3.11
England	Arkansas			.21	.36		.24						T.	.05	.40	.05			.52		.13	T.	.60								.05		2.61
Eureka Springs	White	2.25		.35								.43			.20	.42			.02	.62	.11		.50										4.90
Evening Shade[2]	White		.58		.83		.80						.28		.15	.03			.54		.58			.05									3.84
Fayetteville	White	1.46	T.	.27		T.	.79			T.		1.35		T.	.21	.14		T.	.42	.70	.02		.19	.06									5.61
Fayetteville Exp. S	White	1.02	T.	.36			1.20			T.		1.61		T	.21	.20			.36	.78	.04	T.	.21										5.99
Fordyce	Arkansas			.03			.03					.02		.07	1.25			.03	1.69	.02		.03	.12	.07									3.36
Forrester[2]	Arkansas	T.			T.		1.25					T			T.	.10			1.40	1.25													4.00
Fort Smith[1‡]	Arkansas		T.	.01		1.75	.06						.74	.04	.19			67	T.	1.35			.20										5.01
Fort Smith W.[2]	Arkansas	.38		.08			.51						.96		.49	.20			.60		1 69			.19									5.10
Fulton[2]	Red	T.	T.		.67		.23	.06							1.00	.77			2.65	.12	.12			.04									5.66
Georgetown[2]	White				T		.75								.55	.10			.20		.15			.80									2 55
Gilbert[2]	White				.24		.96						.32		.56	.31			.11	.03	2.87			.48									5.88
Glenwood[2]	Ouachita			.11	.49		.39						.11			.12			2.75	.04	.21												4.22
Grannis	Red	T.	T.	.67		.01	.62					.20			.26			.07	.83	.93													3.59
Gravelly[2]	Arkansas			.18			.83					T.			.83	.35			.45		1.30			T.									3.94
Gravette	Arkansas	.15		.60			.07					.37			.17	.54				1.06	.02		.30										3.28
Green Forest[2]	White	.45	.13	.13		.14						.21		.08	.39			.37		.64	T.	.37	T.										2.91
Green Mountain	White			.75			1.61					.36		.26		.15				1.63			.29										5 05
Greenwood[2]	Arkansas				T.		1.02						.52		T.	.20			.37	T	1.62		.02	.14									3.89
Harrisburg[2]	St. Francis				1.45		.15								.10			.25			.30			.26									2.51
Harrison	White	1.25		1.48			.33					.05	.08	.07	.12	.32		.03		.80	.20		.81										5.54
Heber Springs[2]	White		.36	.02	.37		.56						.11		.77				.70	.17	.65		.59	.11									4.41
Helena[1]	Mississippi	.01						.02								.40			.28	.03	.02			.35									1.11
Henderson[2]	White		T.		1.08		.23						.36		.28	.41			.25		2.23			.07									4 91
Highland	Ouachita																																..
Hon[2] (near)	Arkansas	.15		.10			1.10					.20			1.05				.85	1.10													4.55
Hope[7]	Red				.85		.25						.19		1.20	.74			2.46	.14	.13			.04									6.00
Hot Springs	Ouachita			.02			.43					.05			.32				1.83	.50			.02										3.17
Huttig[2](near)	Ouachita				.66	.08									.33	.38			.90	.75				.19									3.29
Index[2]	Red						.30	T.							.40	.30			2.60	T.	.10												3.70
Irons Fork[2]	Ouachita	.13	.01		.58	.01	1.16						.12		.32	.33			.35	.09	.92			.02									4.04
Jessieville	Ouachita						.76					.22		.07	.23			.33	.19	.52			.36										2.68
Jonesboro[2]	White		.02		T		.23								.11	T.			.13		.33		.16										0.98

Daily Precipitation for May, 1942 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LaCrosse[2]	White	....	.31	....	.93	....	1.03	....	....	....	....	....	.23	....	.10	....	....	....	.59	....	.95	....	....	....	....	....	....	....	....	....	....	....	4.14
Lake City[2]	St. Francis	T	....	....	.09	....	.20	....	....	....	....	....	T.	....	.06	.02	....	....	.14	....	.25	....	.03	....	....	....	....	.13	....	....	....	....	0.92
Lead Hill	White	1.05	....	.44	....	....	.16	....	....	....	....	.21	.09	....	.05	.61	....	....	.20	.85	.19	....	.52	....	....	....	....	....	....	....	....	....	4.37
Little Rock[1‡]	Arkansas	....	....	.51	....	T.	.45	....	....	....	....	T.	....	.12	.41	T.	....	.23	.37	.71	....	.53	.43	....	....	....	....	....	....	....	....	....	3.76
LittleRock Air'y[1‡]	Arkansas	....	....	.48	....	T.	.50	....	....	....	....	T.	....	.46	.10	T.	....	.15	.45	1.10	....	.24	.44	....	....	....	....	....	....	....	....	....	3.92
Lutherville	Arkansas	.17	....	.24	....	....	1.20	....	....	....	....	.27	....	.01	.69	.01	....	T.	1.30	1.20	.45	....	.52	....	....	....	....	....	....	....	....	....	6.06
Madison[2]	St. Francis	....	....	....	.95	....	.50	....	....	....	....	....	T.	....	....	T.	....	....	.25	....	.61	....	....	.43	.10	....	....	....	....	....	....	....	2.84
Magnolia	Red	....	....	....	.20	....	.09	....	....	....	....	.12	....	1.82	2.38	....	....	....	2.70	....	....	....	....	.13	....	....	....	....	....	....	....	....	7.44
Mammoth Spg[2]	White	....	.01	....	3.32	....	.25	....	....	....	....	....	.25	....	.12	.53	....	....	.58	....	1.34	....	....	....	....	....	....	....	....	....	....	3.66	10.06
Marianna	St. Francis	....	....	.40	....	....	.25	....	....	....	....	....	....	....	.36	....	....	....	.32	....	....	....	.65	....	....	....	....	....	....	....	....	....	1.98
Marked Tree[2]	St. Francis	....	....	....	.26	....	.47	....	....	....	....	....	....	....	T.	T.	....	....	.29	....	.72	....	....	.10	....	....	....	.05	....	....	....	....	1.89
Marshall[2]	White	....	.05	....	1.78	....	.91	....	....	....	....	....	.09	....	18	.43	....	....	.19	....	3.24	....	....	1.28	....	....	....	....	....	....	....	....	8.15
Marvell[2]	White	....	....	....	....	....	....	....	.14	....	....	....	.96	....	....	....	....	....	.24	....	....	....	....	....	....	....	....	....	....	....	....	....	1.34
Mena[2]	Ouachita	.04	.09	.04	.95	.03	1.24	....	....	....	....	....	.23	....	.03	.27	....	....	.59	.03	1.51	....	....	.05	....	....	....	....	....	....	....	....	5.10
Mena CCC	Red	....	....	.50	....	....	1.20	....	....	....	....	.20	....	.10	.25	....	....	.15	....	.75	....	....	T.	....	....	....	....	....	....	....	....	....	3.15
Monticello Air.[1‡]	Ouachita	....	....	.60	....	....	.02	....	....	....	....	T.	....	.15	1.05	....	....	T.	2.10	.02	....	.19	.07	....	....	....	....	....	....	....	....	....	4.20
Morobay[2] (near)	Ouachita	....	....	....	.27	....	....	.03	....	....	....	....	....	....	.25	1.35	....	....	1.12	.88	....	....	....	.13	....	....	....	....	....	....	....	....	4.03
Morrilton[2]	Arkansas	....	T.	....	....	....	.55	....	....	....	....	....	.15	....	.47	.10	....	....	.12	.18	.77	....	....	.40	....	....	....	....	....	....	....	....	2.74
Mountainburg	Arkansas	.69	....	.12	....	....	.61	....	....	....	....	1.06	....	....	.89	.04	....	T.	.61	1.80	.25	....	....	....	....	....	....	....	....	....	....	....	6.07
Mountain Home	White	....	....	1.02	....	....	.30	....	....	....	....	....	.60	....	.12	....	....	....	.15	1.85	.30	....	.20	....	....	....	....	....	....	....	....	....	4.54
Mountain Valley	Ouachita	....	....	.38	....	....	.91	....	....	....	....	....	....	....	.26	....	....	....	1.08	....	.15	....	....	.12	....	....	....	....	....	....	....	....	2.90
Mtn. View[2](near)	White	....	.41	T.	.53	.70	....	....	....	....	....	....	.15	....	.17	.09	....	....	.64	....	1.07	....	T.	.20	....	....	....	....	....	....	....	....	3.96
Mount Ida	Ouachita	.10	....	.77	....	....	.88	....	....	....	....	.06	....	....	.33	....	....	....	.49	.65	.05	....	.04	....	....	....	....	....	....	....	....	....	3.37
Mount Ida CCC	Ouachita	.15	.08	.67	....	.01	.82	....	....	....	....	.06	....	....	.29	....	....	....	.50	.69	.18	....	....	....	....	....	....	....	....	....	....	....	3.45
Mulberry[2]	Arkansas	.05	....	....	.10	....	1.29	....	....	....	....	....	.61	....	.71	.28	....	....	.56	....	1.52	....	.15	.22	....	....	....	....	....	....	....	....	5.49
Nashville	Red	T.	....	34	....	....	.78	....	....	....	....	.17	....	T.	1.65	....	....	T.	2.51	.08	....	....	.03	....	....	....	....	....	....	....	....	....	5.56
Newhope(near)[2]	Ouachita	....	T.	....	....	....	....	.63	....	....	....	....	.22	T.	T	.29	....	....	1.31	....	.20	....	....	.20	....	....	....	....	....	....	....	....	2.85
Newport[2]	White	....	....	....	.54	....	.67	....	....	....	....	....	.01	....	.16	....	....	....	.22	....	.46	....	....	.30	....	....	....	....	....	....	....	....	2.36
Odell (near)[2]	Arkansas	1.04	....	.27	....	....	.87	....	....	....	....	....	1.07	....	.01	.55	....	....	.45	....	.99	....	.20	.05	....	....	....	....	....	....	....	....	5.50
Oden[1]	Ouachita	.02	....	1.10	....	....	1.08	....	....	.08	....	....	....	....	.21	.38	.28	....	....	.77	....	....	.03	....	....	....	....	....	....	....	....	....	3.95
Okay	Red	....	....	.72	....	....	.88	....	....	....	....	.09	....	.03	2.76	....	....	....	2.20	....	.36	....	....	....	....	....	....	....	....	....	....	....	7.04
Osceola[2]	Mississippi	....	....	....	.58	....	.11	T.	....	....	....	....	....	....	....	T.	....	....	.05	....	.69	T.	.14	....	....	....	....	.18	....	....	....	....	1.75
Ozark[2]	Arkansas	.20	.30	T.	T.	....	.84	....	....	....	....	....	.57	....	90	.15	....	....	.57	.05	2.12	....	.20	.62	....	....	....	....	....	....	....	....	6.52
Paragould	St. Francis	....	....	.49	....	....	.42	....	....	....	....	....	....	....	.51	T.	....	....	.22	....	.49	.03	T	....	....	....	.39	....	....	....	....	....	2.55
Parkin[2]	St. Francis	....	....	....	.27	....	.50	....	....	....	....	....	....	....	....	....	....	....	.15	....	.82	....	....	.43	....	....	....	....	....	....	....	....	2.17
Perryville	Arkansas	....	....	T	....	....	.58	....	....	....	....	T.	....	.09	.90	....	....	....	....	.77	....	....	.54	....	....	....	....	....	....	....	....	....	2.88
Pine Bluff[2]	Arkansas	....	....	....	1.22	....	.10	....	....	....	....	....	....	....	.31	.61	....	....	1.08	.07	....	....	.06	.02	....	....	....	....	....	....	....	....	3.47
Pine Ridge[2]	Ouachita	.23	....	1.18	....	....	1.02	....	....	....	....	.11	....	....	.11	.28	....	....	.24	.72	....	....	....	....	....	....	....	....	....	....	....	....	3.89
Pocahontas	White	....	....	.52	....	....	.50	....	....	....	....	....	.05	....	.10	....	....	....	.20	.11	.70	....	....	....	....	....	....	.18	....	....	....	....	2.36
Portland[2]	Ouachita	....	....	....	....	.20	.30	T	....	....	....	....	....	....	T.	.20	2.00	....	....	.55	.77	....	....	.78	....	....	....	....	....	....	....	....	4.80
Prescott[2]	Ouachita	....	....	....	.61	....	.12	.08	....	....	....	....	.12	....	3.67	.84	....	....	1.12	.11	.10	....	....	.18	....	....	....	....	....	....	....	....	6.95
Rogers (near)	White	.92	T.	.18	....	....	.18	....	....	....	.19	.56	....	T.	.13	.48	....	T.	.11	.70	....	....	.19	....	....	....	....	....	....	....	....	....	3.64
Rosebud	Arkansas	.17	....	.12	....	.55	....	....	....	....	....	....	....	....	.24	....	....	....	....	T.	.72	.12	.72	....	....	....	....	....	....	....	.11	....	2.75
Russellville	Arkansas	.30	....	.73	....	....	.73	....	....	....	....	.42	....	....	.30	.31	....	....	.32	1.50	....	....	.42	....	....	....	....	....	....	....	....	....	5.03
St. Charles[2]	White	T.	....	....	.15	....	....	T.	....	....	....	....	.01	....	.01	.28	....	....	.43	.02	....	....	T.	.03	....	....	....	....	....	....	....	....	0.93
St. Francis[2]	St. Francis	....	....	....	.68	....	.17	....	....	....	....	....	....	....	....	T.	....	....	.24	....	.61	....	....	T.	....	....	....	.47	....	....	....	....	2.17
St. Paul[2](near)	White	.46	.06	.50	....	....	1.01	....	....	....	....	....	1.16	....	1.00	.25	....	....	62	....	1.16	....	....	.42	....	....	....	....	....	....	....	....	6.64
Searcy[2]	White	....	....	....	.01	....	.70	.01	....	....	....	....	04	....	.15	.07	....	....	.12	....	.40	....	.02	.47	....	....	....	....	....	....	....	....	1.99
Sheridan	Ouachita	....	....	.32	....	.01	.18	....	....	....	....	.05	....	.32	.52	....	....	....	.88	....	....	.31	.31	....	....	....	....	....	....	....	....	....	2.90
Shirley[2](near)	White	....	.56	T.	....	....	.58	....	....	....	....	....	.18	....	1.05	.05	....	....	.11	T	1.12	....	.06	1.05	....	....	....	....	....	....	....	....	4.76
Siloam Springs	White	.18	....	....	....	....	.17	....	....	....	....	1.28	....	....	.15	.20	....	T.	....	.66	....	....	.42	....	....	....	....	....	....	....	....	....	3.06
Sparkman[2] (near)	Ouachita	....	....	....	.04	....	....	.29	....	....	....	....	.04	....	1.02	.52	....	1.51	.10	.02	....	....	.11	.06	....	....	....	....	....	....	....	....	3.71
Springbank[2]	Red	T.	....	....	.10	....	.03	T.	....	....	....	....	T.	....	.82	.48	....	....	2.60	.32	.02	....	....	T.	....	....	....	....	....	....	....	....	4.37
Stamps[2](near)	Red	....	....	....	1.80	....	.06	....	....	....	....	....	.05	....	1.65	1.40	....	....	.25	2.04	....	....	....	....	....	....	....	....	....	....	....	....	7.25
Stephens[2] (near)	Ouachita	....	....	....	1.37	....	.05	....	....	....	....	.05	....	2.00	1.99	....	....	2.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	7.46
Story[2]	Ouachita	....	....	....	.36	....	1.72	....	....	....	....	....	.18	....	.22	....	....	....	.40	....	.72	....	....	.03	....	....	....	....	....	....	....	....	3.63
Stuttgart[2]	Arkansas	....	....	....	.43	....	.13	.05	....	....	....	....	....	....	....	.25	....	....	.80	....	.06	....	....	.52	....	....	....	....	....	....	....	....	2.24
Stuttgart Evap.[2]	Arkansas	....	....	....	.12	....	.02	....	....	....	....	....	....	....	....	.16	....	....	.60	....	....	....	.04	.47	....	....	....	....	....	....	....	....	1.41
Subiaco	Arkansas	.41	....	.39	....	....	.58	....	....	....	....	.46	....	....	.26	.01	....	T	.49	1.67	.06	....	.48	....	....	....	....	....	....	....	....	....	4.81
Sugar Grove[2]	Arkansas	....	.30	....	.07	....	.75	....	....	....	....	....	.18	....	.06	.33	....	....	.32	....	1.23	....	....	.10	....	....	....	....	....	....	....	....	3.34
Texarkana[2]	Red	....	....	....	.12	....	.35	....	....	....	....	....	.15	....	.38	.10	....	....	2.40	.10	.12	....	....	....	....	....	....	....	....	....	....	....	3.72
Tichnor[2]	White	....	....	....	.22	....	....	.01	....	....	....	....	....	....	.15	.79	....	....	.63	.18	....	....	....	.19	....	....	....	....	....	....	....	....	2.17
Turnpike	Arkansas	.04	....	.60	....	.01	1.18	....	....	....	....	.11	....	.07	1.50	.09	....	....	.18	1.61	.06	.01	.33	....	....	....	....	....	....	....	....	....	5.79
Viola	White	....	....	....	....	1.82	.42	....	....	....	....	....	....	.27	....	.28	.31	....	....	....	....	1.51	....	....	....	....	....	....	....	....	....	....	4.61
Wabash	Mississippi	....	....	T.	.05	....	.04	....	....	....	....	....	....	....	....	.25	....	....	.58	....	....	....	.35	....	....	....	....	....	....	....	....	....	1.27
Waldron	Arkansas	.35	....	.23	....	....	.59	....	....	....	....	.20	....	....	....	....	....	....	.80	1.10	.01	....	.01	....	....	....	....	....	....	....	....	....	3.29
Walnut Grove(nr)	White	.67	....	T.	....	....	....	....	....	....	....	....	T.	T.	.50	....	....	T.	.37	.13	.62	....	T.	....	....	....	....	....	....	....	....	....	2.29
Warren	Ouachita	....	....	T.	.47	....	T.	....	....	....	....	T	....	.45	1.12	.10	....	....	2.05	....	....	....	.25	.05	....	....	....	....	....	....	....	....	4.49
Whitecliffs[2]	Red	....	....	.70	....	....	.96	....	....	....	....	....	....	.40	....	1.26	....	....	1.75	.10	.49	....	....	.10	....	....	....	....	....	....	....	....	5.76
White Rock	Arkansas	.25	.16	.93	....	....	.70	....	....	....	....	.93	....	T	.27	.19	....	.05	.85	1.60	T.	....	.92	1.23	....	....	....	....	....	....	....	....	8.08
Wilson[2]	Mississippi	....	....	....	.35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.20	....	....	....	....	....	....	.42	....	....	....	....	1.97
Wright	Arkansas	....	....	.80	.02	....	.15	....	....	....	....	T.	....	T.	.35	.09	....	....	.56	....	....	....	.21	....	....	....	....	....	....	....	....	....	2.18
Wynne[2]	St. Francis	....	....	....	.35	....	.77	....	....	....	....	....	....	....	.17	T	....	....	.25	....	.46	....	....	.25	....	....	....	....	....	....	....	....	2.25

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for May, 1942

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Hope, §§ Exp. Farm	Evap.	.114	.146	.252	.262	.146	.193	.139	.168	.166	.336	.082	.148	.460	.072	.262	.172	.224	....	.060	.054	.090	.238	.119	.167	.174	.202	.238	.236	.228	.236	.252	5.636
	Mean tem.	74	75	72	62	66	70	60	58	59	62	61	72	70	66	62	64	66	66	66	62	66	66	66	67	70	72	77	79	80	80	80	68.3
	Wind move	79	50	68	69	30	42	59	24	38	25	35	20	32	34	50	40	29	40	17	47	34	31	37	27	5	24	55	87	33	30	26	1167
Irons Fork, §§ Exp. Forest	Evap.	.106	.197	.194	.068	.143	.079	.195	.172	.147	.156	.212	.053	.147	.131	.035	.146	.194	.024	.020	.028	.065	.106	.090	.090	.115	131	.179	.105	.156	.197	.213	3.894
	Mean tem.	74	74	66	....	60	57	48	52	58	60	62	66	72	51	....	....	....	62	64	56	58	58	57	58	62	70	74	72	74	76	76	63.3
	Wind move	62	37	52	20	22	23	32	15	8	13	29	31	36	21	5	11	33	9	1	8	7	5	4	1	3	19	19	14	12	13	11	576
Russellville, Poly Tech. College	Evap.	.362	.195	.270	.150	.175	.405	.099	.202	....	....	.150	.179	.081	.084	.425	.305	.044	.178	....	....	.135	.196	....	....	....	....	....	....	....	....	....	....
	Mean tem.	75	72	72	60	66	72	64	69	....	65	70	67	75	71	61	62	68	70	65	62	66	66	....	....	65	....	....	76	....	....	74	67.5
	Wind move	35	20	63	27	13	60	48	6	*	19	26	18	26	16	47	32	10	28	*	71	16	16	*	*	37	*	*	83	*	*	12	729
Stuttgart, §§ Rice Exp. Farm	Evap.	.152	.210	.195	.187	.150	.152	.166	.140	.199	.185	.232	.196	.277	.057	.089	.110	.228	.171	.021	.128	.047	.123	.076	.157	.194	.236	.222	.256	.217	.281	.266	5.320
	Mean tem.	72	72	71	60	68	68	58	58	60	73	71	74	70	72	62	60	68	68	70	62	64	62	64	66	66	73	76	79	80	81	79	68.6
	Wind move	127	121	168	103	31	47	64	29	21	18	63	48	102	52	67	53	43	59	16	49	25	18	26	13	18	33	114	40	73	59	52	1752

Daily Temperatures for May, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	78	81	80	71	77	73	70	72	75	80	80	80	79	74	68	76	78	75	70	68	73	70	75	75	79	83	84	87	88	88	89	77.3
	Minimum	56	58	65	47	51	62	51	44	48	53	60	55	64	60	52	46	53	63	63	52	56	54	51	51	49	63	62	65	66	66	66	56.5
Arkadelphia §§	Maximum	84	87	78	75	83	82	78	82	85	85	83	86	83	82	82	83	83	82	82	83	83	82	79	82	83	83	89	90	91	92	92	83.7
	Minimum	67	65	67	49	54	60	52	44	46	48	49	58	58	64	52	49	55	64	62	52	56	55	55	54	52	58	64	65	66	67	68	57.3
Batesville ***	Maximum	82	80	74	66	76	76	66	71	76	85	75	86	83	79	67	78	83	77	66	71	79	65	76	78	81	82	91	94	94	93	94	78.8
	Minimum	68	65	56	48	46	55	48	47	49	56	57	58	65	62	50	45	54	63	54	54	54	53	50	51	48	62	69	67	69	70	68	56.8
Bee Branch	Maximum	77	77	79	69	71	73	71	70	70	75	75	77	78	74	64	72	75	75	70	70	69	67	72	74	75	82	83	85	85	86	85	75.0
	Minimum	63	52	60	41	41	57	43	38	41	46	54	51	61	58	48	40	48	69	59	49	51	49	44	50	44	55	58	58	61	62	60	52.0
Benton §§	Maximum	83	89	85	71	82	78	67	74	82	82	75	83	81	72	70	72	82	73	75	70	70	77	72	72	80	79	86	89	89	89	96	78.9
	Minimum	66	63	48	45	46	52	49	42	43	44	45	54	55	61	53	44	45	45	61	53	54	54	49	46	46	47	61	62	64	64	64	52.4
Bentonville ***	Maximum	76	76	70	72	78	65	65	72	74	78	65	78	84	65	65	78	70	66	61	69	71	70	72	74	77	85	86	87	87	86	88	74.5
	Minimum	62	54	42	38	54	45	42	42	46	55	58	58	64	47	45	44	60	59	51	44	48	50	46	46	50	56	64	69	69	69	65	53.0
Bluff City	Maximum	83	84	85	73	80	80	76	74	78	80	83	84	83	80	72	84	78	74	75	70	77	77	75	80	82	85	87	90	90	90	92	80.7
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Blytheville	Maximum	84	84	76	72	82	76	67	78	76	82	80	86	86	85	80	79	86	83	74	78	71	76	78	80	82	74	90	95	94	94	92	81.3
	Minimum	64	62	67	50	49	60	48	44	46	50	58	61	63	65	63	45	56	63	63	54	50	50	50	54	52	60	65	67	69	72	67	57.6
Booneville	Maximum	84	81	81	72	79	78	71	75	80	82	80	84	86	77	70	80	78	72	70	74	78	78	78	79	81	85	86	87	89	92	92	80.0
	Minimum	62	60	60	43	55	55	45	43	47	54	60	60	67	59	50	46	63	63	60	48	53	57	52	51	51	64	63	65	67	67	66	56.7
Brinkley	Maximum	82	83	78	73	82	80	76	72	78	81	81	83	80	80	74	76	82	78	78	72	76	69	78	78	81	86	88	92	92	91	92	80.4
	Minimum	67	64	68	51	53	64	50	45	49	53	57	60	63	63	57	46	51	65	61	56	53	54	50	51	49	59	67	67	66	71	65	57.9
Camden	Maximum	82	84	85	83	82	79	76	77	81	84	82	85	85	82	73	80	84	76	78	71	79	81	79	82	85	88	89	91	94	92	95	82.7
	Minimum	69	67	69	52	55	55	55	49	50	54	62	60	65	63	53	51	56	64	60	56	55	56	53	55	55	63	65	73	61	69	67	59.3
Camp Robinson §§	Maximum	83	85	77	70	80	75	66	72	77	65	78	85	77	71	68	76	82	73	73	70	75	76	78	78	80	85	88	90	91	92	93	78.4
	Minimum	65	65	65	47	48	56	48	44	46	68	42	52	52	52	53	45	50	57	57	52	55	55	48	50	47	50	65	63	67	68	63	54.7
Clover Bend	Maximum	81	84	79	69	76	73	74	77	79	82	77	84	80	80	71	80	84	79	70	72	71	66	64	72	73	80	90	93	90	93	91	78.5
	Minimum	59	61	56	46	47	45	41	46	47	49	53	53	59	61	54	41	47	59	53	51	51	46	45	57	49	54	59	62	64	67	66	53.2
Conway	Maximum	85	85	80	73	83	81	75	76	81	85	79	85	82	77	73	79	84	77	74	73	80	71	79	82	84	88	90	92	92	93	93	81.6
	Minimum	65	65	70	48	52	63	48	46	48	53	59	58	65	62	55	48	55	64	65	53	55	56	50	54	51	61	65	65	68	68	68	58.2
Corning	Maximum	81	86	78	71	79	79	72	76	80	82	85	86	84	84	75	80	86	84	75	77	72	75	78	82	83	81	90	94	94	93	92	81.7
	Minimum	64	64	61	46	45	60	44	41	45	57	55	56	62	62	53	41	49	59	59	52	55	50	46	51	46	59	64	66	66	71	69	55.4
Crossett	Maximum	87	85	82	76	85	83	79	74	79	84	85	85	82	85	75	79	82	78	83	78	80	82	78	82	84	87	90	92	93	91	91	83.1
	Minimum	62	63	65	54	59	62	50	40	41	46	53	58	63	60	50	43	50	63	55	56	51	51	47	47	46	54	57	61	62	67	61	54.7
Dardanelle	Maximum	87	84	81	72	81	81	75	74	80	84	82	84	86	81	71	80	79	79	73	75	78	77	78	80	83	89	89	91	91	92	92	81.6
	Minimum	67	65	69	48	57	64	49	44	51	56	62	54	65	61	49	44	58	47	63	51	48	69	52	54	50	63	66	66	68	68	70	58.0
De Queen	Maximum	84	83	79	75	79	78	72	74	77	81	77	82	82	77	79	78	77	73	70	70	76	75	77	81	80	84	86	86	89	90	90	79.4
	Minimum	67	66	64	44	60	61	52	45	56	55	60	61	68	62	49	55	62	63	63	52	57	53	55	54	57	66	64	65	68	70	69	59.5
Des Arc	Maximum	83	84	78	73	82	79	76	72	78	83	80	85	83	80	70	77	82	78	75	72	70	70	77	78	81	88	89	92	93	92	91	80.4
	Minimum	68	65	69	58	55	64	50	46	50	55	60	61	65	64	56	49	55	65	64	55	55	56	50	52	51	63	67	67	69	72	70	59.5
Devils Knob	Maximum	75	75	71	68	67	67	65	70	70	74	67	73	67	69	67	69	64	68	62	67	66	68	69	72	74	80	81	83	82	84	83	71.5
	Minimum	55	61	51	38	49	50	39	50	52	57	52	56	61	58	44	51	53	47	47	47	52	52	50	54	57	60	64	66	68	68	68	54.1
Dumas	Maximum	86	87	87	75	88	81	82	75	82	86	86	89	80	84	79	80	82	73	84	71	77	77	78	82	84	88	91	94	96	94	93	83.6
	Minimum	64	67	67	56	58	68	58	46	49	53	60	60	63	64	47	47	53	64	60	55	55	57	51	53	50	58	66	65	67	72	63	58.4
El Dorado	Maximum	84	84	85	78	85	83	79	76	81	85	83	86	80	85	74	80	82	73	78	73	79	80	81	83	84	89	90	92	92	93	93	82.9
	Minimum	67	67	69	57	63	65	56	48	49	53	60	61	66	65	54	51	58	64	60	57	54	56	54	57	59	63	66	69	69	71	70	60.6
England	Maximum	80	82	78	70	81	76	67	71	76	80	81	79	78	78	77	75	81	75	78	70	78	70	78	80	80	85	86	90	91	90	..	78.7
	Minimum	65	64	67	50	53	64	50	47	50	56	54	57	64	63	55	57	53	64	61	54	55	55	50	55	60	63	67	65	67	69	..	58.5
Eureka Springs	Maximum	78	76	74	70	77	70	67	72	75	78	77	78	82	71	66	78	73	68	65	71	73	69	73	75	77	85	87	88	87	86	87	75.9
	Minimum	60	56	53	38	49	49	41	42	53	60	57	58	68	53	47	45	59	62	53	47	48	53	46	43	52	65	64	68	68	69	67	54.6
Fayetteville	Maximum	78	76	73	77	77	71	67	74	75	81	77	79	84	73	67	79	74	68	66	70	73	71	74	77	79	85	87	88	88	89	89	77.0
	Minimum	61	52	52	39	54	48	41	42	50	59	53	61	67	55	45	42	62	60	52	46	48	52	48	45	48	65	67	68	69	71	66	54.5
Fayetteville Exp. S	Maximum	76	75	73	73	75	71	65	72	73	77	77	77	82	80	65	75	75	72	65	70	71	71	72	74	77	83	85	86	87	87	88	75.8
	Minimum	61	53	53	39	53	48	41	42	50	58	53	62	68	55	46	42	65	60	53	45	48	53	49	46	48	65	67	68	69	72	69	54.9
Fordyce	Maximum	83	85	80	..	84	80	72	..	80	84	80	86	78	78	74	80	82	74	77	70	79	79	..	83	83	..	89	92	91	92	93	81.8
	Minimum	67	65	62	..	57	66	52	..	46	56	61	60	65	60	52	52	57	63	60	55	54	55	..	51	55	..	64	69	69	69	68	59.6
Fort Smith ***	Maximum	81	80	73	72	80	68	70	75	81	84	70	83	86	70	70	82	72	68	66	71	74	74	77	80	84	85	89	90	90	94	93	78.5
	Minimum	69	62	55	45	54	54	50	49	53	59	62	61	67	52	48	50	65	64	57	51	54	59	55	56	57	67	68	69	72	74	71	59.0
Gilbert §§	Maximum	84	82	72	72	76	74	68	74	79	81	79	80	82	62	67	76	78	74	64	71	73	67	75	76	78	67	87	90	90	90	90	76.7
	Minimum	66	54	58	39	40	48	40	37	40	42	48	51	56	55	48	40	47	55	58	50	47	51	47	42	42	42	52	58	59	62	62	49.5
Grannis	Maximum	84	80	76	75	77	75	68	75	77	80	76	86	86	71	73	76	72	70	69	70	78	77	76	80	80	84	85	92	87	89	90	78.5
	Minimum	63	61	52	41	57	58	50	44	47	53	57	61	66	60	46	46	60	62	61	51	52	51	53	51	55	58	65	65	66	64	65	56.2
Gravette	Maximum	75	77	75	73	78	74	67	74	76	80	78	79	83	80	67	79	77	69	67	70	71	73	74	76	78	84	87	89	87	88	89	77.2
	Minimum	59	52	50	36	50	46	37	39	48	56	57	59	67	49	43	42	59	56	54	43	45	51	45	42	49	64	63	68	67	70	63	52.5
Green Mountain	Maximum	70	75	74	67	75	71	68	70	75	78	71	79	78	79	80	73	76	74	73	72	70	74	72	74	82	84	85	86	84	88	87	76.3
	Minimum	64	63	53	41	49	56	44	52	53	61	60	56	61	58	59	49	57	58	56	61	52	50	49	47	57	61	67	70	68	70	68	57.1
Harrison	Maximum	81	79	75	71	74	70	68	73	74	80	75	79	82	70	66	77	75	68	66	72	74	70	76	76	77	90	87	90	87	90	90	76.8
	Minimum	60	51	55	39	47	53	42	40	48	51	55	53	67	58	48	40	56	60	55	52	52	50	45	50	44	60	60	62	63	63	64	53.0
Helena	Maximum	81	82	81	75	82	81	76	69	75	81	82	84	81	81	77	73	80	78	81	79	73	72	74	75	80	83	85	90	91	90	91	80.1
	Minimum	65	64	67	53	55	65	51	44	46	58	61	63	63	65	58	47	56	64	58	54	51	52	51	53	52	60	67	68	70	73	68	58.8
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope §§	Maximum	82	85	78	74	81	77	69	73	72	74	71	85	78	73	75	79	78	69	71	70	76	78	79	81	84	86	88	90	91	91	93	79.1
	Minimum	66	65	66	49	52	63	52	44	46	49	51	59	62	60	50	49	54	63	61	53	55	54	53	53	55	58	66	68	69	69	68	57.5
Hot Springs	Maximum	84	84	82	77	81	81	72	78	80	84	83	84	82	76	73	80	79	72	71	69	78	77	78	81	82	86	88	90	92	91	92	80.9
	Minimum	67	66	64	46	57	62	50	45	52	60	59	60	66	61	51	51	58	62	62	51	57	54	50	58	55	60	62	72	70	71	68	58.9
Irons Fork §§	Maximum	84	82	68	..	74	67	60	67	72	72	65	76	81	50	..	..	..	64	65	66	69	70	71	73	77	80	81	82	86	86	88	73.6
	Minimum	65	65	65	40	47	47	37	38	43	49	59	57	64	52	46	40	55	59	62	46	46	46	43	44	48	60	67	63	63	65	63	53.0
Jonesboro	Maximum	79	83	80	70	81	79	74	73	77	82	80	84	81	81	77	79	86	84	73	71	71	71	76	78	81	85	92	94	93	92	92	80.6
	Minimum	65	66	68	49	49	61	46	45	47	55	56	58	62	63	56	44	50	63	62	54	54	53	49	51	50	59	65	68	70	73	69	57.4
Lead Hill	Maximum	82	80	77	71	77	71	68	74	77	82	74	80	84	72	67	76	77	72	67	74	74	66	74	77	79	89	89	92	92	92	91	78.0
	Minimum	60	51	54	39	44	55	44	38	46	51	53	56	66	56	50	39	57	60	57	52	49	52	44	42	42	61	61	59	61	63	64	52.5
Little Rock ***	Maximum	82	85	78	70	81	78	67	72	77	83	77	84	79	76	70	76	82	73	74	70	74	70	76	78	80	86	88	90	91	91	91	79.0
(Airport)	Minimum	69	65	54	50	56	59	50	49	50	54	62	61	66	64	53	48	56	64	55	55	55	55	51	54	51	64	67	66	70	71	70	58.5
Lutherville	Maximum	81	80	77	70	74	72	69	73	75	80	72	79	81	72	69	76	73	72	63	75	75	73	76	77	78	87	84	88	87	89	89	77.0
	Minimum	63	60	58	41	52	57	45	44	48	53	58	60	65	60	49	45	55	61	58	51	53	55	47	50	42	61	65	65	68	67	68	55.6
Magnolia	Maximum	84	91	83	84	85	86	83	78	85	85	89	86	87	90	75	82	83	82	79	74	82	81	85	85	87	90	92	90	92	95	95	85.3
	Minimum	69	67	69	55	64	65	55	47	49	56	65	61	66	62	51	54	60	64	61	56	54	55	55	55	59	65	67	70	69	70	67	60.7
Mammoth Spring	Maximum	82	85	81	73	77	74	68	75	78	82	80	83	79	79	68	76	79	81	69	73	73	73	75	77	80	79	92	93	92	93	91	79.4
	Minimum	66	61	68	41	45	62	49	39	40	66	56	55	63	63	53	43	45	63	55	52	53	48	46	47	45	62	64	61	63	65	65	55.0
Marianna	Maximum	81	82	81	74	83	84	76	70	77	81	82	85	80	82	70	75	83	80	83	70	75	72	77	77	81	85	89	92	94	93	93	80.9
	Minimum	65	64	65	51	55	64	50	45	47	54	58	62	62	65	58	45	51	64	57	55	51	53	49	50	50	54	54	65	66	71	68	57.0
Marked Tree §§	Maximum	82	84	76	69	80	79	64	72	70	82	82	85	82	82	66	78	86	76	78	71	74	74	76	79	81	83	89	93	92	91	93	79.6
	Minimum	63	63	65	50	49	53	48	45	46	52	54	58	61	62	59	43	50	54	60	53	50	54	50	51	50	59	64	66	62	72	67	55.9
Mena	Maximum	85	83	78	74	77	74	67	76	81	83	80	85	87	75	72	81	69	72	65	69	78	77	77	80	82	86	86	89	90	91	93	79.4
	Minimum	66	66	59	46	56	55	48	43	47	55	60	62	68	57	47	45	63	61	61	49	53	53	50	51	56	65	67	68	69	70	67	57.5
Monticello ***	Maximum	84	84	79	76	84	80	66	73	79	83	84	86	75	83	70	76	80	68	81	68	78	78	78	80	82	86	87	91	91	90	90	80.3
	Minimum	64	66	67	56	61	64	50	46	53	57	59	63	65	60	55	52	57	60	59	56	55	57	53	55	53	63	62	67	70	71	68	59.5
Morrilton §§	Maximum	84	83	78	70	82	73	70	73	85	83	74	84	82	70	70	75	82	74	68	71	77	70	77	78	81	89	89	91	93	94	92	79.4
	Minimum	67	65	67	48	48	57	49	44	48	52	59	56	58	59	51	45	57	63	63	51	56	56	51	51	51	55	65	64	65	66	68	56.6
Mountain Home	Maximum	83	82	75	72	75	72	68	74	77	81	75	82	82	74	69	76	79	75	68	72	72	75	75	79	80	89	90	91	90	91	91	78.5
	Minimum	61	60	58	39	47	50	44	40	46	52	56	56	65	59	50	41	55	60	53	52	50	50	45	45	46	62	62	62	64	64	67	53.6
Mt. Ida	Maximum	86	84	81	75	80	77	68	77	79	83	79	83	75	76	73	79	78	74	74	72	80	79	78	80	82	86	87	89	88	91	92	80.2
	Minimum	68	67	62	40	57	60	42	38	41	47	60	57	65	62	50	40	58	62	63	48	52	51	46	46	45	61	64	64	65	62	63	55.0
Nashville	Maximum	85	84	79	74	81	80	75	75	78	82	75	84	82	74	74	79	77	74	71	77	75	77	77	81	81	87	87	88	90	91	92	80.2
	Minimum	69	66	66	48	60	63	53	47	50	54	62	59	62	61	54	52	61	63	62	54	53	56	55	55	58	64	66	65	67	67	67	59.3
Newport	Maximum	81	85	79	70	81	80	71	72	77	81	79	84	80	79	74	82	82	77	73	70	74	70	77	78	81	85	90	93	92	92	92	80.0
	Minimum	68	65	64	52	51	63	49	48	50	55	59	58	65	62	58	47	51	65	64	55	57	56	56	54	51	62	66	66	67	70	68	58.8
Oden ***	Maximum	85	82	72	76	79	72	68	74	79	81	73	83	84	71	70	78	72	74	69	72	75	76	77	79	80	85	86	86	88	89	91	78.3
	Minimum	67	67	50	45	55	57	48	42	45	51	60	60	69	60	50	42	60	63	61	49	55	53	48	49	50	67	66	66	68	66	67	56.6

Daily Temperatures for May, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	85	85	84	78	83	81	77	74	78	83	87	85	84	78	76	79	80	85	72	73	78	80	79	82	82	86	87	94	92	100	93	82.6
	Minimum	69	66	66	50	62	63	53	47	50	56	62	59	69	60	51	50	62	63	61	53	56	55	55	55	56	64	66	68	70	68	70	59.8
Ozark	Maximum	80	80	80	70	75	75	72	74	77	82	75	81	86	75	70	78	76	70	69	73	77	74	78	78	80	88	87	89	92	93	92	78.9
	Minimum	50	47	50	42	50	42	46	42	50	58	59	62	67	62	50	47	46	63	61	50	54	58	53	52	53	68	64	66	68	69	69	55.4
Paragould	Maximum	79	84	76	71	81	77	70	73	77	81	81	84	83	82	78	79	86	85	71	73	70	71	76	77	81	81	83	87	92	92	91	79.7
	Minimum	65	64	68	50	49	63	47	43	45	55	55	58	63	65	57	42	51	63	57	54	54	53	51	51	49	60	61	63	64	70	69	56.7
Perryville	Maximum	86	85	83	71	83	82	69	74	81	85	84	86	85	80	70	79	82	82	71	73	77	72	77	79	88	89	90	92	93	94	93	81.8
	Minimum	69	62	68	41	49	62	50	42	45	50	54	54	63	58	52	48	55	63	60	50	54	54	47	49	45	60	61	61	63	64	65	55.4
Pine Bluff	Maximum	87	87	77	73	85	78	71	75	81	86	82	88	81	68	72	80	83	75	76	81	78	74	80	81	85	89	91	93	94	93	93	81.8
	Minimum	68	66	69	52	58	66	53	48	52	52	62	62	66	62	55	50	56	64	63	56	56	58	53	56	53	63	67	68	70	72	69	60.2
Pocahontas	Maximum	80	83	82	71	78	78	75	75	77	81	80	83	83	81	80	77	83	83	76	72	73	69	76	79	81	80	88	94	93	92	92	80.5
	Minimum	66	60	61	45	46	60	43	41	44	54	53	55	61	61	53	41	48	59	55	52	53	50	49	53	47	57	57	64	64	67	69	54.5
Portland	Maximum	85	84	81	77	85	80	70	77	80	85	85	85	80	85	77	80	80	80	85	79	78	80	80	83	83	85	86	91	92	91	92	82.6
	Minimum	64	65	65	56	61	66	56	48	48	52	58	61	62	62	61	50	53	53	59	60	55	58	52	56	53	59	64	64	67	69	64	58.7
Prescott	Maximum	85	85	85	77	82	82	79	77	81	85	82	86	83	77	76	81	81	77	75	72	80	80	79	83	84	87	89	92	92	92	93	82.5
	Minimum	68	66	70	50	60	64	53	47	49	57	63	60	66	62	50	51	59	64	62	54	56	56	54	57	57	66	67	69	70	70	69	60.2
Rogers	Maximum	76	76	70	72	77	68	65	72	73	78	69	77	83	75	66	77	70	71	65	74	72	70	68	74	77	85	86	87	86	85	88	75.2
	Minimum	61	52	53	37	49	47	40	41	47	56	57	59	66	52	45	39	56	59	53	46	46	52	46	46	56	63	63	66	67	68	64	53.3
Russellville	Maximum	85	83	81	71	79	81	78	74	..	83	80	82	85	80	70	78	78	77	70	73	76	75	..	..	81	..	..	91	..	..	86	79.0
	Minimum	65	60	64	48	52	64	49	44	..	47	59	52	65	62	52	45	59	62	60	51	56	58	..	..	49	..	..	60	..	..	62	56.0
St. Charles §§	Maximum	82	83	77	77	84	78	69	73	79	82	83	81	77	82	70	77	81	72	83	71	78	72	80	79	83	86	88	92	94	92	93	80.7
	Minimum	64	65	66	52	55	61	51	46	50	54	59	61	62	64	56	50	55	63	59	55	53	52	48	52	51	58	65	64	65	72	64	57.8
Searcy	Maximum	82	85	79	72	82	79	69	75	80	83	78	86	79	76	71	79	82	75	71	73	75	69	77	79	82	87	90	92	92	89	89	79.9
	Minimum	67	62	66	48	50	63	48	46	48	52	57	56	63	62	55	45	52	64	61	54	56	55	50	53	50	59	66	65	67	68	67	57.3
Sheridan	Maximum	83	85	76	71	82	78	68	72	78	83	76	84	79	76	70	76	82	73	77	75	76	73	77	79	81	86	87	90	91	90	92	79.5
	Minimum	67	62	65	46	50	64	49	44	47	52	56	58	64	63	53	45	55	62	60	52	54	51	48	50	47	62	63	63	67	68	66	56.5
Siloam Springs	Maximum	74	75	74	72	74	73	64	73	74	77	77	77	82	80	66	76	71	69	67	70	71	72	72	73	77	82	84	85	85	86	86	75.4
	Minimum	60	50	52	37	52	48	40	43	51	59	57	62	68	52	40	45	62	57	55	45	46	52	50	46	52	65	67	70	70	72	65	54.5
Stuttgart	Maximum	82	82	79	70	82	79	72	73	77	83	83	84	79	80	71	75	81	73	73	80	72	76	70	78	78	81	87	89	91	92	91	79.5
	Minimum	64	63	65	49	54	63	49	47	49	53	57	59	62	62	55	47	50	63	60	54	53	54	49	52	50	51	62	64	64	67	64	56.6
Stuttgart (near). §§	Maximum	81	84	76	70	82	76	68	72	72	83	83	86	78	80	70	75	82	73	81	70	76	71	77	78	81	86	88	92	93	91	91	79.5
	Minimum	64	64	66	50	54	60	49	45	49	53	59	61	63	63	55	46	54	64	60	55	52	54	50	53	51	60	65	66	68	71	67	57.8
Subiaco	Maximum	82	84	81	73	79	77	71	77	80	84	79	82	87	78	70	79	72	73	69	74	75	75	78	80	82	88	89	91	90	..	93	79.7
	Minimum	62	61	61	45	55	56	49	45	50	55	59	60	67	..	51	47	64	63	60	51	54	55	54	55	52	63	66	67	70	..	70	57.5
Texarkana	Maximum	86	85	83	76	83	80	73	76	81	84	81	85	84	77	74	81	82	76	73	72	79	80	78	81	83	88	89	89	91	91	93	81.7
	Minimum	69	67	70	52	64	64	55	49	54	59	62	62	70	63	50	52	64	63	62	55	57	55	57	57	60	66	67	71	71	70	70	61.5
Turnpike	Maximum	77	75	72	70	70	70	63	70	70	75	69	76	75	69	64	69	67	68	63	66	66	65	67	65	74	80	79	82	82	84	84	71.8
	Minimum	60	61	52	37	51	55	39	47	50	55	53	57	62	56	44	50	54	58	47	47	50	51	51	53	65	60	63	65	68	67	67	54.7
Wabash	Maximum	84	83	83	75	84	84	79	72	79	82	83	84	83	81	77	75	81	81	82	81	87	72	78	78	82	84	86	91	94	91	93	82.2
	Minimum	64	64	65	52	52	64	49	43	45	57	61	61	62	64	56	43	49	61	56	55	49	48	49	49	45	56	67	65	63	71	68	56.5
Waldron	Maximum	85	82	81	73	79	77	67	75	80	83	80	83	87	79	71	81	78	72	69	72	75	75	76	79	81	86	86	87	90	94	92	79.8
	Minimum	63	54	59	41	53	54	47	41	44	53	58	63	71	54	47	44	61	62	59	47	51	53	49	50	52	64	66	70	66	65	64	55.6
Warren	Maximum	85	85	84	71	79	83	79	75	79	83	84	86	84	84	72	77	82	75	81	77	78	78	78	81	82	88	87	91	92	91	92	82.0
	Minimum	69	67	69	56	58	69	55	57	50	54	62	62	65	65	55	51	55	64	61	57	55	57	53	55	53	63	61	68	70	70	67	60.4
White Rock	Maximum	77	72	69	68	68	68	75	71	73	76	75	76	76	69	67	69	64	69	63	70	70	69	70	72	74	80	80	81	81	84	83	72.9
	Minimum	58	60	51	38	51	46	40	48	50	56	51	56	61	58	44	51	53	58	49	47	50	49	52	53	55	60	60	63	65	66	67	53.7
Wilson	Maximum	83	86	77	70	82	81	76	74	78	84	86	87	84	82	78	80	86	86	82	77	70	75	80	79	79	79	89	90	91	91	90	81.7
	Minimum	66	66	64	50	50	64	46	50	48	55	60	59	62	62	62	45	50	65	61	55	50	50	50	50	49	60	67	67	69	71	68	57.8
Wright	Maximum	80	83	88	68	80	80	76	70	75	81	78	83	81	79	69	74	79	76	76	74	75	70	76	74	80	84	87	90	90	88	90	79.2
	Minimum	66	64	63	50	51	64	50	47	49	54	57	60	64	62	54	46	52	62	61	54	54	55	51	54	49	61	64	64	65	69	65	57.5
Wynne	Maximum	83	83	81	75	81	80	76	70	76	81	81	84	81	80	64	78	83	83	76	71	74	70	76	77	80	83	89	92	92	90	91	80.0
	Minimum	63	65	65	51	49	61	46	43	46	50	58	59	61	61	59	44	62	62	60	54	50	54	47	49	51	60	64	65	68	71	66	56.9

Daily River Stages for May, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	30.6	27.9	25.2	22.6	21.0	19.4	19.6	17.7	16.6	16.1	14.9	14.4	13.7	12.7	12.4	12.4	11.7	11.8	12.3	14.8	15.3	13.0	11.9	10.8	10.2	10.2	9.6	9.2	8.8	8.7	8.2
Van Buren	do	22	30.0	27.6	25.1	23.0	21.4	20.4	20.3	18.8	17.6	17.2	15.9	15.5	14.8	14.0	13.3	13.3	11.5	12.6	13.0	16.4	16.6	14.1	12.8	11.3	10.6	10.6	9.9	9.4	8.9	8.7	8.2
Danville	Petit Jean	20	11.0	12.4	12.6	9.6	7.9	6.8	12.2	17.2	11.9	7.9	6.4	5.7	5.6	5.3	5.4	5.7	5.2	4.6	4.6	16.9	21.2	22.0	20.8	17.7	13.2	8.5	6.5	5.6	5.0	4.5	4.3
Ozark	Arkansas	22	27.9	26.0	23.1	21.1	18.1	17.3	16.4	16.0	13.5	13.4	12.2	11.5	11.3	10.0	9.5	9.4	8.8	8.5	8.8	12.3	14.0	12.4	9.9	8.2	7.1	6.8	6.3	5.8	5.3	4.9	4.4
Dardanelle	do	22	28.7	28.5	26.9	24.4	21.8	20.2	19.8	19.1	17.7	16.2	15.8	14.7	14.2	13.7	12.9	12.4	12.2	11.7	11.8	14.4	17.2	16.5	14.3	12.8	11.2	10.2	9.9	9.3	8.7	8.2	7.7
Morrilton	do	20	25.0	25.4	24.7	23.0	20.4	18.5	17.7	16.8	15.8	14.0	13.4	12.3	11.5	11.1	10.2	9.4	9.0	8.6	8.4	9.8	13.4	14.0	12.0	10.4	9.0	7.8	7.2	6.6	5.8	5.0	4.2
Little Rock	do	23	24.4	24.8	24.7	23.9	22.5	20.8	19.3	18.3	17.5	15.7	14.4	13.5	12.2	11.8	11.0	10.3	9.7	9.4	9.0	9.1	11.1	14.5	13.8	12.1	10.7	9.2	8.3	7.8	7.3	6.6	6.0
Pine Bluff	do	25	27.4	27.4	27.7	27.3	26.5	25.2	23.9	22.8	21.9	21.0	19.5	18.6	17.6	16.5	16.2	15.5	14.6	14.3	13.8	13.5	14.5	17.5	18.5	17.3	15.9	14.6	13.3	12.6	12.1	11.5	10.8
Gilbert	Buffalo	30	5.6	5.8	5.5	7.8	6.2	6.4	7.7	6.3	5.9	5.4	5.1	5.0	5.0	4.7	5.1	5.0	4.8	4.6	4.5	10.6	7.8	6.4	6.1	5.9	5.6	4.9	4.7	4.6	4.4	4.3	4.1
Black Rock	Black	14	12.4	11.0	9.7	12.6	16.2	13.7	12.2	11.1	10.0	9.1	8.0	8.0	7.7	7.5	7.4	7.2	6.8	6.5	6.4	6.5	8.2	8.4	7.9	7.6	7.1	6.8	6.5	6.7	6.8	6.9	6.7
Heber Springs	Little Red	30	9.8	10.1	9.3	8.5	8.5	7.7	9.6	8.4	7.5	6.9	6.4	6.0	5.7	5.8	6.4	5.8	5.4	5.3	5.3	5.9	11.6	9.2	9.9	9.2	7.9	7.0	6.4	5.9	5.5	5.1	4.8
OzarkBeachMo	White	30	7.0	7.0	7.2	7.4	6.5	6.8	6.1	5.5	6.0	5.2	4.7	4.6	4.6	5.2	5.2	5.0	5.1	5.0	4.7	4.7	4.8	6.6	6.9	5.5	4.8	4.6	4.6	1.4	0.8	0.2	1.4
Cotter	do	21	7.9	8.3	7.9	8.6	8.4	7.6	7.5	7.0	6.5	6.4	6.2	6.1	6.0	6.1	6.1	6.6	6.3	6.0	5.9	6.8	6.7	6.1	6.6	7.7	6.8	6.0	5.6	5.4	4.6	4.4	4.1
Calico Rock	do	18	7.6	8.9	8.2	10.7	10.2	9.0	8.9	8.4	7.4	7.2	6.7	6.2	6.1	5.7	5.6	6.4	5.9	5.8	5.9	11.7	10.7	8.3	7.8	8.8	7.5	6.5	5.9	5.5	5.2	3.0	2.1
Batesville	do	23	13.9	14.3	14.7	16.6	16.7	15.6	15.1	15.0	13.7	12.6	12.5	11.7	11.4	11.0	10.6	10.8	11.2	10.8	10.6	11.5	17.3	15.3	13.3	13.8	13.8	12.3	11.3	10.6	10.1	9.5	8.9
Newport	do	26	19.6	19.4	19.4	19.1	19.8	20.2	20.2	19.9	19.5	18.2	17.0	15.9	14.6	13.8	12.7	11.9	11.6	11.3	10.9	10.7	14.3	16.6	16.1	15.1	15.2	14.5	13.1	11.8	10.7	10.0	8.8
Georgetown	do	21	22.1	22.0	21.8	21.7	21.7	21.7	21.6	21.4	21.5	21.5	21.1	21.2	20.9	20.6	20.1	19.6	18.9	18.1	17.4	16.7	16.0	17.5	18.0	18.2	18.3	18.1	17.9	17.5	16.8	16.0	15.0
Des Arc	do	24	21.8	24.7	24.6	24.3	24.1	23.9	23.8	23.7	23.5	23.4	23.3	23.1	22.9	22.8	22.5	22.0	21.5	21.0	20.4	19.7	19.0	19.0	19.5	19.7	19.9	19.9	19.9	19.7	19.4	18.8	18.2
Clarendon	do	26	27.9	27.9	27.9	27.9	27.8	27.7	27.5	27.4	27.2	27.1	27.0	26.9	26.8	26.7	26.6	26.4	26.2	26.0	25.8	25.4	25.1	24.7	24.4	24.2	24.1	24.0	24.0	24.0	23.9	23.8	23.6
St. Charles	do	25	27.3	27.0	26.8	26.7	26.6	26.5	26.4	26.3	26.1	26.0	25.8	25.7	25.6	25.5	25.4	25.4	25.3	25.3	25.2	25.1	24.9	24.8	24.6	24.5	24.3	24.2	24.0	23.9	23.9	23.8	23.7
Glenwood	Caddo	..	6.4	6.1	6.0	6.0	5.8	6.0	5.9	5.8	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.5	5.8	5.6	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4
Arkadelphia	Ouachita	17	14.8	10.9	8.4	8.4	8.2	9.3	9.5	10.2	9.6	7.7	7.2	7.6	7.5	7.4	7.5	6.5	5.3	5.6	8.8	8.1	7.8	7.6	7.8	7.1	7.0	7.3	7.0	6.1	5.8	6.3	5.4
Boughton	Little Mo.	20	15.2	12.2	9.4	8.4	8.0	7.4	7.1	7.4	7.6	7.4	6.2	6.0	5.8	7.1	10.6	11.6	11.7	11.9	15.4	16.1	15.3	11.7	8.9	7.6	6.6	6.2	5.8	5.5	5.3	5.0	4.9
Camden	Ouachita	26	33.3	34.0	34.3	33.0	31.3	29.3	27.0	24.8	22.7	21.2	18.7	16.4	15.0	14.4	15.8	18.2	19.4	19.4	19.5	21.7	23.4	23.2	23.2	22.7	21.4	18.0	14.4	12.9	10.9	9.2	8.0
Benton	Saline	20	9.3	8.6	8.1	7.8	7.7	7.0	6.9	6.9	6.8	6.5	6.2	6.1	5.9	6.2	6.6	6.5	6.4	6.4	9.2	7.8	7.3	6.9	7.5	6.7	6.5	6.3	5.9	5.7	5.4	5.3	5.2
Index	Red	25	30.2	30.0	28.8	27.7	25.1	22.1	21.0	20.8	21.3	18.6	16.8	16.8	16.2	15.6	17.8	20.6	18.6	17.4	17.8	18.0	20.2	20.3	18.6	17.0	15.8	14.7	13.2	11.9	10.7	10.6	10.4
Fulton	do	25	32.8	33.3	32.9	32.0	30.7	28.8	27.2	26.0	26.9	25.0	22.0	20.9	19.8	18.2	18.2	21.7	21.6	21.8	21.2	21.4	22.8	23.2	22.5	21.2	19.8	18.6	16.7	14.5	12.7	10.8	10.5
Big Lake Outlet	St. Francis	10	10.8	10.5	10.1	9.9	9.6	9.2	8.9	8.6	8.3	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.0	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.6	5.7	5.5	5.4	5.3
St. Francis	do	18	10.7	10.2	9.7	9.4	9.1	9.7	9.7	9.4	9.1	8.7	8.3	8.3	8.1	7.9	7.7	7.6	7.4	7.4	7.3	7.2	7.2	7.3	7.5	7.7	7.9	8.1	8.3	8.3	8.4	9.9	11.3
St. Francis L.L.	do	..	23.9	23.5	23.3	23.2	23.0	22.8	22.5	22.3	22.0	21.8	21.6	21.3	21.1	20.9	20.7	20.5	20.3	20.2	20.1	19.9	19.9	19.8	19.7	19.7	19.6	19.5	19.5	19.4	19.2	19.0	18.9
Marked Tree	do	17	7.7	7.7	7.7	7.5	7.5	7.5	7.5	7.4	7.3	7.1	7.1	7.0	6.9	6.8	6.8	6.7	6.6	6.5	6.3	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.1	6.1	6.7	6.7	6.7
Parkin	do	28	15.7	15.3	14.8	14.2	13.6	13.1	12.6	12.1	11.4	10.8	10.1	9.6	9.1	8.7	8.3	8.0	7.6	7.4	7.1	6.8	6.7	6.6	6.6	6.5	6.4	6.2	6.1	6.0	6.0	6.0	6.1
Madison	do	32	17.6	17.2	16.2	15.6	15.0	14.4	13.8	13.2	12.7	11.9	11.3	10.7	10.1	9.6	9.2	8.7	8.3	7.9	7.6	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.6	6.3	6.1
Helena	Mississippi	42	24.4	21.1	18.2	16.2	15.1	14.5	14.5	14.8	14.9	15.3	16.0	17.1	18.5	19.5	20.1	20.1	19.7	19.4	19.5	20.5	21.8	22.8	23.5	24.1	24.7	25.1	25.3	25.1	24.7	24.2	23.9
Arkansas City	do	42	31.4	30.4	29.0	27.8	26.6	25.5	24.4	23.5	22.7	21.9	21.2	20.8	20.6	20.7	21.0	21.1	20.8	20.4	19.9	19.7	19.9	20.6	21.8	22.7	23.2	23.3	23.2	23.1	22.8	22.4	21.9

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ^{1}Precipitation is for the 24-hour period, midnight to midnight. ^{2}Precipitation measured in morning; amount recorded is for the preceding 24 hours. ^{3}Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Corley, Paris; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort SmithWater Plant, Mountainburg; Green Mountain, Calico Rock; Ilon, Waldron; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 6-24-42-1200

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVII Little Rock, Ark., June, 1942 No. 6

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The average temperature for the Section was 77.2° which is 0.1° above the average for the past 52 years. The highest temperature reported was 104° at Nashville on the 29th; the lowest 45° at Rogers on the 14th. High temperatures from the last part of May continued generally during the first ten days of June, with daily mean temperatures 4° to 8° above normal, and daily maxima of 90° to 98°. A sharp cool period followed from the 12th to the 19th with daily mean temperatures running 9° to 12° below normal; it was during this period that most of the station minima occurred. Most stations reported the highest temperatures of the month during the period 25th to 30th, in which daily maxima were 95° or higher. Sunshine was 64% of possible.

The average precipitation from 110 stations was 4.54 inches, or 0.47 inch above the average for the past 52 years. Monthly amounts ranged from 1.93 inches at Ozark to 9.91 inches at Mountain Valley. The heaviest monthly amounts fell over the higher terrain of the State; amounts of five to nine inches were recorded in the Ouachita Mountains and the Ozarks, with a secondary high of five to seven inches in the northeastern delta region. Amounts in these sections were from two to five inches above the State average. In that section of the State lying roughly between the Arkansas and the White rivers, monthly amounts were from one to two inches below the State average. Showers and thunderstorms occurred nearly every day over the sections from the 5th to the 17th, with heavy daily amounts at many stations, the greatest being 4.88 inches at Magnolia on the 10th. Showers were general again at the close of the month.

The Ouachita rose somewhat following rains over the watershed on the 10th, but no flood stages were reached. The Arkansas reached flood stage during the period 24th to 28th, but with little or no damage reported.

At the beginning of the month crops were in good condition, making good progress and were fairly clean. Hay crops were in excellent condition, fruit and truck crops were plentiful and in good shape. Some early corn was being laid by but planting of late corn still in progress. The general rainfall and cool weather of the second decade of the month was much needed in the dry northeast, but it practically halted growth of cotton in other sections. Cotton and corn fields were grassy and in need of cultivation. By the close of the month drier and warmer weather permitted adequate cultivation and cotton was making good progress; some squares and blooms being reported. Although some weevil action occurred during the wet weather, conditions were favorable for holding this activity in check at the end of the month, but poison was hard to get.

C.G.W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville	29.98	30.35	14	29.56	6	5.5	19	s.	25	..	..	..	57
Fort Smith	29.89	30.17	30	29.60	11	6 9	47	nw.	13	..	..	..	65
Little Rock	29.91	30.23	30	29.72	10	6.9	32	nw.	13	89	63	68	65
Memphis ..	29.91	30.15	27	29 64	10	6.7	32	nw.	13	84	58	65	71

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense fog	..	..	..		..	..	..	2	1	.	..	..	1	..	1	3	2	4	..	.	1	3	.	-	..	.	..	..	..	1
High winds	..	..	2	..	..	1	..	1	1	.	1	5	26	3	3	..	14			2	3	1	..	..	.	.	.	2	4	5
Hail	..	..	1	..	.	..	..	.	.	.	..	1	3	..	..	1	1		.	.	.	..	..	..	..	.		..	1	..
Thunderstorms	1	6	14	26	20	21	13	28	33	21	20	18	44	5	15	3	31	1	3	1	15	14	1	7	..	1	2	5	20	35

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.53	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.53	0	6	16	11	3
1912	73.1	97	42	5.83	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	105	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	103	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2 60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	6	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	3
1935	74.3	98	36	8.38	0	13	10	10	10
1936	80.0	113	44	1.26	0	3	23	5	2
1937	78.8	106	45	4.95	0	9	14	10	6
1938	75.8	101	48	4.34	0	9	13	9	8
1939	77 9	100	49	4.50	0	11	9	13	8
1940	75.2	98	45	4.35	0	10	12	9	9
1941	76.2	103	47	4.01	0	8	12	12	6
1942	77.2	104	45	4.54	0	11	10	12	8
Period	77.1	113	35	4.07	0	8	14	10	6

Correction, June:--Prevailing wind direction, Devils Knob, SE; Lead Hill S.

Climatological Data for June, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline	755	5	76.6	.....	95	29	58	14§	5.88	.....	2.02	10	0.0	13	7	19	13	w.	L. R. Water Works
Arkadelphia	Clark	200	46	79.2	.....	97	25§	61	24	5.51	+0.90	4.22	14	0.0	10	14	12	4	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	57	.....	.....	.....	.....	.....	.....	4.54	+0.92	1.21	10	0.0	9	13	8	9	.....	George W. Reitzammer
Batesville Airway	Independence	363	5	77.8^{b}	+ 2.4	97^{d}	4§	58	14§	3.35	.....	0.78	13	0.0	9	5	17	8	nw.	Airway Observer
Batesville Livestk.	Independence	.....	1	75.2	.....	98	29	55	14	3.80	.....	0.80	13	0.0	10	14	11	5	nw.	Experiment Farm
Batesville River	Independence	277	42	.....	.....	.....	.....	.....	.....	4.09	+0.17	1.10	13	0.0	8	16	5	9	.....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	49	77.1	+ 0.2	96	29	51	15	3.30	−1.19	0.95	10	0.0	10	7	19	4	w.	Minnie Scanlan
Benton	Saline	285	6	76.2	.....	96	29	58	24	4.76	.....	0.95	30	0 0	12	13	12	5	sw.	S. A. Burks
Bentonville	Benton	1295	36	72.8	− 0.6	92	3	46	14	7.28	+3.06	1.32	8	0 0	16	3	26	1	s.	U. S. Weather Bureau
Bethesda.......†	Independence	500	2	75.4	.....	97	29	56	16§	3.43	.....	0.76	30	0.0	9	15	13	2	se.	Soil Conservation Ser.
Big Lake Outlet..†	Mississippi	239	11	.....	.....	.....	.....	.....	.....	3 86	.....	1.15	13	0.0	7	15	6	9	.....	C. J. Brooks
Black Rock	Lawrence	259	40	.....	.....	.....	.....	.....	.....	2.98	−0 77	1.27	13	0.0	8	17	3	10	.....	Vernon C. Howe
Bluff City	Nevada	.....	1	.....	.....	95	28§	.....	.....	3.18	.....	1.40	15	0.0	6	9	15	6	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	16	77.6	− 0.2	97	28	55	14	4.80	+0.74	2.09	13	0.0	10	10	17	3	s.	Maureen K. Norris
Booneville (near)	Logan	465	27	77.6	+ 1.4	96	29	54	14	4.88	+0.68	1.18	30	0.0	12	8	13	9	s.	F. H. Randolph
Boughton.......†	Clark	235	6	.....	.....	.....	.....	.....	.....	4.21	.....	2.10	14	0.0	8	8	12	10	.....	Ruby A. Buie
Brinkley	Monroe	205	50	78.6	+ 0.8	97	28	58	24	3.36	−0.37	1.09	15	0.0	11	13	12	5	se.	R. J. Terry
Calico Rock	Izard	361	37	.....	.....	.....	.....	.....	.....	3.98	+0.40	0.70	9	0.0	11	7	10	13	.....	William Jones
Camden	Ouachita	116	56	79.8	+ 1.4	98	3	63	14§	5.26	+1.05	1.56	23	0.0	9	10	10	10	se.	J. M. Knight
Camp Robinson	Pulaski	463	1	....	.....	.....	.....	.....	.....	4.12	.....	1.35	11	0.0	12	4	11	15	sw.	U. S Army
Clarendon	Monroe	172	37	.....	.....	.....	.....	.....	.....	4.50	+0.91	1.23	16	0.0	11	15	8	7	.....	R. M. Wheatley
Clover Bend	Lawrence	235	3	76.6	.....	96	28	55	14	5.93	.....	1.22	11	0.0	12	8	21	1	s.	Farm Security Adm.
Conway	Faulkner	309	58	78.2	− 0.1	98	28§	59	18	5.18	+1.30	1.07	21	0.0	12	11	16	3	s.	E. E. Cordrey
Corning	Clay	293	48	77.3	+ 1.3	97	28§	54	14	3.96	−0.11	0.88	9	0.0	10	11	14	5	sw.	Winfred D. Polk
Cotter	Baxter	440	14	.....	.....	.....	.....	.....	.....	3.86	−1.09	1.47	11	0.0	8	13	9	8	.....	O. B. McSpadden
Crossett (near)	Ashley	175	29	78.2	− 1.2	97	28	59	15	8.09	+4.08	2.67	21	0.0	12	14	10	6	s.	U.S. Forest Service
Danville	Yell	327	25	.....	.....	.....	.....	.....	.....	3.03	−1.26	0.96	18	0 0	13	6	17	7	.....	J. M. Patterson
Dardanelle	Yell	330	55	78.8	+ 0.6	98	29	56	14	2.94	−0.74	1.27	11	0.0	8	0	19	11	s.	Geo. N. Goodier
DeQueen	Sevier	426	6	77.9	.....	95	29	63	14	3.67	.....	0.92	15	0.0	8	..	..	..	.....	L. D. McCown
Des Arc	Prairie	204	3	78.6	.....	96	28	59	14§	3.36	.....	0.80	4	0.0	13	4	7	19	s.	Z. R. Glenn
Devils Knob......†	Johnson	2350	5	72.4	.....	89	29	49	14	4.54	.....	2 17	10	0.0	14	14	5	11	se.	U.S. Forest Service
Dumas	Desha	162	36	79.4	0.0	101	28	59	24	3.99	+0.18	1.33	28	0.0	12	6	15	9	s.	Ben Johnson
El Dorado	Union	270	41	80.7	+ 1.1	96	2§	63	14	4.04	+0.35	1.40	15	0.0	12	18	7	5	s.	Mrs. E. W. Gaston
England	Lonoke	229	35	78.2	+ 0.2	96	3§	57	24	2.44	−1.39	0.74	15	0.0	9	5	22	3	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	41	75.2	+ 0.8	91	2§	47	14	8.09	+2.71	1.27	17	0.0	19	10	14	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	4	74.6	.....	92	2§	48	14	6.20	.....	1.55	9	0.0	16	1	17	12	se.	Charles F. Ford
Fayetteville Exp.	Washington	1451	54	74.4	0.0	91	2§	48	14	6.80	+2.06	2.16	10	0.0	16	11	11	8	s.	University of Arkansas
Fordyce	Dallas	280	1	78.8^{a}	.....	97^{a}	3§	60^{a}	24	4 79	.....	1.92	15	0.0	12	10	14	6	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	60	78.4	+ 0.9	97	3	54	14	4.85	+1.13	1.48	10	0.0	13	10	10	10	e.	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	4	.....	.....	.....	.....	.....	.....	3.42	.....	1.02	11	0.0	7	6	12	12	.....	Ft. Smith Water Plant
Fulton	Hempstead	260	56	.....	.....	.....	.....	.....	.....	2.83	−1.33	1.21	15	0.0	9	13	2	15	.....	T. J. Logan
Georgetown	White	200	29	.....	.....	.....	.....	.....	.....	3.12	−1.37	0.65	13	0.0	11	18	4	8	.....	C. G. Long
Gilbert	Searcy	600	16	74.8	.....	96	27	57	2§	2.35	−1.48	0.59	18	0.0	9	19	2	9	.....	F. E. King
Glenwood	Pike	547	6	.....	.....	.....	.....	.....	.....	4.44	.....	1.08	13	0.0	15	14	4	12	.....	Chas. A. Price
Grannis	Polk	950	22	76.6	+ 1.2	94	28	59	14	3.07	−1.95	0.86	15	0.0	16	7	10	13	s.	W. E. McVay
Gravette	Benton	1250	44	74.3	+ 0.6	92	3§	47	14	9.63	+4.08	1.56	13	0.0	17	17	9	4	sw.	Iulius A. Schmidt
Green Mountain..†	Stone	1100	4	75.5	.....	93	30	52	15	2.14	.....	0.71	13	0.0	7	10	17	3	se.	U. S. Forest Service
Harrison	Boone	1052	41	75.0	+ 1.6	94	3§	54	14	3.23	−1.17	1.02	9	0.0	9	13	13	4	sw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	.....	.....	.....	.....	.....	.....	3.37	.....	0.89	13	0.0	7	15	10	5	.....	Lester B. Logan
Helena	Phillips	300	69	77.6	− 0.8	95	29	56	24	2.61	−0.75	0.68	11	0.0	10	6	11	13	se.	James A. Burnett
Highland	Pike	491	22	....	.....	.....	.....	.....	.....	.....	.....	....	..	...	.....	.....	.....	.....	.....	Clyde Cooley
Hope (near)‡‡	Hempstead	375	71	78.4	− 0.6	97	29	61	15§	2.74	−0.78	0.97	10	0 0	6	3	19	8	e.	Experiment Farm
Hot Springs	Garland	600	50	77.6	− 0.6	95	3§	59	14	6.74	+2.09	1.39	13	0.0	14	10	12	8	s.	National Park Service
Index.......†	Little River	275	24	.....	.....	.....	.....	.....	.....	3.30	+0.42	1.45	15	0.0	7	21	1	8	.....	W. F. McDowell
Irons Fork.....†‡‡	Polk	1385	3	73.0	.....	97	29	55	14	4.70	.....	2.12	13	0.0	14	12	7	11	s.	U. S. Forest Service
Jessieville	Garland	750	15	.....	.....	.....	.....	.....	.....	6.70	+2.56	1.24	21	0.0	12	3	13	14	sw.	U. S. Forest Service
Jonesboro	Craighead	345	46	78.2	+ 0.5	97	2§	55	14	7.38	+3.44	3.01	12	0.0	10	4	12	14	sw.	Benedictine Sisters
Lead Hill	Boone	650	35	74.8	− 0.6	95	4§	53	14	2.68	−2.57	1.06	17	0.0	11	10	15	5	s.	J. R. Crosswhite
Little Rock Airport	Pulaski	275	62	78.2	+ 0.8	97	28	60	14	3.94	+0 18	0.72	29	0.0	12	5	18	7	s.	U. S. Weather Bureau
Lutherville.......†	Johnson	775	43	75.9	− 0.2	94	28	52	14	4.63	+0.13	1.28	10	0.0	10	10	11	9	s.	Clarence Lenhardt
Madison	St. Francis	209	11	.....	.....	.....	.....	.....	.....	4.68	+1.44	1.45	16	0.0	10	2	6	22	.....	J. W. Eppes
Magnolia	Columbia	315	25	80.8	+ 1.4	97	3§	63	15	8.57	+4.75	4.88	10	0.0	11	0	17	13	se.	State Agri. School
Mammoth Spring	Fulton	600	37	76.1	+ 1.7	97	29	51	14	7.14	+2 82	2.00	9	0.0	12	7	20	3	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	30	77.8	− 0.8	97	28	57	24	3.98	+0.51	0.87	23	0.0	10	7	19	4	s.	Cotton Exp. Station
Marked Tree	Poinsett	229	37	77.6	− 0.4	97	28	57	14§	3.90	+0.68	1.60	18	0.0	7	12	9	9	.....	Charles Walton
Mena	Polk	1207	53	76.8	+ 0.2	95	29	57	14	7.04	+2.04	1.50	13	0.0	17	6	15	9	sw.	E. W. St. John
Monticello Airway	Drew	273	1	79.1	.....	98	28	63	14§	2.09	.....	0.84	15	0.0	12	10	7	13	s.	Airway Observer
Morrilton.......†	Conway	315	25	77.8	− 0.8	97	29	59	14§	3.63	−0.17	0.93	11	0.0	9	8	7	15	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	4	.....	.....	.....	.....	.....	.....	5.98	.....	1.78	30	0.0	10	6	7	17	sw.	C. A. Lovell
Mountain Home .†	Baxter	800	29	75.4	+ 0.4	95	3	54	15	5.14	+0.70	1.38	13	0.0	11	15	6	9	sw.	H. N. Haibert
Mountain Valley	Garland	788	4	.....	.....	.....	.....	.....	.....	9.91	.....	3.80	30	0.0	9	8	9	13	s.	C. A. Cockman
Mount Ida	Montgomery	702	42	76.4	+ 0.4	98	29	59	14§	7.84	+3.55	2.74	13	0.0	11	6	16	8	s.	J. S. Whittington
Mt. Ida CCC	Montgomery	750	2	.....	.....	.....	.....	.....	.....	6.49	.....	2.59	13	0.0	13	10	17	3	sw.	U. S. Forest Service
Mulberry (near)..†	Franklin	433	3	.....	.....	.....	.....	.....	.....	3.36	.....	1.10	11	0.0	11	12	6	12	.....	Clifton Ward
Nashville	Howard	350	3	79.8	.....	104	29	62	14§	4.10	.....	1.00	15	0.0	8	16	13	1	e.	Brice Carruth
Newport	Jackson	231	58	77.9	0.0	97	29	58	14§	4.72	+0.80	2.21	13	0.0	12	7	18	5	n.	J. D. Henderson
Oden	Montgomery	800	14	76.6	.....	95	29	60	14	7.47	+3.97	2.81	13	0.0	11	7	15	8	sw.	U. S. Forest Service
Okay	Howard	288	13	80.0	+ 1.0	98	30	62	15	3.01	−0.07	1.19	15	0.0	7	10	16	4	e.	Charles R. Jackson
Osceola	Mississippi	250	41	.....	.....	.....	.....	.....	.....	2.91	−0.47	0 98	16	0.0	7	10	13	7	.....	G. H. Banks
Ozark	Franklin	396	46	77.8	− 0.1	97	28	52	14	1.93	−2.52	0.69	13	0.0	10	5	10	15	se.	Orkney O. Milton
Paragould	Greene	275	18	77.4	.....	97	29	55	14	5.87	−1.81	1.09	13	0.0	13	14	13	3	sw.	J. E. Garrett
Parkin	Cross	222	11	.....	.....	.....	.....	.....	.....	3 52	−0.23	1.02	12	0.0	8	9	12	9	.....	Carroll King
Perryville	Perry	325	2	77.5^{b}	+ 1.9	97^{c}	3§	58	14	4.63	−0.27	1.19	13	0.0	12	8	21	1	nw.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	54	80.4	+ 1.2	98	2§	62	14	3.82	−0.10	2.09	16	0.0	11	6	20	4	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	.....	.....	.....	.....	.....	.....	3.72	+0.77	0.82	22	0.0	11	5	13	12	sw.	J. R. Huddleston
Pocahontas	Randolph	300	48	77.6	+ 1.0	98	29	53	14	3.48	+0.88	0.73	10	0.0	12	8	11	11	nw.	Benedictine Sisters
Portland	Ashley	122	35	78.8	− 0.6	95	3§	61	15§	4.00	+0.53	0.82	7	0.0	14	10	17	3	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	80.0	+ 1 2	98	29	62	14§	3.33	−0.92	1.06	14	0.0	12	12	10	8	s.	W. R. Hambright
Rogers	Benton	1300	51	73.5	− 0.1	91	29	45	14	8 26	+3.14	1.43	17	0.0	17	7	16	7	s.	Howard Fowler
Rosebud	Faulkner	680	7	.....	.....	.....	.....	.....	.....	4.42	.....	1.02	9	0.0	12	11	12	7	sw.	G. A. Maddox
Russellville ....‡‡	Pope	526	29	78.4^{a}	+ 0.8	97	29	55^{a}	14	3.19	−0.89	0.86	17	0.0	10	9	12	9	s.	U. S. Forest Service
St. Charles	Arkansas	175	8	78.4	.....	98	28	58	24	3.82	.....	2.20	10	0.0	12	14	9	7	sw.	U. S. Biological Survey
St. Francis	Clay	290	14	.....	.....	.....	.....	.....	.....	7.80	+3.82	2.05	10	0.0	12	14	1	15	.....	A. Boyce Boyd, Jr.
Searcy	White	245	31	78.6	+ 1 3	94	28§	58	15	4.26	+0.26	0.92	11	0.0	13	14	6	10	se.	Walter A. Smith
Sheridan	Grant	....	1	77.4	.....	96	29	56	24	6.37	.....	2.50	30	0.0	10	2	22	6	sw.	Ark. Forestry Com.
Siloam Springs	Benton	....	1	73.0	.....	92	3§	46	16	5.89	.....	1.00	12	0.0	12	8	18	4	s.	Frank A. Treadwell
Springbank......†	Miller	240	32	.....	.....	.....	.....	.....	.....	5.65	+1.99	1.60	6	0.0	10	8	3	19	.....	Henry Field
Story	Montgomery	650	17	.....	.....	.....	.....	.....	.....	5.20	+1.57	2.09	14	0.0	10	15	12	3	s.	S. C. Story
Stuttgart	Arkansas	214	54	77.4	− 0.6	97	29	59	16§	2.48	−1.27	1.63	16	0.0	7	14	14	2	s.	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas	198	6	76.2^{a}	.....	96^{a}	28	59^{a}	15	2.61	.....	1.03	16	0.0	10	.....	.....	.....	.....	Rice Experiment Sta

Climatological Data for June, 1942 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	78.8	+ 1.0	98	3	54	14	2.37	−1.66	0.67	13	0.0	12	11	10	9	se.	New Subiaco Abbey
Texarkana	Miller	332	57	80.3	+ 1 2	96	3§	62	15	5.84	+1 98	1.97	15	0.0	8	14	10	6	s.	H. S. Brashear
Turnpike†	Pope	2240	17	72.8	......	90	28	49	14	4.95	+0.05	1.28	30	0.0	15	11	7	12	sw.	U. S. Forest Service
Wabash	Phillips	179	2	77.0ª	......	98ª	28	52ª	24	3.91	......	0.93	29	0.0	9	4	19	7	s.	Farm Security Adm.
Waldron	Scott	675	22	75.8	......	96	29	54	14	4.13	−0.49	2.00	13	0.0	13	11	12	7	s.	Lavon Shoptaw
Warren	Bradley	206	47	79.6	+ 0.3	97	28	61	24	3.09	−0.63	0.94	10	0.0	10	1	6	23	se.	C. N. Turner
Whitecliffs	Little River	290	35	....	......	......	......	......	......	4.36	+1.05	1.46	22	0.0	6	21	1	8	......	L. M. Snead
White Rock†	Franklin	2285	5	71.6	......	87	28§	47	14	5.12	......	1.63	10	0.0	9	15	8	7	se.	U. S. Forest Service
Wilson	Mississippi	237	16	78.4	+ 1.5	97	27	56	14	3.39	+0.08	1.10	13	0.0	5	16	1	13	s.	D. O. Anderson
Wright	Jefferson	234	2	77.5	.....	94	3§	59	14§	2.81	......	1.18	15	0.0	9	4	22	4	sw.	Farm Security Adm.
Wynne	Cross	167	33	77.4	+ 0.4	96	28§	55	24	3.69	− 0.21	0.86	16	0.0	8	7	13	10	s.	B. M. Eddins
State Means		..	..	77.2	+ 0.1	104	29	45	14	4.54	+0.47	4.88	10	0.0	11	10	12	8	s.	

Daily Precipitation for June, 1942

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Abbott[2]	Arkansas				.30	.20		.20		.28	.25	.23		2.15		.25			1.23		.02					.18						5.29
Alum Fork Reser.	Ouachita		T.			.04	.42		.18	.15	2.02	.28		.98	.02	.52	.68	.38						.04							.17	5.88
Arkadelphia[2]	Ouachita						.01	.05		.57	.07	.05			4.22	.41	.03		.05					.05								5.51
Arkansas City[2]	Mississippi					.16			.15	.31	1.21	.41			.08		.93		.36					.93							T.	4.54
Batesville Air'y.[1]‡	White			T.	.05	T.	T.		T.	.08	.47	T	T.	.78		.50		.52					.38				T.			.22	.35	3.35
Batesville Livestk[1]	White					T				.10	.08	.75	.40	.80		.40	.45	.32				T.		.11		T.					.39	3.80
Batesville River[2]	White				T	.10					.32	.74	.10	1.10	T.	T	.54		.55					.42							.22	4.09
Beaty Lake(near)	St. Francis		.11				T.		.09	.20	.79	T.	1.07			.71	T.	.13					.35							.49	.32	4.26
Bee Branch	Arkansas				.25	.15	.35				.95	.10		.45		.35		.15				T.		.10							.45	3.30
Beech Grove(near)	White								.23	.18	1.04	.07	.62	1.04		.48																3.66
Beedeville[2]	White			T.	T.	.39	.03	.31			.52	1.40	.04	.70	.02		.40		1.10				.10	T.							.95	5.96
Benton[2]	Saline						T.	.24		.61	.25	.83	.03	.33	.37	T.	.67		.27				.17	.04							.95	4.76
Bentonville[1]‡	Arkansas	.08			T.	.31	.48		1.15	1.05	.06	.16	.89	.89	.06	.47		.80	.12			.37			.35						.04	7.28
Bethesda[1]	White									.03	.05	.59	.45	.73			.40		.24					.18							.76	3.43
Big Lake Outlet[2]	St. Francis				.65						.67	.32	.09	1.15	.26		.72		T.					T.								3.86
Black Rock[2]	White				T.	T.		.28			.27	.41	.03	1.27			.52		.06					.14				T.				2.98
Blue Mountain[2]	Arkansas						.30	.20	T.			.45		.40		.10	.25		.95				.03			.10						2.78
Bluff City..(near)	Ouachita									.31				.82		1.40		.21												.12	.32	3.18
Blytheville[2]	St Francis				.23	.09	.17			T.	.66	.10	.06	2.09	.08		.80							.57				T.				4.80
Booneville (near)	Arkansas				T	.01	.17		.04	.10	.24	.83		.97		.25		.91				.07			.11						1.18	4.88
Booneville[2]	Arkansas						T.	T.		T.	.25	.44	.21	.81	.11	.20			.89			T.				.11						3.02
Boughton[2]	Ouachita						.30			.04	.03	.60			2.10		.71		.31												.12	4.21
Brinkley	White								.06	.03	.62	.02	.07	.55		1.09	.01	.21	.07											.63		3.36
Calico Rock[2]	White				.01	T.		.36		.70	.47	.32	.35	.66			.40		.60	T.		.08						.03				3.98
Camden	Ouachita					.04				.18	.76	.02			1.05	.25	1.35							1.56				.05				5.26
Camp Chaffee	Arkansas					18	.17	.07		1.14	.15	1.08		1.33	.20				1.26				.10			.38						6.06
Camp Marion[2]	Arkansas							.40	.10		.10		70	.30	.20	.70														.40	.30	3.20
Camp Robinson[2]	Arkansas						T.	.70	.20	.30	T.	1.35	.11	.38	.08	.03	.33		.29		T.		.10							T	.25	4.12
Carlisle[2]	Arkansas						.05	.22		.24	.36	.11	.62	.25	.11		.55		.72					.05							.09	3.37
Clarendon[2]	White			.05					.43	.38	.95	.01	.70	.16	.12		1.23		.39				.08								T.	4.50
Clover Bend	White			T.	.47		.12	.30		.12	.33	1.22	.64	1.16		.31	.05	T.				T.	.54				.67					5.93
Cold Springs	Ouachita							.30		.44	.19		.42	2.10		.30	.05		.66				.12		.10							4.68
Conway	Arkansas						.12		.47	.45	.23	.09		.88		.37		.73				1.07		.29						.02	.46	5.18
Corley[2] (near)	Arkansas																															....
Corning[2]	White					05		.41	.34	.88	.25	.37		.83			.59		.09									.15				3.96
Cotter[2]	White					.31				.41	.29	1.47	.08	.97			.12		.21													3.86
Crossett ..[near]	Ouachita					.09	.14	.29	1.30	31	.59	.06		T.	1.38	.91						2.67	.03	.20								8.00
Danville[2]	Arkansas						.02	.12		.05	.47	.47	.04	.43	.09	16	.19		.96				.02	.01		T.						3.03
Dardanelle[2]	Arkansas					.11		.36		.18	.12	1.27		.29	.03				.58													2.94
Denmark[2]	White					.35		T.		.03	.45	.48	T.	.98			.25		.83				.01	.04							.10	3.52
De Queen	Red						.65		.29	.05	.45			.25		.92							.21								.85	3.67
Dermott[2]	Mississippi			.23		.13		.66	08	.10	.38	.30			.07		88		.47					.41								3.71
Des Arc[2]	White				.80		.07	.02		.27	.42	.36	.05	.29	.15		.54		.16				T.	.13							.10	3.36
Devils Knob	Arkansas				.08	.22	.11		.22	.24	2.17	.09		.35		.22	.02	.23				.12			.14						.33	4.54
Dumas	Mississippi					T.	.78	.11	.06	.20	.25	T.		.15	.04	.75		.03				T.			.02				1.33	.27		3.99
Eagle Gap[2]	Arkansas			.10	.46		.30	.29		.67	.17	.07		*	1.52	*	.56		.18				1.31	.22								5 85
El Dorado[2]	Ouachita				.52	.02				.05	.64	.06	.01		.30	1.40	.22	.06						.65						.11		4.04
Eleven Point[2]	White						.25	.02	.19		.17	.46	.31	.33		.70	.02	.21	T.			12	.03				.90			.03		3.74
England	Arkansas					T.	.40	T.	.25	.03	.44	.10		.16		.74		.30				.02								T.	T	2.44
Eureka Springs	White	.42		.67	.48	1.02	.30	.60	.05	.33	.25	.33		.54		.30	.03	1.27	.10	.02		.04			.16						1.18	8.09
Evening Shade[2]	White					.11	.01	.03		.40	.11	1.39	.18	.89			.49		.30	.04				.58	T.			T.			.03	4.56
Fayetteville	White				.05	.48	.29	.05	.03	1.55	.55	.94	.34	.33		.41		.50	T.			.18	.01		.21						.28	6.20
Fayetteville Exp. S	White				.01	.28	.11	.09	.02	1.48	2.16	.41	.58	.32		.32		.30	T.			08	.03		.22						.39	6.80
Fordyce	Arkansas					T.	.16		.02	.22	.20	.19		1.36	.03	1.92		.08				.19		.35							.07	4 79
Forrester[2]	Arkansas	T.			T.	T.				T.		T.	T.	T.		.60							1.00							T.		1.60
Fort Smith[1]‡	Arkansas	.02		T.	T.	.11	.07	T	.20	.36	1 17			.86	.18	.05		.85				T.	.01		.57						.40	4 85
Fort Smith W.[2]	Arkansas					T	T.			56	.38	1.02	T.	.68		.30	T.		.17							.31						3.42
Fulton[2]	Red					T.	.13	.12		.39	42			T.	.15	1.21	.17						T.	.02				T.			.22	2.83
Georgetown[2]	White									.10	.50	.35	.15	.65	.17		.45		.40				10	.10							.15	3.12
Gilbert[2]	White						.19			.35	.46	.21	T.	.36		.11	.05		.59			.03										2.35
Glenwood[2]	Ouachita					.17	.34	.13		.22	.14	.27	.14	1.08	.78	.53	.28		.18				.09	.06							.03	4.44
Grannis	Red				.16	.02	.23	.02	.21	.20	.24	T.		.38	.02	.86	.02	.02	T			.07	.43							.16	.03	3.07
Gravelly[2]	Arkansas			T.	T.				.78	.20		1.83			.39	.06		1.30				.28			T.						.23	5.07
Gravette	Arkansas				1.04	.68	.15		1.09	.30	.26	.46	13	1.56		.84		1.00	.04	.02		1.18	.03		.31						.54	9 63
Green Forest[2]	White					.10	.09	.01		.73	1.55	1.26	06	.37		.09	.01	1.17	.01						.15					.12	.02	5.74
Green Mountain	White				T.					.61	.29	.12		.71		.23		.10				.08										2.14
Greenwood[2]	Arkansas					1.38	.07	.12		.10	1.42	1.72	.05	1.05		.15			1.34				.12			.24						7.76
Harrisburg[2]	St. Francis				.26				.55		.85	1.17	.10	1.21		75			.21													5.10
Harrison	White						.04		T.	1 02	.31	.17	.30	.43		.09		.81							.06					T.	T.	3.23
Heber Springs[2]	White					.52	T.				.47	.57	T.	.89			.37		.53			.02										3.37
Helena[2]	Mississippi							.07		.30	.55	.68	.02	.18	.02		.68		.09					.02								2.61
Henderson[2]	White						.70	.03	T.	.41	.04	1.05	.26	.97			.20		.18	.02		.17										4.03
Highland	Ouachita																															....
Hon[2] (near)	Arkansas						.25			.80	.75	.20		2.75		.26		.27				.06	.06									5.40
Hope[2]	Red							.25			.97	T			.39	.95	.10							.08								2.74
Hot Springs	Ouachita				.10	.03	.01		.44	.35	.42	.10		1.39		.64	.27	.35				.64								.67	1.33	6.74
Huttig[2](near)	Ouachita					.15	.04	.03	.08	.16	.90	.12	.03		1.95	1.58	.04							05								5.13
Index[2]	Red						.10	T.	.10		.60				.60	1.45	.20					.25										3.30
Irons Fork[2]	Ouachita					T.	.09	.14		.16	.25	.15	.01	2.12	.20	.68	.07	T.	.03				.39	35							.06	4.70
Jessieville	Ouachita					.37	.76		.39		.64	.41	.17		.16	.95		.84				1.24							.09		.68	6.70
Jonesboro[2]	White					T.		.04	.10	T.	.09	83	3.01	2.37	.06		.65		.06					.17				T.			T.	7.38

Daily Precipitation for June, 1942 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
LaCrosse [2]	White									.32	.63	.45	.72	.65			41		.40	.07				.47								4.12
Lake City[2]	St. Francis			.05				.02		.05	.50	.49	.12	1.66			1.35		.34				.32	.02				.08			.30	5.30
Lead Hill	White					.05	.06	.01	.05	.31	.18	.23	T.	.36		.14		1 06	T.				T.		T.					.23		2.68
Little Rock[1]†	Arkansas					.21	.70	T.	.20	.24	.68	.17		.29		.35	T.	.22				.03								.72	.13	3.94
LittleRock Air'y[1]‡	Arkansas					.15	.59	.04	.04	.26	.48	.02		.35		.36	T.	.14				.07	T.	T.	T.					.03	.13	2.66
Lutherville	Arkansas				T.	T.	T.		.43	T.	1.28	.25	.48	.81		.19		.30				.10			.06						.73	4.63
Madison[2]	St. Francis			.65						.03	1.00	.10		.60	.03		1.45		.32				T.	.05							.45	4.68
Magnolia	Red		.03			.23	.21		.04	.26	4.88				.54	1.16							.14							.30	.78	8.57
Mammoth Spg [2]	White					.08	.28		.05	2.00	.75	.53	1.42	.49			.53		.64			T.						.23			.14	7.14
Marianna	St. Francis		T.					.17	.30	.25	.12		.12	.35		.50			.65					.87						.65		3.98
Marked Tree[2]	St. Francis				.40					T.		.28	.13	.80			.66		1.60				.03									3.90
Marshall [2]	White					.42	.09		*	.44	.78	.50				.05	.04	.92	.02						.02						.28	3.56
Marvell[2]	White	*	.09					T.		.74	T	.60			.14		.70													T.		2.27
Mena[2]	Ouachita				.08	.36	.35	.21	.09	.54	.46	.35	.02	1.50	.23	.32	.21	T.	.01	T		T.	1.47	.40		T					.44	7.04
Mena CCC	Red					.25	.80		.50	.70	1.00			2.01	.09			03				1.07	.03							.51	.08	7.07
Monticello Air.[1]‡	Ouachita		T.		T.	T.	.02	.03	.21	.10	.06	T.		.09		.84		.01					.49	.02						.02	.20	2.09
Morobay [2] (near)	Ouachita					.15				.09	.42	.02	.07		1.28	1.70	.10							.27								4.10
Morrilton[2]	Arkansas						T.	.25		.26	70	.93	.05	.68	T.	T.	.35		.38			.03		T.							T.	3.63
Mountainburg	Arkansas					.02				1.20	.91	.05		.87		.37		.30				.02			.46						1.78	5.98
Mountain Home	White					.20	.02	T.	.20	.98	1.07	.27	.38	1.38		.28		.24				.12										5.14
Mountain Valley	Ouachita					.30	.24		.88	T.	.20			1.59		.72		.51				1.17									3.80	9.91
Mtn. View [2](near)	White					.44				.04	T.	.13	T.	.39			.05		1.07					.43	.01							2.56
Mount Ida	Ouachita				T.	.14	.64		.20		.06	.05		2.74		.68		.28				.20	.11							T.	2 74	7.84
Mount Ida CCC	Ouachita					.10	.43	.12	.03	.10	.08			2.59	.03	.36			.10			.20	.12								2.23	6.49
Mulberry[2]	Arkansas							.08		.32	.32	1.10	.04	.73		.27	.02		.16			.02				.30						3.36
Nashville	Red					T.	.48	T.	T.	.39	.42			.85	.01	1.00						.36									.59	4.10
Newhope(near) [2]	Ouachita						.63	T.		.60	.10	.90			1.90		.60		T.												T	4.73
Newport[2]	White				.25	.33	.08				.73	.21	.02	2.21	.03		.44		.39					.02							.01	4.72
Nimrod	Arkansas				T.	T.	.37	T.			1.12	T.		1.08		T.	.05	.56				.16	T								.42	3.76
Odell (near)[2]	Arkansas						.24	.06	.11	.14	.40	1.48	.10	.59		.38	.15		.63			.11	.02			.46						4.87
Oden[1]	Ouachita	.12					.11			.31		.31		2.81		.11		26				.88	.15							.68	1.73	7.47
Okay	Red						.75		.03	.48	.50			08		1.10															.07	3.01
Osceola[2]	Mississippi					.04		.09			.19		.09	.91	T.		.98		T.				.61									2.91
Ozark[2]	Arkansas					T.	.02			.01	.09	.04	.27	.69	.01	.04			.38			T.			T.	.38						1.93
Paragould	St. Francis		T.	.96	.01	.05	.04	1.02	.09	.02	.50	.21	.86	1.09		1.00		.02							T.		T					5.87
Parkin[2]	St. Francis			.21			.15				.15	.23	1.02	.55			.91		.30													3 52
Perryville	Arkansas					.06	.37	.12	T	.12	1.15	.14		1.19		.44		.31				.43								.06	.24	4.63
Pine Bluff [2]	Arkansas					T		.07	.06	T.	.50		.39	.09	.06	.02	2.09		.24					.03							.27	3.82
Pine Ridge[2]	Ouachita						.41	.18	.24	.36	.11				.18		.40		.32				.82	.21							.49	3.72
Pocahontas	White						.14	.05		.69	.73	.06		.45		.53	.06	.28	.20			.23					.06					3.48
Portland [2]	Ouachita					.22	.05	.82	.15	.26	.25	.10			.50	.46	.56		.15			T.	.20	.18						10		4.00
Prescott[2]	Ouachita					T.	.16	.10		.19	.75	.01		.02	1.06	.38	.52		.11					.01				.02				3.33
Rogers (near)	White		T.		.05	.55	.39	T	1.16	1.09	.53	.26	.17	.86	T	.59		1.43	.11			.34	.10		.44	T.				.06	.13	8.26
Rosebud	Arkansas			.05		.08				1.02	.51	.11		.96		.36		.21				.42		.07						.05	.58	4.42
Russellville	Arkansas					T.	.16		.07		.26	.67	.29	.37	.04	.20		.86				T.			T.						.27	3.19
St. Charles[2]	White			.08				T.		.07	2.20	.07	.04	.08	.07	.02	.63		.10				.15	T.							.31	3.82
St. Francis[2]	St. Francis				.40		.06		1.26	.75	2.05	.95		.76	.20		.60		.28				.12		T			.37				7.80
St. Paul[2](near)	White							.65	.75	.67	.10	.80	.42	.69		.34			.27	.10				.10								4.89
Searcy[2]	White				.04		.02				.21	.92	.07	.64	.20	.02	.32		.41				.66	.01							.74	4.26
Sheridan	Ouachita						1.02	T	.08		.55	.04		.75		.82						.12		.18						.31	2.50	6.37
Shirley [2](near)	White				T.	.67			.62	T.	.59	.21		.64			.35		.28					.09								3.45
Siloam Springs	White			.20	.05	T.	T.			.58	.54	.05	1.60	.79		.56		.74				.31			.38						.69	5.89
Sparkman[2] (near)	Ouachita								.02	.15	.11	.05	.07		1.89	.40	98		.07				T.								.05	3.79
Springbank[2]	Red		T.	T.		T.	1.60	.75	.25	.38	1.15	.26			.30	.80	.08	T						T.				.08				5.65
Stamps[2](near)	Red						2.01			3.00	2.00	.31			.25	2.00							T.									9.57
Stephens [2] (near)	Ouachita							T	T.		T.	2.00	T.		.70	*	*	2.03						.86								5.59
Story[2]	Ouachita						.08	.14	.24		.08	.78		*	2.09	*	78	.28					.70								.03	5.20
Stuttgart[2]	Arkansas									.12	.35		.10	.03	.05		1.63		.20													2.48
Stuttgart Evap.[2]	Arkansas				.09			.32		.31	.15	.01	.18	.05	.12		1.03		.35													2.61
Subiaco	Arkansas			T.	.01	T.	.01		.17	.01	.16	.19	.04	.67		.19		.51				T.			.09						.32	2.37
Sugar Grove [2]	Arkansas					.06	.08	.45		.20	.77	.33		70		.30	.06		.50					.05		.08						3 58
Texarkana [2]	Red					T.	.18	.78		.54	.32				.06	1.97							.04								1.95	5.84
Tichnor [2]	White							.40	T.	.23	.41	.29	.03	.07	.10		.56		.48													2.57
Turupike	Arkansas				.06	.02	.02		.25	.50	1.23	.14	.03	.60		.16	.02	58				.03			.03						1.28	4.95
Viola	White						.03		1.61	.14	.08	.54	.07	.43			.33		.55	.15		.18						.05				4.16
Wabash	Mississippi							.49	.18	.11		.82		.16		.45			.52										T.	.93	.25	3.91
Waldron	Arkansas				.03	.01	.22		.50	.07	.08	.19		2.00				.50				.25	.05		.04						.19	4.13
Walnut Grove(nr).	White				.12		T.		T.	T	.42	.50	.18	.55		.38		.42				.11	.35								.45	3.48
Warren	Ouachita								.20	.13	.94	T.		.30	.25	.80	.02	.10				T.								.30	.05	3.09
Whitecliffs [2]	Red						T.	.90		.20	.30			.10		1.40							1.46									4.36
White Rock	Arkansas				.26	T.				.38	1.63	.06	T	.81		.25		.68			T.				.31						.74	5.12
Wilson [2]	Mississippi										.70		.40	1.10			1.00					.19										3.39
Wright	Arkansas						*	.74			.12	.01		.22		1.18		.15	.02					.02							.35	2 81
Wynne[2]	St. Francis			.33	.32	.15					.85	.08	.25	.85			.86															3.69

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for June, 1942

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Monthly
Hope, §§ Exp. Farm	Evap.	.238	.262	.198	.266	.240	.246	.164	.188	.084	.176	.134	.164	.206	.102	.194	.144	.152	.186	.200	.246	.176	.236	.164	.242	.224	.272	.256	.222	.248	.248	6.078
	Mean tem.	78	80	81	80	79	78	79	79	77	76	76	81	78	67	70	74	78	79	80	82	81	76	77	74	80	83	82	82	82	83	78.4
	Wind move	15	12	27	16	10	33	30	17	34	30	46	35	41	49	42	35	10	30	30	43	51	29	46	36	25	43	40	17	29	37	938
Irons Fork, §§ Exp. Forest	Evap.	.182	.167	.130	.151	.168	.061	.023	.161	.125	.078	.057	.091		.042	.070	.056	.102	.077	.129	.182	.122	.070	.030	.152	.076	.162	.166	.142	.157	.139	3.268
	Mean tem.	72	73	72	74	74	68	74	74	76	68	72	73	67	62	67	70	74	74	78	79	74	68	74	68	76	80	78	78	78	76	73.0
	Wind move	5	2	1	1	3	4	7	4	7	4	2	2	12	8	11	3	9	7	10	19	9	4	5	10	16	25	12	5	4	0	211
Russellville, Poly Tech. College	Evap.	.210	.210	.284	.283	.150	.216	.125	.318	.077	.148	.175		.086	.319	.100	.107	.301	.060	.198	.229	.229	.124	.281	.131	.207	.262	.291	.159	.188	.225	5.693
	Mean tem.	78	80	81	80	79	78	73	80	79	79	83	80		65	68	70	72	71	80	81	84	75	78	72	80	84	85	82	84	85	78.4
	Wind move	17	4	9	17	16	30	14	27	19	39	19	16	53	44	30	21	22	14	17	20	20	25	39	15	30	20	22	12	16	38	685
Stuttgart, §§ Rice Exp. Farm	Evap.	.235	.238	.243	.223	.258	.219	.205	*	.287	.112	.169	.137	.163	.155	.068	.055	.089	.150	.155	.265	.246	.183	.218	.249	.307	.136	.261	.232	.238	.206	5.702
	Mean tem.	79	81	80	80	80	79			77	78	78	80	74	66	67	70	75	76	78	80	80	80	72	72	76	77	82	85	84	82	76.2
	Wind move	27	17	19	21	25	95	3	*	62	49	107	101	79	67	47	28	16	49	50	96	89	51	45	50	19	61	50	19			1391

Daily Temperatures for June, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	90	92	92	91	90	82	85	90	86	83	86	91	87	71	76	80	85	89	89	90	89	83	83	84	90	91	90	94	95	92	87.2
	Minimum	65	66	67	66	66	67	69	69	68	68	65	68	66	58	59	61	65	62	68	71	69	65	68	58	59	73	68	70	72	65	66.0
Arkadelphia §§	Maximum	93	94	95	92	90	89	89	89	87	89	88	92	84	83	83	85	90	91	90	93	89	88	87	87	97	93	93	95	97	93	90.2
	Minimum	64	67	69	68	73	68	71	70	70	70	68	70	70	62	71	62	66	65	69	72	72	68	71	61	65	71	68	70	70	69	68.3
Batesville ***	Maximum	96	96	95	97	93	90	95	..	..	91	..	..	94	83	78	79	84	90	92	95	87	90	83	81	91	94	95	96	97	93	90.6
	Minimum	66	66	69	68	70	71	70	70	69	72	70	60	61	58	58	61	60	61	76	72	73	67	64	61	63	73	70	71	71	70	67.0
Bee Branch	Maximum	88	89	90	89	85	84	83	90	86	86	85	89	88	76	76	79	80	84	89	89	88	90	82	85	89	93	92	94	99	95	87.0
	Minimum	60	61	63	61	64	65	63	65	69	70	69	67	65	54	51	59	61	60	69	66	68	63	66	59	60	67	68	67	69	67	67.2
Benton §§	Maximum	92	94	94	91	88	84	88	89	86	82	86	91	78	78	77	79	87	89	89	90	90	87	82	82	90	91	91	94	96	92	87.6
	Minimum	62	64	65	65	65	66	69	67	67	70	68	66	67	60	60	60	63	63	64	70	65	65	66	58	60	62	67	67	70	66	64.9
Bentonville ***	Maximum	90	91	92	90	82	82	84	82	80	79	84	86	69	72	62	72	80	86	88	89	80	75	78	72	88	89	89	90	89	82	82.4
	Minimum	68	62	64	66	63	64	64	66	66	67	68	64	51	46	55	50	61	63	64	72	62	62	63	58	65	75	72	68	70	68	63.6
Bluff City	Maximum	91	93	94	92	87	87	88	87	83	85	85	92	89	87	85	85	88	89	89	91	91	90	84	85	91	93	93	95	95	93	89.2
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Blytheville	Maximum	96	92	91	93	92	90	90	93	86	86	90	88	80	80	73	72	70	84	90	91	89	85	80	78	88	93	94	97	94	94	87.3
	Minimum	65	68	69	68	71	71	70	70	74	71	73	68	66	55	58	58	59	66	73	73	72	70	66	57	62	73	70	76	73	72	67.9
Booneville	Maximum	92	93	94	94	87	85	89	90	88	84	89	90	89	76	78	83	85	89	90	90	88	86	84	81	90	92	91	94	96	92	88.3
	Minimum	66	64	65	67	67	68	68	69	70	67	68	70	66	54	60	60	67	65	70	72	67	64	68	64	66	70	73	70	70	69	66.8
Brinkley	Maximum	94	96	95	93	92	91	90	91	86	84	87	91	87	79	70	79	87	89	91	92	90	91	87	88	91	94	94	97	95	94	89.5
	Minimum	65	68	68	67	72	70	70	69	71	71	71	70	68	60	59	62	62	62	70	73	72	70	69	58	61	71	70	71	68	69	67.6
Camden	Maximum	97	97	98	94	91	89	91	88	88	85	86	93	90	81	80	86	90	92	90	95	90	89	85	88	91	95	96	97	91	95	90.6
	Minimum	66	68	69	68	72	70	70	68	70	69	71	70	74	63	63	65	69	67	71	73	71	70	69	63	67	74	69	71	70	71	69.0
Camp Robinson §§	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Clover Bend	Maximum	91	90	94	91	94	92	90	91	87	89	88	92	82	81	72	72	84	87	88	91	88	88	83	84	90	93	92	96	91	92	88.1
	Minimum	66	61	62	62	68	70	68	71	71	70	71	68	64	55	56	56	58	63	64	71	69	63	61	59	59	70	68	69	69	69	65.0
Conway	Maximum	95	97	96	93	90	87	89	91	85	84	89	91	85	75	73	83	85	91	92	93	86	87	86	82	92	94	95	98	98	92	89.1
	Minimum	66	68	69	68	71	69	70	69	70	72	68	69	68	60	60	62	64	59	69	70	66	66	68	62	62	72	70	70	73	70	67.3
Corning	Maximum	95	97	95	95	94	95	90	90	88	83	88	91	81	74	72	77	73	87	92	92	85	88	82	82	89	90	96	95	97	93	88.2
	Minimum	66	69	69	67	70	69	68	68	69	70	71	69	66	54	55	58	58	61	72	72	73	70	63	57	60	68	69	70	71	69	66.4
Crossett	Maximum	93	94	93	90	89	83	88	86	86	88	81	94	91	84	84	87	93	94	93	93	92	91	85	87	93	94	95	97	95	94	90.3
	Minimum	61	63	62	64	68	63	67	66	68	70	68	65	75	63	59	63	67	66	70	68	69	67	68	60	62	70	67	69	64	67	66.0
Dardanelle	Maximum	95	95	96	95	90	88	83	92	90	87	90	90	90	77	75	82	84	89	91	93	91	86	88	86	93	95	95	97	98	94	90.0
	Minimum	67	66	68	69	69	70	71	71	71	71	69	70	67	56	59	61	66	64	70	71	69	63	70	62	65	70	70	70	72	69	67.5
De Queen	Maximum	89	90	92	92	89	88	85	86	82	84	85	90	87	72	77	85	85	89	89	90	88	88	84	84	91	92	90	91	95	88	87.2
	Minimum	69	70	68	67	67	68	70	70	69	69	69	72	68	63	67	64	70	66	68	74	72	66	69	65	69	69	70	70	72	69	68.6
Des Arc	Maximum	94	94	95	93	93	91	89	90	85	84	89	92	88	78	71	79	86	90	92	92	88	89	83	81	92	94	95	96	95	93	89.0
	Minimum	65	69	69	68	71	70	70	70	71	71	70	70	68	59	59	62	63	62	70	74	72	68	70	60	63	73	72	72	73	69	68.1
Devils Knob	Maximum	84	87	88	88	88	80	80	82	79	77	77	81	76	70	67	77	76	81	84	82	78	79	78	72	83	86	85	87	89	84	80.8
	Minimum	70	71	70	69	67	65	65	63	64	65	64	68	58	49	53	54	61	61	69	68	61	64	60	58	60	70	68	70	71	65	64.0
Dumas	Maximum	97	97	95	94	91	90	87	86	87	87	88	93	82	74	76	84	82	94	93	95	92	93	85	88	97	98	98	101	96	95	90.5
	Minimum	65	66	67	67	72	69	69	69	70	77	70	69	72	61	62	63	67	65	70	72	70	71	68	59	62	72	78	69	71	71	68.4
El Dorado	Maximum	95	96	96	95	90	90	89	88	85	87	84	94	91	90	83	87	92	92	95	94	93	90	86	91	93	94	94	96	96	94	91.3
	Minimum	69	71	70	70	69	71	72	70	71	71	71	70	77	63	64	65	71	69	72	72	73	71	69	64	68	71	71	72	70	75	70.1
England	Maximum	95	95	96	94	90	86	88	91	87	88	87	91	85	74	69	78	94	89	90	92	88	89	82	82	91	93	93	96	96	92	88.7
	Minimum	65	67	66	67	74	68	69	69	69	70	69	69	68	60	60	62	65	63	70	72	70	69	70	57	60	78	79	69	72	68	67.8
Eureka Springs	Maximum	89	91	91	89	84	83	86	85	83	79	84	86	85	72	72	77	80	86	88	88	85	80	80	74	86	90	90	90	90	88	84.4
	Minimum	69	68	67	66	63	73	64	71	66	70	68	70	60	47	55	54	61	64	68	73	71	70	59	58	68	75	72	71	71	72	66.1
Fayetteville	Maximum	90	92	92	90	80	83	85	85	84	79	83	87	86	76	74	81	79	87	89	88	86	80	81	79	88	90	90	92	91	85	85.1
	Minimum	65	62	63	63	64	65	64	64	66	67	67	68	60	48	57	55	64	62	68	71	62	62	60	62	64	72	70	71	69	66	64.0
Fayetteville Exp. S	Maximum	88	91	91	91	82	83	85	84	82	77	82	86	86	75	75	80	79	85	87	87	86	81	78	77	87	90	89	90	91	87	84.4
	Minimum	66	62	63	67	65	67	64	66	66	67	68	67	51	48	57	56	65	61	61	74	64	62	59	61	65	76	71	72	74	68	64.4
Fordyce	Maximum	95	96	97	94	91	..	90	88	84	85	85	92	83	70	76	85	90	91	90	92	91	96	86	85	93	94	94	96	97	95	89.7
	Minimum	65	69	68	67	70	..	67	67	67	69	69	68	65	61	61	64	68	64	70	72	76	68	69	60	66	74	69	73	70	69	67.8
Fort Smith ***	Maximum	93	95	97	94	84	86	91	89	86	82	88	92	78	76	74	81	82	91	91	92	81	85	86	76	92	94	94	96	95	84	87.5
	Minimum	72	69	71	72	71	72	70	71	72	69	70	73	60	54	61	60	66	66	74	75	71	69	71	65	67	75	76	75	76	70	69.4
Gilbert §§	Maximum	90	92	93	92	88	88	90	90	83	80	88	90	84	74	62	79	83	88	90	92	86	85	86	88	93	95	96	95	95	94	87.6
	Minimum	69	57	58	62	61	68	66	66	65	68	68	65	66	57	57	57	60	61	61	66	65	61	60	58	57	57	57	64	63	65	61.9
Grannis	Maximum	90	92	93	91	86	76	86	81	81	84	87	90	82	70	81	84	87	86	90	91	88	89	91	88	88	89	92	94	91	93	87.0
	Minimum	64	69	65	69	70	67	69	68	67	68	64	70	65	59	60	66	67	63	68	71	69	64	67	62	63	67	65	69	68	67	66.3
Gravette	Maximum	89	91	92	92	81	83	87	85	82	80	82	87	84	72	71	80	78	87	87	89	87	77	79	77	85	90	89	90	90	84	84.2
	Minimum	64	61	64	60	63	65	64	66	66	68	68	69	58	47	57	55	64	64	64	71	62	62	57	60	64	73	71	71	68	67	64.4
Green Mountain	Maximum	88	90	91	89	88	85	86	87	88	80	85	88	75	72	62	74	71	84	89	87	82	84	86	75	87	90	91	92	91	93	84.3
	Minimum	70	73	73	72	68	68	69	67	67	68	69	72	57	53	52	55	60	60	70	71	65	67	72	59	63	72	74	72	73	70	66.7
Harrison	Maximum	91	93	94	94	89	89	89	89	83	81	82	89	84	73	72	78	78	87	91	90	80	81	80	79	89	94	92	94	93	88	86.2
	Minimum	64	60	60	64	63	64	65	65	65	69	69	67	64	54	56	56	61	62	68	69	64	62	61	59	59	74	69	66	69	69	63.9
Helena	Maximum	93	93	94	92	90	89	85	91	85	82	85	88	84	79	70	74	87	87	88	88	88	87	80	82	89	91	93	94	95	92	87.2
	Minimum	71	67	67	69	71	71	69	69	72	71	71	70	68	60	61	63	64	62	73	72	70	71	69	56	64	72	69	73	70	69	68.1
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope §§	Maximum	93	95	95	92	88	87	88	88	84	85	84	91	82	71	79	87	89	93	91	92	89	86	85	87	93	95	95	96	97	93	89.0
	Minimum	63	65	67	67	70	69	70	70	70	68	69	71	73	63	61	61	66	65	68	73	73	67	69	62	66	71	70	69	69	71	67.9
Hot Springs	Maximum	92	94	95	93	88	87	89	89	85	81	83	92	88	70	78	82	85	91	90	91	87	84	85	85	91	93	92	94	95	89	87.9
	Minimum	60	66	70	68	70	69	70	68	69	68	69	71	61	59	60	62	66	63	73	75	68	61	68	60	66	75	72	73	73	68	67.4
Irons Fork §§	Maximum	86	87	85	88	83	74	84	83	84	70	84	87	71	70	77	84	83	87	87	87	79	79	81	79	88	89	88	90	93	89	83.2
	Minimum	59	59	58	60	65	61	65	64	67	65	60	59	63	55	57	56	64	60	68	71	69	57	66	57	65	70	67	67	64	63	62.7
Jonesboro	Maximum	95	97	96	95	95	91	91	94	90	87	87	91	83	74	70	72	79	86	92	91	89	87	80	82	89	93	95	96	97	91	88.5
	Minimum	66	67	71	68	71	71	70	69	71	71	70	68	66	55	56	61	57	64	72	73	73	71	67	60	62	72	71	72	75	71	67.7
Lead Hill	Maximum	91	93	94	95	89	88	90	90	85	81	84	90	79	74	69	76	76	89	92	94	84	82	82	75	91	95	94	95	95	89	86.7
	Minimum	63	59	62	63	63	64	66	66	66	70	69	67	64	53	56	56	58	61	62	65	65	61	60	58	58	69	66	64	68	68	63.0
Little Rock *** (Airport)	Maximum	92	95	95	93	88	85	86	90	86	83	87	90	78	72	71	78	86	89	91	91	87	88	82	83	92	93	93	97	97	93	87.7
	Minimum	68	69	70	69	72	71	70	72	71	71	70	70	67	60	61	63	66	65	70	74	71	68	67	62	66	74	72	72	72	70	68.8
Lutherville	Maximum	89	92	91	91	89	88	87	90	88	80	85	89	82	76	76	81	80	86	89	88	81	85	83	80	89	91	90	94	93	83	86.2
	Minimum	66	65	66	67	65	69	63	67	69	69	67	67	65	52	58	56	67	62	69	71	65	64	67	60	63	72	71	69	71	67	65.6
Magnolia	Maximum	95	95	97	96	92	89	91	91	89	87	87	94	92	89	83	89	92	93	92	95	92	92	89	90	93	95	95	96	97	95	92.1
	Minimum	65	68	68	69	70	70	70	70	69	69	70	70	77	64	63	65	72	68	68	75	71	70	69	65	70	74	70	73	79	73	69.5
Mammoth Spring	Maximum	92	94	95	95	93	91	90	91	87	83	89	91	79	75	71	74	70	84	93	91	90	87	81	80	89	91	94	95	97	90	87.4
	Minimum	63	65	67	65	69	67	68	67	68	70	69	68	63	51	57	57	55	62	67	70	70	69	64	57	57	67	65	68	69	69	64.8
Marianna	Maximum	94	93	95	94	93	91	90	91	85	82	86	92	83	72	65	77	88	88	89	92	90	91	81	82	91	95	95	97	96	94	88.4
	Minimum	65	67	65	68	70	70	69	67	70	71	71	69	69	60	60	63	62	62	72	72	70	70	66	57	63	73	69	73	68	69	67.3
Marked Tree §§	Maximum	95	95	94	93	93	91	91	94	90	86	89	81	84	74	65	73	83	87	92	91	86	90	82	84	90	94	96	97	96	94	88.3
	Minimum	64	68	69	66	71	71	70	69	70	72	71	69	66	57	57	58	58	64	66	71	71	68	67	58	61	69	71	72	72	69	66.8
Mena	Maximum	93	92	92	92	84	79	87	87	83	80	87	93	91	70	80	85	86	91	91	92	83	81	82	83	91	92	91	94	95	88	87.2
	Minimum	65	64	65	64	69	66	68	68	68	68	67	71	64	57	59	61	67	64	72	73	66	63	68	62	66	73	72	69	69	68	66.5
Monticello ***	Maximum	92	96	95	92	88	86	88	86	85	86	87	94	85	74	80	86	90	94	90	92	92	90	85	84	84	94	95	98	94	94	89.2
	Minimum	68	70	72	69	72	69	69	69	70	71	69	68	68	63	63	65	68	67	72	71	70	70	69	64	67	74	70	73	70	71	69.0
Morrilton §§	Maximum	95	95	95	95	90	89	87	92	95	84	86	89	83	74	73	80	83	82	90	94	90	86	84	84	92	94	94	95	97	92	88.6
	Minimum	64	65	66	67	70	69	70	70	70	70	69	70	68	59	61	59	61	65	66	70	73	65	69	62	64	66	71	69	72	69	67.0
Mountain Home	Maximum	91	93	95	94	89	89	91	89	84	82	86	90	80	75	71	75	71	88	92	91	85	84	83	83	90	93	94	94	92	92	86.9
	Minimum	64	63	65	63	67	65	66	65	66	69	68	69	58	56	54	56	58	62	66	67	65	65	62	58	59	67	69	65	69	67	63.8
Mt. Ida	Maximum	92	94	96	92	85	85	87	88	85	85	87	92	80	70	79	83	89	90	90	91	87	85	85	86	90	92	91	94	98	92	88.0
	Minimum	60	60	61	62	67	63	70	64	66	66	65	68	65	59	61	63	64	62	69	68	69	63	66	59	63	76	68	65	69	67	64.9
Nashville	Maximum	92	93	94	92	88	86	86	88	82	87	86	91	90	74	79	85	90	91	91	93	91	86	85	85	93	94	92	95	104	94	89.2
	Minimum	66	67	69	70	74	70	71	70	71	70	71	71	68	62	62	65	71	66	71	73	70	68	72	64	68	74	70	72	72	70	69.3
Newport	Maximum	95	96	95	94	91	89	87	92	85	85	89	92	85	72	70	76	81	86	90	91	86	89	81	82	90	93	93	95	97	93	88.0
	Minimum	66	68	70	67	70	70	70	71	71	72	71	70	66	58	58	61	60	62	72	71	73	67	68	61	60	73	72	72	73	70	67.8
Oden ***	Maximum	91	94	94	91	85	82	87	89	85	82	86	90	73	70	79	84	86	89	89	90	77	85	84	82	88	90	90	92	95	88	86.2
	Minimum	65	65	65	65	69	65	70	68	69	68	66	69	65	60	62	64	67	64	71	72	68	65	69	61	65	74	68	69	71	68	66.9

Daily Temperatures for June, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Okay	Maximum	93	95	96	94	91	93	88	90	86	87	86	93	92	87	80	88	91	91	91	93	91	84	86	87	92	94	93	94	96	98	90.7
	Minimum	67	67	68	69	73	70	72	71	70	70	71	71	70	63	62	64	72	67	71	74	71	67	70	64	70	74	70	71	71	70	69.3
Ozark	Maximum	90	94	95	93	87	85	89	90	88	86	86	86	86	80	73	83	80	88	95	93	89	85	86	84	92	95	96	97	90	89	88.3
	Minimum	69	67	67	70	69	68	70	70	71	69	70	69	74	52	61	57	68	65	69	69	68	64	69	65	66	69	69	70	71	68	67.4
Paragould	Maximum	95	95	94	94	91	92	92	90	86	85	88	91	83	71	72	74	80	86	90	91	85	86	81	81	91	92	95	95	97	92	87.8
	Minimum	65	67	69	68	70	70	70	69	71	69	70	67	66	55	56	61	58	64	72	71	73	72	66	57	61	71	70	71	72	70	67.0
Perryville	Maximum	95	95	97	94	89	94	87	91	86	84	88	60	88	74	74	80	86	91	93	93	91	..	..	..	93	95	94	97	97	92	89.9
	Minimum	62	63	64	65	68	62	68	68	69	68	67	67	66	58	59	61	65	62	67	62	70	64	68	59	61	68	67	67	70	67	65.1
Pine Bluff	Maximum	94	98	98	95	91	91	92	91	88	88	89	93	86	72	73	81	90	92	92	93	91	90	86	88	95	95	96	98	95	96	90.6
	Minimum	69	70	71	70	75	71	71	71	71	70	71	70	70	62	63	65	68	66	74	74	72	71	72	64	66	75	72	75	75	71	70.2
Pocahontas	Maximum	95	95	96	95	92	91	89	93	92	87	88	93	82	74	75	75	73	89	92	92	91	89	85	81	90	93	96	96	98	97	89.1
	Minimum	65	68	67	67	78	69	67	68	69	70	71	66	66	58	56	58	56	61	70	71	72	70	63	58	60	70	68	69	70	70	66.2
Portland	Maximum	93	94	95	89	90	88	87	86	85	85	85	91	90	86	83	87	90	94	90	92	93	92	82	87	91	94	94	95	95	93	89.9
	Minimum	65	67	66	68	69	67	68	67	69	70	70	66	76	62	61	64	67	66	72	70	70	70	70	61	63	72	69	72	68	69	67.8
Prescott	Maximum	93	96	96	97	92	90	90	88	86	86	87	94	89	76	80	86	91	92	92	94	91	87	86	88	94	94	95	97	98	95	90.7
	Minimum	67	69	71	69	73	70	70	70	70	70	70	71	71	62	62	65	70	66	72	74	73	69	71	63	68	67	70	72	72	73	69.3
Rogers	Maximum	89	90	90	90	83	82	85	85	81	77	86	86	77	73	68	79	80	86	88	88	80	78	79	77	86	88	89	90	91	88	83.6
	Minimum	65	62	62	62	62	65	65	65	65	67	67	69	59	45	56	54	63	61	62	70	63	62	59	58	63	72	72	69	69	69	63.4
Russellville	Maximum	92	94	95	93	89	87	86	90	88	86	90	88	88	75	75	81	82	89	91	91	91	86	86	83	82	94	94	96	97	96	88.5
	Minimum	65	65	67	67	69	68	70	69	70	72	76	72	..	55	60	60	62	63	69	71	76	64	70	62	78	75	76	68	72	74	68.3
St. Charles §§	Maximum	94	97	95	94	90	89	89	90	89	84	87	92	80	71	71	82	90	90	91	90	91	92	87	87	92	95	96	98	95	95	89.4
	Minimum	66	67	67	67	71	70	67	69	70	70	71	68	68	60	60	60	64	63	70	72	70	70	69	58	61	70	69	71	70	70	67.3
Searcy	Maximum	91	92	93	92	90	89	86	90	86	84	86	89	83	72	70	79	82	86	89	90	84	86	80	80	90	91	91	94	94	89	89.9
	Minimum	66	68	70	67	68	70	68	70	71	71	69	70	68	59	58	61	62	62	70	71	72	67	69	61	60	71	70	72	73	69	67.4
Sheridan	Maximum	94	95	95	92	89	86	88	89	86	85	86	91	90	89	75	80	87	89	89	91	91	88	83	82	92	92	92	95	96	92	89.0
	Minimum	63	66	65	65	68	65	69	67	67	69	66	67	65	59	60	62	65	62	68	71	68	66	67	56	63	71	68	69	70	67	65.8
Siloam Springs	Maximum	88	90	92	92	80	80	81	80	78	76	79	87	86	74	74	79	75	85	86	86	86	78	78	70	72	85	84	86	90	81	81.9
	Minimum	74	75	65	66	60	67	65	67	66	68	67	63	58	47	58	46	63	64	66	64	63	63	59	62	61	73	72	71	69	62	64.1
Stuttgart	Maximum	92	95	96	95	92	89	88	89	89	86	85	87	91	78	72	68	80	91	90	91	91	91	90	84	83	93	95	95	97	95	88.6
	Minimum	66	65	67	67	67	69	69	69	70	70	69	67	68	60	60	59	62	62	64	70	69	69	70	60	59	62	70	69	72	69	66.3
Stuttgart (near). §§	Maximum	93	95	93	91	89	89	..	89	85	84	85	90	79	73	75	80	87	88	89	89	89	89	83	82	91	93	94	96	95	94	88.2
	Minimum	65	67	68	68	72	69	68	..	69	71	70	69	69	60	59	61	63	63	68	72	70	71	69	61	62	71	71	73	73	70	64.2
Subiaco	Maximum	92	95	98	95	91	88	90	92	89	85	89	90	87	78	74	84	85	91	93	93	89	86	86	82	93	95	96	97	97	92	89.7
	Minimum	68	67	67	69	69	68	69	69	69	68	69	69	67	54	60	69	67	65	71	73	70	64	68	63	65	73	71	71	72	69	67.8
Texarkana	Maximum	94	93	96	93	89	86	87	87	84	87	85	93	93	82	76	88	91	92	91	92	90	86	86	88	92	94	92	95	96	94	89.7
	Minimum	69	69	71	70	72	71	72	72	70	70	72	72	77	64	62	65	73	70	73	74	74	70	70	66	72	75	72	75	75	72	70.9
Turnpike	Maximum	84	87	88	86	81	85	86	85	78	76	79	85	78	71	64	75	80	82	84	83	79	79	76	72	84	85	87	90	87	82	81.3
	Minimum	69	70	72	66	68	65	65	65	65	66	64	66	59	49	52	53	61	63	69	68	62	64	60	59	61	71	68	69	72	64	64.2
Wabash	Maximum	94	97	95	94	92	90	86	89	86	83	85	90	90	77	72	80	90	88	90	90	89	90	90	85	90	94	..	98	95	93	89.0
	Minimum	61	64	64	64	65	68	68	66	68	69	71	69	67	58	59	62	60	61	72	72	61	69	68	52	58	73	..	67	62	68	65.0
Waldron	Maximum	93	94	94	93	86	85	88	88	86	85	89	92	90	74	78	78	85	86	81	86	90	85	83	84	90	93	92	94	96	87	87.5
	Minimum	68	63	63	67	66	66	66	61	67	66	67	68	64	54	56	57	58	56	60	60	61	69	70	62	65	72	70	68	68	68	64.2
Warren	Maximum	93	95	94	91	90	89	90	87	85	86	86	93	91	80	76	85	91	92	91	93	92	90	85	85	92	94	95	97	96	92	89.9
	Minimum	66	69	69	67	72	70	71	69	71	70	71	69	75	64	63	65	69	67	70	73	72	70	70	61	66	74	71	72	71	72	69.3
White Rock	Maximum	84	86	82	81	83	80	81	82	81	77	79	83	79	71	65	76	73	80	84	82	83	79	78	69	82	85	85	87	87	83	80.2
	Minimum	68	69	70	65	68	69	58	66	64	65	63	67	60	47	53	52	60	64	69	60	61	63	59	57	61	69	66	69	64	63	63.0
Wilson	Maximum	92	96	94	92	94	92	88	94	86	86	88	88	85	82	78	76	86	89	93	94	92	86	86	86	90	89	97	93	90	94	89.2
	Minimum	65	67	68	70	71	71	68	68	70	71	72	69	65	56	68	59	58	63	73	75	71	71	66	57	60	72	70	73	72	69	67.6
Wright	Maximum	93	93	94	93	91	88	86	86	86	84	87	92	89	86	72	79	85	89	89	90	87	87	86	83	91	92	91	94	94	92	88.4
	Minimum	65	67	66	66	70	68	67	70	68	69	69	68	67	59	60	62	65	62	70	69	69	68	69	59	60	71	68	69	71	68	66.6
Wynne	Maximum	93	95	93	94	93	91	90	93	88	86	89	92	87	74	71	78	83	90	92	92	88	90	82	83	91	94	95	96	96	94	89.1
	Minimum	62	65	66	61	68	69	67	68	69	70	69	68	68	57	57	61	57	62	71	70	69	67	68	55	61	71	69	70	70	66	65.7

Daily River Stages for June, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	8.7	7.8	7.7	7.2	7.0	6.8	6.8	6.9	9.2	9.0	11.8	15.3	16.6	17.5	17.6	16.8	16.7	14.4	14.3	15.2	14.1	16.8	22.3	25.3	25.9	26.8	26.7	24.0	22.8	21.6
Van Buren	do	22	8.0	7.6	7.4	7.0	6.7	6.6	6.6	6.6	9.0	9.2	11.7	16.3	17.6	18.2	18.5	17.7	17.6	15.4	15.0	16.0	14.6	17.4	21.9	24.7	25.3	26.0	26.1	23.8	22.6	21.7
Danville	Petit Jean	20	4.0	3.9	3.8	3.4	3.3	3.3	2.2	3.2	3.1	3.2	3.9	4.1	4.1	5.0	11.8	6.8	5.7	7.0	8.3	6.3	5.3	4.2	4.0	3.6	3.5	3.3	3.2	3.1	3.0	3.1
Ozark	Arkansas	22	4.3	4.0	3.7	3.4	3.0	2.9	2.7	2.5	3.1	5.3	5.3	10.9	13.3	13.4	14.4	14.7	13.2	12.5	10.0	11.5	10.3	12.0	15.7	20.0	21.2	22.2	21.6	21.1	18.9	18.1
Dardanelle	do.	22	7.4	7.0	6.7	6.4	6.1	5.7	5.6	5.4	5.3	6.2	8.2	9.5	14.5	15.9	16.3	16.5	15.7	15.6	14.1	13.1	14.2	13.0	15.5	20.0	22.2	22.9	23.4	23.5	21.9	20.6
Morrilton	do.	20	3.8	3.4	3.0	2.6	2.2	1.8	1.5	1.2	1.1	1.2	3.7	4.6	9.8	12.1	12.8	13.4	12.7	12.3	11.7	9.6	10.7	9.0	11.0	15.3	18.1	19.0	19.6	20.0	19.0	17.7
Little Rock	do.	23	5.5	5.2	4.8	4.5	4.2	4.0	3.7	3.5	3.3	3.2	3.4	5.1	6.5	10.9	13.6	13.4	13.5	12.8	12.6	11.2	10.3	11.0	10.3	12.7	17.4	19.3	20.0	20.6	20.3	18.9
Pine Bluff	do.	25	10.2	9.7	9.4	9.0	8.7	8.4	8.0	7.7	7.5	7.3	7.2	7.8	9.3	12.2	15.9	17.0	17.6	17.4	16.8	16.4	15.8	15.0	15.2	15.2	19.2	21.9	22.9	23.5	23.6	23.0
Gilbert	Buffalo	30	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.7	3.7	3.9	4.1	4.2	4.5	4.4	4.4	4.4	4.2	4.3	4.2	4.0	4.4	4.3	4.0	3.8	3.7	3.6	3.6	3.5	3.5	3.5
Black Rock	Black	14	12.8	17.6	15.6	12.3	10.1	8.6	7.9	7.3	7.2	7.8	8.4	8.2	9.2	9.1	9.1	9.3	9.6	9.6	10.0	10.4	11.0	11.3	11.2	10.5	9.7	8.8	9.3	8.9	8.0	7.5
Heber Springs	Little Red	30	4.6	4.4	4.2	4.0	4.0	3.8	3.9	3.7	3.7	3.7	3.8	4.4	4.7	4.5	4.3	4.1	4.0	4.3	4.0	4.2	4.1	3.7	3.7	3.6	3.6	3.4	3.3	3.2	3.1	3.0
Ozark Beach Mo	White	30	-0.6	0.8	0.7	0.8	-0.6	-0.6	-0.6	0.1	0.8	1.5	1.4	2.5	3.7	5.2	5.3	4.8	4.6	4.6	6.8	7.9	5.9	4.9	4.6	3.0	1.8	0.8	0.3	0.6	0.4	0.8
Cotter	do	21	4.3	4.4	4.0	3.8	3.6	3.5	2.6	2.3	3.8	3.9	3.9	5.0	5.2	5.1	5.0	6.4	6.5	5.6	8.5	7.9	7.2	6.9	6.2	5.5	5.1	4.3	4.2	4.2	3.8	3.7
Calico Rock	do	18	3.5	3.6	3.3	3.1	3.0	2.7	2.6	2.5	2.6	3.0	3.8	3.8	5.0	5.2	5.5	5.9	5.4	5.0	8.0	7.4	8.7	7.0	5.8	5.1	4.7	4.2	3.8	3.2	3.0	2.7
Batesville	do	23	8.5	8.4	8.1	8.0	7.8	7.4	6.9	6.7	6.6	7.0	7.3	8.2	9.0	9.7	9.6	10.2	10.5	10.0	10.5	13.4	12.6	13.3	11.6	10.2	9.5	9.0	8.4	8.1	7.7	7.5
Newport	do	26	8.0	8.3	9.5	11.2	10.5	9.9	8.5	7.2	6.3	6.0	6.4	6.9	7.5	8.9	9.7	9.9	10.3	10.7	10.4	12.0	13.3	14.4	14.3	13.4	12.1	10.9	9.8	8.1	8.0	6.4
Georgetown	do	21	13.9	12.9	12.2	12.3	12.6	12.7	12.5	11.8	10.9	9.9	9.3	9.0	9.2	9.8	10.5	11.3	11.7	12.3	12.6	12.7	13.3	14.2	14.8	15.0	15.0	14.6	13.9	13.3	12.3	11.5
Des Arc	do	24	17.4	16.5	15.6	15.0	15.0	15.1	15.1	14.7	14.0	13.2	12.4	11.9	11.7	11.9	12.5	13.2	13.7	14.1	14.6	14.8	15.1	15.7	16.2	16.7	16.9	16.8	16.6	16.0	15.4	14.7
Clarendon	do	26	23.5	22.9	22.4	21.8	21.3	20.8	20.5	20.3	20.0	19.5	18.9	18.2	17.4	17.0	16.8	17.2	17.6	18.0	18.4	18.7	18.9	19.2	19.5	19.9	20.3	20.7	20.9	20.9	20.8	20.6
St. Charles	do	25	23.6	23.4	23.2	23.0	22.7	22.2	21.8	21.4	21.0	20.7	20.0	19.3	18.4	17.6	17.1	17.0	17.0	17.3	17.7	18.0	18.2	18.5	18.8	19.1	19.4	19.7	20.0	20.4	20.6	20.8
Glenwood	Caddo	..	5.4	5.4	5.4	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.6	5.4	5.6	6.4	6.1	6.4	6.1	6.0	5.8	5.7	5.7	6.2	5.9	5.8	5.7	5.6	5.6	5.6	5.5	5.5
Arkadelphia	Ouachita	17	4.6	6.5	6.4	6.2	5.2	4.5	5.0	4.3	5.1	4.5	4.6	4.2	4.4	7.8	6.2	8.3	8.3	7.8	7.7	7.4	7.2	5.1	6.5	7.4	7.4	6.3	6.6	5.4	4.8	5.7
Boughton	Little Mo.	20	4.8	4.7	4.6	4.4	4.4	4.3	4.2	4.1	4.3	4.7	5.0	5.2	5.0	14.0	17.9	16.5	15.2	12.8	9.5	7.8	6.9	6.3	6.3	7.2	6.4	5.7	5.5	5.2	5.0	5.0
Camden	Ouachita	26	7.1	6.4	5.8	6.5	6.4	5.9	5.2	5.2	5.1	5.1	5.4	5.2	5.2	6.6	12.4	19.2	21.2	21.9	21.3	20.3	18.2	14.7	11.8	10.7	10.0	10.0	8.8	7.6	6.9	6.5
Benton	Saline	20	5.0	4.9	4.8	4.7	4.6	4.5	4.5	4.4	4.4	4.9	6.2	6.5	6.2	7.7	7.4	7.5	7.3	7.4	7.3	7.3	7.3	7.2	6.6	6.5	7.0	5.6	5.5	5.4	5.3	4.8
Index	Red	25	10.0	9.8	9.6	9.6	10.0	10.0	9.8	9.8	9.7	11.4	12.0	19.2	20.0	18.7	17.8	17.1	17.5	18.0	17.6	16.5	15.5	12.8	11.8	11.2	10.5	15.0	16.1	16.5	17.0	16.0
Fulton	do	25	10.2	9.8	9.3	9.1	9.5	9.4	9.3	9.0	8.0	10.4	10.6	16.3	18.1	19.1	18.2	17.6	17.6	18.2	18.0	17.4	15.5	13.6	12.2	11.4	11.3	13.7	14.1	15.6	15.1	15.0
Big Lake Outlet	St. Francis	10	5.2	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.7	4.9	4.9	5.0	5.4	5.8	5.9	6.5	5.8	6.4	6.7	6.9	6.9	6.8	6.7	6.5	6.3	6.2	6.1	5.9	5.8	5.6
St. Francis	do	18	11.9	12.3	12.5	12.0	11.6	11.1	10.6	10.5	10.3	11.3	11.1	9.9	10.4	10.7	11.4	12.9	14.1	15.1	15.6	16.2	16.5	16.8	16.9	16.9	16.8	16.7	16.3	15.9	15.2	13.3
St. Francis L.L.	do	..	18.8	18.7	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.7	18.9	19.1	19.3	19.4	19.6	19.8	20.0	20.0	20.1	20.1	20.1	20.0	20.0	20.0	19.9	19.9	20.0	20.1	20.1
Marked Tree	do	17	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.5	6.7	6.7	6.9	7.1	7.2	7.2	7.4	7.5	7.5	7.5	7.5	7.4	7.3	7.3	7.1	7.1	7.1	7.1
Parkin	do	28	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.7	5.8	6.0	6.2	6.3	6.6	6.8	6.9	6.8	7.0	7.1	7.3	7.3	7.2	7.2	7.1	7.0	7.0	6.9	7.0
Madison	do	32	6.0	6.2	6.6	6.9	6.8	6.4	5.7	5.0	4.5	4.5	4.4	4.3	4.2	4.7	5.2	5.6	6.0	6.3	6.3	6.6	7.0	7.4	7.6	7.7	8.0	8.6	9.1	9.8	10.3	11.0
Helena	Mississippi	42	24.1	25.0	25.8	26.1	25.8	25.1	23.8	21.6	19.0	17.3	16.5	16.5	17.1	18.0	18.5	19.7	20.9	22.0	23.9	24.7	25.2	25.6	25.9	26.5	27.5	[illegible]	28.8	29.4	30.1	30.8
Arkansas City	do	42	21.6	21.4	21.8	22.1	22.3	22.2	21.8	20.9	19.4	17.5	16.1	15.0	14.5	14.7	15.4	17.1	18.3	19.5	20.4	21.0	21.6	21.9	22.2	22.6	22.8	23.8	25.3	26.6	27.6	28.4

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters a, b, c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Corley, Paris; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Hon, Waldron; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVII Little Rock, Ark., July, 1942 No. 7

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The average temperature for this section was 81.1°, which is 0.6 ° above the average for the past 52 years. The highest temperature reported was 105° at Conway on the 31st; the lowest 53° at Gravette on the 23d, and at Russellville on the 28th. High temperature occurred on the 14th, 15th and 16th, and again on the 29th, 30th and 31st. Cool periods occurred the first of the month and again on the 23d and 24th, with most of the minima occurring on the 2d or 23d. The highest monthly mean, 84.6° was recorded at Pine Bluff, but the greatest departure from the normal, +2.6° occurred at Batesville.

The average precipitation from 111 stations was 1.39 inches or 2.38 inches below the average for the past 52 years. This is the least average precipitation for July since 1930. Monthly amounts ranged from 6.60 inches at Heber Springs to none at Index. The rainfall was local shower type with nearby stations varying greatly in amounts with no section indicating a general heavy rain. However, most stations reported rainfall in the period 10th and 11th, and 20th to 22d. Most rainfall was in connection with thunderstorms and many stations reported thunderstorms without precipitation at the station.

The average number of rainy days was 3; clear 17; partly cloudy 11; cloudy 3. Sunshine averaged 84% of the possible amount.

The Arkansas continued to fall throughout the month after being near flood stage the first of the month. All other rivers fell slowly except for slight rises following rainy periods occurring on the 10th and 11th, and the 20th to 22d.

The warm dry weather of July was favorable to most crops. Cultivation and growth of cotton progressed and insect damage was slight due to dry weather. Late corn suffered from lack of rain. Favorable weather prevailed throughout the month for harvesting and threshing small grains, which made excellent yields. Melons and other truck crops were not damaged greatly by the dry weather, but the gardens were deteriorating rapidly by the end of the month. Apples and grapes were needing rain. Peaches are mostly harvested and a good crop was produced. Pastures suffered some from lack of rain and hot weather, but timely light rains during the month kept them in fair condition. Stock water has become scarce in some localities. Haying progressed under excellent conditions. The month was mostly too dry for any except shallow cultivation.

R.L.R.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville	30.03	30.18	27	29.83	29	8.2	15	sw.	30	..	..	..	80
Fort Smith	30.00	30.15	14	29.84	9	5.8	27	ne.	10	..	..	..	87
Little Rock	30.04	30.19	13	29.89	16	7.9	24	nw.	20	86	50	53	82
Memphis .	30.02	30.20	13	29 89	16	7.7	22	sw.	10	85	55	56	85

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog	1	..	..	1	2	1	..	..	..	1	..	..	..	..	..	..	..	..	..	.	..	..	.		..	1	1	..	..	..	..
High winds	1	..	..	..	..	..	..	..	.	3	2	.	..	..	1	1	1		..	.	.	..	..	..		.	..	..	..	..	..
Hail	.	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.		..	..	..	..
Thunderstorms	..	7	..	3	1	..	1	.	1	16	22	2	..	..	9	10	6	2	.	27	27	3	..	..	3	18	17	10	10	1	11

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	6	17	9	5
1895	78.9	104	55	7.34	0	12	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82.0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	42	3.55	0	8	17	9	5
1927	79 6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	48	6.00	0	11	12	11	8
1932	82 5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2 32	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
1938	82.0	109	59	3.74	0	7	14	11	6
1939	82.0	110	55	3 34	0	7	19	8	4
1940	78.4	103	48	4.14	0	8	13	9	9
1941	81.2	105	53	4.82	0	9	13	12	6
1942	81.1	105	53	1.39	0	3	17	11	3
Period	80.5	116	40	3.77	0	7	15	11	5

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Climatological Data for July, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline	755	5	80.6	......	100	15	59	2	0.45	......	0.19	21	0.0	8	14	11	6	e.	L. R. Water Works
Arkadelphia	Clark	200	46	79.4	......	94	3§	60	2	0.92	−2.77	0.71	1	0.0	3	22	8	1	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	57	......	......	......	......	......	......	0.25	−3.39	0.25	17	0.0	1	22	3	6	......	George W. Reitzammer
Batesville Airway	Independence	363	5	82.4	+ 2.6	104^{a}	16	61	2§	1.17	......	0.42	20	0.0	4	14	13	4	sw.	Airway Observer
Batesville Livestk.	Independence	....	1	80.5	......	99	15§	59	3§	2.35	......	1.31	21	0.0	4	26	5	0	sw.	Experiment Farm
Batesville River	Independence	277	42	......	......	......	......	......	......	1.91	−1.91	0.62	22	0.0	6	21	7	3	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	49	80.0	− 0.6	102	15	57	2	0.43	−2.98	0.18	21	0.0	4	12	17	2	w.	Minnie Scanlan
Benton	Saline	285	6	79.5	......	100	15§	58	2§	0.47	......	0.27	1	0.0	4	27	3	1	sw.	S. A. Burks
Bentonville	Benton	1295	36	78.0	+ 0.6	96	11	56	23	0.82	−3.52	0.40	20	0.0	3	10	21	0	sw.	U. S. Weather Bureau
Bethesda.........†	Independence	500	2	79.8	......	99	29	59	3§	2.13	......	1.34	21	0.0	4	25	6	0	sw.	Soil Conservation Ser.
Big Lake Outlet..†	Mississippi	239	11	......	......	......	......	......	......	1.28	......	0.93	21	0.0	2	23	4	4	......	C. J. Brooks
Black Rock	Lawrence	259	40	......	......	......	......	......	......	1.29	−2.45	0.96	21	0.0	4	23	5	3	......	Vernon C. Howe
Bluff City	Nevada	....	1	82.4^{g}	......	100	14§	......	......	0.54	......	0.29	17	0.0	2	22	8	1	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	16	82.4	+ 0.4	100	13§	63	2	0.90	−2.32	0.90	21	0.0	1	23	8	0	s.	Maureen K. Norris
Booneville (near)	Logan	465	27	81.4	− 0.6	101	31	58	2	1.09	−2.46	0.86	10	0.0	5	14	14	3	s.	F. H. Randolph
Boughton........†	Clark	235	6	......	......	......	......	......	......	0.51	......	0.19	1	0.0	5	17	13	1	......	Ruby A. Buie
Brinkley	Monroe	205	56	81.8	+ 0.7	100	16§	61	2§	1.62	− 2.66	1.45	21	0.0	3	10	16	5	sw.	R. J. Torry
Calico Rock	Izard	361	37	......	......	......	......	......	......	0.94	−2.00	0.58	21	0.0	7	13	3	10	......	William Jones
Camden	Ouachita	116	56	82.4	+ 1.2	101	29	62	2	0.30	−3.71	0.13	22	0.0	4	9	22	0	s.	J. M. Knight
Camp Robinson	Pulaski	463	1	82.3	......	101	14§	59	23	0.24	......	0.16	20	0.0	3	11	19	1	sw.	U. S. Army
Clarendon	Monroe	172	37	......	......	......	......	......	......	1.08	−2.51	0.81	12	0.0	3	22	7	2	......	R. M. Wheatley
Clover Bend	Lawrence	235	3	80.4	......	101	15	59	2§	3.68	......	3.07	21	0.0	2	26	5	0	s.	Farm Security Adm.
Conway	Faulkner	309	58	83.4	+ 1.4	105	31	62	2	0.19	−3.35	0.07	21	0.0	4	21	7	3	s.	E. E. Cordrey
Corning	Clay	293	48	82.3	+ 2.5	101	16	57	24	0.96	−2.44	0.39	28	0.0	5	21	7	3	sw.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	1.65	−1.45	0.59	9	0.0	5	23	8	0	......	O. B. McSpadden
Crossett (near)	Ashley	175	29	82.4	0.0	98	14§	58	24	1.63	−2.82	0.85	22	0.0	6	21	5	5	s.	U. S. Forest Service
Danville	Yell	327	25	......	......	......	......	......	......	3.02	−0.44	1.16	21	0.0	5	11	19	1	......	J. M. Patterson
Dardanelle	Yell	330	55	82.3	+ 0.3	103	16	58	2	1.50	−1.59	0.49	21	0.0	6	4	23	4	s.	Geo. N. Goodier
DeQueen	Sevier	426	6	80.4	......	99	15	61	2	0.85	......	0.71	21	0.0	2	14	17	0	s.	L. D. McCown
Des Arc	Prairie	204	3	82.2	......	102	29	60	24	0.87	......	0.45	1	0.0	4	9	7	15	sw.	Z. R. Glenn
Devils Knob......†	Johnson	2350	5	77.8	......	94	29§	60	2	1.51	......	1.10	11	0.0	3	23	5	3	sw.	U. S. Forest Service
Dumas	Desha	162	36	84.0	+ 1.7	103	31	59	24	0.46	−4.15	0.21	22	0.0	3	5	24	2	sw.	Ben Johnson
El Dorado	Union	270	41	83.0	+ 0.6	100	14§	64	2§	0.78	−3.26	0.62	21	0.0	3	25	5	1	s.	Mrs. E. W. Gaston
England	Lonoke	229	35	82.1	+ 0.5	101	16§	60	2§	2.07	−1.22	0.78	1	0.0	3	0	21	10	sw.	O. V. Halbrook
Eureka Springs	Carroll	1465	41	79.9	+ 1.3	95	16§	60	2	3.16	−1.14	1.34	10	0.0	5	26	4	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	4	78.6	......	96	16§	57	2	2.68	......	1.65	26	0.0	5	5	19	7	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	54	78.6	+ 0.2	95	16§	56	23	2.10	−1.81	1.27	26	0.0	5	21	9	1	sw.	University of Arkansas
Fordyce	Dallas	280	1	82.1^{c}	......	101^{d}	14§	61^{e}	1	0.96	......	0.70	16	0.0	5	20^{c}	8^{e}	0^{e}	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	60	82.4	+ 0.9	100	16	64	2	1.79	−1.58	0.94	11	0.0	4	18	10	3	e.	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	4	......	......	......	......	......	......	3.17	......	1.51	1	0.0	5	17	9	5	......	Ft. Smith Water Plant
Fulton	Hempstead	260	56	......	......	......	......	......	......	0.22	−3.53	0.22	22	0.0	1	20	5	6	......	T. J. Logan
Georgetown	White	200	29	......	......	......	......	......	......	0.10	−3.26	0.10	22	0.0	1	24	1	6	......	C. G. Long
Gilbert	Searcy	600	16	79.6	......	102	16	61	25§	1.87	−1.62	0.98	21	0.0	3	27	2	2	......	F. E. King
Glenwood	Pike	547	6	......	......	......	......	......	......	1.54	......	0.73	1	0.0	5	21	1	9	......	Chas. A. Price
Grannis	Polk	950	22	79.7	+ 0.3	98	15§	59	2§	3.66	−2.59	2.16	10	0.0	4	15	12	4	sw.	W. E. McVay
Gravette	Benton	1250	44	78.4	+ 0.6	98	31	53	23	0.78	−3.39	0.67	10	0.0	3	30	1	0	sw.	Julius A. Schmidt
Green Mountain..†	Stone	1100	4	80.9	......	99	15§	61	1	1.21	......	0.68	20	0.0	3	21	9	1	sw.	U. S. Forest Service
Harrison	Boone	1052	41	79.5	+ 2.1	100	30§	56	2	1.34	−2.77	1.02	10	0.0	4	18	13	0	s.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	6.60	......	3.94	12	0.0	7	23	4	4	......	Lester B. Logan
Helena	Phillips	300	69	81.5	− 0.1	99	16	65	23§	0.51	−3.19	0.44	17	0.0	4	7	22	2	sw.	James A. Burnett
Highland	Pike	491	22	......	......	......	......	......	......	0.55	......	0.55	22	0.0	1	......	......	......	......	Clyde Cooley
Hope (near).....‡‡	Hempstead	375	71	81.4	− 0.4	102	15	59	5	1.30	−3.06	1.30	22	0.0	1	13	18	0	sw.	Experiment Farm
Hot Springs	Garland	600	50	82.4	+ 0.6	103	15§	64	3	1.27	−3.33	0.61	28	0.0	7	17	12	2	s.	National Park Service
Index.........†	Little River	275	24	......	......	......	......	......	......	0.00	−3.34	0.00	0	0.0	0	29	2	0	......	W. E. McDowell
Irons Fork.....†‡‡	Polk	1385	3	76.0	......	96	31	52	2	3.93	......	1.43	21	0.0	6	23	5	3	s.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	1.27	−2.17	0.68	22	0.0	4	6	22	3	sw.	U. S. Forest Service
Jonesboro	Craighead	345	46	82.4	+ 1.8	100	14§	63	2	1.45	−1.84	1.12	22	0.0	3	4	21	6	sw.	Benedictine Sisters
Lead Hill	Boone	650	35	79.5	− 0.7	102	30	56	2	1.38	−2.07	0.60	10	0.0	4	23	7	1	sw.	J. R. Crosswhite
Little Rock Airport	Pulaski	275	62	82.6	+ 1.7	101	16	64	25	0.86	−2.64	0.61	20	0.0	3	13	13	5	sw.	U. S. Weather Bureau
Lutherville.......†	Johnson	775	43	79.9	− 0.2	102	31	59	2	0.95	−2.80	0.42	11	0.0	4	19	10	2	s.	Clarence Lenhardt
Madison	St. Francis	209	11	......	......	......	......	......	......	0.60	−5.12	0.60	22	0.0	1	11	2	18	......	J. W. Eppes
Magnolia	Columbia	315	25	82.8	+ 0.2	103	20	60	1	0.52	−2.94	0.26	17	0.0	4	1	28	2	sw.	State Agri. School
Mammoth Spring	Fulton	600	37	81.0	+ 2.4	100	15§	57	2§	1.96	−1.86	0.98	21	0.0	4	19	12	0	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	30	81.6	+ 0.4	99	20§	60	23§	2.15	−1.32	1.50	11	0.0	3	10	20	1	sw.	Cotton Exp. Station
Marked Tree	Poinsett	229	37	81.7	+ 0.6	100	16	62	3	1.26	−2.24	0.80	22	0.0	2	17	13	1	......	Charles Walton
Mena	Polk	1207	53	80.2	0.0	101	31	58	2	3.33	−0.47	1.64	1	0.0	5	18	11	2	sw.	E. W. St. John
Monticello Airway	Drew	273	1	82.8	......	102	15	63	2§	1.29	......	1.05	21	0.0	4	13	14	4	sw.	Airway Observer
Morrilton........†	Conway	315	25	81.1	− 1.8	101	16§	59	2	1.14	−1.56	0.30	1	0.0	5	11	14	6	sw.	Mrs. Nova Berry
Mountainburg	Crawford	712	4	......	......	......	......	......	......	2.02	......	0.75	11	0.0	3	16	12	3	sw.	C. A. Lovell
Mountain Home .†	Baxter	800	29	79.4	+ 0.2	101	29	56	3	1.20	−2.64	1.00	10	0.0	3	17	9	5	sw.	H. N. Haibert
Mountain Valley	Garland	788	4	......	......	......	......	......	......	0.42	......	0.27	21	0.0	2	11	18	2	w.	C. A. Cockman
Mount Ida	Montgomery	702	42	79.2	− 0.8	100	15§	54	2	1.91	−1.82	1.55	21	0.0	2	16	12	3	w.	J. S. Whittington
Mt. Ida CCC	Montgomery	750	2	......	......	......	......	......	......	1.59	......	1.28	21	0.0	2	..	..	..	......	U. S. Forest Service
Mulberry (near)..†	Franklin	433	3	......	......	......	......	......	......	2.15	......	1.06	1	0.0	4	22	3	6	......	Clifton Ward
Nashville	Howard	350	3	81.8^{a}	......	104^{a}	16	64^{a}	2	1.08	......	1.08	22	0.0	1	25^{a}	5^{a}	0^{a}	sw.	Brice Carruth
Newport	Jackson	231	58	82.2	+ 0.9	101	31	62	2	1.88	−1.21	0.96	21	0.0	5	20	9	2	n.	J. D. Henderson
Oden	Montgomery	800	14	79.6	......	99	31	59	3	2.27	−1.04	1.19	21	0.0	2	12	19	0	......	U. S. Forest Service
Okay	Howard	288	13	82.4	− 0.5	102	19	62	3	1.81	−2.18	1.30	27	0.0	3	15	15	1	s.	Charles R. Jackson
Osceola	Mississippi	250	41	......	......	......	......	......	......	2.79	−0.68	1.02	28	0.0	5	20	9	2	......	G. H. Banks
Ozark	Franklin	396	46	81.4	− 0.7	101	16	60	2	3.13	−0.06	0.98	1	0.0	8	15	7	9	se.	Orkney O. Milton
Paragould	Greene	275	18	81.4	......	99	14	61	3	1.31	−1.77	0.70	21	0.0	3	26	5	0	sw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	0.62	−3.14	0.62	22	0.0	1	22	3	6	......	Carroll King
Perryville	Perry	325	2	80.8	+ 1.0	102	29§	58	2	0.81	−3.44	0.58	21	0.0	3	12	19	0	sw.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	54	84.6	+ 2.2	104	15§	63	24	0.15	−3.41	0.13	12	0.0	2	16	15	0	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	2.70	−0.93	1.50	22	0.0	2	20	6	5	sw.	J. R. Huddleston
Pocahontas	Randolph	300	48	82.2	+ 1.8	101	15§	60	24	1.43	−2.68	0.80	21	0.0	3	20	8	3	sw.	Benedictine Sisters
Portland	Ashley	122	35	82.9	+ 1.1	100	14	63	3	2.56	−1.54	0.86	16	0.0	5	16	10	5	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	83.2	+ 1.1	102	15	64	2	1.79	−2.20	0.74	1	0.0	4	18	11	2	sw.	W. R. Hambright
Rogers	Benton	1300	51	78.1	+ 0.5	97	31	56	23	1.22	−3.22	0.82	11	0.0	3	18	12	1	w.	Howard Fowler
Rosebud	Faulkner	680	7	......	......	......	......	......	......	1.10	......	0.86	31	0.0	3	22	7	2	sw.	G. A. Maddox
Russellville .....‡‡	Pope	526	29	82.4	+ 1.2	102	31	53	28	1.10	−3.17	0.75	21	0.0	3	18	11	2	sw.	U. S. Forest Service
St. Charles	Arkansas	175	8	81.8	......	100	15	60	24	1.91	......	1.78	16	0.0	4	14	11	6	s.	U. S. Biological Survey
St. Francis	Clay	290	14	......	......	......	......	......	......	2.20	−2.12	1.95	28	0.0	5	19	2	10	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	81.6	+ 0.6	101	16	61	24	0.28	−2.63	0.13	22	0.0	3	22	6	3	sw.	Walter A. Smith
Sheridan	Grant	....	1	80.3	......	100	15§	58	2	0.03	......	0.03	11	0.0	1	3	28	0	sw.	Ark. Forestry Com.
Siloam Springs	Benton	....	1	76.6	......	96	31	54	2§	0.30	......	0.30	11	0.0	1	21	10	0	sw.	Frank A. Treadwell
Springbank......†	Miller	240	32	......	......	......	......	......	......	1.06	−3.14	0.93	22	0.0	2	18	8	5	......	Henry Field
Story	Montgomery	650	17	......	......	......	......	......	......	1.60	−2.10	0.86	22	0.0	3	24	3	4	s.	S. C. Story
Stuttgart	Arkansas	214	54	81.6	+ 0.4	101	31	63	2§	2.13	−1.31	1.58	1	0.0	3	25	6	0	sw.	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas	198	6	80.2	......	99	14§	62	2§	0.59	......	0.27	22	0.0	3	......	......	......	......	Rice Experiment Sta

Climatological Data for July, 1942 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	83.4[h]	+ 1.4	103	16	61[d]	2	0.58	−2 79	0.45	10	0.0	4	11	17	3	sw.	New Subiaco Abbey
Texarkana	Miller	332	57	83.2	+ 0 7	101	29§	66	2§	0.70	−3.46	0.70	1	0.0	1	22	7	2	s.	H. S. Brashear
Turnpike †	Pope	2240	17	77.4	......	94	20	62	3	1.99	−1.74	1.72	11	0.0	4	18	7	6	sw.	U. S. Forest Service
Wabash	Phillips	179	2	81.0	......	99	16	57	24	0.69	......	0.66	1	0.0	2	0	31	0	s.	Farm Security Adm.
Waldron	Scott	675	22	80.0	.. ...	103	31	56	2	2.61	−1.07	1.51	21	0.0	2	6	23	2	se.	Lavon Shoptaw
Warren	Bradley	206	47	83.3	+ 0.9	101	15§	63	24	0.21	−3.56	0.10	22	0.0	3	0	11	20	sw.	C. N. Turner
Whitecliffs	Little River	290	35	....	.. ...	......	......	.....	......	T	−3.05	T.	18	0.0	0	28	0	3	......	L. M. Snead
White Rock †	Franklin	2285	5	76.1	......	94	31	62	2§	1.10	......	0.51	11	0.0	4	24	5	2	sw.	U. S. Forest Service
Wilson	Mississippi	237	16	81.9	+ 1.1	101	30§	62	2	0.80	−3.22	0.50	21	0.0	2	29	1	1	sw.	D. O. Anderson
Wright	Jefferson	234	2	80.8	.....	98	15§	60	24	0.69	......	0.45	1	0.0	3	16	15	0	sw.	Farm Security Adm.
Wynne	Cross	167	33	81.2	+ 0.1	101	16§	59	2§	1.30	−2.42	1.05	22	0.0	2	22	7	2	s.	B. M. Eddins
State Means		.. .	..	81.1	+ 0.6	105	31	53	23§	1.39	−2.38	3.94	12	0.0	3	17	11	3	sw.	

Daily Precipitation for July, 1942

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott[2]	Arkansas										.20	.84										.28	.15										1.47
Alum Fork Reser.	Ouachita	.04									.05										.05	.19	.02				.04	.02	.04				0.45
Arkadelphia[2]	Ouachita	.71																					.10					.11					0.92
Arkansas City[2]	Mississippi																T.	.25					T.										0.25
Batesville Air'y.[1†]	White		T.								T.	.31							T.		.42	.39					T.	T.	T.			.05	1.17
Batesville Livestk[1]	White	T.		.01							.20		.83									1.31							T.				2.35
Batesville River[2]	White	.57										.02	.27									.20	.62					T.		.23			1.91
Beaty Lake(near)	St. Francis	T.									T.					T.						T.	.51										0.51
Bee Branch	Arkansas	.10																	T.			.18					.05		.10				0.43
Beech Grove(near)	White											.52										82								.19			1.53
Beedeville[2]	White	.01											.12									.07	.36						.48				1.04
Benton[2]	Saline	.27										.05						.10	.05				T.					T.					0 47
Bentonville[1‡]	Arkansas										.28	.14									.40						T.						0.82
Bethesda[1]	White										.21		.55									1.34	.03										2.13
Big Lake Outlet[2]	St. Francis																					.93	.35										1.28
Black Rock[2]	White	T										T	.03									.96	.21					.09				T.	1.29
Blue Mountain[2]	Arkansas				.10					1.10	.10											.30											1.60
Bluff City (near)	Ouachita																	.29									.25						0.54
Blytheville[2]	St Francis																				T.	.90											0.90
Booneville (near)	Arkansas				.01						.86											.16	.02						.04				1.09
Booneville[2]	Arkansas	.33				.27					.45											.12											1.17
Boughton[2]	Ouachita	.19						.03											.08				.15					.06					0.51
Brinkley	White											.13										1.45	.04										1.62
Calico Rock[2]	White	T.		.02								.02	.16							T.		.58	.01					.05		.10			0.94
Camden	Ouachita	.09	.04																				.13					.04					0.30
Camp Chaffee	Arkansas	.65									*	1.21	1.25									T.	.05										3.16
Camp Marion[2]	Arkansas	..										.10																					0.10
Camp Robinson[2]	Arkansas											T.	T				T.				.16	.05					.03	T.					0.24
Carlisle[2]	Arkansas	T.																.03					.90										0.93
Clarendon[2]	White												.81					.23					.04										1.08
Clover Bend	White											T.									.61	3.07											3.68
Cold Springs	Ouachita										*	1.34						.28					.41										2.03
Conway	Arkansas										.06	.02										.07						.04					0.19
Corley[2] (near)	Arkansas																																....
Corning[2]	White											.03	.27									.15								.39	.12		0.96
Cotter[2]	White			.38						.59		.16										T.							.03	.49			1.65
Crossett [near]	Ouachita	.19	.39				T.	.07								.08	T.	.05					.85										1 63
Danville[2]	Arkansas	.51										.42										1.16	.81					.12					3.02
Dardanelle[2]	Arkansas	.04									.24	.30										.49	.38					.05					1.50
Denmark[2]	White	1.51											.38									.98	.23						1.68	.45			5.23
De Queen	Red										.14											.71											0.85
Dermott[2]	Mississippi																.04	.09	T.				.34	.18					.05				0.70
Des Arc[2]	White	.45										T	.20									.13	.09										0.87
Devils Knob	Arkansas										.10	1.10									.31	T.											1.51
Dumas	Mississippi											.20					T.	.05					.21					T.		T.			0.46
Eagle Gap[2]	Arkansas										*	1.66								.11		.53	.16					.04			.08		2.58
El Dorado[2]	Ouachita	.01	.15					T.											T.			.62											0.78
Eleven Point[2]	White										.05	.82							T.			.53	.04					T.	T.				1.44
England	Arkansas	.78										.64										.65											2.07
Eureka Springs	White	.22									1.34	.12									.45						1.03						3.16
Evening Shade[2]	White	T									T.	T.	.39				.01					1.93						.01					2.34
Fayetteville	White	.19									.39	.44									.01				T.		1.65						2.68
Fayetteville Exp. S	White										.26	.52									.02	T.					1.27					.03	2.10
Fordyce	Arkansas	.01										.05					.70	.09					.11										0.96
Forrester[2]	Arkansas										T.	.90										1.40											2.30
Fort Smith[1‡]	Arkansas										.71	.94					T.				.09	.05											1.79
Fort Smith W.[2]	Arkansas	1.51								T.	.15	.34	.69										.48					T.					3.17
Fulton[2]	Red						T.		T.										T.				.22										0.22
Georgetown[2]	White																						10										0.10
Gilbert[2]	White	.22											.67									.98											1.87
Glenwood[2]	Ouachita	.73										.09	.06										.12				.54						1.54
Grannis	Red										2.16								.03		T.	.48						.99					3.66
Gravelly.[2]	Arkansas										.17	.78																					0.95
Gravette	Arkansas										.67	.01										.10											0.78
Green Forest[2]	White										.29	35									1.18	.02					.26						2.10
Green Mountain	White		.03									.50									.68						T.						1.21
Greenwood[2]	Arkansas	.23									.15	.85										.02	.97										2.22
Harrisburg[2]	St. Francis																					.65	.53										1.18
Harrison	White										1.02	.10										18					T.	.04					1.34
Heber Springs[2]	White	.89	.02										3.94							.02		1.52	.05						.16				6.60
Helena[2]	Mississippi	.02	.03															.44					.02										0.51
Henderson[2]	White			.01							.44		.09									.08						.08					0.70
Highland	Ouachita																						.55										0.55
Hon[2] (near)	Arkansas										2.00										1.00												3.00
Hope[7]	Red																						1.30										1.30
Hot Springs	Ouachita										.05							.13			.03	.15					.03	.27	.61				1.27
Huttig[2] (near)	Ouachita	.78	.04				T.	.05									.98		.15				.73										2.73
Index[2]	Red																																0.00
Irons Fork[2]	Ouachita	1.33									.15	.75										1.43	.18								.09		3.93
Jessieville	Ouachita										.24	.26											.68				.09						1.27
Jonesboro[2]	White																					.32	1.12									.01	1.45

Daily Precipitation for July, 1942 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
LaCrosse[2]	White	.33									.07		.31									1.47								.36			2.54
Lake City[2]	St. Francis																					1.35	T.										1.35
Lead Hill	White		.57								.60	.01									.20						T.					T	1.38
Little Rock[1]‡	Arkansas	.23									T.	T									.50	.13						T.	T.			T	0.86
LittleRock Air'y[1]‡	Arkansas	.15									.01	T.							T.	.15	.07						T.	.01	T.			T	0.39
Lutherville	Arkansas									.08	.30	.42										.15											0.95
Madison[2]	St. Francis																						.60										0.60
Magnolia	Red					.10												.26				.04	.12										0.52
Mammoth Spg[2]	White										.07		.21									.98						.70					1.96
Marianna	St. Francis											1.50				.50						.15											2.15
Marked Tree[2]	St. Francis																					.46	.80										1.26
Marshall[2]	White										T.	.82										.60	.06				.48						1.96
Marvell[2]	White		T.														.07	.94															1.01
Mena[2]	Ouachita	1.64										1.09							.40	T		.18									.02		3.33
Mena CCC	Red										2.00							.52				.50											3.02
Monticello Air[1]‡	Ouachita	T.				.04		T.								T.	.14	T				1.05	.06										1.29
Morobay[2] (near)	Ouachita	.04	57					.02									.58		.15				.06								.14		1.56
Morrilton[2]	Arkansas	.30										T.							.28			.22	.06					.28					1.14
Mouutainburg	Arkansas										.58	.75									.69						T.						2 02
Mountain Home	White		T.								1.00	.10									T.											.10	1.20
Mountain Valley	Ouachita										.15											.27											0.42
Mtn. View[2](near)	White										T.	.30	.15									1.55						.03	.10	.20			2.33
Mount Ida	Ouachita										.36						T.					1.55											1.91
Mount Ida CCC	Ouachita										.31											1.28											1.59
Mulberry[2]	Arkansas	1.06									.30	.24	.55																				2.15
Nashville	Red																						1.08										1.08
Newhope(near)[2]	Ouachita																							1.07									1.07
Newport[2]	White	.02											.10									.96	.68							12			1.88
Nimrod	Arkansas	T.									.26										T.	.30	T.									.50	1.06
Odell (near)[2]	Arkansas	.60								T.	.88	.26	.33					.15															2.22
Oden[1]	Ouachita										1.08											1.19											2.27
Okay	Red																		.25				.26					1.30					1.81
Osceola[2]	Mississippi	.38																				.81	.43						1.02	.15			2.79
Ozark[2]	Arkansas:	.98									.36	.97	.28							T.		.09	.03							.30	.12		3.13
Paragould	St. Francis										T.	.20										.70	.41							T			1.31
Parkin[2]	St. Francis																						.62										0.62
Perryville	Arkansas										.12	.11										.58					T	T.	T.				0.81
Pine Bluff[2]	Arkansas	.02										T.	.13																				0 15
Pine Ridge[2]	Ouachita											1.20										•	1.50										2.70
Pocahontas	White											.60									.03	.80											1.43
Portland[2]	Ouachita	.78							.10								.86					T.	.24				.58						2.56
Prescott[2]	Ouachita	.74						.01											.41				.63										1.79
Rogers (near)	White										.33	.82									.07												1.22
Rosebud	Arkansas																				.10	.14										.86	1.10
Russellville	Arkansas										.33	02										.75											1.10
St. Charles[2]	White	.08															1.78	.01					.04										1.91
St. Francis[2]	St. Francis	T.										T.	.02			.03						.12							1.95	.08			2.20
St. Paul[2](near)	White	1.18									.52	.40	.48																				2.58
Searcy[2]	White	.04																	T.			.11	.13										0.28
Sheridan	Ouachita										T.	.03											T.										0.63
Shirley[2](near)	White	.04		.54							.31		.29									.59											1.77
Siloam Springs	White											.30										T.											0.30
Sparkman[2] (near)	Ouachita	.02						T.										.04					.07					.04					0.17
Springbank[2]	Red	.13					T.		T.					T.					T.				.93										1.06
Stamps[2](near)	Red																						.50										0.50
Stephens[2] (near)	Ouachita																						.94										0.94
Story[2]	Ouachita	.06										.58											.86										1.50
Stuttgart[2]	Arkansas	1.58										•	.50										.05										2 13
Stuttgart Evap.[2]	Arkansas	.07											.25										.27										0.59
Subiaco	Arkansas										.45											.09	.01				.03	T.					0 58
Sugar Grove[2]	Arkansas	.10									.96	.36										.35						.08	.25	.35	.21		2 66
Texarkana[2]	Red	.70																	T.														0.70
Tichnor[2]	White																																....
Turnpike	Arkansas						.01				.16	1.72										.10											1.99
Viola	White										.32		.20									.03											0.55
Wabash	Mississippi	.66																					.03										0.69
Waldron	Arkansas										1.10											1.51											2. 61
Walnut Grove(nr)	White	.04									T	.17									.27	.32						.29				.21	1.30
Warren	Ouachita																	.09					.10					.02					0.21
Whitecliffs[2]	Red																		T.														T.
White Rock	Arkansas										.48	.51							.09			.02											1.10
Wilson[2]	Mississippi																					.50	.30										0 80
Wright	Arkansas	.45										.03										T.					.21						0.69
Wynne[2]	St. Francis																						1.05							.25			1.30

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for July, 1942

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda §§	Evap.	.202	.324	.187	.278	.281	.312	.281	.326	.385	.419	....	.308	.256	.257	.431	.210	.319	.362	....	....	.416	.120	.302	.320	.230	.258	.238	.220	.200	.254	.538	8.234
	Mean tem.	77	72	74	76	76	77	80	84	85	80	77	81	85	82	84	85	84	84	85	82	78	78	73	73	74	76	78	80	84	86	84	79.8
	Wind move	55	56	27	27	49	61	67	61	85	86	50	25	45	30	40	30	20	70	80	65	30	27	54	21	22	21	31	36	23	42	77	1413
Hope §§ Exp. Farm	Evap.	.172	.252	.238	.234	.192	.148	.236	.254	.286	.314	.182	.176	.824	.310	.314	.330	.284	.252	.256	.302	.312	.326	.286	.186	.204	.200	.228	.242	.280	.300	.290	8.410
	Mean tem.	78	74	76	72	72	78	79	82	84	82	84	89	86	84	84	85	84	84	85	87	86	80	77	78	78	80	79	82	86	85	86	81.4
	Wind move	37	45	34	64	79	6	7	70	66	69	41	54	37	41	36	32	22	44	51	36	41	34	34	33	4	19	16	21	33	41	52	1199
Irons Fork §§ Exp. Forest	Evap.	.149	.158	.122	.138	.128	.136	.119	.140	.207	.224	.019	.127	.203	.183	.191	.187	.159	.167	.114	.212	.222	.054	.183	.119	.140	.148	.129	.129	.130	.132	.208	4.677
	Mean tem.	73	68	70	72	72	74	75	80	80	70	76	80	78	78	77	78	80	80	82	79	74	76	70	72	72	76	74	77	78	78	82	76.0
	Wind move	4	5	0	1	1	4	7	2	5	4	2	3	3	4	0	1	1	6	7	8	7	1	5	0	1	1	0	0	1	4	7	95
Stuttgart §§ Rice Exp. Farm	Evap.	.222	.242	.209	.212	.200	.169	.239	.241	.294	.301	.189	.116	.238	.280	.282	.269	.287	.306	.250	.288	.309	.177	.068	.269	.243	.239	.230	.210	.260	.278	.295	7.412
	Mean tem.	78	75	76	74	76	78	79	82	78	82	82	82	78	86	86	86	82	82	82	81	82	76	78	76	78	78	81	84	86	80	80	80.2
	Wind move	35	27	18	27	41	60	80	121	65	66	80	21	16	31	27	22	63	26	42	41	40	38	37	28	15	13	27	19	18	33	45	1214

Daily Temperatures for July, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	85	86	88	92	90	86	89	92	94	91	90	94	95	97	99	100	93	93	93	97	86	86	87	90	93	91	95	92	98	97	99	92.2
	Minimum	70	59	61	62	65	71	69	73	74	73	70	71	72	69	69	73	70	74	75	70	71	70	67	62	63	65	67	70	70	73	75	69.1
Arkadelphia §§	Maximum	89	88	94	93	91	90	92	94	89	82	90	89	90	93	94	94	89	89	91	93	84	87	86	87	89	90	91	92	93	92	93	90.3
	Minimum	67	60	62	64	68	67	68	71	70	73	70	72	70	69	68	71	70	74	71	71	74	71	62	62	61	66	67	69	70	71	73	68.5
Batesville ***	Maximum	87	86	91	95	93	89	95	97	99	86	85	97	100	100	102	104	99	96	97	93	..	88	87	91	92	95	97	97	102	103	101	94.8
	Minimum	64	61	62	64	68	70	70	74	76	74	70	71	74	72	74	74	76	76	74	72	71	70	64	61	62	72	66	68	71	76	76	70.1
Bee Branch	Maximum	86	87	88	90	90	87	90	94	94	85	91	93	97	99	102	101	99	93	97	98	96	90	89	91	95	93	95	98	99	100	101	93.8
	Minimum	65	57	59	61	63	67	64	71	67	71	66	67	68	68	69	70	70	74	69	68	69	68	62	59	62	61	64	66	68	63	69	66.0
Benton §§	Maximum	86	92	88	90	86	86	89	91	92	85	93	93	94	99	100	99	93	97	96	96	90	91	88	91	95	94	95	98	99	98	100	93.0
	Minimum	67	58	58	60	62	68	68	69	68	71	68	70	69	66	65	67	71	73	69	68	70	70	60	59	58	59	65	66	67	68	70	66.0
Bentonville ***	Maximum	80	84	84	88	88	86	86	90	93	84	83	89	91	94	94	96	92	89	92	92	84	82	84	86	90	86	92	94	95	95	96	89.0
	Minimum	63	58	62	68	64	68	68	70	73	65	67	70	72	72	66	67	74	72	72	69	68	62	56	63	62	64	62	67	68	75	73	67.1
Bluff City	Maximum	88	90	90	90	89	89	90	93	94	92	94	96	97	100	100	99	95	88	94	97	95	90	90	91	90	93	95	97	98	98	98	93.5
	Miuimum	..	..	..	..	..	..	..	..	..	..	..	..	..	72	73	73	73	73	73	73	74	72	65	65	64	68	68	73	75	75	75	71.3
Blytheville	Maximum	90	87	90	94	93	92	93	95	94	94	92	94	100	100	96	99	97	95	98	97	87	88	86	89	93	90	95	96	99	98	97	93.8
	Miuimum	72	63	64	64	69	70	73	75	75	77	72	70	73	74	73	75	76	73	74	75	70	70	64	64	65	68	72	70	74	75	76	71.1
Booneville (near).	Maximum	87	87	90	93	90	87	91	96	96	94	91	92	96	99	100	100	98	93	99	100	94	91	90	93	96	98	98	100	98	100	101	94.8
	Minimum	66	58	59	64	65	69	65	72	70	67	70	72	73	68	66	68	76	75	73	69	70	68	61	61	62	68	66	68	68	72	76	67.9
Brinkley	Maximum	89	87	90	91	86	87	91	94	94	92	93	95	96	99	99	100	96	94	97	96	89	89	87	90	95	92	94	98	100	97	100	93.5
	Minimum	71	61	61	65	69	69	70	74	73	75	72	71	74	73	74	73	74	71	74	74	70	64	65	61	63	65	70	74	73	74	74	70.0
Camden.	Maximum	89	89	90	92	86	88	89	92	95	91	95	95	97	99	100	100	95	95	96	98	95	90	91	92	97	97	97	98	101	97	99	94.4
	Minimum	68	62	63	65	69	69	70	74	73	76	75	74	74	69	69	71	74	73	73	75	73	73	65	63	63	67	69	71	75	74	74	70.4
Camp Robinson. §§	Maximum	88	87	90	92	88	88	92	94	95	87	93	98	100	101	100	95	95	98	100	89	90	88	90	95	94	94	98	100	99	99	101	94.1
	Minimum	70	72	62	65	70	70	78	74	75	74	70	71	69	75	73	74	75	74	73	71	70	63	59	60	66	68	72	74	77	76	75	70.5
Clover Bend	Maximum	85	92	87	90	92	90	92	93	91	92	93	96	97	99	101	99	97	98	100	95	90	88	88	90	90	92	92	94	98	97	98	93.4
	Minimum	70	59	62	62	62	68	69	70	69	69	68	69	70	72	73	73	72	73	73	70	67	64	63	59	61	59	64	66	69	70	70	67.3
Conway	Maximum	89	89	92	93	91	88	93	96	97	94	92	98	101	102	104	102	98	97	101	103	93	95	92	95	98	97	98	100	104	105	105	96.8
	Minimum	71	62	63	65	67	70	68	74	72	75	71	72	73	71	70	74	74	76	73	71	73	70	64	63	63	66	68	70	71	73	74	69.9
Corning	Maximum	86	88	91	93	93	90	93	96	98	91	92	98	100	100	100	101	98	96	100	95	92	91	89	92	96	94	97	99	96	99	99	94.9
	Miuimum	70	60	62	65	69	70	72	73	76	77	71	70	72	74	74	73	76	74	75	73	70	67	61	57	61	66	67	69	70	72	74	69.7
Crossett	Maximum	87	86	90	87	87	86	87	93	94	94	95	95	96	98	98	95	91	95	95	96	98	98	89	90	94	92	95	96	97	97	98	96.4
	Minimum	67	62	62	66	67	68	69	69	72	74	73	67	68	67	70	67	71	71	70	69	70	70	64	58	62	64	78	78	70	70	70	68.5
Dardanelle	Maximum	90	88	91	94	93	87	93	97	98	97	91	96	98	101	102	103	100	96	100	97	89	90	90	96	94	93	96	99	100	100	102	95.5
	Minimum	69	58	61	66	67	70	69	72	73	68	70	71	74	70	67	69	75	75	73	73	70	69	64	64	64	66	65	70	70	74	75	69.1
De Queen	Maximum	87	85	87	87	82	85	87	90	93	88	92	92	94	98	99	97	92	92	94	95	89	90	89	89	90	92	94	95	98	96	97	91.5
	Minimum	66	61	62	65	69	69	70	70	74	72	72	73	71	68	67	76	74	74	71	71	73	70	63	65	64	67	69	69	69	70	72	69.2
Des Arc	Maximum	88	87	91	93	88	88	91	95	95	95	90	95	98	98	99	100	95	95	98	99	90	88	89	91	94	93	95	99	102	100	101	94.2
	Miuimum	71	61	64	66	69	69	69	74	72	75	72	73	74	71	73	74	74	73	73	74	70	69	64	60	62	67	68	72	73	74	77	70.2
Devils Knob	Maximum	79	76	81	85	85	80	84	86	88	87	84	86	87	89	91	92	86	85	90	93	81	82	82	86	88	88	90	93	94	92	94	86.6
	Minimum	63	60	71	74	68	70	68	66	68	64	65	72	71	72	71	78	78	69	70	70	68	64	64	65	68	70	68	72	72	72	72	69.1
Dumas	Maximum	90	89	92	92	89	90	92	96	98	94	96	98	100	99	102	100	97	99	101	101	96	92	93	95	97	94	98	101	101	102	103	96.4
	Minimum	70	79	64	68	69	72	72	72	74	76	74	72	74	74	75	73	74	72	74	75	73	73	64	59	63	67	70	72	74	72	75	71.5
El Dorado	Maximum	89	89	90	89	86	87	87	94	95	94	96	97	97	100	100	98	94	95	96	95	98	97	96	92	94	94	96	97	98	98	99	94.4
	Minimum	69	64	65	67	68	71	71	73	75	76	77	74	74	75	75	72	74	74	75	74	77	72	66	64	64	70	71	73	72	74	74	71.6
England	Maximum	85	86	91	95	89	92	94	95	95	94	99	96	97	99	98	101	95	95	98	100	91	86	87	90	93	96	98	99	100	99	101	94.6
	Minimum	70	60	64	66	68	69	69	72	72	70	69	70	72	72	72	73	73	73	74	74	69	69	64	60	67	66	67	72	72	74	76	69.6
Eureka Springs	Maximum	81	85	82	88	88	86	86	89	91	88	85	89	90	93	94	95	93	88	91	89	87	86	86	87	91	89	90	91	93	93	95	89.0
	Minimum	68	60	65	73	73	69	73	73	74	73	68	69	75	75	70	72	73	74	74	73	74	63	73	70	74	63	62	74	70	76	71	70.8
Fayetteville.	Maximum	82	86	86	89	87	86	88	91	94	89	85	91	92	95	95	96	93	90	92	93	87	85	86	87	91	88	92	93	95	94	96	90.1
	Minimum	62	57	60	66	67	67	67	72	74	66	67	70	73	71	65	65	74	72	72	72	69	64	58	62	61	64	62	65	70	74	75	67.2
Fayetteville Exp. S	Maximum	82	86	85	90	89	86	89	91	92	91	85	89	91	94	94	95	94	91	92	93	86	85	87	87	90	89	91	92	94	93	95	89.9
	Minimum	62	58	63	67	67	69	67	73	76	66	67	71	74	71	66	66	72	73	74	72	68	62	56	60	59	64	62	65	70	73	75	67.4
Fordyce	Maximum	91	..	91	92	86	89	99	94	94	88	95	95	98	101	101	99	93	92	97	98	93	92	91	92	..	..	97	..	100	97	99	94.6
	Miuimum	61	..	62	66	67	67	70	71	73	74	73	72	72	70	70	72	72	71	72	72	73	72	64	63	66	..	67	..	72	72	72	69.6
Fort Smith ***	Maximum	86	88	89	93	90	86	90	93	95	84	86	92	93	96	98	100	96	93	95	96	84	88	86	90	92	91	95	97	98	97	99	92.1
	Miuimum	70	64	65	70	72	73	72	75	76	68	72	74	76	75	74	74	79	77	79	76	74	72	66	67	70	74	69	72	75	78	78	72.8
Gilbert §§	Maximum	94	93	89	93	92	94	95	96	97	98	88	93	96	99	96	102	101	97	96	95	89	88	87	90	93	92	94	97	97	98	93	94.3
	Miuimum	64	65	63	66	63	63	62	64	65	67	66	65	67	68	66	65	68	69	67	67	63	67	63	62	61	61	63	63	64	67	67	64.9
Grannis	Maximum	87	86	91	93	89	88	92	94	97	85	93	92	94	97	98	97	92	93	94	98	88	87	89	91	91	95	95	96	98	97	98	92.7
	Minimum	66	59	59	62	67	68	66	70	67	68	70	71	69	67	66	67	71	71	70	68	70	67	63	62	61	67	67	67	67	67	69	66.7
Gravette	Maximum	83	84	82	88	86	86	86	89	91	88	85	90	91	93	95	96	94	90	93	91	86	85	87	87	91	88	94	95	97	96	98	89.8
	Minimum	62	57	61	66	65	68	68	71	73	65	68	71	74	72	67	67	72	72	73	71	69	62	53	60	63	63	62	66	69	73	74	67.0
Green Mountain	Maximum	83	85	87	88	89	90	92	92	95	92	88	91	95	96	99	97	99	88	87	88	90	88	87	86	91	90	94	97	96	94	94	91.2
	Minimum	61	63	64	71	76	75	74	70	73	78	68	73	75	80	76	78	75	74	72	72	73	66	64	65	66	65	65	65	71	70	72	70.6
Harrison	Maximum	85	87	88	94	91	90	92	94	96	92	86	92	94	97	98	99	96	92	95	93	90	87	88	92	94	94	94	98	99	100	100	93.1
	Minimum	64	56	57	62	64	64	67	72	71	67	66	69	69	68	64	67	71	72	73	68	68	65	59	61	60	64	60	64	68	71	72	65.9
Helena	Maximum	84	85	88	90	86	86	87	91	92	91	94	93	96	96	97	99	94	91	93	95	93	86	87	89	94	91	91	94	98	95	98	91.7
	Minimum	70	67	66	69	69	70	70	71	74	76	72	73	74	73	74	76	73	72	75	73	72	70	65	65	65	67	71	73	75	75	75	71.3
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope §§	Maximum	89	88	92	90	86	88	88	93	95	90	95	96	98	100	102	100	96	95	98	100	98	91	90	91	92	95	95	97	99	97	98	94.3
	Minimum	67	61	61	65	59	68	68	70	73	75	72	72	73	67	67	70	71	73	72	74	73	69	64	65	64	65	63	68	73	73	73	68.6
Hot Springs	Maximum	88	86	89	87	84	87	89	92	95	90	93	95	96	100	103	103	98	94	98	95	90	92	88	89	95	92	97	91	99	98	98	93.3
	Minimum	68	66	64	69	71	70	71	74	75	65	71	74	75	76	76	75	74	75	76	78	73	70	65	65	66	69	68	72	74	76	76	71.5
Irons Fork §§	Maximum	85	84	86	88	86	83	86	89	90	76	88	90	90	94	95	95	91	88	92	94	83	85	85	87	88	89	89	92	95	94	96	88.8
	Minimum	61	52	54	57	59	65	64	71	71	65	65	70	65	61	59	62	68	72	72	64	66	68	56	57	57	62	60	62	62	63	67	63.1
Jonesboro	Maximum	87	87	90	92	89	86	91	94	95	93	88	95	97	100	97	100	97	94	97	95	88	87	87	86	93	91	95	96	99	98	96	92.9
	Minimum	73	63	64	69	70	71	72	73	76	76	72	70	74	76	76	76	76	73	76	75	70	70	67	65	68	66	70	71	76	76	77	71.8
Lead Hill	Maximum	87	87	87	92	92	90	93	95	97	89	82	93	95	98	99	100	97	93	99	93	91	89	88	91	93	94	96	100	101	102	98	93.6
	Minimum	61	56	58	62	64	63	67	66	69	68	66	68	68	71	74	66	71	72	69	68	69	62	59	60	59	62	59	62	67	71	71	65.4
Little Rock *** (Airport)	Maximum	88	87	90	91	88	89	92	94	95	88	93	95	97	100	101	101	95	93	97	100	88	89	87	89	94	92	93	95	100	98	98	93.5
	Minimum	69	64	65	67	70	71	70	75	74	75	74	72	74	72	75	78	76	75	74	73	73	70	68	64	64	69	71	73	73	75	77	71.6
Lutherville	Maximum	86	86	87	90	89	85	90	93	92	86	90	91	93	94	97	98	93	92	95	96	91	89	89	90	94	93	94	98	98	99	102	92.3
	Minimum	66	59	60	64	65	68	66	70	70	62	67	70	71	69	66	70	73	74	73	70	70	69	64	62	63	65	65	68	70	71	73	67.5
Magnolia	Maximum	90	90	94	90	87	87	87	92	94	92	95	95	97	99	101	100	99	94	102	103	98	93	93	99	99	97	97	99	98	99	98	95.4
	Minimum	60	62	65	67	69	69	71	74	74	73	75	74	70	71	74	75	75	71	73	73	74	71	65	64	63	68	69	73	74	71	73	70.3
Mammoth Spring.	Maximum	85	87	91	94	95	94	94	97	98	95	89	95	98	99	100	100	98	94	100	99	90	88	87	90	94	95	95	97	99	99	98	94.6
	Minimum	66	57	57	63	68	70	70	72	75	71	72	70	69	70	71	72	72	72	71	70	69	58	58	58	59	64	68	68	67	70	70	67.3
Marianna	Maximum	87	87	91	92	89	89	92	94	95	93	94	93	95	96	96	98	96	96	94	99	94	93	88	90	94	90	92	95	99	97	98	93.4
	Minimum	72	62	61	67	67	69	70	73	73	74	70	72	72	73	71	75	75	71	73	72	71	70	60	60	63	65	68	70	73	74	75	69.7
Marked Tree §§	Maximum	88	86	91	92	91	86	91	93	95	92	93	95	97	97	99	100	95	93	97	96	85	86	87	89	94	90	92	95	98	97	99	92.9
	Miuimum	72	63	62	66	69	69	71	73	74	75	70	70	73	75	75	74	76	73	74	74	69	70	66	63	65	67	68	70	73	74	74	70.5
Mena	Maximum	85	86	89	92	88	86	90	94	94	88	94	93	94	97	98	97	93	91	94	98	94	85	88	91	90	93	95	96	96	98	101	92.5
	Minimum	67	58	60	64	69	69	69	72	71	66	71	72	71	71	66	69	71	72	73	71	69	69	61	62	62	67	65	69	69	71	73	68.0
Monticello ***	Maximum	88	87	91	91	88	89	91	96	96	97	97	97	98	101	102	99	93	96	97	100	96	90	91	92	94	92	95	96	99	97	99	94.7
	Miuimum	68	63	64	67	69	69	71	72	74	76	76	74	74	72	74	72	74	72	74	73	70	71	68	63	66	68	71	73	74	73	74	70.9
Morrilton §§	Maximum	89	89	90	92	90	88	92	95	97	82	91	95	98	99	101	101	95	93	97	98	87	90	89	90	94	93	95	97	100	100	100	93.8
	Minimum	69	59	61	64	66	68	69	72	74	75	71	72	72	68	66	67	73	72	74	72	72	68	63	62	61	62	66	67	69	71	76	68.4
Mountain Home	Maximum	86	86	88	92	92	91	92	94	97	91	82	94	96	98	99	100	99	98	98	91	92	90	90	91	95	96	96	98	101	100	96	93.8
	Minimum	62	60	56	62	62	64	65	66	68	68	68	68	68	68	68	70	71	69	70	68	69	64	59	59	59	61	61	61	67	67	70	65.1
Mt. Ida	Maximum	88	86	89	91	88	88	89	92	93	86	93	94	95	97	100	99	94	93	95	99	85	87	89	91	94	94	94	97	100	97	100	92.8
	Minimum	64	54	57	59	61	69	65	74	68	69	69	71	69	64	61	66	69	74	74	66	68	67	58	58	61	65	63	65	66	69	72	65.6
Nashville	Maximum	88	88	89	90	86	88	90	93	95	91	95	95	99	100	101	104	95	94	97	99	96	91	90	90	92	94	95	..	99	98	99	94.0
	Miuimum	65	64	65	66	70	69	69	71	70	70	72	74	70	69	67	67	74	74	72	72	74	69	67	68	66	70	70	..	71	72	73	69.7
Newport	Maximum	88	88	89	92	89	86	93	95	95	90	91	95	97	100	100	100	95	92	99	98	89	88	88	90	92	92	93	97	99	97	101	93.5
	Minimum	72	62	65	65	68	71	70	70	74	76	70	71	73	74	76	74	74	74	75	75	71	70	66	63	64	67	69	72	74	74	75	70.8
Oden ***	Maximum	86	85	88	90	85	85	98	91	93	80	90	91	92	94	96	96	91	90	93	96	87	87	86	88	91	91	93	95	97	96	99	91.0
	Minimum	76	68	59	62	64	70	68	75	71	68	70	72	70	67	66	68	72	75	71	68	68	70	62	61	63	66	65	68	68	71	73	68.2

Daily Temperatures for July, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	93	91	94	93	87	89	89	94	96	93	96	95	98	99	100	100	101	95	102	100	98	93	92	93	94	98	97	98	100	98	98	95.6
	Minimum	67	63	62	67	68	68	67	71	72	75	71	73	71	68	71	70	67	73	72	73	72	70	63	65	64	66	67	71	71	72	73	69.1
Ozark	Maximum	89	89	91	94	90	90	92	95	98	95	90	89	98	95	98	101	97	93	98	98	92	91	90	93	97	95	97	100	99	100	100	94.6
	Minimum	67	60	61	62	67	68	67	69	70	70	68	73	71	70	68	68	75	76	71	70	73	69	62	68	64	68	65	68	68	70	72	68.3
Paragould	Maximum	87	88	89	93	90	88	91	94	95	88	90	95	97	99	96	99	96	94	97	96	89	88	87	89	92	91	94	96	96	96	98	92.8
	Minimum	73	63	61	65	69	71	71	74	76	76	70	69	71	77	74	72	74	72	73	76	69	69	64	62	63	66	68	69	70	71	74	70.1
Perryville	Maximum	89	88	92	94	92	88	93	96	97	92	87	96	99	101	100	101	97	95	100	100	96	91	89	90	94	95	97	98	102	101	102	95.2
	Minimum	68	58	60	62	62	68	67	70	68	70	69	68	69	67	65	70	71	71	70	68	70	67	62	59	59	63	65	65	67	72	70	66.5
Pine Bluff	Maximum	90	91	93	93	93	88	91	95	97	90	97	97	99	101	104	104	98	97	99	102	94	93	93	95	97	99	100	101	103	100	103	96.7
	Minimum	70	65	66	70	70	71	71	73	75	77	75	75	75	74	75	76	76	74	76	76	76	73	69	63	67	70	76	72	76	69	76	72.5
Pocahontas	Maximum	89	87	90	94	92	91	93	95	96	94	92	96	98	98	101	101	100	95	99	98	92	92	90	90	95	94	94	96	98	100	98	94.8
	Minimum	71	62	62	65	67	69	70	73	73	75	70	70	71	74	73	73	75	74	73	74	68	68	65	60	64	64	67	70	70	72	72	69.5
Portland	Maximum	87	85	90	86	86	86	87	91	92	92	94	95	98	100	99	99	92	93	95	97	99	90	90	95	95	91	95	95	97	96	99	93.0
	Minimum	68	66	63	69	69	70	71	71	73	75	74	70	71	75	78	74	76	76	77	77	77	76	72	67	69	72	74	76	77	76	77	72.8
Prescott	Maximum	89	88	91	90	87	88	90	94	95	93	97	97	99	101	102	101	99	96	98	99	97	89	90	92	95	98	97	98	100	100	100	95.2
	Minimum	69	64	65	68	70	69	70	73	74	76	72	74	74	71	72	74	75	73	73	74	75	71	67	66	67	69	69	74	74	73	75	71.3
Rogers	Maximum	89	84	81	89	87	86	88	90	92	85	80	90	91	93	93	95	92	88	92	93	85	83	85	87	91	88	93	95	96	95	97	89.3
	Minimum	61	59	61	66	65	66	67	71	72	66	67	67	71	69	72	67	75	72	72	70	69	62	56	61	61	63	62	66	72	72	75	66.9
Russellville	Maximum	88	88	90	93	93	90	93	97	98	98	90	96	97	98	101	101	100	99	99	98	90	89	89	91	94	95	97	99	100	101	102	95.3
	Minimum	69	59	60	64	65	70	66	82	72	70	70	70	72	69	67	69	74	76	74	70	70	70	63	69	74	77	72	53	70	72	72	69.4
St. Charles §§	Maximum	90	90	91	91	86	89	91	95	96	93	94	96	99	100	98	99	93	93	97	99	90	90	90	92	96	91	93	96	99	98	99	94.0
	Minimum	69	62	62	67	68	69	69	72	74	76	71	70	72	73	72	69	73	71	74	73	71	69	64	60	63	66	70	71	74	73	74	69.7
Searcy	Maximum	86	85	88	90	88	85	90	93	94	90	87	94	96	99	100	101	95	93	97	99	89	90	88	90	94	95	96	97	100	99	98	93.1
	Minimum	72	63	62	65	67	69	68	74	72	75	70	71	73	72	76	77	73	75	72	72	71	69	65	61	63	66	68	70	72	73	75	70.0
Sheridan	Maximum	87	87	92	92	87	87	90	92	93	93	94	94	95	98	100	99	99	92	95	97	99	90	90	89	93	95	97	98	99	98	100	93.6
	Minimum	66	58	61	62	67	67	66	70	69	67	68	71	70	67	69	73	72	71	70	70	70	69	59	59	59	63	65	68	69	70	71	67.0
Siloam Springs	Maximum	80	78	83	83	83	81	85	87	88	85	83	88	83	87	87	95	92	89	91	91	84	84	86	85	88	85	93	93	95	94	96	87.2
	Minimum	62	54	61	61	66	62	67	71	72	64	68	72	72	70	61	67	73	73	72	71	67	61	54	60	60	63	61	66	70	72	73	66.0
Stuttgart	Maximum	94	88	87	90	91	86	89	91	95	95	90	96	97	97	100	99	99	93	98	97	100	92	90	90	91	95	94	96	100	100	101	94.2
	Minimum	68	63	63	63	67	67	68	68	72	73	72	71	71	71	70	70	74	71	71	72	72	69	65	67	66	65	68	70	70	72	72	69.1
Stuttgart (near). §§	Maximum	88	88	89	80	84	87	89	92	83	89	93	92	81	99	99	98	91	93	88	90	91	84	89	91	91	92	95	96	99	88	87	90.3
	Minimum	69	62	63	67	68	69	69	72	73	74	72	72	72	72	73	75	74	72	74	72	72	69	66	62	66	65	67	71	72	73	73	70.0
Subiaco	Maximum	88	99	91	94	93	88	95	98	100	95	94	95	98	98	100	103	99	95	99	99	96	93	91	94	97	96	97	100	98	101	102	95.9
	Minimum	69	61	62	67	67	69	70	75	80	68	70	72	75	..	..	71	78	77	..	73	72	70	..	65	66	68	67	77	72	76	80	71.0
Texarkana	Maximum	89	88	91	89	85	88	87	93	94	91	94	95	97	99	99	99	95	93	97	98	98	92	92	94	93	98	98	99	101	100	101	94.4
	Minimum	68	66	66	70	70	69	70	74	75	76	76	75	74	72	72	73	75	74	74	75	75	71	67	67	68	70	71	74	75	74	75	72.0
Turnpike	Maximum	78	80	80	83	82	77	82	87	87	82	81	85	90	91	91	91	90	83	90	94	86	83	82	86	88	88	88	91	93	92	93	86.3
	Minimum	64	63	62	68	66	65	66	69	70	63	66	69	71	73	75	76	73	68	69	73	66	63	68	64	66	71	67	71	73	72	73	68.5
Wabash	Maximum	87	87	89	89	89	87	90	92	94	93	94	93	95	98	97	99	98	93	95	97	97	89	90	91	96	93	94	96	98	96	97	93.3
	Minimum	69	62	59	59	70	70	69	71	74	76	79	73	70	70	71	69	73	72	70	72	69	68	60	57	60	65	70	68	74	74	75	68.7
Waldron	Maximum	89	88	92	93	90	85	91	95	96	92	93	92	95	97	98	100	96	91	96	96	93	87	88	89	92	92	95	96	94	97	103	93.3
	Minimum	66	56	57	62	62	68	65	69	73	66	71	69	72	76	64	67	72	64	73	69	67	68	62	60	62	68	63	67	67	69	71	66.6
Warren	Maximum	90	88	90	89	86	87	90	98	94	93	95	97	97	100	101	101	98	96	96	99	97	92	92	93	97	96	95	98	100	98	100	94.8
	Minimum	68	64	65	68	70	70	72	72	74	75	76	74	76	72	76	73	74	74	75	76	74	73	67	63	66	69	72	73	76	75	75	71.8
White Rock	Maximum	79	80	81	84	82	78	81	85	86	81	79	85	86	89	89	91	87	84	87	85	78	85	81	83	87	88	90	92	93	91	94	85.2
	Minimum	65	62	62	66	64	65	64	68	69	62	65	68	70	69	69	75	72	68	69	71	62	63	63	63	66	67	66	70	71	70	72	67.0
Wilson	Maximum	84	84	92	90	98	87	90	93	93	90	89	93	99	100	94	94	93	90	95	96	95	86	87	91	94	91	93	95	98	101	101	92.8
	Minimum	70	62	63	69	69	70	70	74	74	77	74	69	75	73	73	74	76	74	75	74	69	69	65	64	64	69	71	70	74	75	76	71.0
Wright	Maximum	85	85	88	90	83	86	88	91	91	93	92	92	94	97	98	98	97	91	95	97	93	88	87	89	92	93	93	96	98	96	97	92.2
	Minimum	69	64	61	66	69	69	67	70	72	73	69	71	73	69	72	72	73	71	74	74	71	69	65	60	61	65	67	70	73	73	75	69.3
Wynne	Maximum	88	86	90	92	89	95	92	94	95	92	93	98	98	99	100	101	101	95	98	100	92	90	87	89	95	93	92	98	99	100	101	94.3
	Minimum	70	59	61	65	66	62	67	71	70	72	69	70	71	70	72	73	72	69	71	70	68	77	64	59	60	65	66	67	70	72	73	68.1

Daily River Stages for July, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	....	19.0	17.2	15.3	13.1	12.7	12.0	11.2	10.7	10.0	10.2	11.0	13.5	13.0	11.0	9.5	8.8	9.6	9.0	8.3	8.0	7.8	7.7	7.8	8.2	7.8	7.5	7.7	7.4	7.3	7.2
Van Buren	do	22	20.6	19.6	17.7	15.7	13.2	12.7	12.0	10.9	10.2	9.6	9.6	10.4	13.7	13.5	10.6	9.0	8.0	8.9	8.6	7.6	7.2	6.9	6.8	6.8	7.3	7.1	6.7	6.8	6.7	6.6	6.4
Danville	Petit Jean	20	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.8	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.6
Ozark	Arkansas	22	16.5	15.7	14.1	12.5	10.0	8.5	7.8	7.2	6.4	5.8	5.4	6.2	7.9	9.8	3.5	5.7	4.5	4.2	5.0	4.2	3.5	3.3	3.0	2.8	3.2	3.4	3.0	2.7	2.9	2.7	2.6
Dardanelle	do	22	19.8	18.6	17.6	16.0	14.4	12.3	11.3	10.8	9.8	9.1	8.6	8.5	9.2	11.6	12.0	9.7	8.8	7.2	7.2	7.6	6.9	6.3	6.1	5.6	5.7	5.8	6.1	5.7	5.6	5.6	5.4
Morrilton	do	20	17.0	15.8	14.8	13.2	11.2	9.2	7.6	7.0	6.2	5.2	4.6	4.2	4.8	6.2	8.3	6.8	4.6	3.2	2.5	3.2	2.8	2.0	1.6	1.2	1.0	1.2	1.5	1.3	1.0	1.0	0.9
Little Rock	do	23	17.9	16.8	15.6	14.4	12.8	11.0	9.1	8.1	7.6	6.8	6.1	5.7	5.5	5.9	7.8	8.6	6.8	5.5	4.6	4.3	4.7	4.3	3.8	3.4	3.2	3.0	3.6	3.3	3.2	2.9	2.9
Pine Bluff	do	25	22.0	21.4	20.3	19.3	18.6	16.7	15.3	13.4	12.2	11.6	10.9	10.2	9.6	9.6	10.3	12.5	12.2	10.4	8.8	8.0	7.9	7.9	7.6	7.3	7.0	6.7	6.5	6.7	6.8	6.6	6.3
Gilbert	Buffalo	30	3.4	3.3	3.4	3.4	3.4	3.3	3.2	3.2	3.2	3.2	3.1	3.3	3.2	3.1	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
Black Rock	Black	14	7.3	7.0	6.2	4.7	5.3	4.7	4.9	4.5	4.3	4.1	4.0	4.0	4.0	3.7	3.5	3.4	3.3	3.2	3.1	3.1	2.9	3.0	3.0	2.9	2.7	2.6	2.6	2.6	2.5	2.7	2.5
Heber Springs	Little Red	30	3.0	2.9	2.9	3.0	2.8	2.8	2.6	2.5	2.5	2.4	2.4	2.8	2.4	2.3	2.2	2.3	2.2	2.2	2.2	2.1	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0
Ozark Beach Mo	White	30	0.2	0.6	0.3	-0.6	-0.6	0.4	0.6	-0.6	0.1	-0.6	1.4	-0.6	-0.6	-0.6	-0.6	-0.6	-0.2	0.2	-0.6	-0.6	-0.6	-0.6	0.0	0.2	-0.6	-0.6	0.6	0.7	-0.6	-0.6	-0.6
Cotter	do	21	3.6	3.5	3.4	3.3	3.1	2.3	2.3	2.6	2.8	2.9	2.8	2.8	2.9	2.5	2.3	2.1	1.8	2.0	1.9	1.8	1.8	1.8	1.8	1.9	2.0	2.1	2.0	2.0	1.8	1.9	1.8
Calico Rock	do	18	2.6	2.4	2.4	2.3	2.4	2.3	1.8	2.1	2.0	1.9	2.0	2.1	1.8	1.9	1.4	1.6	1.6	1.4	1.3	1.3	1.3	1.2	1.3	1.4	1.5	1.2	1.4	1.5	1.2	1.3	1.3
Batesville	do	23	6.9	6.8	6.6	6.5	6.6	6.5	6.3	5.9	6.0	6.0	5.8	6.1	6.0	5.7	5.8	5.4	5.5	5.5	5.3	5.2	5.9	5.4	5.1	5.2	5.3	5.3	5.2	5.3	5.4	5.2	5.1
Newport	do	26	5.9	6.2	5.8	5.2	5.0	4.8	4.1	4.0	3.5	3.1	2.9	2.9	2.9	2.9	2.4	2.3	2.1	2.0	1.9	1.9	1.9	2.0	2.0	1.8	1.6	1.5	1.5	1.5	1.2	1.1	1.1
Georgetown	do	21	10.7	10.0	9.3	8.6	8.0	7.4	6.9	6.6	6.1	5.9	5.3	5.0	4.8	4.6	4.5	4.3	4.0	3.9	3.6	3.4	3.2	3.1	3.0	3.2	3.1	2.9	2.7	2.6	2.5	2.4	2.4
Des Arc	do	24	14.0	13.3	12.5	11.8	11.1	10.4	9.9	9.4	9.0	8.5	8.0	7.7	7.4	7.2	7.1	6.9	6.7	6.5	6.2	6.0	6.0	5.8	5.7	5.7	5.7	5.5	5.3	5.1	5.0	5.0	4.9
Clarendon	do	26	20.2	19.6	19.0	18.3	17.5	16.8	16.0	15.5	14.9	14.4	13.8	13.4	12.9	12.6	12.3	12.0	11.8	11.6	11.3	11.0	10.8	10.5	10.3	10.2	10.2	10.6	10.0	9.8	9.6	9.5	9.4
St. Charles	do	25	20.9	20.8	20.7	20.4	20.0	19.6	19.1	18.6	18.0	17.4	16.7	16.0	15.4	14.7	14.1	13.7	63.3	13.0	12.7	12.3	11.9	11.6	11.3	11.0	10.8	10.7	10.5	10.3	10.1	10.0	9.8
Glenwood	Caddo	..	6.0	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Arkadelphia	Ouachita	17	6.0	8.0	6.4	5.5	5.7	4.6	6.6	5.9	5.4	5.5	5.4	4.6	4.1	4.6	4.9	5.0	5.0	4.9	4.8	4.2	4.2	4.6	4.6	4.6	4.5	4.5	4.3	4.0	5.0	5.0	5.0
Boughton	Little Mo.	20	4.8	6.1	6.2	5.4	5.0	4.8	4.6	4.4	4.2	4.2	4.0	4.0	3.9	3.8	3.8	3.8	3.6	3.6	3.6	3.4	3.4	3.4	3.4	3.1	3.7	3.9	4.0	3.7	3.4	3.4	3.4
Camden	Ouachita	26	5.5	5.6	6.5	7.2	7.1	6.4	6.4	4.2	5.6	5.5	5.1	5.0	4.9	4.5	4.3	4.5	4.7	4.7	4.8	4.6	4.4	4.0	4.0	4.2	4.3	4.4	4.4	4.3	4.1	4.2	4.4
Benton	Saline	20	6.9	7.0	6.9	6.6	5.8	4.9	4.8	4.6	4.4	4.3	4.1	4.0	4.0	4.0	3.9	3.8	3.8	3.7	3.7	3.6	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2
Index	Red	25	14.6	18.2	11.8	11.2	11.3	10.9	10.2	10.0	9.5	9.3	9.2	9.1	9.0	9.1	9.0	9.5	10.4	9.5	9.2	8.5	8.4	8.4	7.9	7.8	7.8	7.5	7.2	7.2	7.2	7.2	7.2
Fulton	do	25	14.7	13.4	11.1	10.1	11.0	10.8	10.2	9.6	9.2	8.9	8.6	8.5	8.4	8.9	10.1	11.1	10.4	9.6	8.6	7.9	7.6	7.4	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.5	6.4
Big Lake Outlet	St. Francis	10	5.5	5.4	5.2	5.0	4.9	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.8	3.9	3.9	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4
St. Francis	do	18	12.3	11.6	11.1	10.4	9.6	9.3	9.0	8.4	7.9	7.5	7.2	6.9	6.8	6.7	6.6	6.6	6.4	6.1	5.5	5.3	5.1	4.9	4.7	4.6	4.5	4.4	4.4	4.7	4.1	3.9	3.8
St. Francis L.L.	do	..	20.1	20.2	20.3	21.2	20.2	20.1	20.0	19.9	19.8	19.6	19.4	19.3	19.1	18.9	18.7	18.5	18.3	17.9	17.6	17.1	16.8	16.9	16.8	16.8	16.6	16.5	16.5	17.7	17.6	17.0	16.2
Marked Tree	do	17	7.1	7.0	6.9	7.2	7.2	7.2	7.2	7.0	7.0	6.9	6.9	6.8	6.7	6.5	6.5	6.4	6.3	6.1	6.0	5.8	5.5	5.1	5.0	4.9	4.8	4.6	4.4	2.2	3.6	4.6	4.6
Parkin	do	28	7.0	7.1	7.0	7.1	7.4	7.7	7.7	7.6	7.4	7.1	7.0	6.8	6.6	6.2	6.0	5.9	5.8	5.6	5.5	5.3	5.1	5.0	4.7	4.6	4.5	4.4	4.3	4.1	3.3	3.4	3.8
Madison	do	32	11.4	12.0	12.4	12.7	13.2	13.3	13.3	13.1	12.7	12.2	11.4	10.4	9.7	9.1	8.6	8.3	7.7	7.2	6.7	6.1	5.8	5.4	4.8	4.0	3.4	3.2	3.1	2.9	2.8	2.4	2.3
Helena	Mississippi	42	31.4	31.0	32.4	32.8	33.1	33.1	33.0	32.7	32.2	31.5	30.6	29.7	29.0	28.4	28.0	27.5	27.0	26.5	25.8	25.3	24.9	24.4	23.4	21.3	19.2	17.3	17.0	16.5	16.1	15.7	15.0
Arkansas City	do	42	28.9	29.2	29.4	29.5	29.5	29.4	29.2	28.9	28.4	27.9	27.3	26.6	25.7	25.0	24.3	23.8	23.6	23.4	22.8	22.1	21.4	21.0	20.4	19.6	18.4	16.7	15.2	14.4	13.6	13.3	12.8

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ^{1}Precipitation is for the 24-hour period, midnight to midnight. ^{2}Precipitation measured in morning; amount recorded is for the preceding 24 hours. ^{3}indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Betheada, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Cozley, Paris; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Highland, R.F.D.3. Nashville Hon. Waldron; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Springbank, Doddridge; Stamps Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Mulberry, Route 1, Mulberry; Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 8-27-42-1200

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

OV 5 1949

WALTER C. HICKMON

Vol. XLVII   Little Rock, Ark., August, 1942   No. 8

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GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during the month of August were the negative temperature and the positive precipitation departures. Of the stations for which normals have been computed, only six showed positive temperatures and nine negative precipitation departures. Considering the summer months, June, July and August, Arkansas has experienced but five cooler summers during the last 25 years than the summer this year. During the same 25 years but 8 summers have had more rainfall. The summer of 1930 was the hottest and driest in Arkansas during the last 25 years while the summer of 1928 was the wettest.

The mean temperature for the month of August, 1942, was 78.8° which is 1.3° below the seasonal average. The highest monthly mean was 83.6° at Magnolia, the lowest, 73.4° at Turnpike, a difference of 10.3° between the Ozarks in the northwest and the southern sections of the State. Two stations in northwestern Arkansas and four in south Arkansas had positive temperature departures, all others for which normals have been computed showing negative departures. The highest temperature recorded was 106° at Conway on the 1st while the lowest, 53°, occurred at Lead Hill on the 24th, Corning on the 25th and Alum Fork on the 26th. Extremes occurred on approximately these dates in most sections. Temperatures of 100° or higher occurred at 59 stations.

The average rainfall for 110 stations was 5.94 inches which is 2.33 inches above normal. Three northwestern stations, two northeastern and four southeastern showed negative departures while positive departures were recorded elsewhere. The greatest monthly total was 14.87 inches, measured at Springbank. Four stations had monthly totals exceeding ten inches. The least monthly total was 1.83 inches at Ozark. For the most part, the smaller monthly totals were in the Upper Arkansas Valley. The greatest 24-hour amount was 6.76 inches at Springbank on the 23d. The number of days with 0.01 inch or more precipitation ranged from 3 to 14 while the average for 110 stations was 9. The average number of clear days during the month for the 110 stations was 11, partly cloudy 12, and cloudy 8. Sunshine was 76% of the possible amount.

Following a hot dry July, soil moisture was badly depleted at the first of the month and early corn was damaged beyond recovery in many localities, rains in August coming too late to materially help early corn. Cotton was not seriously hurt, but frequent showers favored weevil and worm activity. For the month as a whole cotton made fair progress and at the close of the month was opening in upland sections of the State and in the southeast, and picking and ginning were beginning. Late corn made excellent progress. Fall crops, meadows, pastures and fruit improved. Rice was heading and cutting of early varieties was beginning at the close of the month. Some hay was damaged by the frequent showers. Fall plowing was in progress at the close of the month, soil moisture being ample throughout the State. All streams were at moderate stages throughout the month and no flood losses occurred.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville	29.98	30.21	23	29.79	7	5.5	14	sw.	6	..	..	..	77
Fort Smith	29.95	30.13	24	29.85	7	6 4	47	n.	9	..	..	..	77
Little Rock	30.00	30.18	24	29.85	7	6.9	32	n.	9	91	65	71	89
Memphis	30.00	30.17	24	29 86	9	6.3	35	n.	7	88	62	68	63

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog	..	..	..	..	..	1	..	1	1	2	3	3	..	..	..	1	3	6	5	3	2	1	1	1	1	2	3	1	2	..	..
High winds	..	..	2	1	2	2	2	..	4	2	..	..	..	..	..	..	..	..	..		..	4	..	..	..	..		..	..	..	..
Hail	..	..	..	..	..	..	..	..	2	..	..		..	..	..	1	..		..	..	..	..	..	..		..		..	..	..	..
Thunderstorms	..	16	26	18	11	2	21	22	24	14	7	1	1	8	17	15	5	5	2	1	2	9	1	..	..	5	2	..	..	1	4

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.8	106	47	4.39	0.0	9	18	11	7
1893	77.3	102	48	3.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.35	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	3
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	105	47	4.34	0.0	8	15	12	4
1904	78 1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.73	0.0	6	18	10	3
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	43	3.92	0.0	8	13	12	6
1911	78.0	107	45	8.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	3	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	43	4.10	0.0	8	16	7	8
1918	82 6	115	52	3.90	0.0	7	15	9	7
1919	80 6	113	55	4.29	0.0	7	16	8	7
1920	76.8	102	46	4.08	0.0	8	13	9	9
1921	81.5	106	56	5.46	0.0	8	15	9	7
1922	80.4	111	51	1.90	0.0	5	18	8	5
1923	81.9	109	49	2.43	0.0	4	18	8	5
1924	82.2	108	43	2.40	0.0	5	20	8	3
1925	80.3	108	47	1.81	0.0	4	22	7	2
1926	80.7	110	47	5.50	0.0	10	14	10	7
1927	76.6	105	43	6.01	0.0	10	12	10	9
1928	81.3	105	51	4.62	0.0	7	17	8	6
1929	80.8	110	41	1.29	0.0	3	22	7	2
1930	81.8	114	46	2.53	0.0	5	17	10	4
1931	76.7	103	42	4.71	0.0	9	15	9	7
1932	81.5	104	47	1.78	0.0	5	19	10	2
1933	79.1	101	49	4.42	0.0	8	12	11	8
1934	84.8	116	48	2.75	0.0	6	15	11	5
1935	82.0	113	46	1.74	0.0	4	18	9	4
1936	85.0	120	43	0.44	0.0	2	19	10	2
1937	82.3	111	55	3.45	0.0	7	15	10	6
1938	83.2	109	54	2.26	0.0	5	18	9	4
1939	80.2	107	49	2.50	0.0	6	16	11	4
1940	77.7	104	45	4.96	0.0	9	14	10	7
1941	80.7	107	50	3.94	0.0	9	12	13	6
1942	78.8	106	53	5.94	0.0	9	11	12	8
Period	80.1	120	39	3.61	0.0	7	16	10	5

Corrections:--May:-Irous Fork, mean temperature 63.1°.

June:-.-Alum Fork, number days partly cloudy 9; Bee Branch, Mean temperature, 75.4°, departure from uormal −1.5°: Jonesboro, mean temperature 78.1°, departure+0.6°. Nashville, mean temperature 79.2°: Nimrod. total rainfall 3 96 inches, greatest amount in 24 hours 1.08 inches on 13th; daily precipitation as follows:--June 4, T, 5 T, 6 0.37, 7 T, 10, 0.42, 11, 0.54, 13 1.08, 15 0.36, 16 0.05, 17 0.56, 21 0.16, 22 T, 30 0.42. Searcy, mean temperature 77.0°, departure −0.3°: Story, days with 0.01 or more precipitatiou 12. Fort Smith mean temperature 78.5° departure +1.0. July:---Stuttgart, days with 0.01 inch or more precipitation 4.

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Climatological Data for August, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	5	78.4	......	99	1	53	26	8.36	......	3.00	22	0.0	10	6	18	7	w.	L. R. Water Works
Arkadelphia	Clark	200	46	78.0	......	94	1§	63	25	8.12	+4.49	3.37	23	0.0	12	15	7	9	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	57	......	......	......	......	......	......	2.34	-1.62	0.76	23	0.0	8	20	4	7	......	George W. Reitzammer
Batesville Airway	Independence	363	5	78.4	-0.6	105	2	58	25	6.74	......	2.26	22	0.0	9	9	15	7	se.	Airway Observer
Batesville Livestk.	Independence	....	1	76.4	......	102	1§	54	25	3.76	......	1.56	23	0.0	7	19	10	2	sw.	Experiment Farm
Batesville River	Independence	277	42	......	......	......	......	......	......	7.99	+3.58	2.60	23	0.0	9	15	6	10	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	49	77.2	-2.5	103	2	57	25	7.72	+3.69	2.07	23	0.0	11	14	12	5	w.	Miss Minnie Scanlan
Benton	Saline	285	6	77.4	......	100	1	59	25§	9.76	......	2.60	23	0.0	11	15	9	7	sw.	S. A. Burks
Bentonville	Benton	1295	36	75.4	-1.4	98	2	56	24	4.68	+0.62	1.71	15	0 0	10	3	21	7	s	U. S. Weather Bureau
Bethesda †	Independence	500	2	75.8	......	102	1	54	25§	4.95	......	1.51	23	0.0	8	17	14	0	sw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	11	......	......	......	......	......	......	4.47	......	1.60	23	0.0	8	13	3	15	......	C. J. Brooks
Black Rock	Lawrence	259	40	......	......	......	......	......	......	7.35	+3.24	3.19	23	0.0	9	17	3	11	......	Vernon C. Howe
Bluff City	Nevada	....	1	81.2	......	104	6	63	25	4.78	......	1.65	22	0.0	5	14	13	4	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	16	78.0	-1.6	102	2	55	25	5.81	+0.90	2.33	7	0.0	12	18	12	1	s.	Maureen K. Norris
Booneville (near)	Logan	465	27	79.9	-2.2	103	2	63	12	4.13	+0.05	1.00	16	0 0	7	7	21	3	e.	F. H. Randolph
Boughton †	Clark	235	6	......	......	......	......	......	......	6.65	......	2.51	23	0.0	6	11	8	12	......	Mrs. Ruby A. Buie
Brinkley	Monroe	205	50	78.2	-2.2	104	2	55	25	4.99	+1.32	1.72	4	0.0	11	6	13	12	s.	Airway Observer
Calico Rock	Izard	361	37	......	......	......	......	......	......	6.08	+1.72	2.27	5	0.0	11	4	4	23	......	William Jones
Camden	Ouachita	116	56	82.0	-1.4	101	2	66	13§	3.08	-0.20	1.54	8	0.0	8	8	12	11	s.	J. M. Knight
Camp Robinson	Pulaski	463	1	78.8	......	99	1	60	24	7.36	......	1.56	22	0.0	9	5	16	10	sw.	U. S. Army
Clarendon	Monroe	172	37	......	......	......	......	......	......	5.02	+1.34	1.59	5	0.0	10	12	9	10	......	R. M. Wheatley
Clover Bend	Lawrence	235	3	77.4	......	100	1§	55	25	9.47	......	3.56	23	0.0	7	9	21	1	sw.	Farm Security Adm.
Conway	Faulkner	309	58	80.2	-1.4	106	1	59	25	5.73	+2.17	1.20	22	0.0	10	18	12	1	s.	E. E. Cordrey
Corning	Clay	293	48	77.4	-1.1	103	2	53	25	6.34	+2.05	2.76	23	0.0	10	16	9	6	sw.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	8.26	+4.84	2.47	16	0.0	9	11	14	6	......	O. B. McSpadden
Crossett(near)	Ashley	175	29	80.4	-1.6	99	1	61	28	5.20	+1.88	1.89	3	0.0	8	12	10	9	s.	U. S. Forest Service
Danville	Yell	327	25	......	......	......	......	......	......	5.28	+1.24	1.91	23	0.0	8	9	17	5	......	J. M. Patterson
Dardanelle	Yell	330	55	79.2	-1.6	102	1§	60	25	7.95	+4.32	2.37	23	0.0	7	1	22	8	s.	Geo. N. Goodier
DeQueen	Sevier	426	6	79.5	......	99	2	65	25	7.46	......	2 28	4	0.0	10	10	18	3	s.	L. D. McCown
Des Arc	Prairie	204	3	79.2	......	103	1§	57	25	7.88	......	4.92	5	0.0	12	3	4	22	ne.	Z. R. Glenn
Devils Knob †	Johnson	2350	5	74.1	......	96	2	56	25	3.99	......	0.70	16	0.0	14	17	3	11	se.	U. S. Forest Service
Dumas	Desha	162	36	81.2	-0.3	104	2	60	25	2.98	-0.61	0.65	10	0.0	10	3	16	12	s.	Ben Johnson
El Dorado	Union	270	41	81.8	-0 4	100	2	66	25§	6.74	+3.74	1.78	8	0.0	12	19	7	5	s.	Mrs. E. W. Gaston
England	Lonoke	229	35	79.3	-1.5	102	1§	57	25	3.88	+0.24	1.50	4	0.0	7	4	24	3	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	41	78.6	+0.2	98	2	57	24	3.54	-1.43	1.20	4	0.0	8	21	9	1	se.	Geo. W. Nichoalds
Fayetteville	Washington	1334	4	77 2	......	97	2	61	11§	5.52	......	1.81	15	0.0	11	0	20	11	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	54	76.2	-2.0	97	2	58	24	6.97	+2.93	2.42	3	0.0	13	10	17	4	sw.	University of Arkansas
Fordyce	Dallas	280	1	80.2	......	102	1	60	25	4.24	......	1.18	22	0.0	11	13	12	6	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	60	80.4	-0.1	99	2	65	9	3.46	+0.18	1.23	10	0.0	9	8	15	8	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	4	......	......	......	......	......	......	2.87	......	1.12	16	0.0	10	7	10	14	......	Ft. Smith Water Plant
Fulton	Hempstead	260	56	......	......	......	......	......	......	8.63	+5.43	3.26	23	0.0	8	12	7	12	......	T. J. Logan
Georgetown	White	200	29	......	......	......	......	......	......	6.85	+3.14	4.00	5	0.0	8	22	2	7	......	C. G. Long
Gilbert	Searcy	600	16	76.4	......	98	2§	58	24§	11.63	+7.75	3.17	8	0.0	10	20	4	7	......	F. E. King
Glenwood	Pike	547	6	......	......	......	......	......	......	6.82	......	3.01	23	0.0	11	15	3	13	......	Chas. A. Price
Grannis	Polk	950	22	78.5	-0.9	102	2	63	11§	6.91	+3.27	2.00	22	0.0	11	10	15	6	s.	W. E. McVay
Gravette	Benton	1250	44	77.6	0.0	102	2	58	11§	4.18	+0.05	1.39	15	0.0	9	23	7	1	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	4	76.0	......	100	1	57	25	5.93	......	1.41	22	0.0	11	14	9	8	sw.	U. S. Forest Service
Harrison	Boone	1052	41	76 8	-0.2	102	2	55	24	6.84	+2.81	1.51	9	0.0	11	11	14	6	w.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	4.95	......	1.65	5	0.0	9	15	10	6	......	Lester B. Logan
Helena	Phillips	300	69	78.5	-2.1	100	2	59	25	6.12	+2.30	2.32	8	0.0	11	8	10	13	ne.	James A. Burnett
Highland	Pike	491	22	81.4	-1.9	96	1	64	19	6 27	+2.49	2.20	24	0.0	6	20	6	5	s.	Clyde Cooley
Hope (near) ‡‡	Hempstead	375	71	79.2	-3.2	102	2	64	25	6.83	+3.86	3.15	23	0 0	9	9	16	6	sw.	Experiment Farm
Hot Springs	Garland	600	50	80.0	-1.1	101	1	62	25	7.19	+3.37	2.04	22	0.0	13	10	18	3	s.	National Park Service
Index †	Little River	275	24	......	......	......	......	......	......	5.25	+1.96	2.00	8	0.0	4	18	0	13	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	3	75.2	......	96	1	57	12	9.25	......	3.46	16	0.0	14	16	3	12	sw.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	7.29	+3.77	1.59	16	0.0	9	6	17	8	......	U. S. Forest Service
Jonesboro	Craighead	345	46	78.0	-2.1	101	2	57	25	6.92	+3.20	2.51	23	0.0	12	4	11	16	ne.	Benedictine Sisters
Lead Hill	Boone	650	35	76.5	-2.3	104	2	53	24	6.98	+2.74	1.37	11	0.0	14	15	9	7	s.	J. H. Crosswhite
Little Rock Airport	Pulaski	275	62	79.4	-0.4	101	1	62	25	5.09	+1.34	1.32	5	0.0	11	4	16	11	e.	U. S. Weather Bureau
Lutherville †	Johnson	775	43	78.0	-1.7	102	2	57	25	5.00	+1.15	1.72	22	0.0	9	7	15	9	se.	Clarence Lenhardt
Madison	St. Francis	209	11	......	......	......	......	......	......	7.47	+4.77	2.65	5	0.0	11	4	3	24	......	J. W. Eppes
Magnolia	Columbia	315	25	83.6	+1.1	102	15§	62	13	5 30	+2.26	1.83	17	0.0	5	1	21	8	sw.	State Agri. School
Mammoth Spring	Fulton	600	37	77.0	-0.5	102	2	54	25	7.49	+3.22	3.40	23	0.0	10	10	17	4	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	30	78.6	-1.4	101	1§	57	26§	7 85	+4.59	3.32	17	0.0	6	4	19	8	e.	Cotton Exp. Station
Marked Tree	Poinsett	229	37	77.9	-1.3	100	1§	55	25	3.41	-0.22	1.07	27	0.0	9	11	11	9	s.	Charles Walton
Mena	Polk	1207	53	78.6	-1.3	101	1	63	12§	5.95	+1 61	2.11	16	0.0	10	11	12	8	sw.	E. W. St. John
Monticello Airway	Drew	273	1	80.6	......	101	2	61	25	2.87	......	0.80	8	0.0	9	3	15	13	sw.	Airway Observer
Morrilton †	Conway	315	25	78.2	-3.5	101	1	60	25§	5.22	+1.62	2.40	23	0.0	8	6	17	8	se.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	4	......	......	......	......	......	......	3.31	......	1.35	16	0.0	7	13	11	7	sw.	C. A. Lovell
Mountain Home †	Baxter	800	29	76.5	-1.5	104	2	54	25	8.62	+4.34	2.00	14	0.0	10	15	9	7	w.	H. N. Halbert
Mountain Valley	Garland	788	4	......	......	......	......	......	......	7.81	......	2.27	22	0.0	8	6	19	6	s.	C. A. Cockman
Mount Ida	Montgomery	702	42	77.4	-2.0	102	2	59	12§	6.91	+3.41	2.00	4	0.0	12	6	19	6	w.	J. S. Whittington
Mt. Ida CCC	Montgomery	750	2	......	......	......	......	......	......	....	......	....	......	..	......	......	......	......	......	U. S. Forest Service
Mulberry (near) †	Franklin	433	3	......	......	......	......	......	......	2.43	......	0.93	4	0.0	5	12	7	12	......	Clifton H. Ward
Nashville	Howard	350	3	81.2	......	102	6	65	25	5.10	......	1.40	8	0.0	7	21	9	1	s.	Brice Carruth
Newport	Jackson	231	58	78.8	-1.2	101	2	58	25	6.31	+2.39	2.70	23	0.0	10	13	13	5	n.	J. D. Henderson
Oden	Montgomery	800	14	78.8	......	99	2	61	12	5.98	+2.99	2.54	16	0.0	13	......	......	......	......	U. S. Forest Service
Okay	Howard	288	13	82.0	-0.8	101	4	65	13§	5.80	+3.32	2.40	8	0.0	6	14	8	9	se.	Charles R. Jackson
Osceola	Mississippi	250	41	......	......	......	......	......	......	10.03	+6.81	3.99	5	0.0	9	13	12	6	......	G. H. Banks
Ozark	Franklin	396	46	80.7	-1.0	103	2	63	12	1.83	-1.98	0.60	23	0.0	7	4	19	8	e.	Orkney O. Milton
Paragould	Greene	275	18	76.6	......	100	3	54	25	6.57	+2.60	2.62	23	0.0	13	18	13	0	sw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	4.99	+2.11	1.40	16	0.0	8	7	5	19	......	Carroll King
Perryville	Perry	325	2	78.6	-0.6	103	1	57	25	6.35	+2.30	1.82	22	0.0	8	5	23	3	ne.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	54	82.4	+0.6	105	2	63	25	2.83	-0.60	0.69	23	0.0	10	8	16	7	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	5.98	+3.60	2.65	16	0.0	9	5	20	6	sw.	J. R. Huddleston
Pocahontas	Randolph	300	48	78.4	-1.0	103	2	55	25	6.59	+1.74	2.95	23	0.0	9	12	11	8	sw.	Benedictine Sisters
Portland	Ashley	122	35	83.2	+1.8	101	2	68	25	3.73	+0.52	1.68	10	0.0	10	10	16	5	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	82.4	+0 8	102	1§	64	25	7.81	+4.50	2.93	23	0.0	9	13	12	6	sw.	W. R. Hambright
Rogers	Benton	1300	51	76.0	-1.4	99	2	57	24	5.96	+2.06	1.90	7	0.0	8	6	20	5	s.	Howard Fowler
Rosebud	Faulkner	680	7	......	......	......	......	......	......	6.60	......	1.52	3	0.0	11	14	11	6	e.	G. A. Maddox
Russellville ‡‡	Pope	526	29	79.4	-0.5	102	1§	60	25	7.89	+3.46	2.80	22	0.0	12	11	14	6	s.	Ark. Tech. College
St. Charles	Arkansas	175	8	78.8	......	100	1§	57	25	4 35	......	1.64	5	0.0	10	14	12	5	s.	U. S. Biological Survey
St. Francis	Clay	290	14	......	......	......	......	......	......	6.42	+2.18	2 50	23	0.0	10	12	1	18	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	78.2	-1 9	102	2	60	25	7.92	+3.87	2.73	5	0.0	8	19	1	11	ne.	Walter A. Smith
Sheridan	Grant	....	1	78.0	......	102	2	56	25	5 31	......	1.26	22	0.0	10	3	25	3	sw.	Ark. Forestry Com.
Siloam Springs	Benton	....	1	76.3	......	98	2	59	24	3.08	......	1.57	15	0.0	3	16	10	5	s.	John Brown University
Springbank †	Miller	240	32	......	......	......	......	......	......	14 87	+11.77	6.76	23	0.0	9	9	0	22	......	Henry Field
Story	Montgomery	650	17	......	......	......	......	......	......	6.09	+3.25	2.18	17	0.0	7	14	12	5	s.	S. C. Story
Stuttgart	Arkansas	214	54	78.5	-2.2	103	3	58	25§	6.18	+2.79	1.90	4	0.0	11	21	6	4	s.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	6	78.0	......	98	1	59	25	4.70	......	1.02	16	0.0	10	......	......	......	......	Rice Experiment Sta

Climatological Data for August, 1942 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	80.6	− 1.0	105	2	62	25	3.11	−0.68	0.84	22	0.0	9	5	16	10	se	New Subiaco Abbey
Texarkana	Miller	332	57	81.5	− 0 8	98	2§	68	13	7.66	+4.04	2.32	17	0.0	10	4	18	9	sw.	U.S. Weather Bureau
Turnpike†	Pope	2240	17	73.4		95	1§	55	25	6.03	+2.00	1.72	22	0.0	13	4	14	13	se.	U.S. Forest Service
Wabash	Phillips	179	2	78.4		99	2§	55	25	4.01		1.43	8	0.0	9	2	25	4	s.	Farm Security Adm.
Waldron	Scott	675	22	78.3		100	2	60	9	5.30	+1.59	1.26	22	0.0	10	2	24	5	se.	Lavon Shoptaw
Warren	Bradley	206	47	81.7	+ 0.1	103	2	63	25	4.78	+1.25	1.43	22	0.0	10	1	3	27	sw.	C. N. Turner
Whitecliffs	Little River	290	35							5.97	+3.30	2.80	8	0.0	5	16	4	11		L. M. Snead
White Rock†	Franklin	2285	5	73.8		94	2	56	25	4 16		1.64	16	0.0	11	9	16	6	se.	U.S. Forest Service
Wilson	Mississippi	237	16	78.0	− 0.6	104	1	54	25	3.90	−0.02	0 90	22	0.0	7	24	3	4	nw.	Miss Winona Anderson
Wright	Jefferson	234	2	78.7		99	2	58	25	4.76		1.82	10	0.0	11	17	9	5	se.	Farm Security Adm.
Wynne	Cross	167	33	78.3	− 1.7	103	1§	54	13	4.46	+0.75	1.76	7	0.0	5	15	7	9	s.	B. M. Eddins
State Means				78.8	− 1.3	106	1	53	24§	5.94	+2.33	6.76	23	0.0	9	11	12	8	sw.	

Daily Precipitation for August, 1942

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas				.05	.45			.30		.73	.07					.62	.14					.12										2.48
Alum Fork Reser.	Ouachita		.02	.20	.67	.38			.42	1.00	1.00						1.55						3.00	.12			T.						8.36
Arkadelphia[2]	Ouachita			.24	.22	.09			2.90	.04		.07						.40	.27	.05			.07	3.37								.40	8.12
Arkansas City[2]	Mississippi						.03		.25	.35	.05	.50					.37				T.		.03	76				T.					2.34
Batesville Air'y.[1]†	White			.47	.52	.22	T.	.86	T	T.		.23				1.88	.07	T.					2.26	.23				T.					6.74
Batesville Livestk[1]	White				.24	.33	.40		.55	T	T	.22				T.	T.	.46						1.56									3.76
Batesville River[2]	White	.01			.42	.70	.22		1.52		T.	.35					2.05	12	T.					2.60									7.99
Beaty Lake(near)	St. Francis			T.	.55	2.30		.16	90	T.		T.					2.43	.06	.02			T.	T.	33			.03	T.					6.78
Bee Branch	Arkansas			.05	.95	1.80			.85	1.40	.25					.18	.12						•	2.07								.05	7.72
Beech Grove(near)	White			.22	T	.30		1.18			.58	T.				.12	1.42						.62	1.96				.10				23	6.73
Beedeville[2]	White	T.			.84	1.25			1.57		.01	.03	T.				.58	2.09						.84				.25					7.37
Benton[2]	Saline			.15	1.76	.56	.03		1.87		.63	.29					.89	.74	.24	T.				2.60									9.76
Bentonville[1]‡	Arkansas			.38	1.22	.04		1.00	.06		.13				.27	1.55	.01															.02	4.68
Bethesda[2]	White				.08	.42	.86		1.10			.62					.24	.12						1.51									4.95
Big Lake Outlet[2]	St. Francis				.05	.06		1.50	.07				.17				.55	.47						1.60									4.47
Black Rock[2]	White				14	.26		2.58	.08			.06				.18	.77	.09						3.19									7.35
Blue Mountain[2]	Arkansas					.45										.45	.30							.40					.45				....
Bluff City..(near)	Ouachita								1.55									1.02					1.65		.09			.47					4.78
Blytheville[2]	St Francis			T.	.09	.14	.02	2.33	.02		.28	.02	.31				.65	.09	T.					1.85								.01	5.81
Booneville (near)	Arkansas			T.		.91		.01		.28					.06	.90	1.00						.97										4.13
Booneville[2]	Arkansas																																....
Boughton[2]	Ouachita				.19				2.18									1.35	.18					2.51		.24							6.65
Brinkley[1]	White			.02	1.72	.96	.03	.72		.05						.61	.43	.06	T.				.38	.01				T.					4.99
Calico Rock[2]	White				.57	2.27		T.	.27	.02	.05	.04	.13			.65	.48	.15	T.					1.45									6.08
Camden	Ouachita						.05		1.54	.05							.05		.65	.01			.08	.65									3.08
Camp Chaffee	Arkansas			.12		.67		.16			.93	.12			.08	.11	.58							1.45							.02	.41	4.65
Camp Marion[2]	Arkansas					.85	.60				.70						.80	.40	.30					1.10	.10								4.85
Camp Robinson[2]	Arkansas		.06		.02	1.30			1.45		1.20						.45	1.27	.05					1.56									7.36
Carlisle[2]	Arkansas																																....
Clarendon[2]	White				.06	1.59	.14		.68		.08						.51	1.07	.08					.31				.50					5.02
Clover Bend	White				.50	.58		3.26	.11								.96						.50	3.56									9.47
Cold Springs	Ouachita			.38	1.92				.61		.13	.03					1.86	.10				.05		2.54							.12		7.74
Conway	Arkansas			.38	.95	1.01			.19		.13					80	.79						1.20	.23			.05						5.73
Corley[2] (near)	Arkansas																																....
Corning[2]	White				.69	.24		1.57	.16	.11	.18	26	.02				.35							2.76									6.34
Cotter[2]	White				.17	1.22			.29	.32		.56				1.45	2.47	.04						1.74									8.26
Crossett ..[near]	Ouachita			1 89		T.			T.	.36	.10									.11			1.04	1.02			.58				.10		5.20
Danville[2]	Arkansas				1.36	1.16			.03			.03					.32	.44						1.91					.03				5.28
Dardanelle[2]	Arkansas				1.80	.82			1.68								1.20	.05						2.37					.03				7 95
Denmark[2]	White				2.00	1.28	.10		1.53		.05	.23					.93	.46						1.86			.19						8.63
De Queen	Red			*	2.28	.21		2.15	.21							.25	.95						1.28					.03				.07	7.46
Dermott[2]	Mississippi				T.		.05		.48	.27	.02	.39					1.76		.02	.05	T.		.05	.93	.32	.12		.05					4.51
Des Arc[2]	White				.26	4.92	.08		.92		.08						.52	.63	.07	.02		.01	T.	.31				.06					7.88
Devils Knob	Arkansas		.51	.10	.31	.06		.02	.28	12		.39			.11	.64	.70						.20	.11								.44	3.99
Dumas	Mississippi	T.		55	05	.15			.57	.07	.65							T	.10	.42		T.	.20				T.					.22	2.98
Eagle Gap[2]	Arkansas			T.	.31	.53			.89	.03		.43				.06	.70	.23	.02			.04		1.63	.17								5.04
El Dorado[2]	Ouachita			.02	.37				1.78	.29	.41							.40	.86	.81	1.10	.03	.55		.12								6.74
Eleven Point[2]	White			.89	.36		.82	.48	T.	.15		.40				.95	.12	T					.39		1.44								6.00
England	Arkansas			T.	1.50	.26		.50		T.	.12								.85				.60	.05									3.88
Eureka Springs	White			.02	1.20	.03			.69						.10	.79	.62					09											3.54
Evening Shade[2]	White				.29	1 23	.03	.66	.01	.39	T	.03	.01			.10	.15	.03	T.					2.17									5.10
Fayetteville	White			1.68	.85	.03			.30	T	.08	.01			.26	1.81	.38			.01		T	.11			T	T.					T	5.52
Fayetteville Exp. S	White			2.42	.99				.50	.02	.09				.14	1.57	.36	T.		.02		.01	.38	.03			T.					.44	6.97
Fordyce	Arkansas			.01		.09		.25	.93									.55	.13				1.18	.30			.52				.17	.11	4.24
Forrester[2]	Arkansas		T.		*	*			*		1.60						2.70	.40				.70		1.50		T.						T	6.90
Fort Smith[1]‡	Arkansas				.74	.02		.54	T.	1.16	.07	T.			T.	.32	.44						.16			T.						.01	3.46
Fort Smith W.[2]	Arkansas			.08	.70	.04			05			T.				.64	1.12	.16	.03			.03	.02	T									2.87
Fulton[2]	Red				T.		T.		2.50	.18		T.	.05					.83	.39		T.		.82	3.26	T.				.60				8.63
Georgetown[2]	White				.10	4.00			.65								.30	.90	.05					.80				.05					6.85
Gilbert[2]	White				.88	1.68	.05		3.17	.28	.62	.08				2.45	1.46							.96									11.63
Glenwood[2]	Ouachita			.41		1.11			.66		.24	.11				.63	.26	.12			.20		.07	3.01				T.					6.82
Grannis	Red		T.	.02	.62	.27		.51	1.55	T.	T.					.18	1.14	.56					2 00	T.			T.	.02	T.		T	.04	6.91
Gravelly.[2]	Arkansas				.28	.65			.32			T.					1.25							1.97									4.47
Gravette	Arkansas		.05	.13	.95	.24			1.20		.04				.11	1.39	.07																4.18
Green Forest[2]	White		.59	1.43	.27	.59			.12	T.		.44			.23	1.95	.57					01	.32	45									6.97
Green Mountain	White			1.03	.72	.28		.25	.06	.25		.02				1.07	.27						1.41	.57									5.93
Greenwood[2]	Arkansas	.07				2.00			.05		1.08	.03					1.44	.05						.76									5.48
Harrisburg[2]	St. Francis				.11	.65	.04		1.05		.05		.11				1.15	1 35						1.45									5.96
Harrison	White			.61	.13	.68			1.46	1.51		.39			.10	.60	.98						.17	21									6.84
Heber Springs[2]	White				.16	1.65			.82	.01	.19	.19					.40	.02						1.51									4.95
Helena[2]	Mississippi					1.47	.53	T	2.32			.03					.09	.21	.06	.50			.05	.78				.08					6.12
Henderson[2]	White				.09	.67		09	.28	.30		.57	.23		*	1.28	3.48	.02						1.46									8.47
Highland	Ouachita				.52				1.40									.85					.20		2.20	1.10							6 27
Hon[2] (near)	Arkansas			.25	.78			2.00							.50			.25					.50			.25							4.53
Hope[2]	Red				.10				.66	.12			.59					1.52	.35				.31	3.15					.03				6.83
Hot Springs	Ouachita		T.	.23	.78	.11		T.	1.03	T.	.52					.32	1.20	.08					2.04	.08				.04			.48	.28	7.19
Huttig[2](near)	Ouachita			.14	.22				.06	.10	.25						T.		.12				.61	1 20	.10			.40				.04	3.24
Index[2]	Red								2.00			.40						.95					1.90										5.25
Irons Fork[2]	Ouachita			1.28	.06	.16	.02		1.09	.03	.03	.32					3.46	.12	.03			.10	.19	2.36									9.25
Jessieville	Ouachita		.39		.69				1.40		.55					.20	1.59						1.05	1.01								.41	7.29
Jonesboro[2]	White				.01	.29	.02	1.84	.30		.82	.02					.71	.33						2.51				.06	.01				6.92

Daily Precipitation for August, 1942 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
LaCrosse [2]	White	....	....	....	.15	1.64	....	....	.27	....	....	....	....	....	....	.95	.32	....	....	....	....	....	....	1.32	....	....	....	....	....	....	....	....	4 65
Lake City[2]	St. Francis	....	....	....	....	*	.19	....	.24	....	....	....	....	....	....	....	.58	....	....	....	....	....	....	1.73	....	....	....	....	....	....	....	....	2.74
Lead Hill	White	....	....	.70	.96	.40	.30	.02	.08	.03	.12	1.37	....	....	.56	1.21	.70	....	....	....	....	....	.38	.15	....	....	....	....	....	....	....	....	6.98
Little Rock[1]‡	Arkansas	....	T.	.04	.84	.68	....	.94	....	.28	T.	....	....	....	....	.19	.83	.11	....	....	....	....	1.02	.02	....	....	.14	....	....	....	....	....	5.09
LittleRock Air'y[1]‡	Arkansas	....	T.	.07	.82	.73	....	.84	.10	T.	.28	....	....	....	....	T	1.02	.11	....	....	....	....	.94	.10	....	....	.14	....	....	....	....	....	5.15
Lutherville	Arkansas	....	....	....	.45	.15	....	....	.70	....	....	.30	....	....	.45	.75	.30	....	....	....	....	....	1.72	.18	....	....	....	....	....	....	....	....	5.00
Madison[2]	St. Francis	....	....	....	.10	2.65	.10	....	1.50	....	....	T.	....	....	....	....	.90	.75	.05	.42	.55	....	....	.40	....	....	....	.05	....	....	....	....	7.47
Magnolia	Red	....	....	....	....	....	....	....	1.54	....	.07	....	....	....	....	....	....	1.83	....	....	....	....	1.64	.22	....	....	....	....	....	....	....	....	5.30
Mammoth Spg [2]	White	T.	....	....	....	1.14	....	.56	.11	.02	.27	.12	....	....	....	.97	.25	.65	....	....	....	....	....	3.40	....	....	....	....	....	....	....	....	7.49
Marianna	St. Francis	....	....	.20	....	2.20	....	1.85	....	....	....	....	....	....	....	....	....	3.32	.10	.18	....	....	....	....	....	....	....	....	....	....	....	....	7 85
Marked Tree[2]	St. Francis	....	....	....	....	.45	....	.11	.40	....	....	.02	.07	....	....	....	.62	.35	....	....	....	....	....	.32	....	....	....	1.07	....	....	....	....	3.41
Marshall [2]	White	....	....	17	.86	1.09	....	.47	1.30	.98	....	.18	....	....	.45	3.55	.60	.01	....	....	....	.03	1.40	.58	....	....	....	....	....	....	....	.27	11 94
Marvell[2]	White	....	....	....	....	1.81	.48	....	1 05	....	.05	....	....	....	....	....	.81	.51	.46	.64	....	....	....	....	....	....	....	....	....	....	....	....	5.81
Mena[2]	Ouachita	....	....	....	.14	.43	.03	....	.81	.06	....	.05	T.	....	....	T.	2.11	.24	.15	....	....	....	T.	1.93	....	....	....	T.	....	....	....	....	5.95
Mena CCC	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Monticello Air..[1]‡	Ouachita	....	....	.25	....	.09	....	.18	.80	.20	.14	....	....	....	....	T	T.	.10	T.	T	....	.77	.34	T.	....	....	T.	T.	....	....	....	T.	2.87
Morobay [2] (near)	Ouachita	....	....	.27	1.37	....	....	....	.52	.23	.51	....	....	....	....	....	.23	.16	.70	....	.05	....	.03	.28	....	....	....	.04	....	....	....	....	4.39
Morrilton[2]	Arkansas	....	....	....	.80	.46	....	....	.60	....	.12	.04	....	....	....	....	.60	.20	T.	....	....	....	....	2.40	....	....	....	....	....	....	....	....	5.22
Mountainburg	Arkansas	....	.30	.19	.59	....	....	.24	....	....	....	....	....	....	....	.59	1.35	....	....	....	....	T.	.05	....	....	....	....	....	....	....	....	....	3.31
Mountain Home	White	....	....	....	.92	.35	....	.40	T.	....	.40	....	.10	....	2.00	1.00	1.50	....	....	....	....	....	.90	1.05	....	....	....	....	....	....	....	....	8.62
Mountain Valley	Ouachita	....	....	....	.51	.57	....	....	1.26	....	.50	....	....	....	....	....	1.79	....	....	....	.62	....	2.27	....	....	....	....	....	....	....	....	.29	7.81
Mtu. View [2](near)	White	....	....	....	.22	1.20	.68	....	.87	....	.14	.63	....	....	....	.75	1.75	T.	....	....	....	....	....	1.62	....	....	....	....	....	....	....	....	7.86
Mount Ida	Ouachita	....	....	....	2.00	.25	....	....	.14	.03	....	....	....	....	....	.23	1.55	.14	.06	....	.03	....	1.89	....	.28	....	....	.31	....	....	....	....	6.91
Mount Ida CCC	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mulberry[2]	Arkansas	....	....	....	.93	.39	....	....	.03	....	....	....	....	....	....	....	.63	....	....	....	....	....	....	.45	....	....	....	....	....	....	....	....	2.43
Nashville	Red	....	....	....	.52	....	....	....	1.40	....	....	....	....	....	....	....	.11	1.17	....	....	....	....	1.24	....	.03	....	....	63	....	....	....	T	5.10
Newhope(near) [2]	Ouachita	....	....	....	.40	....	....	....	T.	....	....	....	....	....	....	....	.87	.92	....	....	....	....	.20	1.64	....	....	....	....	....	....	....	....	4.03
Newport[2]	White	....	....	....	.31	1.36	.10	....	.57	....	.01	.14	....	....	....	....	.33	.65	....	....	....	....	.14	2.70	....	....	....	....	....	....	....	....	6.31
Nimrod	Arkansas	....	....	.60	.55	.75	....	....	.15	T.	.52	....	....	....	....	.25	1.20	T	....	....	.08	....	2.05	T.	....	....	....	T.	....	....	.04	....	6.19
Odell (near)[2]	Arkansas	....	....	....	.52	....	....	....	12	....	....	.02	....	....	....	1.03	1.80	....	....	....	.49	....	....	.03	....	....	....	....	....	....	....	....	4.01
Oden[1]	Ouachita	....	.15	....	.31	.25	....	....	.18	.11	T.	.02	....	....	....	.20	2.54	....	.03	....	....	.02	1.80	....	.26	....	....	.11	....	....	....	....	5.98
Okay	Red	....	....	....	....	....	....	....	2.40	....	....	....	....	....	....	....	.20	.65	.05	....	....	....	1.60	....	....	....	....	.90	....	....	....	....	5.80
Osceola[2]	Mississippi	....	....	....	.43	3.99	.18	1.95	.87	....	.47	....	....	....	....	....	.95	.30	T	....	....	T	T	.89	....	....	....	....	....	....	....	....	10.03
Ozark[2]	Arkansas	....	....	.02	.55	.18	....	....	....	....	....	.03	....	....	....	....	.41	.04	....	....	....	....	....	.60	....	....	....	....	T.	....	....	....	1.83
Paragould	St. Francis	....	....	.14	02	.03	.16	1.18	....	....	....	.65	.90	....	....	.25	.14	T.	....	.01	....	....	.29	2.62	....	....	.18	....	....	....	....	....	6.57
Parkin[2]	St. Francis	.37	....	....	....	1.24	.07	....	.69	....	....	....	.23	....	....	....	1.40	.59	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	4.99
Perryville	Arkansas	....	T	T.	.29	1.31	....	1.26	....	....	.57	....	....	....	....	.40	.65	.05	....	....	....	....	1 82	....	....	....	....	....	....	....	....	....	6.35
Pine Bluff [2]	Arkansas	....	....	....	T.	.01	.06	....	.67	T.	.62	.13	....	....	....	....	.30	.01	.27	.07	....	....	T.	.69	....	....	....	....	....	....	....	....	2.83
Pine Ridge[2]	Ouachita	....	....	.09	....	.04	.21	....	.75	....	....	....	....	....	....	....	....	2.65	.14	....	....	....	....	1.89	....	.12	....	....	.09	....	....	....	5.98
Pocahontas	White	....	....	.39	.30	....	....	1.72	.12	....	....	.12	....	....	....	.42	.57	....	....	....	....	....	*	2.95	....	....	....	....	....	....	....	....	6 59
Portland [2]	Ouachita	....	....	....	.10	....	....	....	.05	.28	1.68	.22	....	....	....	....	.44	T.	T.	.08	....	....	.30	48	....	....	....	.10	....	....	....	....	3.73
Prescott[2]	Ouachita	....	....	....	.10	....	....	....	1.44	.07	....	....	T.	....	....	....	....	2.33	.14	....	....	T	.25	2.93	.43	.12	....	....	T.	....	....	....	7.81
Rogers (near)	White	....	....	.81	1.53	.11	....	1.90	....	....	....	.56	....	....	.05	.88	.12	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	T.	5.96
Rosebud	Arkansas	....	....	1.52	.22	1.05	....	.17	.42	.17	....	....	....	....	....	.59	.62	....	....	....	....	....	1.22	.57	....	....	....	....	....	....	....	.05	6.60
Russellville	Arkansas	....	....	.72	.55	.27	....	.28	.30	....	....	....	....	....	....	1.36	.46	....	....	....	....	....	2.80	*	.39	....	....	.13	.63	....	....	....	7.89
St. Charles[2]	White	....	....	.02	....	1.64	....	....	1.07	....	.13	....	....	....	....	....	.52	.06	.23	.44	....	....	....	.21	....	....	....	.03	....	....	....	....	4 35
St. Francis[2]	St. Francis	....	....	....	.07	.33	....	1.75	T	.12	.08	.92	.27	....	....	....	.20	.18	....	....	....	....	....	2.50	....	....	....	T.	....	....	....	....	6.42
St. Paul[2](near)	White	....	....	....	2.00	....	....	....	....	....	.72	.25	....	....	....	1.26	1.90	....	....	.10	.08	.02	.03	....	....	....	....	....	....	....	....	....	6.36
Searcy[2]	White	....	....	....	.10	2.73	....	....	1.51	.22	.05	....	....	....	....	....	.42	1.19	....	....	....	....	....	1.70	....	....	....	....	....	....	....	....	7.92
Sheridan	Ouachita	....	....	.25	.84	.05	....	....	.85	....	1.11	....	....	....	....	.07	.34	.33	.21	....	....	....	1.26	....	....	....	....	....	....	....	....	....	5 31
Shirley [2](near)	White	....	....	....	.40	2.30	....	....	.99	....	1.41	....	....	....	....	....	.42	.15	....	....	....	....	....	2.42	....	....	....	....	....	....	....	....	8.09
Siloam Springs	White	....	....	....	1.22	....	....	....	....	....	.29	....	....	....	....	1.57	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3 08
Sparkman[2] (near)	Ouachita	....	....	....	....	....	.16	....	2.60	....	....	.32	....	....	....	....	.53	....	.71	....	....	.12	....	.84	.20	....	....	....	.02	....	....	.09	5.59
Springbank[2]	Red	....	....	....	....	....	....	....	T	.22	.22	.27	....	....	....	....	....	3.90	.17	.25	....	....	2.90	6.76	.18	T.	T	....	....	....	....	....	14 87
Stamps[2](near)	Red	....	....	....	....	....	....	....	....	3.00	.50	....	....	....	....	....	....	....	1.65	.42	....	....	....	1.65	....	....	....	....	....	....	....	....	7.22
Stephens [2] (near)	Ouachita	....	....	....	....	....	....	....	.91	....	2.10	....	....	....	....	....	....	T	....	....	....	....	....	2.00	....	....	....	....	....	....	....	....	5.01
Story[2]	Ouachita	....	....	....	....	.72	....	....	.69	....	....	....	....	....	....	....	.42	2.18	.18	....	....	....	....	1.70	.20	....	....	....	....	....	....	....	6.09
Stuttgart[2]	Arkansas	....	....	....	1.90	.90	....	.04	.37	....	1.15	T.	....	....	....	....	.17	.87	.15	T.	.07	....	....	.37	....	....	....	.19	....	....	....	....	6.18
Stuttgart Evap.[2]	Arkansas	....	....	....	10	.88	.06	....	.69	T	.98	.01	....	....	....	....	1.02	.72	.10	....	....	....	....	.14	....	....	....	....	....	....	....	....	4.70
Subiaco	Arkansas	....	T.	.37	.63	12	....	T.	....	....	....	....	....	....	.04	.20	.79	....	....	....	....	....	.84	.01	....	....	....	.11	....	....	....	....	3.11
Sugar Grove [2]	Arkansas	....	....	....	....	.52	....	....	.08	....	....	....	....	....	....	.48	1.53	....	....	....	....	....	....	1.60	....	....	....	....	.20	....	....	....	4.41
Texarkana [1]	Red	....	....	T.	T.	....	....	.01	1.84	.03	.03	.01	.16	....	....	....	1.86	2.32	....	....	....	T.	1.34	.06	....	....	T.	....	....	....	....	T.	7.66
Tichnor [2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	....	....	....	.50	.14	....	....	1.02	.50	....	.14	.05	....	.06	1.09	.30	....	....	....	....	....	1.72	.06	....	....	....	....	.17	....	....	.28	6.03
Viola	White	....	....	....	.90	.56	....	1.63	.08	.15	....	1.00	.10	....	....	.84	....	1.57	....	....	....	....	....	1.21	....	....	....	....	....	....	....	....	8.04
Wabash	Mississippi	....	....	....	15	.60	.20	....	1.43	....	.05	T.	....	....	....	....	....	....	.23	....	.04	.30	....	1.01	....	....	....	....	....	....	....	....	4 01
Waldron	Arkansas	....	....	....	.04	1.23	....	.60	.40	.21	.10	....	....	....	.05	....	.55	....	....	....	.86	....	1.26	....	....	....	....	....	....	....	....	....	5.30
Walnut Grove(nr).	White	....	....	T	.40	.31	....	.20	.95	.34	.09	....	....	....	....	.60	.26	....	....	....	....	....	.93	2.48	....	....	....	....	....	....	....	....	6.56
Warren	Ouachita	....	....	.60	....	T.	....	....	1.12	.05	.02	....	....	....	....	....	....	.23	1.20	.02	.06	....	1.43	T.	....	....	T.	....	....	....	....	.05	4.78
Whitecliffs [2]	Red	....	....	....	T.	....	....	....	2.80	....	....	....	....	....	....	....	....	1 50	.10	....	....	....	1.15	....	.42	....	T.	....	....	....	....	....	5.97
White Rock	Arkansas	....	.42	.55	.50	....	....	....	....	.21	.14	.12	....	....	T.	.08	1 64	.20	....	.10	....	....	.20	....	....	....	....	....	....	....	....	....	4.16
Wilson [2]	Mississippi	....	....	....	.10	....	....	1.00	.20	....	.40	....	....	....	....	....	.90	.40	....	....	....	....	....	.90	....	....	....	....	....	....	....	....	3.90
Wright	Arkansas	....	....	....	.54	.10	....	....	.74	.03	1.82	.02	....	....	....	T.	.05	.20	T.	....	.52	....	.70	.04	....	....	....	....	....	....	....	T.	4 76
Wynne[2]	St. Francis	....	....	....	1.70	....	....	1.76	....	.20	....	....	....	....	....	....	.40	....	....	....	....	....	T.	....	....	....	....	.40	....	....	....	....	4.46

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for August, 1942

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda.....§§	Evap.	.262	.427	.251	.252	.132	.246	.230	.314	.281	.137	.224	.076	.314	.086	.265	.155	.140	.072	.174	.168	.248	.138	.141	.149	.218	.250	.188	.052	.348	.240	.118	6.296
	Mean tem.	86	85	82	78	81	83	78	76	76	74	74	74	81	74	75	72	72	75	78	78	78	75	75	68	66	71	74	76	72	74	79	75.8
	Wind move	23	48	39	24	54	21	35	41	34	49	31	14	22	16	30	39	13	19	37	12	21	51	73	46	31	27	56	55	22	28	32	1043
Hope.........§§ Exp. Farm	Evap.	....	....	320	.228	.236	.304	.346	.308	....	....	.616	.280	.240	.192	.210	.252	.242	.050	.180	.198	.202	.192	....	.152	.148	166	.178	.114	.230	.220	.188	5.992
	Mean tem.	88	88	87	84	86	86	86	77	82	76	78	80	78	80	82	81	74	79	82	81	82	80	78	78	75	78	75	77	77	80	82	79.2
	Wind move	39	48	35	52	36	73	59	70	24	32	50	26	15	16	29	39	40	24	23	15	15	35	58	22	31	18	26	21	19	46	25	1061
Irons Fork...§§ Exp. Forest	Evap.	.218	.186	.172	.147	.076	.146	.212	.103	.074	.159	061	.165	.161	.155	.129	....	.028	.060	.068	.078	.081	.170	....	.032	.096	.118	.108	.110	.169	.148	.127	3.557
	Mean tem.	80	80	84	76	78	78	77	74	74	70	74	72	75	76	74	70	70	72	74	76	78	71	74	74	73	75	79	78	74	76	78	75.2
	Wind move	4	4	3	4	2	3	6	5	1	1	2	3	4	7	3	3	1	1	2	1	4	20	13	3	11	18	8	9	3	9	5	163
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.273	.302	....	.110	.029	.117	.245	.194	.104	.260	.116	.168	.193	.182	.201	.185	.102	.019	.147	.202	.229	.139	.026	.173	.203	.162	.131	.176	.186	.231	.204	5.009
	Mean tem.	86	81	76	78	79	78	83	78	83	78	78	75	74	76	81	77	74	78	82	79	79	76	78	72	80	70	78	76	70	80	82	78.0
	Wind move	33	41	35	38	31	35	42	55	64	34	7	17	23	6	20	30	24	2	28	16	32	35	99	16	45	30	46	32	20	49	39	1025

Daily Temperatures for August, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	99	97	97	88	92	95	95	88	95	94	87	87	87	92	93	90	82	88	92	90	89	84	86	83	82	91	90	86	85	89	92	89.8
	Minimum	72	71	70	67	68	74	63	70	66	66	67	62	63	65	68	67	67	69	67	69	71	69	70	64	54	53	72	67	65	67	71	66.9
Arkadelphia §§	Maximum	94	94	90	91	90	93	93	83	89	83	83	83	83	87	88	82	83	83	89	87	87	83	83	83	83	84	85	87	85	83	89	86.5
	Minimum	72	71	72	71	72	70	70	70	68	68	67	67	65	67	69	71	70	70	70	72	73	72	69	71	63	64	69	70	67	68	72	69.4
Batesville •••	Maximum	103	105	100	86	92	98	90	89	88	85	85	86	89	92	93	76	79	88	91	92	91	77	83	80	81	90	86	88	88	90	93	88.8
	Minimum	72	70	73	71	71	74	70	68	66	64	67	68	60	63	70	69	66	68	68	70	73	71	74	60	58	65	74	74	62	62	69	68.1
Bee Branch	Maximum	101	103	100	84	91	94	94	89	90	84	88	88	85	88	89	80	82	87	92	92	91	88	84	83	81	87	87	88	89	90	91	89.0
	Minimum	69	67	68	69	70	71	62	67	65	61	64	62	62	63	67	65	64	64	65	66	70	67	62	68	57	63	70	66	61	63	69	65.4
Benton §§	Maximum	100	98	95	88	93	95	95	93	93	85	87	87	88	90	91	91	79	88	91	91	90	84	85	81	83	90	87	88	90	90	93	89.6
	Minimum	69	66	68	69	70	70	67	68	63	63	65	61	60	62	64	67	67	68	66	67	68	70	64	66	59	59	64	66	62	62	63	65.3
Bentonville •••	Maximum	94	98	93	80	92	92	90	87	88	83	83	86	85	78	74	79	81	84	86	90	88	84	78	82	76	86	90	87	87	89	92	85.9
	Minimum	73	72	67	67	68	68	66	68	67	63	59	62	64	70	66	65	60	60	61	66	67	68	64	56	58	68	68	66	62	62	64	65.0
Bluff City	Maximum	99	99	95	94	98	104	97	96	96	94	90	89	90	92	91	92	79	87	91	90	89	88	87	83	84	90	89	87	90	90	93	91.4
	Minimum	76	75	78	74	75	75	75	68	70	71	69	69	67	71	71	70	70	72	70	71	72	72	70	69	63	69	72	69	68	69	72	71.0
Blytheville	Maximum	100	102	98	86	87	88	89	89	87	87	84	81	87	89	92	81	81	82	89	88	89	87	84	82	78	88	85	88	89	89	90	87.6
	Minimum	75	75	76	73	72	72	69	70	71	67	66	65	61	65	68	70	69	69	70	70	73	72	70	59	55	65	70	66	66	63	68	68.4
Booneville (near)	Maximum	102	103	98	94	98	98	95	91	98	84	92	92	90	92	87	81	82	88	91	91	90	89	82	83	89	90	90	89	89	92	95	91.1
	Minimum	71	69	71	73	70	71	70	70	65	66	66	63	67	70	68	69	67	64	69	69	72	71	68	65	68	72	73	69	64	69	72	68.7
Brinkley	Maximum	102	104	95	87	89	95	95	84	93	90	89	85	88	91	92	83	80	90	94	90	89	81	87	80	80	90	85	87	87	91	94	89.3
	Minimum	73	69	71	70	70	72	70	70	68	65	65	63	58	65	69	69	69	70	69	68	71	72	65	61	55	62	71	65	61	67	70	67.2
Camden	Maximum	100	101	96	94	96	99	97	93	96	91	92	92	93	95	95	92	83	88	94	95	92	79	85	87	89	93	90	92	90	96	98	92.7
	Minimum	76	76	77	74	75	76	74	71	70	71	70	68	66	68	71	72	71	71	70	70	73	72	72	71	68	68	72	66	67	71	71	71.2
Camp Robinson §§	Maximum	99	97	89	92	98	96	86	94	86	87	86	87	93	94	83	80	87	91	90	89	77	85	83	82	91	89	87	87	91	93	89	89.0
	Minimum	73	73	70	71	73	70	71	68	68	67	63	64	66	71	69	69	70	66	70	72	70	69	64	60	64	72	67	66	69	71	69	68.5
Clover Bend	Maximum	100	100	94	91	98	96	96	94	92	90	86	84	88	92	91	86	81	84	91	92	85	83	83	82	89	84	86	90	88	90	93	89.4
	Minimum	70	70	70	68	71	71	67	70	64	70	64	56	60	71	70	65	64	68	65	64	67	66	63	61	55	61	60	63	62	60	68	65.3
Conway	Maximum	106	105	98	90	94	100	98	90	97	85	90	88	90	96	97	80	80	89	93	93	92	87	87	83	84	92	92	90	89	92	95	91.7
	Minimum	73	71	72	71	72	73	70	70	70	64	66	64	65	66	70	70	69	69	68	71	74	70	70	62	59	66	72	68	69	67	72	68.8
Corning	Maximum	102	103	99	86	89	95	85	89	87	88	86	83	88	91	89	85	81	87	91	90	91	86	83	79	81	90	86	90	89	91	92	88.8
	Minimum	72	74	73	71	70	71	68	68	65	65	65	63	56	60	70	66	64	65	68	69	70	71	68	56	53	61	65	65	65	61	68	66.0
Crossett	Maximum	99	98	91	92	94	98	96	92	96	93	90	89	92	94	93	90	92	90	90	91	91	91	85	85	88	90	90	90	88	91	94	91.7
	Minimum	71	69	71	70	72	70	69	72	72	79	69	67	68	69	66	68	72	68	70	68	68	69	72	70	62	67	71	61	65	71	69	69.2
Dardanelle	Maximum	102	102	93	89	93	97	96	89	95	87	89	90	90	95	91	82	83	89	91	93	92	92	91	85	83	92	92	90	90	92	96	91.3
	Minimum	73	71	70	70	69	71	69	69	65	64	64	63	66	66	70	68	67	65	66	67	72	69	65	61	60	65	72	69	62	64	70	67.2
De Queen	Maximum	98	99	98	90	95	94	95	86	95	94	92	87	87	91	88	83	83	86	89	90	89	89	81	80	83	86	87	85	84	87	90	89.1
	Minimum	72	71	70	72	74	70	76	69	68	69	66	68	66	69	69	69	68	68	69	70	72	71	70	70	65	69	73	72	68	72	72	69.9
Des Arc	Maximum	103	103	97	87	91	97	95	90	94	88	87	87	87	92	94	82	84	87	91	91	90	84	86	82	80	91	90	89	87	91	93	90.0
	Minimum	74	72	74	71	69	73	71	70	70	64	67	65	62	67	70	69	69	69	68	69	72	71	70	62	57	64	71	67	65	66	69	68.3
Devils Knob	Maximum	93	96	86	82	87	89	88	84	87	80	82	84	80	84	79	75	74	80	81	84	82	75	79	76	71	80	83	83	82	85	88	82.5
	Minimum	75	68	70	65	65	72	72	65	67	68	61	65	62	66	64	61	63	63	66	70	70	65	63	58	56	62	69	67	65	65	68	65.7
Dumas	Maximum	103	104	92	89	90	100	101	89	95	90	90	87	91	97	94	99	84	97	93	91	91	89	88	87	87	95	90	92	92	96	95	92.8
	Minimum	75	72	73	74	74	74	74	72	70	68	70	64	65	64	63	71	72	70	70	70	70	72	73	67	60	68	73	63	65	70	73	69.6
El Dorado	Maximum	99	100	95	93	98	99	99	93	95	89	90	90	90	93	94	93	83	84	92	93	93	84	81	86	88	91	89	90	91	93	95	91.7
	Minimum	76	76	77	74	75	75	75	70	74	71	71	71	72	67	70	73	72	71	71	71	73	72	72	71	66	71	73	67	66	70	73	71.8
England	Maximum	102	102	94	90	94	97	99	88	94	92	87	86	90	94	96	81	80	85	91	91	92	89	87	82	85	90	90	90	89	95	96	90.9
	Minimum	74	73	72	71	71	72	71	69	67	64	67	63	62	64	70	70	70	68	68	68	69	69	69	63	57	69	70	63	62	66	69	67.7
Eureka Springs	Maximum	94	98	97	79	92	92	90	89	91	89	86	87	84	82	75	80	82	85	86	91	87	84	82	83	79	88	91	89	90	90	95	87.3
	Minimum	77	75	74	73	71	75	83	73	74	73	74	73	75	73	73	64	59	61	62	69	72	68	64	57	63	67	71	72	63	65	70	69.8
Fayetteville	Maximum	95	97	93	86	92	92	91	87	91	87	86	87	85	82	75	79	84	86	87	90	89	85	81	83	79	87	91	90	89	91	93	87.4
	Minimum	73	73	66	67	68	74	73	67	68	65	61	61	67	70	66	65	62	62	65	65	70	69	64	62	63	69	72	73	64	65	70	67.1
Fayetteville Exp. S	Maximum	95	97	96	85	91	91	92	89	90	87	84	87	85	80	74	78	81	84	87	89	88	85	79	82	78	86	89	88	86	91	94	86.7
	Minimum	73	72	65	65	69	74	73	65	67	64	60	61	66	69	65	65	60	61	64	65	69	68	64	58	62	69	71	72	60	61	64	65.8
Fordyce	Maximum	102	101	90	90	94	100	97	87	95	91	90	91	91	93	94	96	81	86	92	94	90	84	85	85	85	90	88	90	90	93	95	91.3
	Minimum	74	74	75	72	71	73	73	68	68	68	67	64	64	69	69	69	69	69	69	69	70	70	70	68	60	66	71	66	65	68	70	69.0
Fort Smith •••	Maximum	98	99	93	89	94	96	92	85	92	84	90	91	92	86	86	80	82	88	93	93	92	80	86	82	80	92	95	92	90	92	95	89.6
	Minimum	78	76	76	71	71	77	71	72	65	69	68	67	69	71	73	70	69	68	72	73	74	71	69	69	67	70	74	75	69	71	76	71.3
Gilbert §§	Maximum	97	98	98	97	90	95	97	90	87	88	86	85	86	89	85	85	87	88	89	92	92	93	83	85	86	88	89	90	88	90	92	89.8
	Minimum	66	67	67	66	67	62	67	66	62	61	62	62	63	62	63	65	63	63	64	66	62	65	67	58	59	58	60	61	58	60	64	63.1
Grannis	Maximum	99	102	100	90	97	95	98	85	95	83	92	89	94	93	93	84	77	87	93	93	90	81	86	81	84	88	91	87	85	88	93	90.1
	Minimum	69	68	68	70	71	67	67	66	66	65	63	64	63	65	66	66	66	65	67	65	70	68	66	68	63	67	70	69	65	68	70	66.9
Gravette	Maximum	97	102	99	84	93	92	91	88	89	90	85	89	87	84	81	82	84	86	89	92	89	88	80	83	83	88	92	89	90	91	95	88.8
	Minimum	72	72	73	68	68	73	72	65	65	66	58	62	64	69	66	66	60	61	65	67	70	69	65	58	63	63	71	71	62	64	70	66.4
Green Mountain	Maximum	100	98	96	84	86	95	94	89	85	84	84	85	84	83	84	76	79	80	94	95	89	82	80	75	73	82	81	85	87	86	91	86.0
	Minimum	75	76	63	63	64	68	70	66	66	65	62	64	63	62	66	63	65	66	71	72	70	61	58	60	57	63	63	64	68	71	78	65.9
Harrison	Maximum	101	102	97	85	94	92	92	89	91	86	86	88	85	88	80	81	82	85	87	92	88	86	80	82	79	88	91	90	89	91	93	88.4
	Minimum	70	70	68	69	69	71	69	66	64	63	62	64	65	65	68	65	64	61	62	64	68	68	66	55	57	64	69	71	59	60	67	65.3
Helena	Maximum	99	100	95	83	87	92	92	89	90	89	83	85	87	89	91	88	80	82	89	87	85	84	83	79	82	87	83	88	88	92	93	87.8
	Minimum	75	73	72	72	69	74	72	70	70	66	71	65	63	66	72	69	70	71	72	70	71	70	71	62	59	68	71	64	66	70	72	69.2
Highland	Maximum	96	95	95	94	94	95	90	92	95	94	91	91	83	82	93	90	93	94	89	90	88	88	90	85	92	91	93	90	91	92	90	91.3
	Minimum	73	76	76	74	75	74	73	71	70	68	74	74	69	73	72	69	70	73	64	72	70	67	69	73	72	71	69	74	70	69	68	71.4
Hope §§	Maximum	100	102	98	95	99	100	99	84	95	83	91	91	91	94	94	91	80	88	93	92	91	87	86	84	86	92	85	89	87	92	94	91.4
	Minimum	75	75	76	73	74	73	73	70	69	70	67	68	65	66	70	71	69	70	70	70	72	72	71	71	64	65	65	65	67	69	71	66.9
Hot Springs	Maximum	101	98	96	88	94	96	95	84	95	86	90	88	90	92	94	84	82	88	92	88	92	88	88	82	84	92	88	89	89	93	93	90.0
	Minimum	79	79	72	70	70	78	75	70	69	67	68	64	66	69	73	68	68	70	69	70	73	71	68	68	62	67	73	68	67	71	71	70.1
Irons Fork §§	Maximum	96	95	94	85	90	92	92	82	91	79	87	87	86	89	85	76	76	85	88	90	87	74	85	77	83	86	88	87	85	88	90	86.3
	Minimum	65	64	65	67	66	63	62	65	58	60	60	57	64	64	64	65	65	60	61	63	69	68	62	65	63	64	70	68	64	65	67	64.0
Jonesboro	Maximum	100	101	99	86	89	96	91	89	85	87	83	82	86	91	89	75	81	85	89	86	89	87	82	80	79	88	84	88	88	90	92	87.6
	Minimum	77	76	75	71	73	73	69	70	68	66	69	67	59	62	70	68	67	69	70	69	73	71	70	60	57	63	71	66	64	64	72	68.4
Lead Hill	Maximum	102	104	96	83	92	96	88	90	91	87	86	86	86	87	77	81	82	86	89	90	89	82	82	80	80	89	91	90	88	89	94	88.2
	Minimum	68	67	69	71	71	71	71	65	63	62	63	63	64	64	69	64	63	60	61	63	66	69	66	53	55	64	72	70	59	58	65	64.8
Little Rock ••• (Airport)	Maximum	101	99	94	89	91	97	96	83	94	86	87	85	87	91	93	80	79	85	89	90	90	78	85	81	82	90	87	86	87	91	93	88.6
	Minimum	75	74	72	71	72	74	72	71	68	66	70	65	66	69	72	70	70	72	69	72	74	72	71	66	62	68	73	70	67	69	73	70.2
Lutherville	Maximum	100	102	95	89	93	96	95	86	93	85	89	89	87	90	90	83	80	88	90	92	89	81	86	82	78	88	86	88	87	91	92	89.0
	Minimum	72	70	70	70	67	71	69	68	67	64	62	63	61	66	68	65	65	64	66	68	72	68	65	61	57	65	72	68	64	66	70	66.6
Magnolia	Maximum	98	99	97	95	100	99	98	98	95	95	95	98	99	100	102	100	100	95	96	100	102	91	92	88	90	93	91	92	90	93	95	96.0
	Minimum	74	74	82	74	73	72	75	69	72	70	69	71	62	70	71	71	70	70	71	70	73	72	71	70	66	71	72	67	68	72	72	71.1
Mammoth Spring	Maximum	101	102	99	84	90	96	83	90	84	88	87	87	89	92	87	80	84	87	88	92	94	84	80	82	81	90	85	91	89	90	93	88.7
	Minimum	69	69	70	71	71	70	69	74	64	63	67	57	60	62	70	64	62	62	64	67	64	71	68	56	54	57	73	68	62	60	65	65.3
Marianna	Maximum	101	101	96	91	91	93	92	91	92	87	85	84	88	90	92	88	86	86	92	88	87	87	84	84	80	90	85	88	87	92	92	89.4
	Minimum	76	72	72	72	70	74	72	69	71	66	71	65	60	64	71	68	70	69	69	69	69	70	69	69	59	57	57	57	65	69	69	67.7
Marked Tree §§	Maximum	100	100	97	86	87	96	95	97	88	89	84	85	88	91	93	78	81	87	91	90	90	83	82	80	82	87	84	88	89	92	94	88.8
	Minimum	75	74	74	72	70	71	70	68	70	65	68	64	58	62	65	68	68	69	70	69	70	70	70	60	55	60	68	65	62	63	63	67.0
Mena	Maximum	98	101	99	92	97	98	97	88	95	81	88	90	90	93	94	77	78	86	90	92	90	81	85	80	85	87	89	89	86	89	90	89.5
	Minimum	72	72	71	71	68	72	71	69	64	65	64	63	64	66	71	66	67	66	67	68	69	68	66	65	63	68	71	69	64	67	71	67.7
Monticello •••	Maximum	100	101	90	90	88	97	98	87	93	91	88	88	87	93	95	89	83	88	93	90	90	85	84	85	87	92	90	90	90	94	96	90.7
	Minimum	76	73	75	73	73	73	72	72	72	70	70	66	66	69	71	73	72	70	70	71	70	71	73	69	61	69	73	64	67	71	72	70.5
Morrilton §§	Maximum	101	100	97	88	95	96	95	87	95	83	87	87	87	94	88	80	79	86	90	91	93	78	85	80	81	91	89	87	87	89	94	89.0
	Minimum	71	69	69	71	72	73	70	70	67	64	65	63	65	67	69	69	69	67	68	70	73	71	68	63	60	62	69	60	63	65	71	67.5
Mountain Home	Maximum	101	104	89	84	92	98	88	90	89	86	88	86	85	91	82	82	83	87	89	93	90	86	83	80	82	90	89	90	88	89	94	88.6
	Minimum	70	68	68	69	70	72	69	65	63	61	60	62	60	62	68	64	64	62	62	65	68	66	64	55	54	60	71	67	61	60	67	64.4
Mt. Ida	Maximum	100	102	99	90	94	95	95	86	96	85	89	86	89	94	92	82	80	88	90	92	90	82	88	81	83	90	90	88	86	90	92	89.8
	Minimum	68	66	66	67	69	67	65	70	62	63	61	59	59	62	67	67	66	61	66	67	68	68	65	65	60	65	70	67	62	60	68	65.0
Nashville	Maximum	100	100	100	94	98	102	101	84	95	90	92	89	89	94	95	88	88	87	93	92	90	90	86	82	85	90	87	86	86	89	92	91.4
	Minimum	74	73	73	72	75	71	71	70	70	70	68	70	68	69	70	72	67	71	72	72	74	72	71	68	65	69	73	71	71	73	73	70.9
Newport	Maximum	100	101	99	86	90	97	95	88	91	87	85	85	88	90	93	76	79	87	92	92	89	80	85	81	81	91	85	88	89	92	95	88.9
	Minimum	74	73	74	73	72	74	70	70	68	65	69	68	61	64	73	69	68	69	69	69	75	71	70	61	58	64	72	67	63	65	70	68.6
Oden •••	Maximum	97	99	97	90	95	94	93	86	95	83	90	90	90	95	90	81	82	89	91	93	91	80	88	82	85	88	86	89	87	91	94	89.7
	Minimum	70	69	69	70	70	72	68	70	65	65	66	61	65	65	69	69	70	67	67	69	72	71	68	67	64	69	63	70	65	68	73	67.9

Daily Temperatures for August, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	99	100	100	101	99	99	99	96	98	95	96	91	91	94	94	95	86	89	93	94	92	88	89	86	87	90	91	87	87	95	98	93.5
	Minimum	74	74	72	75	73	69	73	68	68	70	67	71	65	71	69	71	70	71	71	71	74	72	72	67	65	69	74	71	68	72	72	70.6
Ozark	Maximum	102	103	99	89	97	98	96	90	96	95	93	94	93	95	93	90	83	90	93	96	95	91	86	84	80	94	94	92	92	93	97	93.0
	Minimum	72	69	71	70	69	70	70	68	66	67	64	63	68	71	68	68	65	65	69	68	73	70	66	65	64	69	72	72	65	69	75	68.4
Paragould	Maximum	99	98	100	86	88	94	88	89	89	86	84	82	85	90	88	75	81	84	89	86	88	87	80	80	77	87	82	85	85	83	89	86.6
	Minimum	71	72	75	71	71	70	69	69	67	66	66	65	57	60	71	68	65	67	66	68	63	70	69	58	54	61	76	64	61	61	69	66.5
Perryville	Maximum	103	101	98	91	95	99	98	88	96	91	88	87	90	94	91	81	79	86	92	92	92	86	86	85	82	93	90	88	88	91	93	90.8
	Minimum	69	67	68	69	70	70	68	68	68	63	64	61	63	64	68	68	67	67	69	68	70	70	68	63	57	64	71	62	61	63	71	66.3
Pine Bluff	Maximum	104	105	91	95	97	103	100	91	98	92	89	90	93	94	94	87	80	89	93	94	91	86	88	87	86	95	90	94	92	97	97	93.0
	Minimum	78	78	78	75	75	76	76	72	72	68	70	67	67	70	73	72	70	73	72	73	72	72	73	68	63	69	74	69	69	70	75	71.9
Pocahontas	Maximum	102	103	101	82	88	97	90	89	90	88	87	86	87	90	92	91	84	88	93	91	90	88	88	83	81	90	88	89	90	92	94	90.1
	Minimum	72	72	72	71	71	70	67	68	66	65	67	65	53	60	70	66	66	67	69	68	71	70	70	58	55	63	72	66	63	63	70	66.8
Portland	Maximum	100	101	91	91	95	99	98	91	92	90	91	90	92	94	95	91	90	90	90	90	89	90	85	86	90	93	90	93	90	97	95	92.2
	Minimum	77	75	71	76	76	77	75	77	75	74	74	71	70	72	74	76	78	74	76	75	75	74	77	73	68	73	77	69	71	74	76	74.2
Prescott	Maximum	102	102	98	96	100	101	100	97	96	96	93	91	92	95	96	95	85	89	93	94	93	90	87	84	86	93	91	90	87	93	95	93.5
	Minimum	76	76	77	74	75	74	75	71	70	71	69	69	67	70	71	72	69	72	71	72	73	72	71	69	64	69	72	69	68	71	72	71.3
Rogers	Maximum	96	99	96	81	92	92	90	87	91	83	82	87	86	81	76	79	83	86	88	89	87	85	78	82	76	86	90	88	86	89	92	86.5
	Minimum	71	70	70	61	67	71	65	66	67	65	58	63	64	67	66	65	66	67	65	64	69	68	64	57	60	67	67	70	62	62	70	65.6
Russellville	Maximum	102	102	98	89	95	96	96	89	95	87	89	87	88	92	89	80	81	88	91	92	91	88	86	84	81	91	90	88	87	91	94	90.2
	Minimum	72	69	75	78	72	72	70	69	67	65	65	63	67	65	70	70	74	67	67	67	72	71	68	62	60	68	75	70	65	67	68	68.7
St. Charles §§	Maximum	100	100	94	86	90	96	94	88	94	91	89	87	90	90	85	88	84	87	93	89	88	85	88	82	83	90	86	89	88	92	94	89.7
	Minimum	75	71	72	73	68	72	70	69	68	64	69	63	60	64	70	69	69	69	69	68	69	69	69	61	57	64	72	65	64	69	72	67.8
Searcy	Maximum	101	102	98	87	91	96	93	88	90	85	85	85	85	89	90	76	80	85	88	89	87	80	82	80	79	90	85	85	86	89	92	87.7
	Minimum	74	71	73	72	71	74	70	69	70	65	67	67	62	67	71	69	68	70	69	70	74	70	70	62	60	65	72	67	64	67	72	68.8
Sheridan	Maximum	100	102	95	90	92	98	97	90	95	89	88	86	89	91	92	84	82	86	92	92	90	81	87	82	84	90	89	89	87	93	94	90.2
	Minimum	70	68	68	68	70	70	68	66	67	61	64	60	60	65	67	67	67	68	66	66	70	68	67	63	56	62	69	63	61	64	67	65.7
Siloam Springs	Maximum	94	98	96	85	90	91	83	95	89	84	85	90	82	80	80	78	80	85	87	89	86	83	78	83	75	85	87	86	87	90	92	86.2
	Minimum	73	72	74	67	68	74	73	68	68	65	60	62	66	64	65	66	60	61	64	65	70	68	65	59	61	66	70	70	61	65	69	66.4
Stuttgart	Maximum	102	102	103	95	87	91	97	97	85	94	91	87	87	87	91	92	85	81	89	92	90	87	80	86	83	83	92	86	89	88	92	90.0
	Minimum	72	70	72	72	69	71	71	69	68	64	66	65	62	62	67	69	69	69	68	70	69	69	69	63	58	58	66	63	64	64	69	67.0
Stuttgart (near) §§	Maximum	98	91	80	85	89	94	94	85	96	90	88	85	87	86	91	85	80	87	92	88	88	81	87	81	82	76	85	87	77	91	93	87.1
	Minimum	74	71	73	72	70	72	72	70	70	65	69	65	62	67	71	69	69	70	71	70	70	70	70	63	59	63	70	64	63	68	71	68.5
Subiaco	Maximum	103	105	97	92	96	99	95	90	98	85	93	93	92	94	90	83	82	90	93	95	92	88	88	85	84	90	93	91	91	94	98	92.2
	Minimum	75	74	72	70	70	74	71	70	72	66	65	65	67	66	70	68	67	65	69	69	74	69	67	65	62	67	73	74	65	67	72	69.0
Texarkana ***	Maximum	97	98	98	94	98	98	98	87	96	82	91	85	90	93	92	89	82	88	91	92	90	85	80	85	86	85	88	89	87	92	92	90.3
	Minimum	76	76	78	77	75	75	76	72	71	72	69	73	68	73	72	72	71	72	72	71	74	73	72	72	68	71	74	72	70	73	73	72.7
Turnpike	Maximum	95	95	89	80	86	89	87	81	85	79	81	83	79	85	81	73	76	84	73	76	77	75	77	77	72	83	85	75	81	84	88	81.6
	Minimum	74	74	70	66	71	73	70	64	64	64	59	64	62	66	63	61	62	62	66	68	69	64	63	57	55	62	68	66	65	65	67	65.3
Wabash	Maximum	98	99	99	91	91	95	95	95	93	91	87	87	89	91	92	86	86	89	91	89	90	85	85	85	82	90	85	85	88	93	92	90.1
	Minimum	74	71	71	70	69	73	71	68	69	62	69	61	57	60	67	68	68	67	68	67	70	68	70	59	55	62	69	59	58	73	78	66.8
Waldron	Maximum	98	100	98	91	95	97	95	85	94	81	89	90	90	90	89	81	80	88	91	92	91	88	87	81	85	89	91	90	89	91	95	90.0
	Minimum	69	67	70	70	67	69	68	69	60	64	65	63	63	66	68	67	66	63	67	68	69	69	64	66	64	68	69	70	63	65	69	66.6
Warren	Maximum	102	103	95	91	92	97	97	94	96	95	90	88	91	93	95	90	89	87	93	93	92	89	85	85	86	92	90	90	89	95	94	92.2
	Minimum	78	76	74	74	70	76	74	72	73	70	71	67	65	68	72	73	72	70	71	72	72	72	74	70	63	69	74	65	66	72	73	71.2
White Rock	Maximum	92	94	91	80	87	89	87	82	87	78	83	83	82	80	80	77	72	82	80	85	86	76	79	77	75	82	85	85	86	86	90	83.2
	Minimum	73	70	68	64	65	63	71	65	66	65	61	63	62	66	62	60	62	61	62	68	65	63	62	59	56	63	68	67	65	64	68	64.4
Wilson	Maximum	104	102	98	88	88	95	93	87	88	90	87	83	87	91	93	81	83	86	90	90	90	86	83	80	80	89	83	88	89	93	93	89.0
	Minimum	76	75	75	72	71	72	69	69	70	66	67	63	59	61	68	68	68	70	69	68	61	71	71	59	54	62	69	59	62	63	69	67.0
Wright	Maximum	98	99	96	92	90	95	96	92	92	92	85	87	90	90	91	83	84	85	94	90	87	87	87	80	89	90	87	86	90	91	91	89.9
	Minimum	73	73	73	70	72	69	72	68	67	64	61	64	61	65	69	68	68	70	70	69	69	69	69	63	58	65	70	64	67	63	70	67.5
Wynne	Maximum	103	103	101	98	92	97	95	87	94	89	84	84	93	91	93	83	80	87	91	91	91	85	82	81	82	91	86	89	90	94	94	90.4
	Minimum	72	71	71	69	70	71	69	67	69	64	67	63	54	62	69	66	67	69	67	66	70	70	69	57	55	63	69	62	61	64	69	66.2

Daily River Stages for August, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	20	31
Fort Smith	Arkansas	22	6.9	6.7	6.5	6.3	6.3	6.6	6.7	8.0	7.2	6.6	6.5	6.7	7.0	6.9	6.9	11.4	15.7	15.1	12.7	10.7	9.9	9.2	8.4	8.1	8.3	8.2	8.4	8.7	8.4	8.4	8.3
Van Buren	do	22	6.1	5.9	5.7	5.6	5.6	5.9	6.8	7.4	6.5	5.9	5.8	5.9	6.3	6.2	6.1	9.6	16.2	15.8	13.2	10.9	9.6	8.8	7.8	7.2	7.4	7.3	7.6	8.1	7.6	7.7	7.5
Danville	Petit Jean	20	2.5	2.5	2.5	2.5	2.6	2.8	2.8	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.9	3.0	2.9	2.9	2.8	2.8	4.6	4.9	3.4	3.3	3.0	2.9	3.0	3.0	3.0
Ozark	Arkansas	22	2.4	2.1	2.0	1.8	1.6	1.5	2.0	2.2	3.1	2.2	1.9	1.9	2.0	2.3	2.2	2.2	10.8	12.0	10.9	8.7	6.0	5.3	4.5	3.7	3.5	3.6	3.6	3.9	4.1	3.7	3.7
Dardanelle	do	22	5.3	5.0	4.8	4.8	4.6	4.4	4.3	4.8	5.9	5.7	5.0	4.5	4.4	4.7	5.0	4.9	5.3	13.8	13.8	11.7	9.8	8.5	8.0	7.9	6.3	6.2	6.2	6.2	6.6	6.5	6.2
Morrilton	do	20	0.7	0.4	0.2	0.0	0.0	0.3	-0.6	-0.4	0.6	1.4	0.7	0.1	-0.4	-0.3	0.1	0.4	0.2	7.8	10.2	8.6	6.8	6.0	4.4	3.4	2.4	1.8	1.8	1.7	1.8	2.2	1.8
Little Rock	do	23	2.8	2.7	2.5	2.3	2.3	2.2	2.2	1.9	1.9	2.7	3.2	2.8	2.2	1.8	1.8	2.2	2.4	2.4	9.6	10.3	8.6	7.0	6.0	5.6	4.9	4.2	3.7	3.7	3.6	3.7	3.9
Pine Bluff	do	25	6.3	6.2	6.0	5.8	5.6	5.5	5.5	5.4	5.0	5.2	6.1	6.6	6.0	5.5	4.9	5.3	5.5	5.6	8.6	14.1	13.8	12.0	10.4	9.6	9.1	8.3	7.3	7.1	7.0	6.9	7.1
Gilbert	Buffalo	30	3.0	2.9	3.0	3.0	3.3	3.2	3.2	3.6	3.5	3.2	3.2	3.2	3.5	3.5	3.9	4.8	5.8	4.6	4.2	4.0	3.8	3.7	3.9	3.8	3.6	3.6	3.5	3.5	3.4	3.4	3.3
Black Rock	Black	14	2.5	2.5	2.4	2.5	2.5	2.6	3.4	4.1	3.1	2.9	2.8	2.8	2.8	2.8	2.7	3.5	3.0	3.2	3.0	2.7	2.7	2.5	4.8	12.0	9.0	6.0	5.3	4.8	4.5	4.4	4.2
Heber Springs	Little Red	30	1.9	1.9	1.9	1.9	2.5	2.6	2.6	2.7	4.6	4.1	5.6	5.5	5.2	4.4	4.1	3.8	3.6	3.3	4.2	3.8	3.5	3.4	3.5	9.7	9.2	5.9	5.2	4.6	4.4	4.1	3.8
OzarkBeachMo	White	30	-0.6	-0.6	-0.6	-0.6	-0.6	-0.3	-0.6	-0.5	-0.6	-0.6	-0.6	0.4	-0.5	-0.5	-0.5	-0.5	1.0	1.0	1.4	0.8	1.4	1.4	0.2	0.5	0.6	-0.5	0.7	0.9	-0.6	-0.6	-0.5
Cotter	do	21	1.7	1.7	1.7	1.7	1.7	1.8	1.6	1.7	1.7	1.9	1.9	1.9	2.3	2.0	2.3	3.8	3.3	3.0	2.7	2.5	2.3	3.3	3.6	2.7	2.5	2.2	2.0	2.0	1.9	1.8	1.7
Calico Rock	do	18	1.0	0.9	0.8	1.2	1.4	1.1	1.1	1.3	1.4	1.6	1.6	1.6	1.6	1.8	1.9	4.4	4.3	4.2	2.8	2.6	2.3	2.4	6.3	4.0	2.8	2.2	1.9	1.7	1.6	1.8	1.6
Batesville	do	23	5.2	4.8	4.6	4.6	5.9	5.3	4.9	5.6	5.3	5.3	6.0	5.7	5.5	5.4	5.6	6.6	10.0	8.6	8.3	7.0	6.5	6.2	7.4	9.7	8.0	6.9	6.2	5.9	5.5	5.4	5.5
Newport	do	26	1.1	1.0	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8	1.0	1.4	1.4	1.4	1.4	1.4	3.8	5.5	4.9	4.1	3.0	2.5	3.7	5.9	8.0	7.4	5.9	4.4	3.8	2.9	2.8
Georgetown	do	21	2.3	2.2	2.1	2.0	2.2	2.5	2.7	3.0	3.7	3.8	3.9	3.7	3.7	3.7	3.6	3.3	3.5	4.3	6.0	6.4	6.3	5.6	4.9	4.3	7.0	9.5	9.9	9.0	7.9	6.8	6.0
Des Arc	do	24	4.9	4.8	4.7	4.4	5.2	5.3	5.7	5.8	6.5	6.6	6.7	6.5	6.4	6.3	6.0	5.9	5.9	6.2	7.5	8.5	8.9	8.5	7.8	7.6	8.2	10.5	11.7	11.6	10.9	9.9	9.0
Clarendon	do	26	9.3	9.3	9.2	9.1	9.2	9.4	9.7	9.9	10.2	10.7	10.9	11.0	11.0	10.9	10.8	10.7	10.6	10.5	10.9	11.8	12.7	13.1	12.9	12.5	12.3	13.0	14.5	15.3	15.5	15.1	14.5
St. Charles	do	25	9.7	9.6	9.6	9.4	9.2	9.4	9.8	10.1	10.3	10.5	10.9	11.3	11.2	11.0	10.9	10.9	10.9	10.7	10.8	11.3	12.1	12.7	12.9	12.6	12.4	12.1	12.5	14.0	14.8	14.8	14.5
Glenwood	Caddo	..	5.5	5.5	5.5	5.9	5.8	5.6	5.5	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.7	5.6	5.5	5.5	5.6	5.5	5.5	6.3	5.9	5.8	5.7	5.6	5.6	5.6	5.5	5.5
Arkadelphia	Ouachita	17	5.1	4.4	4.3	4.0	4.2	4.8	4.6	4.7	4.6	4.1	4.1	4.0	4.0	3.9	3.9	4.1	4.0	4.0	4.4	4.2	4.4	4.2	6.0	6.0	5.2	5.3	5.9	6.6	6.6	5.9	4.2
Boughton	Little Mo.	20	3.3	3.2	3.2	3.2	4.8	3.9	3.8	4.8	4.4	4.4	4.1	4.1	4.0	3.7	3.6	3.6	3.6	3.9	3.9	3.6	3.6	3.8	5.4	7.8	8.4	6.2	5.8	5.6	5.5	5.0	4.4
Camden	Ouachita	26	4.5	4.6	4.5	4.4	4.1	4.0	4.0	4.5	4.8	5.1	4.9	4.3	4.1	4.1	4.0	3.9	3.9	4.1	4.1	4.2	4.3	4.5	4.7	5.5	7.6	7.8	7.5	6.7	6.1	6.3	6.4
Benton	Saline	20	3.1	3.1	3.1	3.3	3.4	3.3	3.3	3.4	4.5	4.6	4.9	4.5	4.3	4.3	4.3	4.5	4.6	4.7	5.2	5.0	4.6	4.2	8.4	8.1	7.6	7.4	5.9	5.6	5.3	5.3	5.3
Index	Red	25	7.1	7.1	7.1	7.0	7.0	7.0	7.0	7.4	7.4	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.6	8.8	8.6	8.6	7.6	7.6	8.4	9.4	9.8	9.8	8.9	8.5	8.2
Fulton	do	25	6.3	6.0	5.6	5.2	5.4	5.9	6.0	6.4	6.2	6.2	6.2	6.3	6.4	6.3	6.3	6.2	6.1	6.3	7.2	7.9	8.5	8.2	7.7	7.5	8.0	8.6	9.5	9.3	8.8	8.4	8.0
Big Lake Outlet	St. Francis	10	3.4	3.3	3.3	2.8	2.6	2.7	3.1	3.2	3.2	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.9	3.9	3.8	3.6	3.6	3.4	3.9	3.8	3.8	4.1	4.7	5.4	6.0	6.4	6.7
St. Francis	do	18	3.8	3.8	3.7	3.6	3.6	3.6	4.4	4.7	4.9	5.2	6.7	7.0	7.0	6.9	6.7	5.7	5.3	5.3	5.2	5.2	5.1	5.0	5.2	9.7	13.0	13.8	13.6	13.3	12.8	11.0	9.4
St. Francis L.L.	do	..	16.2	16.2	16.3	16.0	15.8	15.3	16.9	17.9	18.6	17.8	16.9	16.0	15.0	15.7	16.2	16.7	16.4	16.1	15.9	15.7	15.5	16.0	16.5	16.8	17.3	16.9	16.9	17.0	17.3	17.5	17.7
Marked Tree	do	17	4.7	3.6	3.6	3.6	3.5	3.5	1.2	1.0	0.8	4.6	4.6	4.5	4.0	3.5	3.4	3.3	4.1	4.3	4.3	4.2	4.1	3.5	3.4	3.5	3.5	4.5	4.6	4.6	4.7	5.0	5.2
Parkin	do	28	4.1	3.7	3.3	3.1	3.3	3.2	3.1	2.5	1.8	1.8	3.3	4.0	3.9	3.8	3.4	3.4	3.3	3.6	3.8	3.8	3.8	3.7	3.5	3.4	3.3	3.3	3.8	4.0	4.1	4.1	4.3
Madison	do	32	2.6	2.7	2.5	2.2	3.0	2.4	2.2	2.3	1.9	1.3	1.2	2.0	2.5	2.5	2.4	2.6	2.4	2.2	2.2	2.3	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.3	2.4	2.4	2.4
Helena	Mississippi	42	14.0	13.0	11.9	11.0	10.9	10.9	11.1	12.1	12.8	13.5	14.7	15.9	16.8	17.3	17.6	17.9	17.9	17.9	17.8	17.7	17.3	16.5	15.2	13.6	13.0	13.7	15.0	15.5	15.6	15.6	15.8
Arkansas City	do	42	12.2	11.4	10.6	9.6	8.9	8.4	8.3	8.5	9.0	9.6	10.2	11.1	12.2	13.1	13.6	13.9	14.0	14.0	14.1	14.3	15.0	15.4	14.9	13.7	12.4	11.4	11.4	12.0	12.4	12.5	12.6

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters [a],[b],[c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Corley, Paris; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Highland, R.F.D.3, Nashville Hou, Waldron; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Springbank, Doddridge; Stamps, Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Mulberry, Route 1, Mulberry; Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVII Little Rock, Ark., September, 1942 No. 9

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GENERAL SUMMARY

September temperatures averaged 3.1° below normal in Arkansas. Temperatures were above normal nearly every day until the 20th, when a cold polar air mass spread over the State, resulting in much colder weather during the remainder of the month. On some days during the last decade temperatures averaged from 15° to 20° below normal. Many stations reported the lowest September temperatures of record on the 27th, 28th or 29th, with killing frost at some stations in the northwestern counties, and light to heavy frost in other portions of Arkansas. There was considerable frost damage to beans, tomatoes and late potatoes in some northwestern counties but in the central and southern sections damage was negligible. The lowest temperature recorded in Arkansas during September was 28° at Gravette on the 27th. Over one-third of the stations recorded freezing temperatures on one or more mornings during this cold spell. The highest temperature reported was 100° at Okay on the 12th. Practically all stations reported temperatures of 90° or higher on several days. There was ample sunshine for crops.

While precipitation averaged slightly above normal for the State as a whole, amounts varied considerably in different sections. Many stations in the eastern half of Arkansas measured less than two inches. In the northwestern section precipitation ranged from three to over five inches. Rainfall of seven to ten inches occurred in those southwestern counties lying between the Red River and the headwaters of the Ouachita River. Most of this rain fell from the 6th to the 9th, when several stations measured from three to six inches in 24 hours. These excessive rains caused flood stages on the Little Missouri and Ouachita Rivers, resulting in damage to crops in the lowlands. The most precipitation measured during the month was 10.44 inches at New Hope, the least was 0.35 inch at Warren. The greatest amount measured in 24 hours was 6.07 inches at Nashville on the 9th. There was an average of 7 rainy days, 15 clear, 8 partly cloudy and 7 cloudy days during September.

Except for the rainy period from the 6th to the 9th, September weather was very favorable for haying and harvesting, but too dry in some sections for growth of late crops and gardens. Cotton was being picked early in the month and picking was in full progress by the 15th. Corn was maturing and being gathered during the latter part. Fall plowing and the seeding of winter grains advanced normally. As the month ended the soil was becoming quite dry in many sections of the State and good rains were needed.

B. N. W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville	30.13	30.55	20	29.67	26	5.6	17	s.	5	..	..	..	62
Fort Smith	30.05	30.43	28	29.79	25	6.1	25	nw.	6	..	..	..	69
Little Rock	30.04	30.46	23	29.82	26	6 5	26	n.	26	91	57	65	74
Memphis ..	30.04	30.44	28	29 74	26	7.0	25	n.	26	87	51	65	73

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense fog.	3	4	5	3	3	3	3	2	3	7	7	3	..	1	5	4	1	1	..	.	..	1	..	..	.	2	..	.	.	1
High winds		1	..	..	..	2	1	..	..	.	..	.	..	..	..	..	..	..	2	..	.	..	..	1	..	3	2	..	..	..
Hail........	..	..	..	..		..	..	..	..	..	..		..	..	..		..		..	..	..	..	..	..	.	1	.	..	..	..
Thunderstorms ..	2	3	1	.	9	21	17	18	14	1	.	1	.	1		..	4	6	2	..	..	..	..	1	..	5	1	..	..	..

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	73.4	102	40	0.94	0	2	22	6	2
1892	70.8	96	32	2.14	0	3	23	4	3
1893	74.0	103	36	3.75	0	5	19	5	6
1894	73.1	100	38	3.56	0	6	14	8	8
1895	77.1	105	32	1.36	0	4	19	7	4
1896	73.3	106	35	3.25	0	10	11	9	10
1897	76.6	108	33	0.60	0	2	21	7	2
1898	75.2	104	40	7.35	0	8	15	6	9
1899	71.9	109	28	1.21	0	3	20	7	3
1900	78.0	104	48	4.25	0	7	12	12	6
1901	72.6	101	32	3.08	0	4	18	8	4
1902	68.4	99	30	5.06	0	8	15	8	7
1903	70.7	102	34	2.47	0	5	18	7	5
1904	75.4	101	37	2.46	0	5	15	9	6
1905	74.2	100	44	3.90	0	8	16	7	7
1906	75.7	100	47	6.24	0	10	11	9	10
1907	73.9	106	38	2.22	0	4	19	8	3
1908	73.4	101	29	4 00	0	7	13	8	9
1909	74.7	108	31	2 84	0	5	18	7	5
1910	76.4	101	44	2.41	0	5	18	8	4
1911	79.0	102	46	3.67	0	6	18	9	3
1912	78.5	106	32	2.40	0	4	18	8	4
1913	71.7	108	33	10.10	0	13	9	9	12
1914	74.4	101	38	3.19	0	5	16	9	5
1915	74.9	100	34	1.43	0	3	16	8	6
1916	72.5	102	30	3.40	0	6	19	6	5
1917	71.8	99	37	1.76	0	4	18	7	5
1918	67.3	104	29	4.63	0	7	16	5	9
1919	74.6	108	40	2.72	0	4	15	8	7
1920	74.9	100	30	3.56	0	6	17	6	7
1921	79.6	104	35	3.38	0	6	14	9	7
1922	76.2	106	37	1.25	0	3	22	5	3
1923	73.0	98	45	5.56	0	9	12	7	11
1924	69.7	103	29	3.99	0	7	17	5	8
1925	80.5	113	47	5.96	0	7	16	7	7
1926	76.8	101	40	3.99	0	7	14	8	8
1927	75.9	105	32	3.37	0	6	16	8	6
1928	70.5	101	32	0.45	0	1	22	5	3
1929	73 4	102	41	2.46	0	5	15	8	7
1930	75.7	106	35	4.10	0	8	15	8	7
1931	78.4	102	34	1.00	0	3	22	7	1
1932	73.8	103	35	2.54	0	6	12	10	8
1933	78.5	102	41	5.10	0	8	15	8	7
1934	71.3	100	37	5.46	0	8	15	7	8
1935	72.4	103	35	3.13	0	5	18	5	7
1936	78.9	109	38	4.15	0	7	12	10	8
1937	72.7	102	34	4.27	0	7	16	8	6
1938	75.7	107	32	1.55	0	4	17	10	3
1939	79.9	112	35	1.77	0	2	22	6	2
1940	71.2	100	31	1.83	0	4	17	7	6
1941	75.4	102	39	3.60	0	5	15	9	6
1942	71 3	100	28	3.52	0	7	15	8	7
Period	74.4	113	28	3.32	0	6	16	8	6

Corrections for August:--Hope, mean minimum, 69.9°: monthly mean 80.6°, departure from normal, −1.8°. Lutherville, monthly mean, 77.8°, departure −1.7°. Stuttgart, (near), monthly mean, 77:8°. Russellville, number days with 0.01 or more precipitation, 11. Little Rock, page 44, total precipitation 4.95 inches, departure +1.20; page 45, precipitation on 5th, 0.54, total 4.95 inches.

Climatological Data for September, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline..........	755	5	71.2	......	93	12	36	27§	1.68	......	0.91	8	0.0	3	13	13	4	n.	L. R. Water Works
Arkadelphia	Clark..........	200	46	74.2	......	93	11§	33	27	4.63	+1.29	1.98	10	0.0	9	16	8	6	se.	Mrs. Ted R. Carpenter
Arkansas City.....	Desha	145	57	......	......	......	......	......	......	2.37	−0.58	0.91	17	0.0	5	24	2	4	......	George W. Reitzammer
Batesville Airway.	Independence...	363	5	71.0	− 1.6	96	11	35	27§	3.97	......	1.08	5	0.0	8	16	8	6	s.	Airway Observer
Batesville Livestk.	Independence...	....	1	69.9	......	96	15	32	28§	1.97	......	1.01	8	0.0	6	24	4	2	nw.	Experiment Farm
Batesville River...	Independence...	277	42	......	......	......	......	......	......	4.57	+0.82	1.95	6	0.0	9	19	4	7	......	Mrs. Ida Barnwell
Bee Branch	Van Buren......	650	49	69.4	− 4.8	94	13	32	27	5.68	+2.48	2.65	7	0.0	9	17	8	5	n.	Miss Minnie Scanlan
Benton	Saline..........	285	6	70.0	......	95	12	31	28	2.27	......	0.73	8	0.0	8	18	10	2	s.	S. A. Burks
Bentonville	Benton	1295	36	67.4	− 3.4	91	13	30	27	5 20	+1.52	1.67	8	0.0	10	0	29	1	s.	U. S. Weather Bureau
Bethesda ....†	Independence...	500	2	68.6	......	92	12§	33	29§	6.18	......	3.48	6	0.0	8	20	7	3	nw.	Soil Conservation Ser.
Big Lake Outlet ..†	Mississippi	239	11	......	......	......	......	......	......	0.98	......	0.40	9	0.0	5	14	1	15	......	C. J. Brooks
Black Rock........	Lawrence	259	40	......	......	......	......	......	......	2 55	−1.40	0.97	9	0.0	7	19	2	9	......	Vernon C. Howe
Bluff City..........	Nevada..........	....	1	73.0	......	92	11§	36	27	4.13	......	2.05	1	0.0	4	15	7	8	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	16	72.0	− 2.4	94	13	35	27§	1.16	−2 29	0.50	17	0.0	4	18	10	2	s.	Maureen K. Norris
Booneville (near).	Logan	465	27	72.2	− 3.4	94	2§	32	27	2.97	−0.06	1.00	9	0 0	11	12	13	5	e.	F. H. Randolph
Boughton ....†	Clark...........	235	6	......	......	......	......	......	......	4.00	......	1.77	9	0.0	4	13	8	9	......	Mrs. Ruby A. Buie
Brinkley	Monroe	205	50	71.0	− 3.8	94	5	30	29	2.04	−1.94	0.48	8§	0.0	6	13	10	7	s	Airway Observer
Calico Rock	Izard	361	37	......	......	......	......	......	......	4.74	+1.37	1.81	6	0.0	10	13	6	11	......	William Jones
Camden	Ouachita	116	56	74.1	− 1.4	97	13	35	29	2.95	−0.26	0.98	9	0.0	7	6	18	6	s.	J. M. Knight
Camp Robinson...	Pulaski..........	463	1	71.6	......	94	12	35	26	1.73	......	1.03	8	0.0	3	15	7	8	sw.	U. S. Army
Clarendon.........	Monroe..........	172	37	......	......	......	......	......	......	1.53	−1.91	0.36	9	0.0	8	13	9	8	......	R. M. Wheatley
Clover Bend.......	Lawrence	235	3	69.6	......	95	13	32	29	2.69	......	0.90	9	0.0	6	17	12	1	se.	Farm Security Adm.
Conway...........	Faulkner........	309	58	73.5	− 1.8	96	12	34	27	3.07	−0 40	1.31	8	0.0	5	19	9	2	s.	F. E. Cordrey
Corning...........	Clay............	293	48	70.5	− 2.1	96	13	32	29	2.82	−0.82	1.55	8	0.0	7	18	9	3	sw.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	4.13	+0 72	2.06	6	0.0	7	20	4	6	......	O. B. McSpadden
Crossett(near)	Ashley	175	29	72.9	− 2.6	95	5§	33	29	2.35	−0.27	1.22	17	0.0	6	15	9	6	s.	U. S. Forest Service
Danville...........	Yell	327	25	......	......	......	......	......	......	4.44	+1.05	2 86	9	0.0	9	13	12	5	......	J. M. Patterson
Dardanelle	Yell	330	55	72.0	− 3.2	96	12	32	27	2.92	−0.37	1.85	9	0.0	6	8	17	5	s.	Geo. N. Goodier
DeQueen	Sevier..........	426	6	71.0	......	90	12	34	27	2.82	......	0.87	18	0.0	6	17	10	3	......	L. D. McCown
Des Arc...........	Prairie..........	204	3	71.8	......	92	5§	32	27	2.03	......	0.68	9	0.0	8	9	7	14	sw.	Z. R. Glenn
Devils Knob..... †	Johnson	2350	5	66.7	......	86	13	30	27	3.95	......	1.00	6	0.0	9	17	3	10	se.	U. S. Forest Service
Dumas	Desha	162	36	73.9	− 2.2	98	5	34	29	0.70	−2.19	0.31	18	0.0	4	13	6	11	s.	Ben Johnson
El Dorado.........	Union...........	270	41	74.8	− 2 4	95	12	38	27§	2.08	−1.07	1.32	10	0.0	4	22	5	3	s.	Mrs. E. W. Gaston
England..........	Lonoke	229	35	73.2	− 2.2	96	11§	32	27§	1.04	−2.73	0.32	9	0.0	4	9	21	0	nw.	O. V. Halbrook
Eureka Springs....	Carroll..........	1465	41	70 2	− 1.8	92	1§	29	27	4.27	+0.05	1.15	8	0.0	7	20	5	5	sw.	Geo. W. Nichoalds
Fayetteville	Washington.....	1334	4	69.8	......	92	13	31	27	3 73	......	1.29	8	0.0	11	10	11	9	s.	Charles F. Ford
Fayetteville Exp..	Washington.....	1451	54	69.2	− 2.9	92	13	30	27	4.40	+0.85	1.84	8	0.0	11	14	10	6	s.	University of Arkansas
Fordyce...........	Dallas	280	1	73.6^{a}	......	94^{a}	11§	35^{a}	27	5.01	......	2.85	9	0.0	8	17	7	6	se.	Ark. Forestry Com.
Fort Smith	Sebastian	448	60	72.6	− 1.4	93	1	38	27	4.13	+1.14	1.61	8	0.0	9	13	6	11	e	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	4	......	......	......	......	......	......	3.73	......	1.84	9	0.0	9	12	9	9	......	Ft. Smith Water Plant
Fulton.............	Hempstead......	260	56	......	......	......	......	......	......	4.70	+2.05	2.23	9	0.0	7	11	8	11	......	T. J. Logan
Georgetown	White...........	200	29	......	......	......	......	......	......	1.32	−2.57	0.75	8	0.0	6	21	1	8	......	C. G. Long
Gilbert	Searcy	600	16	70.6	......	94	12§	32	27§	3.26	−1.07	1.09	9	0.0	7	22	2	6	......	F. E. King
Glenwood	Pike	547	6	......	......	......	......	......	......	8.59	......	5.25	8	0.0	9	17	4	9	......	Chas. A. Price
Grannis	Polk............	950	22	70.7	− 2.9	94	12	35	27	7.53	+2.71	2.88	9	0.0	10	11	7	12	s.	W. E. McVay
Gravette...........	Benton..	1250	44	69.4	− 1.4	95	1	28	27	5.15	+1.44	1.60	19	0.0	10	18	6	6	sw.	Julius A. Schmidt
Green Mountain..†	Stone...........	1100	4	69.0^{a}	......	90^{a}	2§	32^{a}	26	6.25	......	....	......	0.0	8	17	8.	5	se.	U. S. Forest Service
Harrison	Boone...........	1052	41	69.4^{a}	− 0.8	95^{a}	13	32^{a}	27	2.79	−1.24	1.46	8	0.0	7	17	7	6	s.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	4.04	......	1.41	1	0.0	8	16	10	4	......	Lester B. Logan
Helena	Phillips	300	69	72.2	− 3.2	93	13	37	27§	1.03	−2.05	0.42	17	0.0	6	14	6	10	ne.	James A. Burnett
Highland	Pike............	491	22	....	......	......	......	35	27	8.78	+5.58	4.01	9	0.0	6	17	3	10	s.	Clyde Cooley
Hope (near).....‡‡	Hempstead......	375	71	72.5	− 4.1	95	12	34	27	3.87	+0.46	2.00	10	0 0	7	13	15	2	e.	Experiment Farm
Hot Springs	Garland	600	50	72.4	− 3.3	93	12	35	27	4.74	+1.24	3.30	7	0.0	8	15	11	4	s.	National Park Service
Index ....†	Little River	275	24	....	......	......	......	......	......	6 82	+4.04	2.75	7	0.0	7	17	0	13	......	W. E. McDowell
Irons Fork .....†‡‡	Polk............	1385	3	68.6	......	90	11§	33	27	8.84	......	1.32	5	0.0	14	15	0	15	n.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	3.14	−0.02	1.00	8	0.0	7	14	9	7	......	U. S. Forest Service
Jonesboro	Craighead.......	345	46	71.8	− 2.7	92	12§	36	27	2.49	−0.92	1.21	9	0.0	9	12	8	10	sw.	Benedictine Sisters
Lead Hill..........	Boone...........	650	35	68.8	− 3.4	93	11§	30	27§	2.90	−0.16	1.09	8	0.0	9	20	5	5	sw.	J. H. Crosswhite
Little Rock	Pulaski..........	275	62	72.4	− 1.7	93	13	37	27	1.07	−2.10	0.48	9	0.0	9	15	7	8	sw.	U. S. Weather Bureau
Lutherville.......†	Johnson	775	43	70.8	− 3.2	91	12	31	27	3.93	+0.02	2.00	9	0.0	7	12	10	8	se.	Clarence Lenhardt
Madison...........	St. Francis	209	11	......	......	......	......	......	......	2.16	−0.66	0.90	17	0.0	4	10	5	15	......	J. W. Eppes
Magnolia..........	Columbia	315	25	76.2^{b}	− 0.4	96^{b}	11§	37^{b}	27	3.01	+0.58	1.89	9	0.0	5	5	22	3	se.	State Agri. School
Mammoth Spring .	Fulton	600	37	70.0	− 1.4	94	12§	33	29	3.55	+0.02	1.27	6	0.0	5	18	10	2	sw.	Mrs. Johnnie Morton
Marianna	Lee.............	235	30	72.7	− 1.4	93	5	34	29	1.10	−2.41	0.60	16	0.0	4	15	10	5	e.	Cotton Exp. Station
Marked Tree	Poinsett.........	229	37	71.1	− 2.5	92	19	35	27	1.11	−1.85	0.48	8	0.0	5	19	10	1	s.	Charles Walton
Mena.............	Polk............	1207	53	71.2	− 2.8	93	13	36	27	8.49	+4.57	4.13	7	0.0	13	14	7	9	sw.	E. W. St. John
Monticello	Drew............	273	1	74.2	......	95	3	36	27	1.45	......	0.59	10	0.0	7	7	15	8	s.	Airway Observer
Morrilton ....†	Conway	315	25	71.3	− 3.7	94	2§	34	27	4.87	+1.88	3.20	8	0.0	4	15	8	7	se.	Mrs. Nova A. Berry
Mountainburg	Crawford........	712	4	......	......	......	......	......	......	4.09	......	1.66	8	0.0	8	10	7	13	sw.	C. A. Lovell
Mountain Home .†	Baxter	800	29	69.0	− 2.7	94	12§	32	27	3.30	−1.00	0.80	8	0.0	7	20	2	8	w.	H. N. Haibert
Mountain Valley..	Garland	788	4	......	......	......	......	......	......	3.37	......	1.53	7	0.0	3	11	10	9	s.	C. A. Cockman
Mount Ida	Montgomery	702	42	69.8	− 3.4	94	12§	31	27	5.72	+1.60	1.80	9	0.0	9	13	6	11	sw.	J. S. Whittington
Mt. Ida CCC.......	Montgomery	750	2	......	......	......	....	......	......	....	......	....	......	..	......	......	......	......	......	U. S. Forest Service
Mulberry(near)..†	Franklin........	433	3	......	......	......	......	......	......	4.21	......	1.00	9	0.0	9	15	0	15	......	Clifton H. Ward
Nashville..........	Howard	350	3	73.2	......	95	12	36	27	9.20	......	6.07	9	0.0	10	18	10	2	sw.	Brice Carruth
Newport...........	Jackson	231	58	71.3	− 2.9	94	12§	35	28	0.68	−3.05	0.20	9	0.0	7	19	9	2	n.	J. D. Henderson
Oden	Montgomery	800	14	71.2	......	94	12§	37	27§	5.41	+2.69	1.27	3	0.0	9	6	12	12	......	U. S. Forest Service
Okay	Howard.........	288	13	74.3	− 2.9	100	12	33	27	5.48	+2.98	2.46	9	0.0	5	15	11	4	se.	Charles R. Jackson
Osceola...........	Mississippi	250	41	......	......	......	......	......	......	1.09	−1.75	0.49	17	0.0	7	19	6	5	......	G. H. Banks
Ozark	Franklin	396	46	72.3	− 3.4	97	1	32	27	3.97	+0.58	0.98	7	0.0	9	12	5	13	se.	Orkney O. Milton
Paragould.........	Greene	275	18	69.0	......	91	13§	34	29	2.27	−0.50	1.01	7	0.0	6	21	8	1	sw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	2.28	−0.68	1.03	9	0.0	5	15	5	10	......	Carroll King
Perryville..... ...	Perry...........	325	2	71.0	− 1.6	93	11§	32	27§	5.17	−0.33	1.22	8	0.0	5	8	20	2	ne.	Rudolph C. Cranford
Pine Bluff.	Jefferson	215	54	74.9	− 0.3	97	13	39	27	7.66	+2.05	1.77	6	0.0	9	10	13	7	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	7.41	+4.44	1.50	8	0.0	12	8	10	12	w.	J. R. Huddleston
Pocahontas........	Randolph	300	48	71.0	− 2.4	95	13	36	27§	2.34	−1.34	1.52	8	0.0	8	16	11	3	sw.	Benedictine Sisters
Portland	Ashley	122	35	....	......	95	5§	......	......	2.54	+0.05	2.00	17	0.0	5	17	11	2	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	74.2	− 2 0	94	12	36	27	5.47	+2.12	2.16	9	0.0	9	15	10	5	s.	W. R. Hambright
Rogers	Benton..........	1300	51	68.4	− 2.8	90	1§	29	27	6.90	+3.11	2.45	8	0.0	11	17	7	6	sw.	Howard Fowler
Rosebud..........	Faulkner........	680	7	......	......	......	......	......	......	2.10	......	0.76	7	0.0	7	18	9	3	n.	G. A. Maddox
Russellville .....‡‡	Pope	526	29	71.4	− 2.0	93	12§	32	27	1.84	−2.21	0.67	9	0.0	5	17	7	6	s.	Ark. Tech. College
St. Charles	Arkansas........	175	8	72.6	......	94	12	35	29	2.87	......	1.28	9	0.0	5	15	8	7	n.	U. S. Biological Survey
St. Francis	Clay............	290	14	......	......	......	......	......	......	1.05	−3.91	0.76	9	0.0	3	18	0	12	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	71.4	− 2 9	91	13	36	27	1.50	−1.93	0.46	8	0.0	6	19	4	7	s.	Walter A. Smith
Sheridan	Grant.	....	1	70.8	......	94	12	30	27	1.22	......	0.51	19	0.0	5	8	16	6	sw.	Ark. Forestry Com.
Siloam Springs....	Benton	....	1	67.0	......	89	1	29	27	5.57	......	1.20	26	0.0	9	17	3	10	s.	John Brown University
Springbank ......†	Miller	240	32	......	......	......	......	......	......	3.45	+0.48	1.22	1	0.0	8	12	2	16	......	Henry Field
Story....	Montgomery	650	17	......	......	......	......	......	......	4.52	+1.58	1.50	3	0.0	9	16	7	7	s.	S. C. Story
Stuttgart	Arkansas........	214	54	71.4	− 3.7	94	1§	33	27	2.73	−0.77	0.80	7§	0.0	7	22	6	2	s.	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas........	198	6	71.7	......	97	8	35	27§	2.22	......	0.86	9	0.0	6	......	......	......	......	Rice Experiment Sta

Climatological Data for September, 1942 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	72.2[b]	– 2.1	94[a]	11§	34[b]	27	4.59	+1.16	1.93	6	0.0	7	15	8	6	se	New Subiaco Abbey
Texarkana	Miller	332	57	73.4	– 3 4	94	12	37	27	3.75	+1.01	1.22	9	0.0	9	10	13	7	s.	U.S. Weather Bureau
Turnpike†	Pope	2240	17	67.4		87	11§	30	27	3.12	–2.03	0.80	8	0.0	10	17	5	8	se.	U. S. Forest Service
Wabash	Phillips	179	2			92[d]	1§			1.42		0.74	7	0.0	3	11	14	5	s.	Farm Security Adm.
Waldron	Scott	675	22	70.9		95	13	33	27	1.93	–1.24	0 50	5	0.0	10	7	17	6	se.	Lavon Shoptaw
Warren	Bradley	206	47	74.8	– 1.3	95	12	37	29	0.35	–3.69	0.28	7	0.0	3	6	8	16	sw.	C. N. Turner
Whitecliffs	Little River	290	35							4.42	+1.83	3.15	9	0.0	5	14	1	15		L. M. Snead
White Rock†	Franklin	2285	5	66.4		88	12	30	27	4.54		1.90	8	0.0	10	16	6	8	se.	U. S. Forest Service
Wilson	Mississippi	237	16	72.0	– 1.8	95	12§	33	29	2.20	+0.04	0.65	17	0.0	6	21	3	6	nw.	Miss Winona Anderson
Wright	Jefferson	234	2	71.2		92	2§	34	29	1 98		0.58	9	0.0	9	21	6	3	se.	Farm Security Adm.
Wynne	Cross	167	33	72.0	– 2.5	96	13	32	27	1.12	–2.39	0.42	8	0.0	5	18	3	9	s.	B. M. Eddins
State Means				71.3	– 3 1	100	12	28	27	3.52	+0.20	6.07	9	0.0	7	15	8	7	s.	

Daily Precipitation for September, 1942

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Abbott[2]	Arkansas		.13		.07		.47	.21	.60	.54																		.15					2.17
Alum Fork Reser.	Ouachita							.35	.91	.42	T						T.	T.	T.	T.													1.68
Arkadelphia[2]	Ouachita	.05						.64	.50	1.30	1.98								.03	.01	.09							.03					4.63
Arkansas City[2]	Mississippi							.88	.16	.10	T.							.91	.32								T.						2.37
Batesville Air'y.[1]†	White					1.08	1.04	.60	.65	.35							T.	T	.03	T.				.15			.07						3.97
Batesville Livestk[1]	White			T.			.36	.38	1.01											.07					.09			.06					1.97
Batesville River[2].	White						1.95	.16	.71	.55	.80							.10		.05				T.	.20			.05					4.57
Beaty Lake(near).	St. Francis						T.	.83	1.10	.08							.12	.62	.05		.09							T.					2.89
Bee Branch	Arkansas					.05	.50	2.65	.48	.30		T.						.05	1.25						.25		T.	.15					5.68
Beech Grove(near)	White						.20	.20	1.55	.40							.17									T.	.14						2.66
Beedeville[2]	White		T				T.	.02	93	16								.17	T.		T.				.42			.02					1.72
Benton[2]	Saline	.57	.03					T.	.73	.60	.24							.03	T.	.04						T.		.03					2.27
Bentonville[1]‡	Arkansas			.03	.07	.78	.26		1.67										T.	.91				.41	.02	.13	.92						5.20
Bethesda[2]	White.						3.48	.45	1.01	.85								.03		.07					.19			.10					6.18
Big Lake Outlet[2]	St. Francis	T.		.10				.13	T.	.40								15			.20				T.								0.98
Black Rock[2]	White						.52	.19	.41	.97								.30							T	.09		.07					2.55
Blue Mountain[2]	Arkansas						.30	.40	.30																.10			.15					1.25
Bluff City..(near).	Ouachita	2.05					.38		.18	1.52																							4.13
Blytheville[2]	St Francis			.05				T.		.39	T							.50			.22												1.16
Booneville (near).	Arkansas		.18	.15	.08	.26	.39		.41	1.00	.03	.02													.28		.17						2.97
Booneville[2]	Arkansas																																
Boughton[2]	Ouachita						.04		.95	1.77	1.24																						4.00
Brinkley[1]	White						.36	.32	.48	.32							.08	.48	T.	T.							T.						2.04
Calico Rock[2]	White		T.				1.81	.70	.38	.80								.04		.29				.02	.22	.16		.32					4.74
Camden	Ouachita		.03		.04			.57	.37	.98	.82								.14														2.95
Camp Chaffee	Arkansas			T.	.14	.20	.27	.15	.57	.85											T.					.28	.01	.47					2.94
Camp Marion[2]	Arkansas																																
Camp Robinson[2]	Arkansas					T.	T		1.03	.69								.01										T.					1.73
Carlisle[2]	Arkansas																																
Clarendon[2]	White				.03			.01	.19	.36	.33							.30	.28		.03												1.53
Clover Bend	White						.42		.83	.90							.23			.21							.10						2.69
Cold Springs	Ouachita		.29		.69		.13	.29	*	1.24															.15			.28					3.07
Conway	Arkansas					.52		1.14	1.31	.06																	.04						3.07
Corley[2] (near)	Arkansas																																
Corning[2]	White				.56		.08	14	1.55	.35								.09										.05					2.82
Cotter[2]	White						2.06	.24	.12	.73															.25	.10		.63					4.13
Crossett..[near]	Ouachita	T.					.24	.45		.26	.10						.08	1.22															2.35
Danville[2]	Arkansas			.38	.01	.21	T.		.39	2.86		.04								.24					.08			.23					4.44
Dardanelle[2]	Arkansas							.46	.21	1.85											.02				.07			.31					2.92
Denmark[2]	White						.03	.09	.33	.31	.06							.26							.46			.04					1.58
De Queen	Red						.35	.70	.72	.14									.87	.04													2.82
Dermott[2]	Mississippi					.14		.58	.15	.12		.57						.45	.10									T.					2.11
Des Arc[2]	White.						T.	.31	.41	.68	.31							.17	.06	.03	.06							T.					2.03
Devils Knob	Arkansas		.55			.07	1.00	.02	.84	.13									.36						.41		.57						3.95
Dumas	Mississippi					T.	T.	.24	.13		.02						T.		.31														0.70
Eagle Gap[2]	Arkansas		.14	.16	1.40	.07	.21	T.	.35	.07	.26								T.	.09					.17			.26					3.18
El Dorado[2]	Ouachita								.20	.48	1.32	.08						T.															2.08
Eleven Point[2]	White						.35	.50	.08							.22	T.	T	.03	T.					T.	.14							1.32
England	Arkansas							T.	.23	.32							T.	.23			.26												1.04
Eureka Springs	White		.87			.22	.11		1.15											.67					.35		.90						4.27
Evening Shade[2]	White			.04			1.94	.25	.64	.82								.04	T.	T.					.06	.09		.10					3.98
Fayetteville	White	T.	.01	.05	.01	.46	T.		1.29	.03					T.				.01	.39					.48	.28	.72						3.73
Fayetteville Exp. S	White.	T.	.07	.04	.03	.61	T.		1.84	.04										.22	01				.46	.29	.79						4.40
Fordyce	Arkansas	.22					.80	.25	.70	2.85							.08	.07		.04								T.					5.01
Forester[2]	Arkansas		2.00		T.		T.			1.00																		T.					3.00
Fort Smith[1]‡	Arkansas	T.	T.	.49	T.	.09	1.08	T.	1.61										.04	.03				.06	.15	T.	.58						4.13
Fort Smith W.[2]	Arkansas			T.	.02	.03	.67	08	.31	1.84										.11	T.				.44	T	T.	.23					3.73
Fulton[2]	Red	T.				.42	.15	.80	.25	2.23	.73								.12		T.							T.					4.70
Georgetown[2]	White								.75	.15	.10							.12	.10		.10												1.32
Gilbert[3]	White						.99	.16	.08	1.09															.34	.11		.49					3.26
Glenwood[2]	Ouachita		.14	.20			.04	.34	5.25	1.52	.79										.21							.10					8.59
Grannis	Red		T.		1.28	.20	1.28	.21	1.10	2.88	.02						T.	T	.21	23							.12						7.53
Gravelly.[2]	Arkansas							.57		1.97										T.					T.		T.						2.54
Gravette	Arkansas		.02	.24	.10	.52	.24		.77						T.					1.60				T	.60	.12	.94						5.15
Green Forest[2]	White		.57		.01	T	.02	.02	.67	.01										.27				.01	.48	.11	.37						2.54
Green Mountain	White.					*	3.84	.06	*	1.62								.05	.30								.38						6.25
Greenwood[2]	Arkansas	T		.09	.31	.07	1.16	.98		1.10														.50				.25					4.46
Harrisburg[2]	St. Francis																																
Harrison	White					.10	T.	.32	1.46	T.										.10					.25	.16	.40						2.79
Heber Springs[2]	White.	1.41					.17	.24	1.38	.19	T.									.06					.48			.11					4.04
Helena[2]	Mississippi								.20	.11	.18						.01	.42	.11														1.03
Henderson[2]	White						2.87	.19	1.12	.81										.12	T.				.22	.02		.62					5.97
Highland	Ouachita					1.20		2.00	1.50	4.01										.02							05						8.78
Hon[2] (near)	Arkansas																																
Hope[2]	Red		.50	T.	T.	.04			.02	.08	2.00	1.03							.20		T.							T.					3.87
Hot Springs	Ouachita	.01		.01			.01	3.30	.77	.55							T.	T.	T.	.05							.04						4.74
Huttig[2](near)	Ouachita	.08						.30	.56	T.	1.10							.24	.15		.36												2 79
Index[2]	Red																																
Irons Fork[2]	Ouachita	.27	.92	.02	1.13	1.32	1.24	1.24	.91	1.15	.05	T.							.17	.04	.15				T.		T.	.23					8.84
Jessieville	Ouachita			.06				.64	1.00	.78	.40								.03								.23						3.14
Jonesboro[2]	White						T.	.07	.81	1.21	.03							.16	.05	.01	T.				.12			.08					2.49

Daily Precipitation for September, 1942 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
LaCrosse[2]	White	.04	....	....	....	3.40	....	.03	1.15	1.10	....	....	....	....	....	....	....	.04	....	....	....	....	....	....	....	.15	....	.20	....	....	....	6.11
Lake City[2]	St. Francis	....	....	....	....	....	....	....	*	.92	....	....	....	....	....	....	....	.23	....	....	.22	....	....	....	....	....	....	....	....	....	....	1.37
Lead Hill	White	....	....	....	....	.64	T.	.03	1.09	.02	....	....	....	....	....	....	....	....	.04	.20	....	....	....	....	.44	.04	.40	....	....	....	....	2.90
Little Rock[1]‡	Arkansas	....	....	.06	....	.01	.02	.38	.33	.15	....	....	....	....	....	....	.01	T.	.10	T.	T.	....	....	....	....	....	.01	....	....	....	....	1.07
LittleRock Air'y[1]‡	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lutherville	Arkansas	....	.11	....	....	T.	.35	.30	.61	2.00	....	....	....	....	....	....	....	....	T.	....	....	....	....	T.	.30	....	.26	....	....	....	....	3.93
Madison[2]	St. Francis	....	....	....	....	....	....	....	.76	.35	T.	....	....	....	....	....	....	.90	.15	T.	....	....	....	....	....	....	....	....	....	....	....	2.16
Magnolia	Red	.35	....	.03	....	....	....	.10	.64	1.89	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.01
Mammoth Spg[2]	White	....	....	....	....	....	1.27	.45	.93	.70	....	....	....	....	....	....	....	T.	T.	....	....	....	....	....	....	T.	....	.20	....	....	....	3.55
Marianna	St. Francis	....	....	....	....	....	....	.35	....	.10	....	....	....	....	....	....	.60	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	1.10
Marked Tree[2]	St. Francis	....	....	....	....	....	....	....	.48	.16	....	....	....	....	....	....	....	.26	T.	....	.09	....	....	....	.12	....	....	....	....	....	....	1.11
Marshall[2]	White	....	....	.05	....	.95	.05	.09	.26	.98	....	....	....	....	....	....	....	....	....	.02	....	....	....	....	.34	.06	.35	....	....	....	....	3.15
Marvell[2]	White	....	....	....	....	....	....	T.	....	....	.85	....	....	.42	T.	....	....	.72	....	....	....	....	....	....	....	....	....	....	....	....	....	1.99
Mena[2]	Ouachita	.40	.08	T.	.47	.40	1.23	4.13	.44	.59	.17	....	....	.02	....	....	....	....	T.	.04	.15	....	....	....	....	....	T.	.37	....	....	....	8.49
Mena CCC	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Monticello Air[1]‡	Ouachita	....	....	....	....	.11	.22	.15	T	.01	.59	....	....	....	....	....	.31	.06	....	....	....	....	....	....	....	....	....	....	....	....	....	1.45
Morobay[2] (near)	Ouachita	17	....	....	....	....	....	....	.13	.08	.17	....	....	....	....	....	....	....	.05	....	....	....	....	....	....	....	....	....	....	....	....	0.60
Morrilton[2]	Arkansas	....	....	....	....	....	....	T.	3.20	1.02	....	....	....	....	....	....	....	T.	....	50	....	....	....	....	T	....	....	.15	....	....	....	4.87
Mountainburg	Arkansas	.02	T	....	.06	.60	.15	T.	1.66	....	....	....	....	....	....	....	....	....	....	.68	....	....	....	....	.58	....	.34	....	....	....	....	4.09
Mountain Home	White	....	....	....	....	.20	.75	.40	.80	.30	....	....	....	....	....	....	....	....	....	T	....	....	....	....	.22	....	.63	....	....	....	....	3.30
Mountain Valley	Ouachita	....	....	....	....	....	....	1.53	.93	.91	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.37
Mtn. View[2](near)	White	....	....	....	....	....	3.70	.09	.58	.67	....	....	....	....	....	....	....	.07	....	.08	....	....	....	....	.32	.04	....	.22	....	....	....	5.77
Mount Ida	Ouachita	1.64	T.	.16	.03	....	.50	.34	.76	1.80	....	....	....	....	....	....	....	....	.37	....	....	....	....	....	....	....	.12	....	....	....	....	5.72
Mount Ida CCC	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Mulberry[2]	Arkansas	....	....	.10	....	.22	.95	.42	.43	1.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	....	.04	.70	....	....	....	4.21
Nashville	Red	....	....	1.09	....	.03	.19	.86	.76	6.07	.03	....	....	....	....	....	....	.10	....	.02	....	....	....	....	....	....	.05	....	....	....	....	9.20
Newhope(near)[2]	Ouachita	....	....	....	....	....	T.	T.	.10	4.60	5.00	.74	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	T.	....	....	....	10.44
Newport[2]	White	....	....	....	....	....	.14	.05	.11	.20	....	....	....	....	....	....	.03	....	....	....	....	....	....	.14	....	....	.01	....	....	....	....	0.68
Nimrod	Arkansas	....	.18	.08	....	....	.07	.27	.59	.65	....	....	....	....	....	....	....	....	.08	.08	....	....	....	....	....	....	.18	....	....	....	....	2.18
Odell (near)[2]	Arkansas	....	....	....	1.28	....	....	.16	1.31	.47	....	....	....	....	....	....	....	....	....	.16	.10	....	....	....	.50	....	.50	.07	....	....	....	4.55
Oden[1]	Ouachita	.93	....	1.27	....	.12	.41	.35	1.07	.99	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	.17	....	....	....	....	5.41
Okay	Red	.06	....	T.	....	.52	....	1.20	1.24	2.46	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5.48
Osceola[2]	Mississippi	....	....	....	....	....	....	.19	T.	.10	....	....	....	....	....	....	....	.49	.06	....	.12	....	....	....	.03	....	....	.10	....	....	....	1.09
Ozark[2]	Arkansas	....	....	.62	T.	.62	.58	.98	.26	.42	....	....	....	....	....	....	....	....	T.	.02	....	....	....	....	.24	....	....	.23	....	....	....	3.97
Paragould	St. Francis	....	....	....	....	....	....	1.01	.97	.03	....	....	....	....	....	....	....	.11	....	.10	....	....	....	....	....	....	....	....	.05	....	....	2.27
Parkin[2]	St. Francis	....	....	.18	....	....	....	....	.30	1.03	....	....	....	....	....	....	....	.35	....	....	....	....	....	....	.42	....	....	....	....	....	....	2.28
Perryville	Arkansas	....	....	....	....	....	.73	1.03	1.22	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.14	....	....	....	....	3.17
Pine Bluff[2]	Arkansas	....	....	....	.22	....	1.77	.02	.43	1.70	.58	....	....	....	....	....	....	.13	.34	....	.47	....	....	....	....	....	....	T.	....	....	....	5.66
Pine Ridge[2]	Ouachita	....	.81	....	.66	12	.10	.69	.68	1.50	1.48	.49	....	....	....	....	....	....	....	.42	.23	....	....	....	....	....	....	23	....	....	....	7.41
Pocahontas	White	....	....	....	....	....	.30	.20	1.52	.06	....	....	....	....	....	....	....	.05	.06	....	....	....	....	....	....	.11	....	.04	....	....	....	2.34
Portland[2]	Ouachita	....	....	....	....	.15	....	....	.12	.20	.07	T.	....	....	....	....	....	2.00	....	....	....	....	....	....	....	....	....	....	....	....	....	2.54
Prescott[2]	Ouachita	....	....	.01	....	.02	T.	.79	.53	2.16	1.72	.22	....	....	....	....	....	....	.01	.01	....	....	....	....	....	....	....	T.	....	....	....	5.47
Rogers	White	....	....	.04	.02	1.20	.05	....	2 45	....	....	....	....	....	....	....	....	....	.02	1.31	....	....	....	.01	.47	.12	1.21	....	....	....	....	6.90
Rosebud	Arkansas	....	....	....	....	.52	....	.76	.54	....	....	....	....	....	....	....	....	.07	T	T.	....	....	....	.05	.07	....	.09	....	....	....	....	2.10
Russellville	Arkansas	....	....	....	....	....	.62	....	.20	.67	....	....	....	....	....	....	....	....	.08	....	....	....	....	....	....	....	.27	....	....	....	....	1.84
St. Charles[2]	White	....	....	....	....	....	....	....	.39	1.28	.40	....	....	....	....	....	T.	.69	11	....	....	....	....	....	....	....	....	....	....	....	....	2.87
St. Francis[2]	St. Francis	....	....	....	....	....	....	....	.22	.76	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	T.	.07	....	....	....	....	....	1.05
St. Paul[2](near)	White	....	.25	.27	.43	.21	.10	....	.50	1.32	.10	....	....	....	....	....	....	....	....	.20	....	....	....	....	.20	.10	.05	.15	....	....	....	3.88
Searcy[2]	White	....	....	....	....	....	.07	.05	.46	.24	.30	....	....	....	....	....	....	.38	....	....	T.	....	....	....	....	....	....	....	....	....	....	1.50
Sheridan	Ouachita	....	....	....	....	....	....	....	.21	.45	....	....	....	....	....	....	....	.03	.02	.51	....	....	....	....	....	....	....	....	....	....	....	1.22
Shirley[2](near)	White	.56	....	....	....	....	.18	.15	.97	.75	....	....	....	....	....	....	....	.15	....	.37	....	....	....	....	.29	....	....	.13	....	....	....	3.55
Siloam Springs	White	.70	.13	.37	....	.33	.67	....	1.00	....	....	....	....	....	....	....	....	....	....	.76	....	....	....	....	.41	T.	1.20	....	....	....	....	5.57
Sparkman[2] (near)	Ouachita	....	1.81	....	....	....	....	.04	.17	1.98	1.52	....	....	....	....	....	....	.03	T	....	T.	....	....	....	....	....	....	T	....	....	....	5.55
Springbank[2]	Red	1.22	....	.50	....	T.	.22	.10	.02	.98	T.	....	....	....	....	....	....	....	.36	....	.05	....	....	....	....	....	....	....	....	....	....	3.45
Stamps[2](near)	Red	....	T.	.25	.15	T.	T.	T	2.10	....	1.05	....	....	....	....	....	....	T	....	....	....	....	....	....	....	....	....	....	....	....	....	3.55
Stephens[2] (near)	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Story[2]	Ouachita	....	.22	1.50	....	....	....	.18	.11	.12	1.16	.42	....	....	....	....	....	....	....	.66	....	....	....	....	....	....	....	.15	....	....	....	4.52
Stuttgart[2]	Arkansas	....	....	....	....	....	.10	.80	T.	.80	.50	....	....	....	....	....	....	.20	.10	....	.23	....	....	....	....	....	....	....	....	....	....	2.73
Stuttgart Evap.[2]	Arkansas	....	....	....	....	....	....	.03	.46	.86	.43	....	....	....	....	....	....	.42	.02	....	....	....	....	....	....	....	....	....	....	....	....	2.22
Subiaco	Arkansas	....	T	....	....	....	1.93	.87	.92	.44	T.	....	....	....	....	....	....	....	.05	....	....	....	....	....	.18	....	.20	....	....	....	....	4.59
Sugar Grove[2]	Arkansas	....	....	.30	....	....	....	.43	.71	.75	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	30	....	....	....	2.69
Texarkana[1]	Red	.19	1.04	....	T.	.39	.13	.36	.40	1.22	....	....	....	....	....	....	....	.01	....	....	T.	....	....	....	....	....	.01	....	....	....	....	3.75
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	....	.05	....	....	.01	.12	.43	.80	.75	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	.40	.02	.39	....	....	....	....	3.12
Viola	White	....	....	....	....	....	.97	.23	.15	1.41	....	....	....	....	....	....	....	.10	....	.40	....	....	....	....	....	....	....	.60	....	....	....	3.86
Wabash	Mississippi	....	....	....	....	....	....	.74	....	.04	....	....	....	....	....	....	64	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	1.42
Waldron	Arkansas	.12	....	....	.07	05	....	.26	.18	.31	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	....	.20	....	....	....	....	1.46
Walnut Grove(nr)	White	....	....	....	....	T.	1.64	.32	.78	.06	....	....	....	....	....	....	T	.11	T.	....	....	....	....	....	T.	....	....	....	....	....	....	2.91
Warren	Ouachita	....	....	....	T.	....	....	.28	....	.02	....	....	....	....	....	....	....	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	0.35
Whitecliffs[2]	Red	....	....	....	....	.10	.75	.32	.10	3.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4.42
White Rock	Arkansas	.18	.07	....	....	.57	.17	....	1.90	.28	....	....	....	....	....	....	....	....	.17	.10	....	....	....	T.	.57	....	.53	....	....	....	....	4.54
Wilson[2]	Mississippi	....	....	.20	....	....	....	.30	....	.40	....	....	....	....	....	....	....	.65	.15	....	....	....	....	....	.50	....	....	....	....	....	....	2.20
Wright	Arkansas	....	....	....	....	.17	.08	.10	.34	.58	....	....	....	....	....	....	.05	.20	T.	....	.44	....	....	....	....	....	....	.02	....	....	....	1.98
Wynne[2]	St. Francis	....	T.	....	....	....	.05	....	.42	.25	....	....	....	....	....	....	....	.25	T.	T.	....	....	....	....	.15	....	....	....	....	....	....	1.12

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for September, 1942

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Monthly
Bethesda §§	Evap.	.320	.232	.184	.214	.130	....	....	....	....	.144	.186	.082	.296	.230	.204	.184	.138	.076	.216	.291	.171	.170	.166	.132	.262	.198	.036	.150	.146	.146	4.704
	Mean tem.	75	75	74	74	78	76	76	78	77	76	76	78	78	74	74	74	74	79	81	62	58	58	64	56	58	53	48	48	52	56	68.6
	Wind move	35	27	34	16	36	52	37	41	40	40	15	20	7	37	19	22	57	69	61	108	45	38	41	53	48	50	90	34	36	22	1230
Hope §§ Exp. Farm	Evap.	....	....	.110	.156	.146	....	.238	.034	....	....	....	.152	.164	.186	.162	.154	.120	.106	.170	.224	.194	.140	.162	.178	.192	138	.078	116	.068	.140	3.528
	Mean tem.	79	79	80	80	80	80	80	78	76	79	76	82	82	80	78	76	80	82	82	77	63	65	68	62	64	63	50	52	56	60	72.5
	Wind move	14	15	14	31	18	4	22	47	36	6	19	10	13	11	5	27	10	22	38	88	46	13	40	16	72	15	114	4	16	9	796
Irons Fork §§ Exp. Forest	Evap.	.101	.096	.087	.126	....	....	....	.028	.146	.077	.135	.113	.102	.074	.130	.111	.067	.074	.048	.107	.130	.118	101	.137	.110	.102	*	.110	.099	.091	2.620
	Mean tem.	78	75	74	75	74	75	72	72	75	76	76	76	76	74	72	74	76	78	76	61	58	60	65	62	63	58	50	52	54	58	68.6
	Wind move	0	2	1	2	1	2	0	0	5	3	2	0	2	0	1	1	1	14	6	11	4	1	2	5	5	10	15	4	2	1	103
Stuttgart, §§ Rice Exp. Farm	Evap.	.216	.172	.086	.106	....	....	.131	.097	.073	.062	.122	.151	.165	.195	.180	.137	.092	.083	.147	.160	.169	.128	.124	.153	.180	*	*	.491	046	.109	3.775
	Mean tem.	77	78	77	78	80	80	79	84	78	78	79	80	79	76	76	75	78	81	80	65	61	62	68	63	62	64	50	52	54	60	71.7
	Wind move	26	29	28	6	15	22	32	70	53	20	4	17	7	10	18	25	65	82	38	87	38	21	10	34	52	*	*	128	49	15	1001

Daily Temperatures for September, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Alum Fork	Maximum	89	88	89	89	88	89	85	83	81	86	91	93	92	90	88	85	88	86	88	77	75	78	76	77	75	74	65	65	74	80		82.8
	Minimum	67	66	64	66	68	69	67	70	70	67	68	68	68	64	62	65	69	74	73	54	45	48	46	55	47	48	36	41	36	43		59.5
Arkadelphia §§	Maximum	91	92	91	91	91	91	90	90	85	90	93	92	93	91	89	89	91	92	91	84	83	83	88	83	83	83	85	83	83	83		88.1
	Minimum	72	65	69	68	69	70	70	71	70	69	69	68	69	67	66	66	70	72	70	60	45	45	47	53	47	48	33	39	39	40		60.2
Batesville ***	Maximum	88	90	90	90	92	88	85	86	85	89	96	91	95	92	89	86	89	90	90	74	75	77	84	67	73	63	65	63	72	80		82.9
	Minimum	67	65	63	64	68	70	70	73	70	67	66	66	64	63	67	66	72	66	74	52	44	46	50	52	50	50	35	37	35	41		59.1
Bee Branch	Maximum	88	87	87	90	89	85	86	83	82	86	92	91	94	90	87	85	85	86	86	74	73	77	82	80	72	70	66	67	72	78		82.3
	Minimum	65	62	60	62	66	67	66	68	68	65	66	66	65	61	60	61	68	72	70	50	42	45	46	49	46	40	32	34	34	38		56.5
Benton §§	Maximum	87	89	89	91	90	90	91	83	79	87	93	95	93	90	87	86	88	91	90	90	75	79	85	69	76	62	65	65	74	79		83.6
	Minimum	66	62	63	64	66	64	64	65	69	66	66	66	67	61	61	61	69	70	70	49	43	44	44	49	44	45	38	31	34	34		56.5
Bentonville ***	Maximum	90	88	79	82	79	84	81	75	84	88	89	90	91	90	86	86	85	88	77	68	72	68	82	58	72	62	62	64	73	76		79.0
	Minimum	68	67	68	67	67	67	66	67	66	66	66	68	63	64	63	64	66	73	48	44	40	48	48	41	41	32	30	31	36	42		55.9
Bluff City	Maximum	86	89	88	90	84	89	85	88	81	88	92	92	92	90	87	85	90	91	90	86	75	81	85	81	88	80	79	65	78	79		85.1
	Minimum	68	64	69	69	69	69	71	72	69	69	70	71	69	68	65	69	70	71	60	55	49	51	54	62	49	48	36	42	37	40		60.8
Blytheville	Maximum	89	87	90	89	88	91	90	90	88	89	89	92	94	93	89	86	87	89	92	87	74	76	83	69	76	69	66	62	75	81		84.0
	Minimum	68	64	64	66	68	69	71	73	71	67	65	64	64	63	70	69	71	74	73	54	45	48	50	51	48	56	35	36	35	46		59.9
Booneville (near).	Maximum	91	94	88	89	84	91	85	84	88	90	93	94	94	92	91	87	89	91	86	76	79	81	92	84	79	74	68	67	77	83		85.4
	Minimum	71	70	68	71	70	70	68	71	66	67	68	67	66	66	62	64	70	77	64	51	40	43	46	54	52	42	32	36	39	39		59.0
Brinkley	Maximum	88	91	90	91	94	92	90	89	82	90	92	93	93	91	89	84	87	91	90	73	79	80	85	68	77	77	66	65	75	80		84.4
	Minimum	66	64	63	62	66	71	70	70	67	66	66	64	65	62	65	70	72	74	62	48	44	42	50	48	48	45	34	32	30	38		57.5
Camden.	Maximum	92	93	90	94	86	93	92	90	81	91	95	95	97	94	90	86	86	90	91	84	76	81	87	82	83	84	67	67	76	83		86.5
	Minimum	71	65	67	67	67	71	71	71	70	69	69	70	69	66	67	70	72	76	72	60	48	49	53	59	59	48	37	39	35	44		61.7
Camp Robinson. §§	Maximum	89	90	90	91	90	87	88	82	87	92	93	94	90	88	86	88	86	84	91	72	75	78	87	68	69	65	63	73	80	82		83.3
	Minimum	65	61	65	69	70	69	71	70	68	66	67	67	62	65	68	70	71	74	68	57	45	47	51	56	48	35	39	39	41	49		59.9
Clover Bend	Maximum	90	88	90	90	89	88	87	88	87	90	90	94	95	93	89	90	90	89	87	79	76	78	83	76	72	68	66	62	68	71		83.4
	Minimum	64	63	60	66	65	64	62	64	62	63	66	60	65	61	63	64	63	62	63	52	51	43	46	48	47	44	34	34	32	44		55.8
Conway	Maximum	92	94	89	93	91	89	87	88	86	90	95	96	95	93	91	89	90	90	93	79	79	81	90	76	79	75	72	70	78	85		86.5
	Minimum	70	66	65	66	68	71	70	72	71	67	69	69	70	66	65	68	71	77	72	56	47	47	52	58	51	44	34	37	35	40		60.5
Corning	Maximum	88	92	90	87	89	89	91	87	88	92	91	95	96	93	90	86	91	91	88	73	76	77	83	75	74	68	64	62	75	82		84.1
	Minimum	66	64	63	65	65	67	69	69	69	64	62	61	68	64	69	66	70	74	65	49	40	44	45	46	45	41	33	33	32	39		56.9
Crossett	Maximum	90	92	93	94	95	91	88	89	88	93	94	95	94	92	90	87	84	91	93	82	78	83	88	79	85	86	67	68	76	79		86.8
	Minimum	67	62	62	62	62	66	70	70	69	64	67	66	62	60	64	68	72	74	68	61	46	45	47	55	50	57	38	37	33	45		59.0
Dardanelle	Maximum	91	92	90	92	91	91	84	83	86	91	92	96	95	92	91	89	91	92	87	75	77	80	88	87	76	76	69	67	73	82		85.5
	Minimum	69	67	64	66	67	68	68	70	68	67	68	67	68	65	65	65	70	75	71	52	43	44	48	53	50	41	32	36	35	37		58.6
De Queen	Maximum	88	87	86	84	83	87	83	81	80	84	89	90	89	86	89	88	85	85	85	74	78	82	76	74	74	72	67	65	67	75		81.1
	Minimum	70	70	69	70	69	69	70	72	69	71	68	69	69	66	66	67	69	74	71	57	47	52	55	49	48	45	34	41	40	41		60.9
Des Arc	Maximum	90	89	89	91	92	89	89	89	80	89	91	93	92	92	89	87	89	91	92	72	75	78	87	78	75	75	66	64	73	78		84.1
	Minimum	69	66	64	64	68	70	70	71	69	66	67	66	69	63	66	70	71	72	69	57	44	44	51	56	48	48	32	34	35	42		59.4
Devils Knob	Maximum	83	81	79	81	78	78	78	75	80	83	84	84	86	84	82	78	79	81	74	66	70	70	78	70	63	62	58	62	65	73		75.5
	Minimum	68	66	65	66	66	66	66	65	64	66	68	69	70	69	65	65	65	69	54	45	50	49	53	42	44	36	30	42	41	54		57.9
Dumas	Maximum	91	97	93	95	98	94	94	91	87	93	96	94	94	94	95	86	86	94	95	86	77	84	90	76	82	86	66	68	77	81		88.0
	Minimum	68	63	65	65	66	70	71	71	71	69	67	68	64	63	60	71	72	71	71	62	46	44	53	50	47	52	35	38	34	45		59.8
El Dorado	Maximum	88	91	92	93	93	94	93	92	85	91	93	95	94	91	89	85	89	92	93	84	78	81	84	82	84	85	70	70	85	80		87.2
	Minimum	72	68	68	70	70	73	74	72	71	68	71	72	69	67	67	69	72	75	73	63	48	51	55	54	51	54	38	40	38	41		62.5
England	Maximum	94	94	94	94	95	93	91	89	81	92	96	96	96	94	90	89	90	94	93	84	74	78	86	79	87	84	64	74	74	79		87.3
	Minimum	66	62	61	62	64	68	68	71	67	67	67	66	67	61	66	66	71	78	76	57	44	44	51	63	50	57	32	34	32	39		59.2
Eureka Springs	Maximum	92	89	80	87	79	87	81	78	85	90	92	91	92	91	87	87	87	88	85	71	75	74	82	75	73	70	65	65	77	82		81.9
	Minimum	67	67	63	64	68	68	70	67	70	67	69	71	67	68	63	68	67	74	54	44	43	49	58	43	45	38	29	38	42	51		58.4
Fayetteville	Maximum	89	88	79	86	82	84	82	77	87	89	91	91	92	90	88	88	87	90	81	72	76	72	84	74	73	66	67	69	75	82		81.7
	Minimum	66	68	70	69	68	69	67	67	66	66	66	66	63	67	64	67	68	75	54	45	40	46	50	42	46	39	31	36	43	49		57.8
Fayetteville Exp. S	Maximum	88	87	80	83	81	83	82	80	86	88	90	90	92	90	88	85	86	89	85	69	75	73	84	76	71	68	69	68	74	80		81.3
	Minimum	66	67	69	69	67	68	66	65	66	65	66	66	64	67	64	65	67	74	54	43	39	44	52	41	46	38	30	36	39	48		57.0
Fordyce	Maximum	90	90	93	93	91	90	85	86	74	90	94	94	94	91	90	85	85	91	94	89	78	82	87	74	81	84	69	68	..	82		86.0
	Minimum	70	66	62	67	68	70	70	69	66	67	70	69	68	65	65	67	71	74	72	59	48	50	54	60	46	49	35	39	36	..		61.1
Fort Smith ***	Maximum	93	88	86	86	82	85	82	77	86	93	92	93	93	90	91	88	90	91	79	74	77	76	85	68	78	63	64	66	74	79		82.3
	Minimum	74	73	71	72	71	72	69	71	68	71	73	71	71	72	69	70	72	78	59	54	50	52	55	53	56	43	38	44	45	47		62.8
Gilbert §§	Maximum	91	91	90	90	89	83	86	84	87	91	93	94	94	92	90	89	90	90	87	83	78	83	85	81	80	79	70	66	83	82		85.7
	Minimum	66	63	65	64	65	63	66	62	65	65	64	64	65	64	63	62	61	65	64	47	43	41	46	47	46	48	32	32	32	37		55.6
Grannis	Maximum	92	90	90	88	82	88	86	83	80	85	92	94	93	90	89	85	88	85	87	73	76	83	85	72	75	65	68	68	73	78		82.8
	Minimum	68	67	66	67	67	68	67	68	68	69	67	67	67	63	62	66	68	72	60	53	43	49	41	58	47	41	35	41	40	42		58.6
Gravette	Maximum	95	92	80	84	81	82	82	79	86	90	90	92	92	91	87	88	88	89	83	70	75	74	83	72	74	65	67	68	74	80		81.8
	Minimum	67	67	69	69	68	67	66	68	65	65	68	66	65	67	62	66	66	73	54	44	41	45	48	41	46	38	28	37	41	47		57.1
Green Mountain	Maximum	88	90	..	87	84	76	83	82	84	86	88	89	90	85	86	88	82	80	78	73	76	75	79	72	71	70	75	78	79	78		81.1
	Minimum	69	70	..	66	65	64	67	66	66	63	67	68	69	68	69	68	67	66	52	45	45	46	48	44	38	32	38	40	43	44		57.0
Harrison	Maximum	92	89	85	85	83	80	85	82	88	91	93	94	95	93	90	88	87	89	83	..	78	74	85	78	73	70	61	64	76	83		83.2
	Minimum	65	64	63	64	64	68	67	68	67	63	66	65	63	64	60	61	68	72	41	..	38	44	46	43	45	39	32	34	36	42		55.6
Helena	Maximum	88	88	88	90	92	91	89	87	82	88	89	90	93	92	88	80	84	89	90	85	71	79	83	78	77	80	60	62	74	79		83.5
	Minimum	69	66	64	67	69	70	71	70	70	69	69	63	64	66	68	70	71	73	73	59	49	45	52	56	48	53	37	41	37	50		61.0
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	74	75	73	74	70	71	80	79	78	77	70	72	70	72	78		....
	Minimum	70	69	67	68	67	64	65	66	65	68	67	68	66	65	63	63	64	63	62	64	48	52	57	52	50	48	35	42	39	38		59.2
Hope §§	Maximum	88	90	90	89	89	90	85	85	82	90	93	95	94	92	91	89	90	91	91	74	76	83	85	73	80	76	67	67	75	83		84.8
	Minimum	70	68	69	70	70	69	68	71	69	68	67	68	69	67	64	64	70	72	72	60	46	47	51	52	49	50	34	38	37	38		60.2
Hot Springs	Maximum	87	90	87	90	82	89	80	83	82	88	92	93	92	89	87	85	88	89	87	76	77	81	85	76	79	67	70	69	76	81		83.2
	Minimum	70	68	72	68	70	70	68	71	69	70	69	70	70	66	65	70	71	75	68	56	49	52	54	58	51	43	35	42	38	46		61.5
Irons Fork §§	Maximum	89	85	87	83	80	85	80	77	83	87	90	90	90	88	86	83	86	83	80	72	76	78	85	68	76	64	66	68	74	79		80.6
	Minimum	66	65	62	67	67	65	65	68	67	64	61	62	61	59	58	64	67	72	72	50	39	41	45	55	46	51	33	35	35	36		56.6
Jonesboro	Maximum	86	90	90	88	89	91	90	86	84	90	89	92	92	92	87	85	88	89	90	73	74	76	82	80	74	72	61	60	74	80		83.1
	Minimum	69	65	64	65	68	70	69	71	70	67	67	64	69	66	69	68	71	75	73	54	47	49	52	51	51	46	36	41	40	44		60.4
Lead Hill	Maximum	91	92	87	89	87	86	87	82	88	90	93	93	93	91	90	89	90	91	77	78	77	73	85	75	73	64	65	64	74	83		83.2
	Minimum	64	62	62	61	63	68	65	69	67	63	66	66	63	63	59	61	65	68	57	45	36	41	42	44	46	40	30	30	32	36		54.5
Little Rock ***	Maximum	89	89	89	90	92	89	86	87	82	87	91	92	93	90	87	86	90	91	92	73	74	79	86	70	77	72	65	64	73	79		83.5
	Minimum	72	68	67	68	70	72	73	72	71	69	71	70	72	66	66	70	72	75	63	56	49	47	54	55	50	42	37	42	40	43		61.4
Lutherville	Maximum	90	87	88	90	84	86	83	78	85	87	89	91	90	90	87	85	86	89	82	73	74	81	84	73	72	65	66	65	73	78		81.7
	Minimum	68	66	64	66	69	70	67	70	66	67	68	66	67	66	63	65	70	74	60	50	43	48	70	67	48	41	31	38	41	44		59.8
Magnolia	Maximum	90	92	90	93	90	92	93	87	85	91	96	96	95	95	95	88	90	92	92	89	85	83	85	83	..	..	70	83	77	84		88.6
	Minimum	71	68	70	68	69	71	73	72	69	68	69	69	67	66	65	69	71	72	72	48	44	46	60	58	..	..	37	61	56	58		63.8
Mammoth Spring.	Maximum	90	91	92	90	90	90	87	85	87	90	92	94	94	91	87	88	86	87	86	68	74	75	83	78	74	64	62	63	73	82		83.1
	Minimum	63	64	64	64	68	62	69	71	68	65	63	63	63	62	65	63	76	74	63	50	41	43	46	46	49	43	37	35	33	38		57.0
Marianna	Maximum	88	90	88	90	93	92	90	89	85	90	90	91	92	92	90	87	86	90	90	88	87	80	85	81	81	80	64	63	74	80		85.5
	Minimum	67	65	64	64	67	71	70	70	70	67	67	63	64	63	67	70	71	75	72	59	45	44	53	57	46	60	36	36	34	41		59.9
Marked Tree §§	Maximum	88	91	89	91	91	83	89	87	85	91	91	90	90	90	85	85	87	90	92	72	74	76	84	76	76	75	62	64	74	79		83.2
	Minimum	68	64	63	65	67	70	70	72	70	67	66	63	64	64	64	69	69	71	72	55	47	45	46	52	48	50	35	37	36	40		59.0
Mena	Maximum	91	88	88	88	80	86	83	82	83	88	91	91	93	89	88	84	86	88	82	70	77	78	84	76	77	70	76	70	74	80		82.7
	Minimum	69	67	67	69	69	68	66	70	69	71	66	67	67	64	63	66	69	74	63	53	46	49	50	57	49	41	36	39	41	43		59.6
Monticello ***	Maximum	90	92	95	94	94	93	90	89	85	91	94	94	94	91	91	81	85	92	93	75	76	82	88	76	82	87	66	68	77	81		86.2
	Minimum	69	67	67	66	67	72	71	71	71	67	70	70	66	67	67	70	72	74	72	56	49	47	53	60	51	63	36	44	41	51		62.2
Morrilton §§	Maximum	90	94	89	91	89	89	89	85	87	89	93	94	94	90	90	87	90	90	90	73	75	79	86	66	75	61	67	64	71	78		83.5
	Minimum	70	66	61	66	67	69	69	70	70	67	67	68	69	66	65	66	68	71	72	49	45	46	50	53	51	51	34	37	35	35		59.1
Mountain Home	Maximum	92	91	90	90	89	83	87	81	88	90	93	94	94	91	89	87	86	90	80	75	77	75	85	72	71	67	67	65	74	77		83.0
	Minimum	65	62	61	64	66	67	65	69	66	62	65	64	64	63	60	62	68	67	58	45	39	44	44	42	45	38	32	35	33	38		55.1
Mt. Ida	Maximum	92	87	88	87	86	85	79	81	82	88	92	94	94	89	90	90	89	87	87	70	78	82	87	71	77	70	70	68	74	78		83.1
	Minimum	65	65	65	69	67	66	67	70	68	68	67	66	63	64	60	62	66	75	51	51	40	42	47	58	45	41	31	32	32	34		56.6
Nashville	Maximum	92	89	91	89	89	84	85	85	83	87	93	95	92	89	88	86	89	89	90	75	77	83	86	79	77	70	69	66	71	80		83.9
	Minimum	73	73	69	72	72	70	72	72	68	70	70	71	70	69	66	69	70	73	69	61	50	50	54	62	52	47	36	44	41	44		62.6
Newport	Maximum	89	90	90	91	91	90	89	87	85	88	91	94	94	93	89	89	89	94	73	76	79	84	75	73	68	65	65	74	80	80		83.8
	Minimum	68	66	65	66	69	70	70	74	71	66	68	65	68	65	68	64	68	69	57	47	46	52	54	50	43	36	39	35	42	42		58.8
Oden ***	Maximum	92	87	88	88	84	86	78	80	84	89	93	94	94	90	89	86	88	86	85	75	78	80	85	72	77	62	69	70	76	81		82.9
	Minimum	71	69	66	69	71	69	71	71	68	71	69	67	67	65	63	64	69	76	60	50	44	48	50	51	49	49	37	38	37	40		59.6

Daily Temperatures for September, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Okay	Maximum	90	92	91	91	90	96	89	83	85	90	98	100	92	91	89	88	89	90	96	91	77	83	87	85	80	80	71	71	73	81		87.0
	Minimum	71	69	70	71	71	70	71	70	68	70	69	70	69	70	65	69	70	74	72	61	47	48	51	60	50	48	33	40	39	41		61.6
Ozark	Maximum	97	95	86	89	85	87	87	84	88	92	92	95	94	93	91	89	89	92	83	80	80	80	88	75	74	71	69	68	80	81		85.1
	Minimum	72	72	68	70	69	70	68	70	68	67	69	67	67	67	65	65	70	75	65	49	43	47	48	51	52	42	32	37	40	40		59.5
Paragould	Maximum	87	80	86	85	87	88	88	86	83	86	86	89	91	91	86	85	86	88	88	69	71	73	79	73	71	59	59	60	70	76		80.2
	Minimum	66	62	62	64	67	68	69	70	69	64	63	61	66	63	68	66	71	74	66	52	45	44	46	49	47	44	36	37	34	39		57.7
Perryville	Maximum	91	92	89	91	90	86	84	87	85	90	93	93	93	92	90	87	90	91	90	81	75	79	87	79	78	70	66	66	72	82		84.6
	Minimum	66	63	62	64	65	67	67	70	69	64	67	66	62	62	61	63	70	76	69	54	42	45	49	55	46	43	32	33	32	36		57.3
Pine Bluff	Maximum	94	95	94	94	94	92	86	91	76	91	92	95	97	92	92	87	86	93	93	84	78	82	88	75	81	81	67	70	71	87		86.6
	Minimum	70	67	67	69	70	72	73	72	71	70	71	72	72	67	67	71	73	76	74	60	52	51	56	62	51	49	39	43	42	47		63.2
Pocahontas	Maximum	90	91	90	89	90	87	89	87	87	90	91	93	95	93	89	88	87	90	88	73	76	77	85	82	72	70	63	64	73	80		84.0
	Minimum	66	63	63	66	67	67	68	68	68	65	63	61	68	64	68	64	71	74	69	53	45	45	46	48	46	44	36	37	36	39		57.9
Portland	Maximum	92	92	94	90	95	94	89	88	89	92	95	94	95	94	92	89	85	90	91	87	78	83	88	80	81	85	66	69	78	78		87.1
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Prescott	Maximum	91	91	90	89	84	90	90	86	82	90	92	94	93	92	89	87	90	91	92	87	77	82	87	85	85	79	67	67	74	82		85.8
	Minimum	71	68	70	70	70	70	72	72	69	69	70	72	71	69	65	69	71	75	73	60	50	52	55	61	49	49	36	43	40	46		62.6
Rogers	Maximum	90	90	82	83	79	84	80	74	84	88	89	90	90	89	86	86	85	87	78	67	73	69	83	72	73	70	63	65	75	79		80.1
	Minimum	67	66	69	69	67	67	65	66	67	65	67	67	64	65	61	64	66	71	54	45	40	48	49	41	45	38	29	37	39	44		56.7
Russellville	Maximum	88	90	88	90	87	88	85	82	85	89	92	93	93	91	88	85	89	88	86	74	75	78	86	82	74	73	66	66	72	80		83.4
	Minimum	69	68	64	67	68	70	70	72	70	71	68	68	69	65	65	63	72	77	70	52	44	45	50	54	52	39	32	35	35	38		59.4
St. Charles §§	Maximum	88	90	90	92	93	89	92	88	85	91	92	94	92	90	87	84	86	90	90	73	75	79	85	69	78	81	65	64	75	78		84.2
	Minimum	69	66	65	66	68	71	68	71	71	69	70	68	67	66	67	70	71	74	72	60	49	47	53	60	46	52	38	39	35	42		61.0
Searcy	Maximum	88	88	87	88	89	88	86	86	81	87	88	90	91	90	87	82	86	89	90	72	75	78	85	77	75	71	66	63	72	79		82.5
	Minimum	69	66	65	66	69	71	69	72	70	67	68	68	67	64	65	67	72	75	70	57	48	47	53	57	49	44	36	40	37	42		60.3
Sheridan	Maximum	90	90	92	92	93	91	90	87	80	87	93	94	93	91	88	86	88	92	91	74	76	79	85	80	79	77	67	65	75	82		84.9
	Minimum	65	62	60	62	64	60	68	68	67	64	65	66	66	60	60	66	68	72	69	56	43	45	49	56	42	45	30	33	32	40		56.8
Siloam Springs	Maximum	89	86	77	83	78	82	80	72	82	85	86	87	88	87	82	82	82	85	81	65	70	67	80	71	68	65	64	65	69	77		77.8
	Minimum	66	67	67	69	66	65	65	65	65	65	68	66	63	66	62	65	66	73	53	42	41	45	48	40	45	36	29	36	41	44		56.3
Stuttgart	Maximum	94	89	90	90	93	94	92	88	90	79	89	92	93	92	90	88	87	86	92	92	73	74	80	87	70	78	81	65	66	74		84.9
	Minimum	67	66	64	64	63	67	69	69	69	66	66	66	66	63	63	63	63	63	70	58	47	46	46	53	46	46	33	38	36	40		57.9
Stuttgart (near) §§	Maximum	88	90	90	91	93	91	88	97	89	88	91	93	91	90	87	83	85	89	90	72	75	78	84	69	78	81	65	65	74	79		84.1
	Minimum	66	65	64	64	67	70	70	71	68	67	67	67	67	63	64	67	70	73	70	58	47	45	52	57	46	46	35	38	35	41		59.3
Subiaco	Maximum	93	93	88	93	..	88	86	82	89	91	94	93	94	92	91	87	90	92	83	76	78	78	86	78	75	72	66	69	75	82		84.6
	Minimum	70	70	67	71	..	70	69	70	69	67	..	69	69	68	65	66	69	77	64	53	45	49	52	54	51	42	34	40	40	42		59.7
Texarkana ***	Maximum	89	87	88	89	87	90	83	83	82	90	90	94	92	90	89	87	86	92	89	74	75	82	85	74	81	74	68	67	72	81		83.7
	Minimum	73	71	73	72	72	73	73	73	70	71	71	74	73	70	67	71	72	76	64	56	51	53	55	56	52	42	37	44	40	48		63.1
Turnpike	Maximum	85	84	83	83	79	80	78	73	80	86	87	86	87	84	87	80	80	81	78	66	70	72	80	76	67	61	61	62	69	77		77.4
	Minimum	66	66	64	66	65	66	64	66	64	65	68	69	71	67	64	65	65	69	55	45	47	50	53	42	43	36	30	39	39	51		57.3
Wabash	Maximum	92	92	89	91	92	92	89	89	89	91	91	91	92	92	91	88	85	89	90	90	75	80	84	83	79	83	..	..	..	..		88.0
	Minimum	73	71	74	76	78	78	76	76	74	76	76	76	77	76	75	75	75	77	77	64	60	66	72	72	73	60	..	..	..	..		73.2
Waldron	Maximum	93	88	89	88	83	88	83	93	86	88	92	93	95	90	90	87	89	90	83	74	78	79	88	84	77	71	67	68	75	81		84.3
	Minimum	67	68	67	68	69	69	66	69	65	68	65	66	64	64	60	61	78	76	61	50	37	40	45	54	48	41	33	34	35	37		57.5
Warren	Maximum	91	92	93	93	93	93	88	90	81	90	94	95	94	92	91	88	85	94	93	91	88	84	87	85	84	86	66	66	77	83		87.6
	Minimum	70	66	67	67	67	72	72	73	72	68	68	70	66	63	66	70	72	75	72	63	54	47	51	60	48	55	40	40	37	46		61.9
White Rock	Maximum	86	82	79	80	77	78	79	74	80	82	85	88	87	86	83	80	80	82	75	67	70	71	79	68	65	60	62	63	65	78		76.4
	Minimum	67	66	65	65	63	64	62	64	64	63	67	65	67	65	63	65	64	68	50	43	47	50	48	41	44	34	30	42	40	52		56.3
Wilson	Maximum	91	89	89	90	93	93	90	90	84	88	90	95	95	92	91	86	85	90	91	83	74	75	84	80	71	69	70	65	69	80		84.4
	Minimum	66	65	61	65	67	69	70	72	70	68	66	63	65	63	69	69	70	69	75	55	46	45	52	55	45	56	34	35	33	48		59.5
Wright	Maximum	88	92	90	91	91	87	89	85	80	87	91	91	90	88	92	85	85	90	88	87	72	82	83	83	80	78	76	62	75	78		84.5
	Minimum	66	62	61	64	65	68	60	70	68	66	66	67	66	60	62	67	70	69	71	57	48	45	45	58	44	45	35	37	34	39		57.8
Wynue	Maximum	89	93	90	93	95	93	92	89	87	91	93	94	96	94	95	86	90	92	94	73	77	79	88	78	78	77	65	64	76	82		86.1
	Minimum	66	63	61	63	67	69	68	70	68	64	64	59	63	61	65	68	69	73	69	56	40	42	49	54	45	56	32	37	33	43		57.9

Daily River Stages for September, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkausas	22	9.0	8.6	8.1	8.0	7.7	8.1	9.4	11.4	17.9	18.6	16.6	16.2	15.1	12.8	11.3	10.3	9.8	9.3	8.8	8.6	12.4	17.3	14.9	13.0	12.2	10.2	10.7	11.6	12.4	13.8
Van Bureu	do	22	8.4	8.0	7.4	7.1	7.0	7.1	8.7	11.1	18.0	19.0	17.1	16.6	15.4	12.8	11.0	9.6	8.9	8.2	7.7	7.4	10.2	17.4	15.4	12.9	11.9	9.8	9.5	10.8	11.8	13.5
Danville	Petit Jean	20	2.9	2.9	2.9	3.5	3.0	2.9	3.0	3.4	6.5	5.7	6.2	4.2	3.6	3.3	3.2	3.1	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6
Ozark	Arkausas	22	4.0	4.2	3.9	3.3	3.2	3.0	4.0	5.3	10.5	14.7	13.5	12.3	11.7	9.8	7.7	6.3	5.5	4.7	4.3	3.7	3.5	11.7	12.5	10.4	8.2	6.9	5.5	6.3	8.4	8.5
Dardauelle	do	22	6.2	6.7	6.8	6.3	5.9	5.8	5.7	6.8	9.1	15.6	16.7	15.0	14.4	13.5	11.6	9.9	8.6	7.9	7.2	6.7	6.3	7.6	14.8	13.7	11.4	10.5	9.0	8.1	9.1	10.2
Morrilton	do	20	1.8	1.8	2.4	2.1	1.7	1.3	1.2	1.6	3.4	9.5	13.1	12.1	10.8	10.3	8.7	6.7	5.0	4.0	3.2	2.4	1.9	1.6	9.2	10.1	8.2	6.9	5.6	4.0	4.2	5.5
Little Rock	do	23	3.6	3.5	3.6	4.0	3.9	3.5	3.3	3.3	3.4	5.0	12.6	13.6	17.0	11.5	10.5	8.7	7.2	6.0	5.2	4.7	4.1	3.8	4.2	10.9	10.4	8.7	7.8	6.6	5.5	5.8
Pine Bluff	do	25	7.2	7.0	6.8	7.0	7.4	7.1	6.7	6.6	6.6	7.5	12.3	16.9	17.0	15.8	15.4	14.2	12.4	10.8	9.4	8.6	7.7	7.7	6.8	11.0	13.8	13.4	12.0	11.1	9.4	8.9
Gilbert	Buffalo	30	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.5	3.4	3.9	3.9	3.7	3.6	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.1
Black Rock	Black	14	4.0	3.9	3.9	3.7	3.3	2.9	4.3	4.1	7.8	5.5	4.8	4.3	4.1	3.8	3.5	3.2	3.0	2.9	2.8	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0
Heber Springs	Little Red	30	3.7	3.6	3.5	3.4	3.2	3.2	3.1	5.3	5.7	8.4	7.3	6.0	5.3	4.9	4.5	4.2	4.0	3.8	3.7	3.6	3.5	3.4	3.4	3.2	3.2	3.0	3.0	2.9	2.8	2.8
OzarkBeachMo	White	30	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.4	-0.2	0.4	0.4	-0.6	0.3	0.1	-0.4	-0.4	-0.4	-0.6	-0.6	0.2	0.4	-0.4	-0.6	-0.2	-0.4	-0.6	-0.6	-0.6	0.2
Cotter	do	21	1.5	1.5	1.5	1.4	1.4	1.7	1.8	1.8	1.8	1.7	1.6	1.5	2.6	2.3	2.1	2.0	2.0	1.9	1.7	1.6	1.6	1.7	1.7	1.6	1.6	1.5	1.6	1.8	1.7	1.6
Calico Rock	do	18	1.3	1.0	0.9	0.8	0.8	1.2	2.2	2.8	3.1	3.8	3.0	2.6	2.4	2.3	2.0	1.6	1.6	1.4	1.2	1.1	1.2	1.2	1.1	0.9	0.9	1.0	1.0	1.1	1.0	0.9
Batesville	do	23	5.5	5.1	4.8	4.4	4.5	6.7	7.4	7.2	8.3	8.5	8.0	7.4	6.8	6.5	6.3	5.9	5.6	5.6	5.4	5.1	4.9	5.0	5.0	4.9	4.6	4.6	4.7	4.7	4.8	4.8
Newport	do	26	2.6	2.3	2.1	1.8	1.6	1.6	3.9	4.9	5.0	6.4	6.6	5.8	4.6	3.9	3.3	2.4	2.2	1.8	1.4	1.2	1.0	1.0	1.0	1.0	0.8	0.8	0.8	0.6	0.6	0.6
Georgetown	do	21	5.3	4.9	4.5	4.1	3.8	3.5	3.2	4.0	5.5	6.4	7.6	8.6	8.4	7.4	6.7	5.9	5.2	4.7	4.1	3.7	3.3	3.0	2.6	2.4	2.4	2.2	1.9	1.7	1.6	1.4
Des Arc	do	24	8.2	7.6	7.2	6.8	6.4	6.2	5.9	5.9	7.1	8.1	9.1	10.3	10.8	10.4	9.7	9.2	8.0	7.5	7.0	6.5	6.0	5.7	5.4	5.1	4.8	4.5	4.4	4.3	4.2	4.1
Clarendon	do	26	13.8	13.0	12.5	12.0	11.7	11.4	11.1	10.9	11.0	11.7	12.6	13.6	14.4	14.9	14.7	14.3	13.7	13.1	12.4	11.8	11.3	10.9	10.5	10.2	9.9	9.7	9.5	9.3	9.1	8.9
St. Charles	do	25	14.1	13.3	12.7	12.3	11.9	11.5	11.3	11.1	11.0	11.3	12.0	12.7	13.5	14.2	14.3	14.1	13.9	13.2	12.5	11.9	11.5	11.2	10.7	....	....	....	....	....	....	....
Glenwood	Caddo	..	5.5	5.5	5.7	5.6	5.7	5.5	6.6	6.8	9.8	8.0	6.7	6.3	6.0	5.8	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Arkadelphia	Ouachita	17	4.7	5.5	5.0	5.1	5.6	4.6	4.5	11.1	12.4	17.9	17.2	14.6	10.2	7.8	7.8	6.2	7.0	5.7	6.9	6.4	4.9	4.5	4.7	6.2	5.6	5.5	5.7	5.4	4.6	5.3
Boughton	Little Mo	20	4.3	4.2	4.2	4.0	3.8	4.4	5.5	6.3	14.4	17.8	22.4	20.8	18.0	15.5	9.0	7.4	6.2	5.9	5.8	5.4	5.3	5.3	5.1	5.0	5.0	4.6	4.4	4.3	4.3	4.2
Camden	Ouachita	26	5.7	4.7	4.9	4.9	4.9	5.0	5.2	4.7	5.0	13.5	18.0	21.4	22.8	26.1	27.0	25.8	22.8	18.8	12.9	9.3	8.0	6.9	5.6	5.2	5.4	5.9	5.6	5.6	5.3	4.6
Bentou	Saline	20	4.4	4.3	4.2	4.1	4.0	3.9	3.9	5.2	5.7	6.0	5.9	5.7	5.4	5.1	4.8	4.6	4.3	4.0	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.4
Index	Red	25	9.0	8.8	8.7	8.4	8.2	8.2	8.5	8.6	8.6	9.9	10.9	11.9	11.6	10.9	10.4	9.8	9.7	9.6	9.0	8.5	8.0	7.8	7.9	7.9	8.1	10.8	11.0	10.5	10.0	9.8
Fulton	do	25	7.6	7.3	7.0	6.9	7.0	7.5	7.9	8.0	8.0	10.6	12.5	13.2	14.6	14.3	12.0	11.2	10.1	9.6	9.3	9.0	8.7	8.3	8.0	7.8	7.4	7.0	10.6	10.8	10.1	9.8
Big Lake Outlet	St. Francis	10	6.7	6.5	6.2	5.9	5.5	5.1	4.9	4.7	4.5	4.3	4.2	4.0	3.9	3.7	3.6	3.4	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.2	3.0	3.0	3.0	2.9	2.8
St. Francis	do	18	8.3	7.7	6.2	5.0	4.9	4.6	4.3	4.1	4.2	4.1	3.9	3.9	4.7	4.4	4.3	4.0	3.9	3.7	3.7	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.4	3.4	3.5
St. Fraucis L.L.	do	..	18.0	18.2	18.5	18.6	18.8	18.8	18.8	18.7	18.5	18.3	18.0	17.7	17.6	17.3	16.7	16.2	15.7	15.4	15.9	16.2	16.0	16.0	15.8	17.3	16.3	15.0	15.6	14.3	13.9	13.7
Marked Tree	do	17	5.4	5.5	5.7	5.8	5.9	5.9	6.9	5.9	5.8	5.7	5.5	5.3	4.9	4.9	4.7	4.5	4.3	4.1	3.5	3.5	3.4	3.5	3.4	1.0	4.1	4.1	3.2	3.0	2.9	2.8
Parkin	do	28	4.4	4.6	4.7	4.8	5.0	5.0	5.0	5.0	5.1	5.0	4.9	4.8	4.6	4.3	4.3	4.2	4.0	3.9	3.6	3.2	3.1	3.1	3.1	3.1	2.3	2.1	3.5	3.1	2.9	2.7
Madison	do	32	2.5	2.7	2.8	2.9	3.0	3.2	3.3	3.2	3.2	3.1	3.2	3.1	3.0	2.8	2.6	2.5	2.5	2.4	2.2	2.0	1.7	1.6	1.6	1.6	1.5	1.2	1.4	1.6	1.6	1.4
Helena	Mississippi	42	16.0	16.4	16.6	16.5	15.8	13.7	11.9	10.7	10.0	9.8	9.8	10.0	10.3	11.1	12.3	13.5	14.1	14.3	14.0	13.4	12.5	11.8	11.8	12.2	12.4	12.6	12.8	13.1	12.7	12.3
Arkansas City	do	42	12.7	13.0	13.1	13.3	13.2	12.7	11.6	10.2	8.9	8.0	7.7	8.0	9.8	11.1	11.5	12.0	12.6	12.6	12.4	12.0	11.4	10.6	9.8	9.4	9.6	11.0	11.5	11.5	11.2	10.9

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a,b,c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ^{1}Precipitation is for the 24-hour period, midnight to midnight. ^{2}Precipitation measured in morning; amount recorded is for the preceding 24 hours. ^{3}Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Corley, Paris; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Highland, R.F.D.3, Nashville; Hon, Waldron; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Springbank, Doddridge; Stamps Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Mulberry, Route 1, Mulberry; Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVII Little Rock, Ark., October, 1942 No. 10

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

October weather was close to normal, both in temperature and precipitation, for the State as a whole. The mean temperature was 62.8°, which is exactly normal for the month. At individual stations, mean temperatures ranged from 68.2° at Portland to 58.6° at Siloam Springs. The lowest temperature reported in the State was 22° at several northwestern stations on the 26th. The highest was 90° at five stations on several days. Warm periods prevailed on the first few days of the month and again from the 12th to the 20th. Cool weather was general after the 21st. On the 26th and 27th freezing temperatures and killing frost occurred over much of Arkansas.

Precipitation was about average during October. However, there were only five rainy days and precipitation was light until the 29th and 30th, when heavy to excessive rains occurred over most of Arkansas. Many western and northern stations reported over three inches of rain in 24 hours. Rogers recorded 6.72 inches on the 30th. These heavy rains caused the Arkansas River to reach flood stages early in November in the western portion of the State.

During most of the month ideal weather aided farmers in harvesting and other outside activities. Cotton picking and corn gathering progressed rapidly and were nearly completed by the end of the month. Towards the latter part the soil was becoming quite dry and forest fires were springing up. Some butchering was accomplished during the cool weather.

A devastating tornado struck Berryville, Carroll County, at 10:30 p.m. on October 29th, killing 29 people, injuring over 100 persons and rendering over 600 homeless. About 137 homes and other buildings were totally destroyed and 65 other buildings sustained major damage. The path of the tornado was approximately one half mile wide and one and one half miles in length, and moved slightly north of east over the northern section of Berryville. It it thought that property damage was at least $500,000. About 5:40 p. m. of the same date, a tornado struck the southeastern section of Mena, Polk County, moving from the southwest towards the northeast. The width of the tornado was about 100 yards. No one was killed or injured. Damage to buildings is estimated at $15,000. Heavy rain and tornadic winds caused some property damage in Rogers, Benton County, on the same date. Other communities reporting damage from this storm were Newport, Jackson County, where some buildings were unroofed and several people slightly injured; and near Morrilton, Conway County, where high winds caused property damage of about $5,000.

B.N.W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville	30.05	30.48	6	29.35	26	5.5	26	sw.	29	..	..	..	50
Fort Smith	30.00	30.28	9	29.50	22	5 6	21	w.	30	..	..	..	58
Little Rock	30.03	30.31	9	29.56	22	6.4	30	s.	29	88	49	60	75
Memphis ..	30.02	30.31	9	29.54	22	6.9	25	n.	26	86	49	64	72

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Dense fog	..	1	1	5	..	..	2	1	..	..	..	1	..	..	..	1	1	1	8	6	2	1	..	..	..			..	4	1	..
High winds		..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..	..	1	1		2	13	15	..
Hail	..	..	..	..	..	..	..	..	..	..	..		..	..	..	..	..		1	1	..	..	..	..		..	..	..	1	..	..
Thunderstorms	1	1	2	2	..	..	..	..	..	..	..	..	..	..	..	1	1	1	3	2	..	..	..	..	..	..	..	..	17	30	..

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	63.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	28	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.03	0.0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	95	18	5.41	0.6	9	13	9	9
1914	63.0	93	21	1.74	0 0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.89	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	13
1919	66 6	98	35	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	53.7	98	13	7 73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1927	66.0	100	30	3.13	0.0	5	22	4	5
1928	66 3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67 1	98	26	2.35	0.0	4	17	7	7
1932	60 8	94	26	3.41	0.0	6	19	4	8
1933	62.6	90	30	2.83	0.0	5	19	7	5
1934	66.2	96	25	0.79	0.0	2	21	7	3
1935	63.9	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0 0	7	16	5	10
1937	60.8	96	17	4.66	T.	8	18	4	9
1938	66.8	105	20	0.94	0.0	3	23	5	3
1939	65.1	98	20	1 71	0.0	3	21	5	5
1940	65.2	95	29	1.91	0.0	5	20	7	4
1941	68.2	96	28	8.11	0.0	13	8	9	14
1942	62.8	90	22	3.19	0.0	5	16	8	7
Period	62.8	105	12	3.20	T.	5	18	6	7

Correction for September:-Fort Smith, minimum temperature on 6th, 70°; mean minimum temperature 62.7°; monthly mean 72.5°.

Natural History Library

Climatological Data for October, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	5	63.1	......	85	3§	31	26	2.19	......	2.00	30	0.0	2	14	6	11	e.	L. R. Water Works
Arkadelphia	Clark	200	46	60.3	......	89	18	26	27	2.75	−0.67	1.50	31	0.0	5	23	4	4	nw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	57	......	......	......	......	......	......	1.66	−0.96	1.08	31	0.0	2	19	6	6	......	George W. Reitzammer
Batesville Airway	Independence	363	5	62.8	+ 2.2	86	3	29	26	2.11	......	1.74	30	0.0	6	18	7	6	se.	Airway Observer
Batesville Livestk.	Independence	....	1	60.8	......	86	3	26	26	1.74	......	0.96	30	0.0	4	19	8	4	sw.	Experiment Farm
Batesville River	Independence	277	42	......	......	......	......	......	......	2.09	−1.10	1.12	31	0.0	5	16	7	8	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	49	61.0	− 1.5	84	10§	24	26	2.00	−1.56	1.85	30	0.0	3	18	9	4	n.	Miss Minnie Scanlan
Benton	Saline	285	6	60.2	......	88	3	24	27§	3.24	......	1.47	31	0.0	5	22	6	3	sw.	S. A. Burks
Bentonville	Benton	1295	36	59.1	+ 0.2	81	9	25	26	7.62	+4.00	5.44	29	0.0	7	9	17	5	s.	U. S. Weather Bureau
Bethesda †	Independence	500	2	59.4	......	86	3	25	26	1.78	......	0.90	30	0.0	5	21	6	4	sw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	11	......	......	......	......	......	......	2.61	......	1.58	31	0.0	9	15	6	10	......	C. J. Brooks
Black Rock	Lawrence	259	40	......	......	......	......	......	......	2.63	−0.75	1.11	31	0.0	4	18	4	9	......	Vernon C. Howe
Bluff City	Nevada	....	1	65.0	......	86	17	32	27	2.51	......	2.30	30	0.0	2	25	3	3	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	16	62.6	− 0.8	88	2§	28	26	3.01	−0.51	2.19	31	0.0	8	21	6	4	s.	Maureen K. Norris
Booneville (near)	Logan	465	27	63.2	− 0.8	88	10	26	26	3.46	+0.18	....	..	0 0	7	16	4	11	e.	F. H. Randolph
Boughton †	Clark	235	6	......	......	......	......	......	......	2.45	......	....	..	0.0	4	17	8	6	......	Mrs. Ruby A. Buie
Brinkley	Monroe	205	50	62.0	− 0.6	89	16	26	27	4.66	+1.14	3.05	30	0.0	4	17	9	5	ne.	Airway Observer
Calico Rock	Izard	361	37	......	......	......	......	......	......	3.41	+0.52	2.80	30	0.0	7	15	2	14	......	William Jones
Camden	Ouachita	116	56	65.7	+ 1.8	89	17§	29	27	2.76	−0.23	1.73	31	0.0	6	14	13	4	s.	J. M. Knight
Camp Robinson	Pulaski	463	1	61.8	......	87	2§	31	24§	3.82	......	1.44	31	0.0	5	......	......	......	sw.	U. S Army
Clarendon	Monroe	172	37	......	......	......	......	......	......	3.85	+0.61	2.90	31	0.0	7	19	6	6	......	R. M. Wheatley
Clover Bend	Lawrence	235	3	59.8	......	86	3	23	26	2.66	......	2.14	30	0.0	2	18	10	3	se.	Farm Security Adm
Conway	Faulkner	309	58	65.4	+ 1.9	90	10§	28	26§	2.03	−1.39	1.81	30	0.0	4	17	12	2	s.	E. E. Cordrey
Corning	Clay	293	48	61.2	+ 1.2	87	3	25	26	2.43	−0.95	1.27	31	0.0	4	19	9	3	s.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	3.34	−0.61	2.40	30	0.0	4	16	8	7	......	O. B. McSpadden
Crossett (near)	Ashley	175	29	65.6	− 0.2	89	17	25	27	1.15	−2.35	0.41	30	0.0	4	17	9	5	n.	U.S. Forest Service
Danville	Yell	327	25	......	......	......	......	......	......	2.08	−1.76	0 94	30	0 0	7	12	13	6	......	J. M. Patterson
Dardanelle	Yell	330	55	62.8	− 0.6	87	3§	28	26§	2.71	−0.69	1.85	30	0.0	6	11	10	10		Geo. N. Goodier
DeQueen	Sevier	426	6	62.4	......	82	17§	31	27	3.57	......	1.82	3	0.0	3	22	6	3	......	L. D. McCown
Des Arc	Prairie	204	3	63.8	......	88	3	30	26	4.12	......	2.72	31	0.0	8	19	3	9	n.	Z. R. Glenn
Devils Knob †	Johnson	2350	5	60.2	......	79	10	27	26	2.67	......	1.80	30	0.0	6	16	6	9	se.	U.S. Forest Service
Dumas	Desha	162	36	65.0	− 0.2	90	17	29	27	1.35	−1.87	1.10	30	0.0	4	10	11	10	s.	Ben Johnson
El Dorado	Union	270	41	67.2	+ 1 2	89	17	34	27	1.67	−1.65	1.41	31	0.0	4	21	5	5	s.	Mrs. E. W. Gaston
England	Lonoke	229	35	63.0	− 1.0	89	16	30	26§	2.92	−0.21	2.30	30	0.0	3	15	12	4	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	41	61 4	+ 0.6	84	14	23	26	8.14	+4.43	4.50	30	0.0	10	16	9	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	4	60.6	......	83	10	26	26	6.21	......	2.93	30	0.0	9	9	10	12	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	54	60.5	− 0.3	82	12	23	26	6.52	+2 82	3.34	30	0.0	11	14	8	9	s.	University of Arkansas
Fordyce	Dallas	280	1	66.0ª	......	88ª	3§	33ª	27	3 04	......	2.79	30	0.0	5	22	4	5	sw.	Ark. Forestry Com
Fort Smith	Sebastian	448	60	63.6	+ 0.8	84	10	32	26	5.18	+2.19	1.98	30	0.0	9	14	5	12	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	4	......	......	......	......	......	......	6 26	......	3.39	30	0.0	8	14	9	8	......	Ft. Smith Water Plant
Fulton	Hempstead	260	56	......	......	......	......	......	......	3.01	+0.15	1.49	31	0.0	4	16	7	8	......	T. J. Logan
Georgetown	White	200	29	......	......	......	......	......	......	3.00	−0.39	2.50	31	0 0	3	27	1	8	......	C. G. Long
Gilbert	Searcy	600	16	60.0	......	87	5§	24	26	4.14	−0.54	3.00	30	0.0	5	21	3	7	nw.	F. E. King
Glenwood	Pike	647	6	......	......	......	......	......	......	2.44	......	0.96	30	0.0	6	19	4	8	......	Chas. A. Price
Grannis	Polk	950	22	63.2	+ 0.4	84	9§	32	26§	2.32	−1.90	1.63	30	0.0	6	17	4	10	s.	W. E. McVay
Gravette	Benton	1250	44	60.6	+ 0.9	83	9§	22	26	5.47	+1.74	2.52	30	0.0	7	15	8	8	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	4	61.6	......	81	4	26	26	3.29	......	2.67	30	0.0	6	19	4	8	nw.	U. S. Forest Service
Harrison	Boone	1052	41	60.9	+ 1.5	85	2	22	26	3.90	+0.77	2.35	30	0.0	6	16	8	7	sw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	2 06	......	1.31	31	0.0	4	15	11	5	......	Lester B. Logan
Helena	Phillips	300	69	65.0	+ 1.4	88	16§	33	27	2.98	0.0	2.55	31	0.0	6	18	5	8	ne.	James A. Burnett
Highland	Pike	491	22	....	......	84	13§	......	......	4.20	+1.03	2.60	4	0.0	3	19	7	5	s.	Clyde Cooley
Hope (near) ‡‡	Hempstead	375	71	62.8	− 3.1	86	10§	29	27§	2.38	−0 31	1.32	31	0 0	4	10	16	5	ne.	Experiment Farm
Hot Springs	Garland	600	50	65.6	+ 1.2	88	10	34	26	3.60	+0.17	2.13	30	0.0	4	17	11	3	s.	National Park Service
Index †	Little River	275	24	......	......	......	......	......	......	2.20	−0.70	0.90	4§	0.0	3	24	0	7	......	W. F. McDowell
Irons Fork †‡‡	Polk	1385	3	69.2	......	88	7	25	26	2.22	......	1.78	30	0.0	6	18	8	5	w.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	1.68	−1.98	1.55	30	0.0	2	18	10	3	......	U. S. Forest Service
Jonesboro	Craighead	345	46	63.2	+ 0.6	85	2§	31	26	2.45	−1.01	2.05	31	0.0	11	11	10	10	ne.	Benedictine Sisters
Lead Hill	Boone	650	35	59.8	− 1.0	86	2	27	27	2 67	−0.47	1.77	30	0.0	7	14	10	7	sw.	J. H. Crosswhite
Little Rock	Pulaski	275	62	63.8	+ 0.2	85	3	31	24	3.34	+0.63	2.47	30	0.0	6	15	8	8	sw.	U. S. Weather Bureau
Lutherville †	Johnson	775	43	63.0	+ 0.7	86	10	27	26	3.04	−0.96	1.61	30	0.0	4	13	7	11	se.	Clarence Lenhardt
Madison	St. Francis	209	11	......	......	......	......	......	......	4.50	+1.45	3.65	30	0.0	5	8	8	17	......	J. W. Eppes
Magnolia	Columbia	315	25	67.0	+ 0.1	88	11§	31	27	2.62	−0.23	2.30	30	0.0	2	8	18	5	sw.	State Agri. School
Mammoth Spring	Fulton	600	37	60 6	+ 1.4	87	3	24	26	4.34	+1.01	3.47	30	0.0	4	15	11	5	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	30	64.1	+ 0.6	89	17	29	27	2.67	−0.58	2.20	31	0.0	4	7	17	7	n.	Cotton Exp. Station
Marked Tree	Poinsett	229	37	61.8	+ 0.6	85	2§	30	26	3.25	−0.70	1.72	31	0.0	10	16	3	12	s.	Charles Walton
Mena	Polk	1207	53	62.8	− 0.2	85	14	32	26	2.68	−1.40	1.81	30	0.0	6	15	8	8	sw.	E. W. St. John
Monticello	Drew	273	1	67.6	......	90	16§	36	27	1.43	......	0.69	30	0.0	6	16	7	8	n.	Airway Observer
Morrilton †	Conway	315	25	61.7	− 1.5	89	2	28	27	2.05	−1.33	1.16	30	0.0	3	11	12	8	se.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	4	......	......	......	......	......	......	6.72	......	2.71	30	0.0	8	13	6	12	sw.	C. A. Lovell
Mountain Home †	Baxter	800	29	59.6	− 0.9	86	9	22	26	4.25	+0.41	3.20	30	0.0	5	16	7	8	w.	H. N. Haibert
Mountain Valley	Garland	788	4	......	......	......	......	......	......	2.11	.....	1.75	30	0.0	2	17	6	8	w.	C. A. Cockman
Mount Ida	Montgomery	702	42	60.6	− 1.2	86	10§	23	27	2.18	−1.50	1.98	30	0.0	3	14	7	10	w.	J. S. Whittington
Mt. Ida CCC	Montgomery	750	2	......	......	......	......	......	......	.. .	......	....	......	..	......	......	......	......	......	U. S. Forest Service
Mulberry (near) †	Franklin	433	3	......	......	......	......	......	......	3.08	......	2.38	30	0.0	7	15	6	11	......	Clifton H. Ward
Nashville	Howard	350	3	64.7ª	......	85ª	10§	33ª	27	4.89	......	2.37	4	0 0	6	20	10	1	e.	Brice Carruth
Newport	Jackson	231	58	63.3	+ 1.3	87	3§	31	26§	2.55	−0.98	1.70	31	0.0	5	18	8	5	s.	J. D. Henderson
Oden	Montgomery	800	14	62.7	......	85	12	29	26§	2.03	−0.84	1.64	30	0.0	4	15	10	6	w.	U. S. Forest Service
Okay	Howard	288	13	65.0	− 0.8	86	13§	30	27	3.77	+0.92	1.71	30	0.0	4	16	10	5	nw.	Charles R. Jackson
Osceola	Mississippi	250	41	......	......	......	......	......	......	3.22	+0.42	2.08	31	0.0	8	16	10	5	......	G. H. Banks
Ozark	Franklin	396	46	62.6	− 0.9	89	5	25	26	1.55	−1.72	0 98	30	0.0	6	10	7	14	e.	Orkney O. Milton
Paragould	Greene	275	18	60.6	......	84	3	28	27	2.15	−0.80	1.82	30	0.0	10	23	3	5	sw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	6.26	+2.12	3.30	31	0.0	7	20	2	9	......	Carroll King
Perryville	Perry	325	2	62.1	+ 0.4	88	13	25	26	1.86	−1.64	1.82	30	0.0	2	11	17	3	nw.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	54	66.8	− 2.2	89	3§	35	27	2.74	−0.56	2.35	31	0.0	6	15	9	7	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	2.41	−2.27	1.62	30	0.0	6	17	10	4	w.	J. R. Huddleston
Pocahontas	Randolph	300	48	62.6	+ 0.9	86	3	25	26	1.94	−1 5	1.90	30	0.0	4	20	9	2	sw.	Benedictine Sisters
Portland	Ashley	122	35	68 2	+ 3.3	90	15§	26	27	1.90	−0.85	1.30	31	0.0	2	19	6	6	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	66.1	+ 1 2	87	17	33	27	2.63	−0 47	1.67	31	0.0	4	20	5	6	n.	W. R. Hambright
Rogers	Benton	1300	51	59.4	− 0.4	81	2	22	26	9.97	+6.74	6.72	30	0.0	7	14	7	10	nw.	Howard Fowler
Rosebud	Faulkner	680	7	......	......	......	......	......	......	2.18	... ..	1.90	30	0.0	4	23	5	3	ne.	G. A. Maddox
Russellville ‡‡	Pope	526	29	62.4	− 2.0	85	3	27	26	4 13	+1.37	3.48	30	0.0	7	16	9	6	s	Ark. Tech. College
St. Charles	Arkansas	175	8	63.4	......	87	16	30	27	2.65	......	2.05	31	0.0	7	17	7	7	n.	U. S. Biological Survey
St. Francis	Clay	290	14	......	......	......	......	......	......	3.54	−0 48	1 41	31	0.0	8	18	0	13	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	63.0	+ 0 4	85	3	29	27	2.99	−0.15	1.81	31	0.0	8	16	7	8	ne.	Walter A. Smith
Sheridan	Grant	....	1	63.2	......	88	14	31	27	3.30	......	2.58	30	0.0	6	11	12	8	sw.	Ark. Forestry Com.
Siloam Springs	Benton	. ..	1	58.6	......	80	14	22	26	6.78	......	3.58	30	0 0	6	15	9	7	s.	John Brown University
Springbank †	Miller	240	32	......	......	......	......	......	......	2.38	−0.29	1.12	30	0.0	5	20	1	10	......	Henry Field
Story	Montgomery	650	17	......	......	......	......	......	......	1.64	−2.21	0.93	30	0.0	4	18	9	4	s.	S. C. Story
Stuttgart	Arkansas	214	54	63.2	− 0 2	88	16	28	27	3.20	−0.25	2.68	31	0.0	4	22	4	5	s.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	6	61.9ª	......	88ª	17	27ª	27	3.38	......	2.28	30	0.0	4	......	......	......	......	Rice Experiment Sta

Climatological Data for October, 1942 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	43	63.8	+ 0.2	87	10	31	27	4.28	+0.82	3.38	30	0.0	8	16	2	13	s	New Subiaco Abbey
Texarkana	Miller	332	57	65.6	− 0 2	86	14	39	27	2.13	−1.30	1.44	30	0.0	4	15	5	11	e.	U. S. Weather Bureau
Turnpike †	Pope	2240	17	60.8	......	79	9	26	26	4.50	−0.81	3.65	30	0.0	9	18	3	10	sw.	U. S. Forest Service
Wabash	Phillips	179	2	....	......	......	......	......	......	2.95	......	1.68	30	0.0	4	12	10	9	......	Farm Security Adm.
Waldron	Scott	675	22	61.5	......	87	10	24	26	2.27	......	1.90	30	0.0	5	6	19	6	se.	Lavou Shoptaw
Warren	Bradley	206	47	67.0	+ 2.6	90	16§	33	27	1.32	−2.21	0.97	30	0.0	4	12	9	10	nw.	C. N. Turner
Whitecliffs	Little River	290	35	....	......	......	......	......	......	6.20	+3.13	5.80	4	0.0	2	22	2	7	......	L. M. Snead
White Rock †	Franklin	2285	5	58.8	......	80	10	27	26	3.72	......	1.93	30	0.0	8	17	6	8	se.	U. S. Forest Service
Wilson	Mississippi	237	16	64.8	+ 2.0	86	3	33	26	2.79	−0.52	1.95	31	0.0	6	22	0	9	nw.	Miss Winona Anderson
Wright	Jefferson	234	2	62.3	.....	85	3§	26	27	2.93	......	2.63	30	0.0	5	24	3	4	se.	Farm Security Adm.
Wynne	Cross	167	33	62.8	+ 0.3	89	3	26	26	3.64	−0.05	2.45	31	0.0	5	15	8	8	s.	B. M. Eddins
State Means		..	..	62.8	0 0	90	10§	22	26	3.19	−0.01	6.72	30	0.0	5	16	8	7	s.	

Daily Precipitation for October, 1942

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott [2]	Arkansas		.07		.02													.06		.22							.03				2.10		2.50
Alum Fork Reser.	Ouachita.			T.		.19											T.													*	2.00		2.19
Arkadelphia [2]	Ouachita		.06		.40																									.03	.76	1.50	2.75
Arkansas City [2]	Mississippi					T.																								.58		1.08	1.66
Batesville Air'y. [1]†	White				.06														.03	.06	T.					.10				.12	1.74		2.11
Batesville Livestk [1]	White																				.03						.05				.96	.70	1.74
Batesville River [2]	White				.02															.10	T.						.15			T.	.70	1.12	2.09
Beaty Lake(near)	St. Francis		.02		1.18															.15	.17		T.				.05			.27	3.58	.50	5.92
Bee Branch	Arkansas																			.05						T.				.10	1.85		2.00
Beech Grove(near)	White																																....
Beedeville [2]	White		T.		.22	.13															T.	T.	T.				.13				.03	2.15	2.66
Benton [2]	Saline		.02		.80	T.																					T.			.04	.91	1.47	3.24
Bentonville [1]‡	Arkansas			.41												.07		.45	.44	.03			T.						T.	5.44	.78		7.62
Bethesda [2]	White				.03															.12	.03										.90	.70	1.78
Big Lake Outlet [2]	St. Francis			T.	.26	.12														.06	.05			.08			.15			.06	.25	1.58	2.61
Black Rock [2]	White				.09														T.	.38				T.							1.05	1.11	2.63
Blue Mountain [2]	Arkansas																																....
Bluff City..(near)	Ouachita	.21																													2.30		2.51
Blytheville [2]	St Francis		T.		.45															.06	.03			.10			.11			.02	.05	2.19	3.01
Booneville (near)	Arkansas	.06		.02													.02			.23							.03			*	3.10		3.46
Booneville [2]	Arkansas																																....
Boughton [2]	Ouachita		27		.18																										*	2.00	2.45
Brinkley [1]	White		T.		.97														.01				T.			T.			T.	.63	3.05		4.66
Calico Rock [2]	White				.02													.08	.05	.14							.07				2.80	.25	3.41
Camden	Ouachita		.08		.32	.12																								.03	.48	1.73	2.76
Camp Chaffee	Arkansas			.03													.05	.16	.59										T.	.05	1.47		2.35
Camp Marion [2]	Arkansas																																....
Camp Robinson [2]	Arkansas			1.17															.07						.03				T.		1.11	1.44	3.82
Carlisle [2]	Arkansas																																....
Clarendon [2]	White		.01			.17															.25						.02			.14	.36	2.90	3.85
Clover Bend	White																				.52										2.14		2.66
Cold Springs	Ouachita		.36		.08													.34		.09							.08				*	2.49	3.44
Conway	Arkansas				.11															.07										.04	1.81		2.03
Corley [2] (near)	Arkansas																																....
Corning [2]	White				T.															.06	.05						T.			T.	1.05	1.27	2.43
Cotter [2]	White				.21														.11	.62											2.40		3.34
Crossett..[near]	Ouachita																									.20				.40	.41	.14	1.15
Danville [2]	Arkansas		.06		.07												T	.04		.25							.08				94	.64	2.08
Dardanelle [2]	Arkansas		.02		T.													.13		.10							.10				1.85	.51	2.71
Denmark [2]	White		.01		.03															.02							.10			.01	.57	1.57	2.31
De Queen	Red	.25		1.82																											1.50		3.57
Dermott [2]	Mississippi		T.			.04																								.40		1.22	1.66
Des Arc [2]	White		.01		1.11	.11														.01							.08			.07	.01	2.72	4.12
Devils Knob	Arkansas	T.	T.	.03	.26																					.24	.09		T	.25	1.80		2.67
Dumas	Mississippi	T.	T		.10															T.									T	.05	1.10	.10	1.35
Eagle Gap [2]	Arkansas		.12		.10													.26		.16							.03				2.09	.21	2.97
El Dorado [2]	Ouachita		.11			.09																								.06		1.41	1.67
Eleven Point [2]	White				T													T.		.14	1.14		T.			T.				.55	1.72		3.55
England	Arkansas				.35															T									T.	.27	2.30		2.92
Eureka Springs	White	.04		.56	1.05													27	.57	.43	10					.02				.60	4.50		8.14
Evening Shade [2]	White				.01														.08	.08	.07	.01		T			.10				1.19	.68	2.22
Fayetteville	White			.46	61											T.	.16	.40	.71	.18	T.					.04	T.		T	.72	2.93		6.21
Fayetteville Exp. S	White	T.		.48	.66												.08	.68	.73	.03	.02		T.			.04	T.		.02	.44	3.34		6.52
Fordyce	Arkansas	.04	.05		.15																								T.	.01	2.79		3.04
Forester [2]	Arkansas		T.		T.													T.		.35							.03				1.35	.37	2.10
Fort Smith [1]‡	Arkansas	T	T.	.83												.25	.19	.25	.94							05			.04	.65	1.98		5.18
Fort Smith W. [2]	Arkansas				.65												.11	.10	.02	.84							.09				3.39	.06	5.26
Fulton [2]	Red		.44		.57																									T.	.51	1.49	3.01
Georgetown [2]	White				.40																						T.				.10	2.50	3.00
Gilbert [2]	White				.13															.80							.16				3.00	.05	4.14
Glenwood [2]	Ouachita		.08		.41												.06														.96	.93	2.44
Grannis	Red	.11	T.	.32	.10											T.	T.			.05										.11	1.63		2.32
Gravelly [2]	Arkansas		T.																	.40						T.				T.	*	2.00	2.40
Gravette	Arkansas			1.40													.06	44	.39	.06	.60										2.52		5.47
Green Forest [2]	White	.01		.21	.21													.27	.42	.64	.19									.19	3.51		5.65
Green Mountain	White																	.08		13						.06	.07			.28	2.67		3.29
Greenwood [2]	Arkansas		T.	T	.15												.10	.10	.05	.35							.03			.20	2.05		3 03
Harrisburg [2]	St. Francis																										.15			.08	.07	2.00	....
Harrison	White		T.	T.	.36												T.	.15		.17	.42					.45					2.35		3.90
Heber Springs [2]	White																			.06							.12				.52	1.36	2 06
Helena [2]	Mississippi			.01		.18																					.02			.16	.06	2.55	2.98
Henderson [2]	White				.09														.07	.41							.04				2.75	.15	3.51
Highland	Ouachita	.60			2.60																										1.00		4.20
Hon [2] (near)	Arkansas																																....
Hope [2]	Red		.26	12																										T.	.68	1.32	2.38
Hot Springs	Ouachita	T.		T.	1.40												T.										.02		T.	.05	2.13		3.60
Huttig [2] (near)	Ouachita		04																							.14				.45		.50	1.13
Index [2]	Red	.40			.90																										.90		2.20
Irons Fork [2]	Ouachita		.17		.16												.07	.03											.01		1.78		2.22
Jessieville	Ouachita				.13																										1.55		1.68
Jonesboro [2]	White		.03	.01	.12	.02														.06	T.	.02		.01			.10			.01	.02	2.05	2.45

Daily Precipitation for October, 1942 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LaCrosse[2]	White																			.13							.08				2.35		2.56
Lake City[2]	St. Francis				.50																						.16				*	1.96	2.62
Lead Hill	White	T.		.03	.23												T.	.12	T.	.15	.22		T.			T.			T.	.15	1.77		2.67
Little Rock[1]‡	Arkansas	T.		T.	.81														.01	.02						.02			T.	.01	2.47		3.34
Lutherville	Arkansas			T.														T.		.35						.08			T	1.00	1.61		3.04
Madison[2]	St. Francis		T.		.55	T.														.15	.10									.05	3.65		4.50
Magnolia	Red				.32																										2.30		2.62
Mammoth Spg[2]	White				T.														T	.33	.22						T.				3.47	.32	4.34
Marianna	St. Francis				.12															.10											.25	2.20	2.67
Marked Tree[2]	St. Francis				.52	.09														.03	.04	.07		.01			.03			.14	.60	1.72	3.25
Marshall[2]	White																			.90						.18				.32	2.24		3.64
Marvell[2]	White			T.		.40																								.18		2.08	2.66
Mena[2]	Ouachita		.09	T.	.21												.05	.11	T.	T.	T.	T.									1.81	.41	2.68
Mena CCC	Red																																....
Monticello Air[1]‡	Ouachita	.03	T.		.62	.02													T.										.02	.05	.69		1.43
Morobay[2] (near)	Ouachita		.07			.18																								.08		.95	1.28
Morrilton[2]	Arkansas				T.														T								.15				1.15	.75	2.05
Mountainburg	Arkansas			.65	T.											T	.25	.30	.09	.66						.20				.86	2.71		5.72
Mountain Home	White			.20														.15		.60						T			T.	.10	3.20		4.25
Mountain Valley	Ouachita				.36																										1.75		2.11
Mtn. View[2](near)	White				T.															T.	T.						.20				2.19	.23	2.62
Mount Ida	Ouachita	.11			.09																										1.98		2.18
Mount Ida CCC	Ouachita																																...
Mulberry[2]	Arkansas		.03		.20												.08	.20		.10							.09				2.38		3.08
Nashville	Red	.20	.03	.38	2.37												T.		T											.02	1.89		4.89
Newhope(near)[2]	Ouachita		T.	T																										2.00	.02		2.02
Newport[2]	White		.01		.05																						.26				.53	1.70	2.55
Nimrod	Arkansas	T.			.10															.09						.02	.01				1.64		1.86
Odell (near)[2]	Arkansas				1.13												.22	.30	1.17	.30											3.48		6.60
Oden[1]	Ouachita	.23	T.	.14													.02														1.64		2.03
Okay	Red	.37	.02		1.67																										1.71		3.77
Osceola[2]	Mississippi				.50	.18														.11	T.	T		.05			.09			.09	.12	2.08	3.22
Ozark[2]	Arkansas				.03												.04	T.	T	.21							.10				.98	.19	1.55
Paragould	St. Francis		.01		.02													T.		.08	T.		.01	.01		.05	.04			.04	1.82	.07	2.15
Parkin[2]	St. Francis					.83														.25	.16	.10								.15	.47	3.30	5.26
Perryville	Arkansas				.04																									T.	1.82		1.86
Pine Bluff[2]	Arkansas		.01			.20														.02										.04	.12	2.35	2.74
Pine Ridge[2]	Ouachita		.27		.14												.05	.04													1.62	.29	2.41
Pocahontas	White																				.01						.02			.01	1.90		1.94
Portland[2]	Ouachita		T.																							T.				.60		1.30	1.90
Prescott[2]	Ouachita		.16		.18																									T.	.62	1.67	2.63
Rogers	White			1.61													.04	.72	.62		.09				T.	T.			T.	.17	6.72		9.97
Rosebud	Arkansas				.06															.16						.12					1.90		2.18
Russellville	Arkansas		.05														.07			.10						*	.10			.33	3.48		4.13
St. Charles[2]	White		.04			.26														.04							.02			.22	.02	2.05	2.65
St. Francis[2]	St. Francis				T.															.14	.09	.37	.12	.05						.04	1.32	1.41	3.54
St. Paul[2](near)	White				.71															.30							.05				2.50		3.56
Searcy[2]	White		.17	T.	.15	.06													.04								.10			.02	.64	1.81	2.99
Sheridan	Ouachita		.05		.53															.02							.03			.09	2.58		3.30
Shirley[2](near)	White																			T.							.19			T.	1.54	.64	2.37
Siloam Springs	White			.31													.11	.75	.45											.58	3.58		5.78
Sparkman[2] (near)	Ouachita		.03	.19		.02											T													T	1.00	1.28	2.52
Springbank[2]	Red		.16	.11	.11																									T.	1.12	.88	2.38
Stamps[2](near)	Red	T.			T.																										2.01		2.01
Stephens[2] (near)	Ouachita	T.	T		T.	T.																									1.99		1.99
Story[2]	Ouachita		.09		.08																									T.	.93	.54	1.64
Stuttgart[2]	Arkansas					.10																					T.			.12	.30	2.68	3.20
Stuttgart Evap.[2]	Arkansas		T.			.04																								.31	.75	2.28	3.38
Subiaco	Arkansas	.04	.02	T.												T	.01			.18						.04	.12			.49	3.38		4.28
Sugar Grove[2]	Arkansas		.08															.34		.45							.10				2.78	.38	4.13
Texarkana[1]	Red	.49	T.	.05	.15											T.	T.									T			T.	T.	1.44		2.13
Tichnor[2]	White																																....
Turnpike	Arkansas		.01	.02	.05													.01		.32							.12		.02	.30	3.65		4.50
Viola	White																			.42											3.18	.17	3.77
Wabash	Mississippi				.29																						T.			.22	1.68	.76	2.95
Waldron	Arkansas	.06		.04													.09													.18	1.90		2.27
Walnut Grove(nr)	White																				.29					T.					2.00		2.29
Warren	Ouachita				.10																									.05	.97	.20	1.32
Whitecliffs[2]	Red				5.80																											.40	6.20
White Rock	Arkansas	T.	.12	.75												.21		.08	.18							.24				.21	1.93		3.72
Wilson[2]	Mississippi					.17															.24	.05								.16	.22	1.95	2.79
Wright	Arkansas		T.		.15															T.							.01		T.	.06	2.63	.08	2.93
Wynne[2]	St. Francis						.75													.19										.05	.20	2.45	3.64

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for October, 1942

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bethesda.....§§	Evap.	.150	.018	.126	.279	.141	.284	.177	.149	.170	.132	.214	.012	.128	.252	.144	.128	.136	.153	.005	.154	.122	.126	.180	.114	.050	.076	.004	.254	.180	.114	.099	4.271
	Mean tem.	59	62	72	71	66	61	62	62	62	64	62	64	62	63	62	64	70	63	64	62	56	52	52	54	53	40	48	48	55	60	52	59.4
	Wind move	29	29	34	81	44	72	31	20	36	16	48	29	36	32	21	16	32	22	27	20	41	65	52	33	17	71	24	56	78	117	59	1288
Hope, ...§§ Exp. Farm	Evap.	.220	.080	.191	*	.083	.242	.142	.054	.232	.026	.252	.044	.216	.128	.128	.103	.080	.148	.073	.166	.092	.207	.125	*	.264	142	.142	114	.022	.134	.154	4.004
	Mean tem.	56	69	72	72	72	63	64	64	65	66	66	66	67	68	68	68	98	68	66	62	65	63	58	56	59	49	50	47	64	54	56	63.0
	Wind move	23	19	10	46	24	64	14	13	26	17	16	27	13	10	18	34	22	13	36	66	64	60	93	25	43	65	34	41	36	70	34	1076
Irons Fork... §§ Exp. Forest	Evap.	.150	....	.032	.022	.061	.123	.094	.115	.078	.063	080	.082	.182	.058	.060	.020	.010	.074	.034	.054	.027	.070	.053	.046	.040	.055	021	.075	.115	....	.033	1.934
	Mean tem.	53	65	67	70	64	64	64	61	63	65	62	60	62	64	70	64	71	65	62	58	55	52	50	49	49	43	47	51	64	61	52	59.2
	Wind move	1	0	1	3	2	8	0	0	1	0	1	0	0	1	0	2	0	2	1	1	0	10	11	4	5	7	4	11	23	29	2	130
Stuttgart, ...§§ Rice Exp.Farm	Evap.	.131	.052	.121	.078	.086	.190	.120	.041	.036	.276	.136	.094	.120	.118	.093	.101	*	.247	.104	.106	.104	.146	.112	.112	.117	.079	.087	.128	.147	.030	.036	3.348
	Mean tem.	62	68	68	74	72	60	62	63	60	65	62	68	66	66	56	.. .	....	69	68	61	60	53	52	54	55	44	48	46	56	62	58	60 0
	Wind move	17	12	20	46	55	35	17	16	17	11	17	10	16	15	10	10	*	35	19	33	44	65	67	30	33	60	31	48	63	149	42	1043

Daily Temperatures for October, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	79	80	85	80	80	77	81	80	82	84	78	84	84	83	83	80	85	81	81	74	71	69	67	69	71	57	68	63	72	75	64	76.4
	Minimum	48	60	61	67	55	48	48	47	50	52	47	51	53	51	51	57	60	51	55	52	46	46	40	39	46	31	32	40	55	58	47	49.8
Arkadelphia §§	Maximum	72	84	88	85	83	83	83	83	84	84	79	84	86	83	86	85	79	89	83	63	62	61	60	61	58	59	53	60	64	47	69	74.2
	Minimum	42	48	58	58	63	44	57	45	45	47	46	47	47	47	51	51	56	55	59	52	47	40	40	40	39	34	26	27	40	45	42	46.4
Batesville •••	Maximum	83	83	86	83	78	79	84	85	85	84	82	85	80	83	83	84	81	79	77	73	70	63	66	68	67	57	70	66	75	63	64	76.3
	Minimum	44	61	61	67	59	46	45	46	49	51	44	49	47	47	41	52	61	56	54	55	51	46	44	44	45	29	31	40	58	59	45	49.4
Bee Branch	Maximum	81	82	81	82	80	79	80	81	83	84	82	84	83	82	84	82	81	79	76	76	72	66	67	70	70	53	69	67	68	74	64	76.2
	Minimum	42	54	58	65	55	44	42	43	47	48	41	46	46	47	44	53	59	52	51	46	44	45	38	37	43	24	26	31	53	51	41	45.7
Benton §§	Maximum	78	82	88	86	78	78	80	82	84	84	85	86	85	85	84	83	86	85	80	77	74	73	67	68	73	60	70	63	77	63	61	77.6
	Minimum	38	42	57	58	57	44	42	42	43	45	43	43	46	45	46	48	53	53	52	42	42	39	36	33	33	29	24	24	29	59	43	42.9
Bentonville •••	Maximum	76	78	74	80	69	75	78	80	81	81	78	80	80	80	79	77	70	66	70	64	58	56	58	60	51	54	68	64	72	69	65	70.7
	Minimum	49	51	66	54	50	45	44	49	50	48	46	45	50	52	54	53	57	56	56	52	45	37	37	43	31	25	37	47	56	48	38	47.5
Bluff City	Maximum	80	82	85	82	78	77	80	83	83	84	84	84	84	85	85	84	86	84	81	75	77	80	69	69	67	64	70	62	81	78	68	78.4
	Minimum	66	52	61	64	58	51	49	49	51	53	52	55	54	54	53	53	60	57	58	52	53	50	40	43	40	38	32	44	60	50	50	51.7
Blytheville	Maximum	83	88	86	78	76	79	84	80	88	80	82	80	78	82	81	82	73	77	75	68	71	66	64	68	69	57	67	70	70	70	68	75.5
	Minimum	48	59	58	65	61	46	48	50	54	52	50	52	47	51	51	52	56	50	55	55	55	44	39	43	42	28	32	39	53	60	46	49.7
Booneville (near).	Maximum	77	84	84	85	80	82	85	85	85	88	82	86	86	85	85	79	87	81	74	73	70	66	69	71	64	62	74	67	68	78	69	77.7
	Minimum	46	55	66	61	57	43	40	44	47	46	50	41	49	49	50	54	62	60	57	57	44	40	39	44	50	26	27	45	60	59	43	48.7
Brinkley	Maximum	80	86	87	74	80	78	82	82	84	85	82	84	82	84	85	89	83	83	81	76	75	70	67	71	76	59	69	66	78	74	66	78.0
	Minimum	40	58	60	65	53	43	42	44	48	47	44	50	46	46	49	50	50	51	55	50	45	44	36	32	41	28	26	30	58	56	36	45.9
Camden	Maximum	75	83	86	85	80	79	82	85	86	86	84	86	87	86	86	86	89	87	84	74	77	81	76	75	78	71	70	66	80	89	67	80.8
	Minimum	51	61	57	65	66	50	46	46	47	49	49	49	51	51	51	56	57	53	60	52	51	47	49	39	48	35	29	37	57	62	49	50.6
Camp Robinson §§	Maximum	83	87	80	78	77	80	82	83	84	80	84	82	82	83	85	84	87	80	76	72	70	66	72	56	56	76	62	77	63	65	68	75.9
	Minimum	58	61	65	61	48	46	46	49	56	44	46	51	49	50	52	53	56	57	52	49	49	37	38	31	33	31	35	40	56	47	34	47.7
Clover Bend	Maximum	74	82	86	82	76	72	76	78	82	83	85	83	80	83	82	82	85	83	83	77	68	63	68	66	65	57	71	72	73	71	72	76.1
	Minimum	46	48	57	57	55	39	41	42	43	44	43	48	48	46	44	45	48	47	52	54	42	51	42	43	42	23	25	29	32	38	37	43.6
Conway	Maximum	85	86	89	85	85	84	86	88	88	90	86	90	89	88	87	86	88	85	86	81	72	73	71	74	73	62	75	68	75	73	70	81.2
	Minimum	45	63	62	67	59	47	45	45	49	49	44	49	50	48	48	56	61	67	58	51	48	45	39	40	42	28	28	36	59	61	46	49.5
Corning	Maximum	84	85	87	84	78	80	85	86	86	81	82	81	79	82	83	82	72	78	75	78	69	66	63	68	63	56	71	71	67	72	64	76.1
	Minimum	41	59	56	61	52	40	41	43	46	51	41	49	42	45	45	54	55	50	53	56	52	43	35	45	38	25	27	34	54	59	42	46.4
Crossett	Maximum	81	85	87	83	82	80	82	85	87	87	85	87	86	87	88	88	89	88	83	77	83	87	80	74	75	72	70	67	84	76	70	81.8
	Minimum	51	60	54	58	69	45	46	43	46	46	46	47	48	47	48	52	54	53	55	45	45	40	51	46	51	42	25	37	58	64	55	49.3
Dardanelle	Maximum	80	85	87	82	80	80	83	84	85	87	85	85	85	83	84	81	84	81	78	75	72	68	69	71	69	60	69	69	66	77	68	77.8
	Minimum	43	55	62	64	57	44	42	43	48	47	43	44	48	47	47	60	60	56	53	51	45	45	39	42	46	28	28	38	55	58	43	47.8
De Queen	Maximum	68	77	78	77	75	74	75	76	78	77	80	76	78	79	79	78	82	82	70	72	72	72	65	66	71	62	67	64	78	80	65	74.0
	Minimum	53	60	63	67	61	48	48	47	47	50	51	47	50	53	54	55	64	62	51	51	46	42	38	39	51	35	31	47	58	60	45	50.8
Des Arc	Maximum	83	85	88	84	79	79	80	81	80	82	80	86	80	82	85	87	80	84	82	77	74	70	67	70	74	58	70	65	76	75	67	77.7
	Minimum	44	62	60	64	61	45	44	45	50	49	43	49	48	46	49	53	59	53	54	50	50	45	37	37	44	30	32	37	54	61	48	49.8
Devils Knob	Maximum	71	75	75	75	70	72	75	74	78	79	74	77	78	78	77	73	75	68	69	68	62	57	61	61	54	52	63	56	62	66	57	68.8
	Minimum	55	55	61	59	51	53	58	57	56	60	54	59	58	58	61	60	59	55	55	50	48	46	40	43	41	27	39	43	50	53	38	51.7
Dumas	Maximum	80	88	81	78	82	79	81	87	85	87	82	87	86	86	88	89	90	88	80	79	80	82	68	72	77	71	72	68	87	75	64	80.6
	Minimum	42	54	58	64	60	46	43	44	47	49	45	50	50	46	50	52	55	55	56	52	52	46	48	42	50	35	29	36	58	63	52	49.3
El Dorado	Maximum	81	84	85	88	80	79	81	84	84	86	87	86	87	87	86	88	89	87	78	78	79	81	74	77	73	77	78	79	88	78	75	82.1
	Minimum	58	60	60	66	68	48	48	49	50	52	53	52	51	53	54	56	59	56	60	51	50	48	48	44	43	40	34	47	50	65	52	52.4
England	Maximum	85	84	86	83	77	77	82	84	85	83	79	85	84	82	82	89	85	82	82	79	74	74	66	70	76	59	58	64	77	74	60	77.6
	Minimum	43	57	57	65	62	45	43	44	45	57	44	49	49	46	53	57	55	62	55	49	49	42	36	34	43	30	30	33	57	59	46	48.3
Eureka Springs	Maximum	77	82	76	80	79	77	82	81	83	83	78	82	82	84	81	79	71	69	71	65	64	59	59	59	54	55	69	65	65	68	61	72.3
	Minimum	53	58	65	58	60	48	46	52	56	58	44	51	48	58	53	55	56	55	55	53	48	48	37	43	43	23	41	47	55	56	38	50.4
Fayetteville	Maximum	76	82	75	82	78	77	82	80	82	83	81	82	82	81	79	79	73	68	71	63	62	58	57	67	62	57	68	62	70	70	65	72.7
	Minimum	52	57	67	55	52	43	43	44	48	46	43	41	46	49	48	53	59	58	57	56	47	46	39	45	43	26	39	48	56	57	38	48.4
Fayetteville Exp. S	Maximum	75	81	79	80	79	76	80	79	81	80	79	82	80	80	80	80	75	70	70	65	62	62	57	67	64	57	68	65	71	71	65	72.9
	Minimum	49	56	58	56	51	43	43	47	49	46	44	42	48	50	48	53	58	58	57	56	46	48	38	44	44	23	37	47	56	58	37	48.1
Fordyce	Maximum	75	82	88	80	82	80	82	84	84	88	82	87	86	85	86	88	87	85	78	76	78	79	68	72	77	68	71	63	71	78	..	79.7
	Minimum	56	62	61	65	65	49	50	52	52	54	50	55	53	53	55	58	60	55	59	49	50	47	44	40	50	35	33	43	59	59	..	52.4
Fort Smith •••	Maximum	74	81	79	81	73	77	80	82	83	84	84	83	82	82	80	77	83	71	69	69	65	63	64	68	60	57	70	63	77	71	60	73.9
	Minimum	54	58	68	62	56	51	50	53	55	55	56	51	55	57	57	58	65	60	58	57	51	45	48	51	43	32	36	48	59	55	45	53.2
Gilbert §§	Maximum	82	84	86	84	87	83	79	80	84	87	81	82	79	83	80	78	74	77	78	78	72	67	68	64	57	60	62	64	75	71	63	75.8
	Minimum	39	45	56	61	56	54	43	38	40	42	40	42	44	40	40	49	56	52	52	48	45	40	38	42	43	24	32	38	46	50	38	44.3
Grannis	Maximum	67	78	75	79	77	79	81	82	84	83	82	82	82	83	82	81	84	76	78	73	72	75	67	69	70	64	69	64	79	76	66	76.1
	Minimum	50	56	68	63	58	50	47	47	47	53	53	48	58	53	54	59	69	57	48	49	47	40	36	41	51	32	32	43	54	56	43	50.4
Gravette	Maximum	78	80	75	82	79	77	81	79	83	83	80	82	82	80	79	75	72	66	70	66	65	57	58	60	55	56	69	63	72	70	68	72.3
	Minimum	50	56	65	51	51	40	43	56	51	48	49	47	53	54	54	51	58	57	58	55	46	46	35	44	42	22	39	47	56	52	37	48.8
Green Mountain	Maximum	78	79	80	81	78	74	78	79	77	77	78	76	76	76	75	77	75	72	71	69	68	60	61	61	59	53	65	64	65	71	65	71.5
	Minimum	55	59	60	62	57	42	54	58	58	56	52	56	56	56	54	59	55	55	52	55	49	48	40	45	45	26	40	45	55	57	40	51.6
Harrison	Maximum	81	85	80	81	78	80	84	82	84	82	79	84	83	83	84	83	73	74	76	75	64	62	64	66	59	56	74	66	69	73	65	75.1
	Minimum	41	52	65	60	55	46	41	42	49	47	37	42	45	43	42	53	52	55	56	49	51	48	38	45	43	22	34	43	57	58	36	46.7
Helena	Maximum	83	85	86	80	77	76	80	83	82	83	80	84	80	83	85	88	88	84	83	77	77	73	64	71	64	67	67	68	80	74	63	77.9
	Minimum	50	60	62	64	64	47	46	51	56	50	48	58	53	56	57	59	60	59	60	52	51	45	42	43	51	34	33	41	54	61	51	52.2
Highland	Maximum	80	81	82	79	78	79	80	78	77	79	80	80	84	82	83	82	84	79	78	77	76	78	77	78	77	78	78	80	79	80	78	79.4
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope §§	Maximum	70	82	83	83	78	78	82	83	85	86	81	85	86	85	84	85	86	79	75	74	79	80	68	72	75	61	70	65	81	62	69	77.8
	Minimum	43	56	60	60	65	48	46	45	45	45	51	47	48	51	51	52	52	54	56	50	51	46	49	41	43	37	29	29	47	47	42	47.9
Hot Springs	Maximum	75	81	86	80	78	80	82	82	83	88	82	85	85	84	84	84	85	79	76	75	73	73	71	72	70	62	71	64	74	74	67	77.6
	Minimum	55	62	63	68	62	51	51	51	53	54	51	54	55	55	57	61	62	59	58	54	57	54	41	40	50	34	42	45	57	58	47	53.6
Irons Fork §§	Maximum	67	78	78	77	76	77	88	81	82	84	82	82	82	83	82	76	83	76	77	68	69	67	67	66	68	61	68	64	75	66	64	74.6
	Minimum	39	52	56	62	53	41	41	41	44	46	43	39	42	45	47	53	59	54	48	47	41	36	33	32	30	25	26	38	53	56	40	43.9
Jonesboro	Maximum	82	85	84	81	77	78	83	84	84	79	83	82	76	82	82	85	78	77	78	72	69	63	63	68	69	52	69	68	71	73	62	75.5
	Minimum	45	63	59	65	61	49	48	49	52	54	49	56	48	52	51	56	59	52	55	55	54	48	42	43	46	31	36	37	55	59	46	50.8
Lead Hill	Maximum	82	86	83	82	74	78	83	83	85	83	79	83	82	82	83	82	70	74	74	74	65	62	61	64	55	70	74	64	71	71	64	74.9
	Minimum	39	48	64	66	55	38	39	39	40	42	34	39	40	39	39	51	58	54	54	53	44	43	35	44	40	40	27	33	58	59	35	44.8
Little Rock •••	Maximum	80	84	85	80	78	77	79	81	83	84	78	83	82	81	82	84	83	80	79	75	72	72	65	68	74	57	70	62	77	77	65	76.7
	Minimum	48	64	63	66	59	50	48	48	50	52	50	53	55	51	53	58	61	57	59	51	51	47	43	41	46	35	31	35	58	57	41	51.0
Lutherville	Maximum	78	83	84	82	75	78	81	81	85	86	81	83	84	82	82	76	82	74	74	75	69	64	66	70	60	57	70	61	65	74	64	75.0
	Minimum	53	63	63	63	57	47	46	48	51	53	47	44	54	53	52	59	62	57	63	51	49	44	42	56	47	27	32	43	55	58	44	51.1
Magnolia	Maximum	83	86	85	85	80	80	83	85	86	87	88	87	88	88	86	86	87	87	78	77	78	83	80	76	80	79	77	64	84	83	69	82.1
	Minimum	65	63	60	67	64	62	45	46	48	48	48	46	53	50	51	60	58	53	55	49	50	47	48	43	54	42	31	43	50	60	50	51.9
Mammoth Spring	Maximum	82	85	87	83	77	78	76	85	86	80	80	86	80	82	83	82	83	76	76	75	70	62	63	63	59	53	73	68	66	70	66	75.3
	Minimum	40	55	57	63	54	40	41	43	45	46	40	46	43	41	44	54	51	53	53	57	53	45	39	47	40	24	26	32	48	63	40	45.9
Marianna	Maximum	83	87	88	82	82	78	81	83	85	83	82	84	82	81	85	88	89	83	83	78	74	73	65	70	75	68	69	67	79	76	76	79.4
	Minimum	47	57	60	66	64	43	42	45	49	47	44	52	47	52	54	55	51	54	61	50	50	42	38	36	44	32	29	35	55	61	50	48.8
Marked Tree §§	Maximum	83	85	85	77	76	77	83	83	84	81	83	83	81	83	83	85	77	81	78	72	71	67	64	70	70	53	69	70	73	63	62	75.9
	Minimum	45	50	58	60	62	47	45	48	51	52	50	51	48	50	50	50	54	51	51	52	52	43	41	39	43	30	32	33	38	56	47	47.7
Mena	Maximum	73	79	75	78	75	78	81	82	84	83	83	83	83	85	82	77	84	74	73	70	68	70	66	69	66	61	70	65	77	73	62	75.1
	Minimum	51	58	61	65	59	47	48	47	51	52	52	46	50	51	52	57	62	59	54	52	50	46	38	36	52	32	38	43	56	57	45	50.5
Monticello •••	Maximum	83	86	89	81	89	79	82	85	85	86	83	87	85	85	87	90	90	89	80	80	81	84	68	75	79	59	70	68	84	74	66	80.9
	Minimum	57	64	63	65	68	51	49	50	53	53	54	53	58	54	53	57	60	60	59	51	49	49	52	47	55	41	36	44	60	62	54	54.2
Morrilton §§	Maximum	84	89	87	84	80	79	82	84	83	85	79	84	84	83	83	79	84	74	79	74	72	70	67	69	70	60	72	68	77	65	65	77.2
	Minimum	41	60	61	62	57	45	43	44	46	47	41	46	46	46	45	49	61	52	52	50	43	45	39	39	39	29	28	29	41	59	46	46.2
Mountain Home	Maximum	84	85	85	82	76	78	83	83	86	85	80	83	82	82	83	83	72	68	75	74	67	60	65	64	54	56	74	67	69	73	62	74.8
	Minimum	40	50	62	59	53	40	40	43	48	40	38	43	44	42	42	53	56	49	48	49	47	40	36	45	40	22	28	37	57	54	33	44.5
Mt. Ida	Maximum	80	82	83	82	77	78	82	83	84	86	83	83	85	85	84	81	86	79	78	74	73	74	69	72	72	63	70	63	80	77	67	77.9
	Minimum	36	54	57	60	58	42	38	39	41	42	41	38	42	43	44	56	55	50	51	45	42	37	32	29	34	25	23	34	57	58	42	43.4
Nashville	Maximum	74	81	82	83	79	78	80	82	84	85	82	84	82	82	85	81	85	78	..	75	74	75	76	72	69	65	70	66	82	80	68	78.0
	Minimum	54	62	61	67	64	51	50	50	52	53	54	50	56	54	55	59	51	58	..	50	48	44	45	41	42	34	33	43	59	59	44	51.4
Newport	Maximum	83	85	87	84	78	79	84	85	85	84	83	85	81	83	85	87	78	80	80	77	72	63	65	71	60	56	70	67	72	75	65	77.1
	Minimum	44	63	59	66	61	47	44	46	49	53	46	53	48	49	49	57	60	53	54	53	50	44	44	43	47	31	31	35	57	53	46	49.5
Oden •••	Maximum	70	82	81	81	77	80	83	83	84	83	83	85	84	84	83	78	85	76	75	72	69	70	68	70	69	63	70	65	78	75	65	76.5
	Minimum	50	59	62	66	61	46	45	45	48	50	48	44	48	49	50	59	59	56	56	52	49	44	34	35	47	29	29	40	58	54	45	48.9

Daily Temperatures for October, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	78	82	81	84	82	78	83	83	85	85	85	85	86	86	84	82	85	85	78	76	78	80	73	71	76	68	71	66	83	80	70	79.6
	Minimum	52	61	63	68	62	48	47	47	48	49	49	46	54	53	53	57	58	58	51	49	45	43	40	39	52	34	30	47	61	58	42	50.5
Ozark	Maximum	77	82	84	74	89	80	83	83	87	88	82	85	87	85	84	78	83	79	76	70	69	65	68	69	64	60	71	65	67	77	68	76.7
	Minimum	46	52	65	59	56	45	42	45	48	48	45	45	51	50	50	55	61	62	59	50	46	40	43	42	48	25	29	40	58	59	44	48.6
Paragould	Maximum	79	82	84	80	80	75	79	79	80	77	79	80	78	79	79	81	72	76	76	70	67	62	59	65	67	56	67	69	68	72	62	73.5
	Minimum	40	58	55	65	60	44	43	44	47	51	48	51	45	48	48	54	57	50	54	54	54	42	38	43	43	29	28	31	55	59	44	47.8
Perryville	Maximum	84	85	86	83	79	78	83	84	83	85	80	85	88	84	84	80	84	79	80	82	71	72	67	76	71	59	71	66	72	82	73	78.6
	Minimum	41	59	58	66	59	44	40	40	45	45	40	44	44	44	44	54	57	49	53	51	44	39	35	35	43	25	26	34	56	59	42	45.6
Pine Bluff	Maximum	78	87	89	89	81	81	84	87	84	87	83	87	85	85	84	89	87	88	78	79	77	78	71	74	71	61	72	64	79	77	65	80.0
	Minimum	52	61	62	62	67	52	49	48	51	52	53	55	55	53	54	57	60	61	62	52	55	49	45	44	51	38	35	39	61	70	53	53.5
Pocahontas	Maximum	83	83	86	85	77	80	84	84	85	83	83	84	81	83	82	83	80	79	77	75	73	65	65	62	63	55	69	71	67	74	62	76.2
	Minimum	42	58	59	65	56	46	43	44	47	57	50	55	50	50	50	57	58	53	53	57	53	45	37	47	44	25	27	32	56	59	42	48.9
Portland	Maximum	82	86	86	88	84	80	82	85	86	87	85	89	87	87	90	90	90	90	85	78	83	85	72	75	75	72	70	70	84	78	69	82.3
	Minimum	69	69	74	79	70	55	45	45	52	49	49	54	54	50	50	53	58	60	59	50	49	45	51	46	53	42	26	37	59	72	56	54.2
Prescott	Maximum	82	81	84	82	81	79	81	83	83	85	83	84	83	85	85	82	87	84	79	75	78	79	72	70	76	71	71	65	81	80	67	79.3
	Minimum	54	62	61	67	65	52	48	49	50	52	54	50	58	55	55	59	60	58	57	52	51	48	44	43	53	36	33	43	59	62	49	52.9
Rogers	Maximum	75	81	74	79	71	75	80	79	80	80	71	80	79	79	79	77	71	65	72	63	62	56	58	61	53	56	68	63	73	70	61	70.7
	Minimum	49	53	64	55	50	43	44	47	50	50	46	44	51	51	50	55	57	56	56	55	45	45	36	44	42	22	36	45	54	57	36	48.0
Russellville	Maximum	82	84	85	83	79	78	81	83	84	81	80	83	84	83	83	80	83	81	75	74	71	68	67	68	67	58	72	68	67	77	68	76.7
	Minimum	42	55	61	66	54	44	42	42	48	49	45	45	47	47	47	61	64	57	54	54	46	41	39	42	48	27	28	35	57	60	44	48.1
St. Charles §§	Maximum	79	84	85	73	77	77	81	83	85	84	82	85	84	83	86	87	86	85	81	78	75	76	70	75	74	56	69	67	80	70	69	78.3
	Minimum	46	54	57	64	64	46	45	47	50	50	47	52	50	49	52	53	54	54	56	50	52	48	42	38	43	35	30	33	33	61	51	48.6
Searcy	Maximum	86	82	85	80	77	78	80	80	82	82	79	82	80	80	82	84	84	80	79	74	71	66	65	68	73	57	68	65	75	75	64	76.0
	Minimum	44	62	60	66	61	49	45	47	50	52	51	54	53	52	50	55	62	54	55	50	48	45	41	42	48	30	29	32	56	60	46	50.0
Sheridan	Maximum	80	85	86	82	79	80	82	83	83	85	80	85	83	88	85	86	87	82	79	76	75	74	68	71	75	59	70	62	78	77	65	78.4
	Minimum	47	60	59	61	59	44	44	44	46	49	43	48	48	48	49	52	54	50	55	45	46	41	50	43	54	34	31	36	52	56	44	48.1
Siloam Springs	Maximum	75	78	72	78	76	73	75	75	79	78	76	79	78	80	75	75	70	66	65	65	63	55	53	62	60	55	67	61	69	67	60	69.7
	Minimum	51	53	65	51	51	41	43	45	48	46	47	44	50	51	51	51	57	57	56	55	47	45	36	43	42	22	37	47	54	51	36	47.5
Stuttgart	Maximum	80	80	85	87	83	79	78	80	84	85	84	86	82	85	86	88	86	87	84	79	75	73	67	71	74	60	71	65	78	74	64	78.7
	Minimum	44	62	57	60	63	46	44	45	49	49	46	52	52	47	52	54	47	54	56	48	48	42	39	39	47	31	28	32	56	61	49	47.8
Stuttgart (near). §§	Maximum	80	84	85	87	78	76	82	83	84	84	80	84	82	84	85	..	88	84	80	76	74	74	66	70	74	55	69	65	78	64	65	77.3
	Minimum	43	53	52	62	64	45	42	43	47	46	45	52	50	48	48	51	..	54	55	46	46	42	37	37	30	32	27	28	36	60	50	46.0
Subiaco	Maximum	79	82	84	84	75	88	84	85	86	87	84	85	86	84	84	78	85	76	74	72	68	65	68	70	64	57	72	64	67	77	65	76.7
	Minimum	48	49	66	62	58	45	46	50	51	51	49	47	56	52	52	57	63	59	58	57	53	45	42	48	50	32	31	42	57	58	45	50.9
Texarkana ***	Maximum	66	82	82	81	78	77	80	83	82	82	80	84	81	86	81	84	84	77	74	73	74	79	66	72	74	62	68	69	83	77	67	77.0
	Minimum	62	63	64	69	58	50	53	52	53	56	55	50	56	56	57	62	60	60	54	52	53	51	45	44	52	40	39	53	63	56	44	54.3
Turnpike	Maximum	72	78	76	77	69	72	78	72	79	78	75	79	78	78	78	72	77	71	71	70	63	58	62	65	59	55	65	64	64	68	59	70.4
	Minimum	55	55	62	60	53	51	56	56	59	60	50	59	55	57	60	61	58	53	53	49	50	46	38	42	42	26	39	43	50	53	37	51.2
Wabash	Maximum	..	..	..	..	..	87	..	..	..	..	..	..	..	90	90	88	90	90	90	86	82	80	80	74	82	78	71	72	84	85	71	....
	Minimum	..	..	..	..	..	44	..	..	..	..	..	..	..	47	50	50	54	52	52	52	53	48	42	36	41	34	27	38	56	62	52	....
Waldron	Maximum	73	82	88	84	77	79	83	83	85	87	84	84	84	85	84	75	86	77	75	68	71	67	70	64	67	61	71	79	76	78	66	77.0
	Minimum	45	54	62	62	58	40	38	41	43	44	44	37	44	45	46	54	61	59	38	37	38	50	50	41	50	24	26	38	57	57	44	46.0
Warren	Maximum	80	84	85	83	80	88	83	85	86	86	84	88	85	87	88	90	90	90	81	79	80	84	76	74	78	72	68	66	80	78	66	81.4
	Minimum	53	60	54	70	67	48	46	46	48	50	50	55	53	52	51	57	58	57	63	53	55	49	51	43	53	40	33	38	60	62	52	52.5
White Rock	Maximum	67	77	76	75	68	72	76	76	78	80	77	76	79	79	76	73	77	67	64	69	61	58	61	62	54	50	60	64	62	68	58	69.0
	Minimum	55	54	59	58	52	49	55	52	54	60	52	56	57	58	58	52	57	53	54	50	48	44	38	42	38	27	28	34	42	42	28	48.6
Wilson	Maximum	82	80	86	85	83	78	83	84	85	81	85	82	78	83	85	84	82	81	78	73	70	69	69	70	70	64	70	83	80	78	75	78.6
	Minimum	48	60	59	60	59	46	45	48	54	55	55	50	48	54	50	54	56	56	55	55	56	47	44	42	49	33	37	39	56	56	54	51.0
Wright	Maximum	78	82	85	83	79	74	78	79	80	79	79	83	80	80	85	85	84	82	84	78	73	74	69	68	72	72	68	63	76	75	62	77.1
	Minimum	43	61	56	65	60	45	41	40	43	51	46	52	50	50	48	48	48	53	58	49	50	43	43	35	44	30	26	30	57	58	49	47.5
Wynne	Maximum	85	88	89	79	79	79	84	85	84	84	83	85	83	84	85	88	81	85	83	75	75	69	63	70	76	57	71	75	75	73	66	78.7
	Minimum	46	59	60	60	63	43	42	45	48	46	40	46	42	49	46	50	56	52	52	49	49	40	35	34	43	26	30	40	54	61	46	46.8

Daily River Stages for October, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	13.6	12.2	10.7	9.7	9.1	11.2	8.8	8.8	9.8	12.4	11.8	10.7	10.2	9.8	9.5	9.2	8.9	8.4	8.7	9.9	10.4	11.3	11.6	11.6	11.6	10.4	9.6	9.3	9.2	9.4	15.5
Van Buren	do	22	13.4	11.7	9.8	8.5	7.8	10.1	7.6	7.3	8.3	11.5	11.2	9.8	9.1	8.6	8.3	8.0	7.6	7.3	7.4	8.3	9.3	10.1	11.0	10.8	10.8	9.6	8.6	8.0	8.0	8.4	14.8
Danville	Petit Jean	20	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	11.6
Ozark	Arkansas	22	9.4	8.4	6.8	5.4	4.4	4.5	5.5	4.4	4.0	6.0	7.5	6.4	5.3	5.1	4.7	4.4	4.0	3.7	3.5	3.4	5.2	5.5	6.7	6.7	7.0	6.4	5.3	4.5	4.2	4.0	6.0
Dardanelle	do.	22	11.6	11.8	10.5	9.0	7.7	6.8	7.8	7.5	6.0	6.7	9.4	10.1	8.8	8.0	7.5	7.1	6.8	6.4	6.2	6.1	6.3	7.8	8.3	9.6	9.3	9.5	8.5	8.3	6.8	7.0	7.2
Morrilton	do.	20	6.8	7.8	7.1	5.4	4.8	2.6	2.2	3.8	1.8	1.4	3.4	5.8	5.2	3.9	3.2	2.8	2.4	2.0	1.6	1.4	1.4	1.6	3.5	4.8	5.2	5.3	4.9	3.6	2.6	2.4	2.8
Little Rock	do.	23	6.8	8.1	8.6	7.8	6.4	5.2	4.4	4.4	5.0	3.8	3.6	5.3	6.8	6.2	5.3	4.8	4.4	4.1	3.8	3.6	3.4	3.4	4.4	5.1	6.2	6.3	6.4	5.9	5.0	4.5	4.3
Pine Bluff	do.	25	9.6	10.9	12.1	12.0	11.0	9.6	8.4	7.8	8.0	8.0	7.0	7.0	9.3	10.2	9.4	8.5	8.0	7.6	7.2	6.9	6.4	6.4	6.4	7.8	8.7	9.8	9.9	9.8	9.0	8.2	7.8
Gilbert	Buffalo	30	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	5.2
Black Rock	Black	14	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.8	1.8	1.8	1.6	1.5	1.5	1.5	1.5	1.5	1.6	6.5
Heber Springs	Little Red	30	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.3
OzarkBeachMo	White	30	0.4	-0.2	-0.6	-0.6	0.4	0.4	1.2	0.0	-0.2	0.0	-0.6	-0.2	-0.1	0.2	0.4	-0.6	0.4	-0.5	0.1	0.3	-0.1	0.0	0.6	-0.6	-0.6	-0.2	0.5	0.4	-0.6	9.0	14.5
Cotter	do	21	1.5	1.5	1.4	1.4	1.6	1.7	2.2	2.1	1.7	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.8	1.9	1.9	1.8	1.8	1.6	1.4	2.4	10.1
Calico Rock	do	18	0.7	0.8	0.9	0.9	0.9	0.9	1.0	1.2	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.7	0.8	0.9	0.8	0.7	0.8	0.9	0.8	0.9	0.8	0.6	0.7	2.3	4.6
Batesville	do	23	4.6	4.4	4.4	4.6	4.5	4.5	4.5	4.8	4.9	4.6	4.5	4.4	4.3	4.3	4.3	4.3	4.2	4.3	4.3	4.3	4.4	4.3	4.3	4.3	4.4	4.4	4.5	4.4	4.3	4.5	9.7
Newport	do	26	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.4	-0.4	-0.4	-0.2
Georgetown	do	21	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.7	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
Des Arc	do	24	4.0	3.9	3.8	3.9	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0
Clarendon	do	26	8.8	8.7	8.6	8.6	8.5	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.6
St. Charles	do	25	....	....	....	....	8.6	8.6	8.4	8.3	8.3	8.2	8.1	8.0	8.0	8.0	8.0	7.9	7.8	7.8	7.7	7.6	7.6	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.7
Glenwood	Caddo	..	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.5	5.6
Arkadelphia	Ouachita	17	4.6	5.0	5.1	5.0	4.6	4.8	4.4	4.6	4.6	4.8	5.0	4.3	4.2	4.4	5.6	5.2	4.6	4.6	4.4	4.3	4.5	5.2	5.9	6.0	5.6	5.0	4.0	4.3	5.1	4.8	6.8
Boughton	Little Mo.	20	4.2	4.2	4.2	4.2	4.1	4.4	5.4	4.8	4.7	4.6	4.4	4.1	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.7	3.6	3.6	3.5	3.6	3.6	3.5	3.5	3.5	4.6	4.6
Camden	Ouachita	26	4.6	4.9	4.7	5.0	4.9	4.8	4.6	4.8	4.8	4.9	4.7	4.7	4.6	4.3	4.0	4.1	4.7	5.0	4.9	4.6	4.1	4.1	4.3	4.7	4.5	4.5	4.7	4.2	4.0	4.1	4.7
Benton	Saline	20	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.9
Index	Red	25	9.7	9.2	8.9	9.1	9.1	9.0	9.0	8.8	8.8	8.7	8.1	7.4	7.2	7.0	7.0	7.0	6.9	6.9	6.6	6.6	6.6	10.0	15.2	16.0	13.4	12.7	11.4	10.7	10.4	10.0	9.4
Fulton	do	25	9.4	9.2	9.0	8.8	9.5	9.6	9.1	8.5	8.2	7.8	7.6	7.3	7.2	7.0	6.8	6.7	5.3	6.3	6.3	6.2	6.2	11.2	13.5	14.0	13.5	12.1	11.2	10.6	10.1	9.8	9.6
Big Lake Outlet	St. Francis.	10	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.7	2.7	3.2
St. Francis	do	18	3.5	3.4	3.2	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.4	2.5	2.5	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.5	2.9
St. Francis L.L.	do	..	16.2	17.3	16.5	15.5	14.9	16.5	17.4	18.3	18.5	18.7	19.0	18.5	18.0	17.3	16.5	15.5	13.9	15.9	16.8	15.9	14.5	15.8	16.8	17.4	18.0	17.5	16.6	15.6	16.0	16.9	17.9
Marked Tree	do	17	1.0	0.3	3.9	3.5	3.0	1.0	0.6	0.6	0.6	0.5	0.5	3.3	3.5	3.5	3.4	3.2	2.9	1.0	0.6	3.0	3.0	1.0	0.6	0.5	0.4	3.0	3.4	3.3	1.5	0.8	0.8
Parkin	do	28	2.6	2.1	1.5	2.2	3.1	2.9	2.1	1.4	1.1	1.0	1.0	1.0	1.8	2.8	3.0	3.0	2.9	2.7	2.1	1.4	1.9	2.7	2.1	1.3	1.0	0.9	1.2	2.7	2.8	2.5	2.0
Madison	do	32	1.3	1.3	1.2	1.1	1.0	1.4	1.3	0.9	0.5	0.3	0.1	0.1	0.1	0.6	1.2	1.3	1.4	1.4	1.2	0.9	0.4	0.6	0.6	0.8	0.5	0.1	0.0	0.2	1.0	1.8	1.5
Helena	Mississippi	42	12.0	11.9	11.9	12.2	12.6	12.9	13.3	13.8	13.9	13.3	12.8	12.6	12.7	13.0	13.1	12.7	11.9	11.1	10.4	10.3	10.4	10.6	10.8	11.0	11.1	10.9	10.6	10.4	10.0	9.5	8.6
Arkansas City	do	42	10.3	9.9	9.9	10.2	10.6	10.8	10.7	10.7	10.8	10.8	10.6	10.2	9.9	9.9	10.5	10.8	10.5	9.9	9.2	8.5	8.1	7.9	7.9	8.0	8.2	8.5	8.7	8.7	8.7	8.4	8.0

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a,b,c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:--Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Camp Marion, Route 1, Little Rock; Clover Bend, Hoxie; Corley, Paris; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Highland, R.F.D.3, Nashville Hon, Waldron; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Springbank, Doddridge; Stamps. Odell, Route 1, Canehill; Pottsville, Route 1, Russellville; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Mulberry, Route 1, Mulberry; Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVII Little Rock, Ark., November, 1942 No. 11

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GENERAL SUMMARY

This month was the warmest November in eleven years, and one of the warmest on record. The mean temperature was 54.5° for the entire State, which is 3.2° above normal. The first half of the month averaged somewhat cooler than normal but from the 16th to the 21st, unseasonably warm weather prevailed with daily temperatures ranging from ten to twenty degrees above normal. The coldest weather of the month occurred after the 21st, when all stations experienced freezing temperatures and a few reported temperatures as low as 20°. Extreme temperatures during November ranged from 88° at Wabash on the 18th to 18° at Mount Ida on the 27th. Sunshine averaged about normal as did the number of clear, partly cloudy and cloudy days. There were no destructive windstorms nor damage from hail or ice storms.

Precipitation averaged close to normal for the State as a whole, although there was considerable variance between different sections of Arkansas. Stations located in the northern and northwestern counties recorded from five to more than eight inches of rainfall, while many stations in the southern and southwestern districts measured less than two inches. For example, Eureka Springs measured 8.74 inches during November, and Texarkana recorded only 0.64 inch. The heaviest rainfall in 24 hours was 4.47 inches at White Rock on the 4th and 5th. There was an average of eight days with precipitation. Light snow flurries were observed at three northwestern stations on the 22d. Heavy rains on the 4th and 5th resulted in rises on the Arkansas and White rivers, but flood stages were not reached. The lower White was at quite high stages during most of the month.

The weather was favorable for outside farm work during November. Ample rainfall in the northern and northwestern districts replenished soil moisture and was beneficial for the growth of winter grains and grasses. Most of the cotton had been picked and corn gathered before the 15th. Other farm activities, such as digging potatoes, threshing peanuts and rice and harvesting spinach continued during the month. Considerable butchering was done during the cold weather of the last week. Killing frosts occurred throughout the State during November. With sufficient feed, livestock was in good condition.

B.N.W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville	30.09	30.54	11	29.46	30	8.1	28	sw.	16	[illegible]	[illegible]	[illegible]	56
Fort Smith	30.03	30.54	11	29.46	25	8 9	30	s.	16	85	63	68	56
Little Rock	30.09	30.56	11	29 54	25	8.8	24	w.	10	83	59	67	52

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Dense fog	..	..	1	1	2	8	15	20	7	.	1	..	..	.	..	..	..	..	2	2	3	3	..	1	..			.	1	3
High winds		..	1	..	.	1	..	..	6	2	1	.	..	..	7	9	4	3	3	..	2	1	1	..	2	1		2	2	..
Hail	:	..	..	.	.	..	..	..	..	..	..		..	..	..		..		..	..	.	..	..	..		..	..	.	..	.
Thunderstorms	..	..	1	..	..	3	3	1	12	8	..	..	.	.	.	..	4	..	..	..	14	..	..	..	..	.	..	9	4	..

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	49.7	87	10	5.56	....	8	13	7	10
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0.0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0.1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	85	11	1.96	T	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47 8	89	10	1.95	T.	5	15	4	11
1921	54 9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.34	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50 4	89	15	5.67	T	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0 1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50 5	87	16	4.15	T.	7	16	4	10
1931	57.6	88	18	6.34	T.	9	9	6	15
1932	46.7	82	9	1.98	0 1	6	16	4	10
1933	53.0	85	20	1.86	T	4	16	6	8
1934	54.0	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	3.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
1937	48.3	90	6	4.99	0.5	8	13	6	11
1938	50.7	89	8	5.26	0.1	5	16	6	8
1939	48.8	87	14	3 39	T.	7	12	5	13
1940	49.3	82	3	5.93	T.	9	13	5	12
1941	49.9	87	18	2.31	T.	6	15	6	9
1942	54.5	88	18	3.83	T.	8	12	5	13
Period	51.3	96	2	3.76	0.1	6	14	6	10

October Corrections:--Mean maximum temperature at Booneville (near) 77.8° Monthly evaporation Irons Fork, 1.937 number clear days: 17, cloudy days 6.

Natural History Library

Climatological Data for November, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	5	53.9	......	81	19	25	27	3.80	......	0.67	6	0.0	9	11	8	11	n.	L. R. Water Works
Arkadelphia	Clark	200	46	55.0	......	85	19	25	27§	1.70	−1.85	0.66	10	0.0	7	12	2	16	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	57	......	......	......	......	......	......	1.42	−2.36	0.78	22	0.0	6	15	6	9	......	George W. Reitzammer
Batesville Airway	Independence	363	5	52.8	+3.6	80	9	23	30	6.36	......	2.49	7	0.0	12	12	8	10	se.	Airway Observer
Batesville Livestk.	Independence	....	1	51.2	......	79	9	19	30	5.84	......	1.48	22	0.0	8	15	4	11	sw.	University of Arkansas
Batesville River	Independence	277	42	......	......	......	......	......	......	7.45	+4.02	3.28	8	0.0	11	16	6	8	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	49	51.2	+0.4	79	9	20	27§	4.80	+1.14	1.25	4	0.0	8	12	7	11	w.	Miss Minnie Scanlan
Benton	Saline	285	6	51.6	......	84	19	22	27§	2.45	......	0.85	29	0.0	8	14	4	12	nw.	S. A. Burks
Bethesda †	Indepe	1295	36	50.1	+1.9	75	9	24	30	7.11	+4.10	3.20	4-5	T.	13	9	12	9	s.	U. S. Weather Bureau
Big Lake Outlet †	Mississippi	239	12	50.5	......	79	9	20	30	5.83	......	1.99	8	0.0	8	13	4	13	nw.	Soil Conservation Ser.
Black Rock	Lawrence	259	40	......	......	......	......	......	......	4.58	......	1.20	22	0.0	9	9	3	18	......	C. J. Brooks
										5.93	+2.02	2.12	22	0.0	10	10	9	15	......	Vernon C. Howe
Bluff City	Nevada	....	1	......	......	82^{g}	9	......	......	1.73	......	0.58	22	0.0	6	......	......	......	......	Ark. Forestry Com.
Blytheville	Mississippi	252	16	54.2	+2.8	80	19	25	27	3.86	−0.37	1.30	22	0.0	8	17	3	10	s.	Maureen K. Norris
Booneville (near)	Logan	465	27	55.4	+2.8	84	9	23	27	2.96	−0.28	0.94	21	0.0	9	14	5	11	w.	F. H. Randolph
Boughton †	Clark	235	6	......	......	......	......	......	......	1.16	......	0.61	22	0.0	3	15	1	14	......	Mrs. Ruby A. Buie
Brinkley	Monroe	205	50	53.8	+1.9	83	19	23	27§	2.61	−1.35	1.05	21	0.0	8	11	2	17	s.	U. S. Weather Bureau
Calico Rock	Izard	361	37	......	......	......	......	......	......	4.22	+0.71	1.22	8	0.0	10	7	2	21	......	William Jones
Camden	Ouachita	116	56	59.4	+7.2	83	9	26	27§	1.92	−2.02	0.68	22	0.0	10	6	15	9	s.	J. M. Knight
Camp Robinson	Pulaski	463	1	52.6	......	82	8§	25	26§	3.22	......	0.90	21	0.0	9	6	12	12	sw.	U. S Army
Clarendon	Monroe	172	37	......	......	......	......	......	......	3.28	−0.57	0.89	6	0.0	10	13	3	14	......	R. M. Wheatley
Clover Bend	Lawrence	235	3	51.0	......	80	9	22	27	5.03	......	1.04	22	0.0	10	15	7	8	se.	Farm Security Adm
Conway	Faulkner	309	58	55.1	+3.2	83	19	23	30	3.64	+0.04	0.89	7	0.0	10	16	6	8	s.	E. E. Cordrey
Corning	Clay	293	48	52.7	+4.1	81	9	22	27	5.67	+1.91	2.08	22	0.0	9	16	3	11	w.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	6.29	+2.34	1.58	5	0.0	7	13	5	12	......	O. B. McSpadden
Crossett (near)	Ashley	175	29	59.6	+5.6	85	9	22	27	1.20	−2.68	1.10	22	0.0	2	14	5	11	s.	U.S. Forest Service
Danville	Yell	327	25	......	......	......	......	......	......	3.13	−0.71	1.41	5	0.0	6	13	8	9	......	J. M. Patterson
Dardanelle	Yell	330	55	54.4	+2.5	84	9	23	27	3.72	+0.41	1.39	5	0.0	7	8	7	15	s.	Geo. N. Goodier
DeQueen	Sevier	426	6	56.6	......	81	19	25	27§	1.31	......	0.54	5	0.0	5	14	4	12	......	L. D. McCown
Des Arc	Prairie	204	3	56.2	......	83	19	28	27	3.97	......	0.92	6	0.0	9	12	3	15	s.	Z. R. Glenn
Devils Knob †	Johnson	2350	5	49.4	......	73	9	24	26§	7.54	......	3.01	5	0.0	11	13	2	15	se.	U.S. Forest Service
Dumas	Desha	162	36	58.6	+4.9	87	4	26	27	1.46	−2.74	0.80	22	0.0	6	9	6	15	s.	Ben Johnson
El Dorado	Union	270	41	61.4	+6.2	85	12	27	27	1.27	−2.79	0.50	22	0.0	8	16	5	9	s.	Mrs. E. W. Gaston
England	Lonoke	229	35	54.4	+1.2	84	19	25	29	2.68	−1.11	0.97	22	0.0	7	11	10	9	sw	O. V. Halbrook
Eureka Springs	Carroll	1465	41	52.7	+1.8	75	13§	23	30	8.74	+5.64	2.37	21	0.0	11	16	4	10	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	4	53.0	......	76	9	25	30	5.31	......	1.28	5	T.	12	7	8	15	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	54	52.8	+3.3	76	9	22	30	5.56	+2.69	1.57	5	T.	9	12	7	11	s.	University of Arkansas
Fordyce	Dallas	280	1	57.2^{a}	......	83^{a}	19	27^{a}	30	5.41	......	3.32	6	0.0	11	16	4	10	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	60	54.6	+3.6	82	9	26	30	3.88	+1.01	2.53	4-5	0.0	10	11	6	13	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	4	......	......	......	......	......	......	5.18	......	3.33	5	0.0	8	10	6	14	......	Ft. Smith Water Plant
Fulton	Hempstead	260	56	......	......	......	......	......	......	1.17	−2.33	0.50	29	0.0	5	12	4	14	......	T. J. Logan
Georgetown	White	200	29	......	......	......	......	......	......	3.68	−0.11	0.90	8	0.0	7	15	2	13	......	C. G. Long
Gilbert	Searcy	600	16	51.8	......	81	9	20	27	3.64	+1.29	1.36	8	0.0	10	15	0	15	sw.	F. E. King
Glenwood	Pike	547	6	......	......	......	......	......	......	2.94	......	1.08	5	0.0	8	12	2	16	......	Chas. A. Price
Grannis	Polk	950	22	55.0	+4.0	80	9	24	27§	4.02	−0.10	1.62	5	0.0	12	12	2	16	s.	W. E. McVay
Gravette	Benton	1250	44	52.4	+3.4	77	9	22	30	5.77	+2.61	1.80	5	0.0	8	18	2	10	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	4	55.0	......	79	9§	31	26§	3.16	......	1.05	7	0.0	8	12	3	15	n.	U. S. Forest Service
Harrison	Boone	1052	41	52.2	+3.5	77	9	21	27	6.74	+3.93	1.60	5	0.0	9	9	9	12	s.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	4.32	......	1.36	5	0.0	8	13	6	11	......	Lester B. Logan
Helena	Phillips	300	69	56.6	+3.6	82	18§	26	27	4.80	+0.36	2.00	6	0.0	10	12	2	16	se.	James A. Burnett
Highland	Pike	491	22	56.6	+3.1	79	9§	26	30	1.25	−2.27	1.00	5	0.0	2	10	10	10	s.	Clyde Cooley
Hope (near) ‡‡	Hempstead	375	71	55.6	+1.4	81	8§	24	27	1.39	−2.37	0.49	21	0.0	7	15	7	8	s.	University of Arkansas
Hot Springs	Garland	600	50	56.1	+3.3	83	19	27	27§	2.66	−1.24	0.81	5	0.0	11	13	6	11	s.	National Park Service
Index †	Little River	275	24	......	......	......	......	......	......	2.45	−0.45	1.50	3	0.0	3	18	0	12	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	3	52.8	......	86	9	20	27§	3.51	......	2.04	5	0.0	9	11	1	18	sw.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	4.10	−0.23	0.88	4	0.0	10	12	4	14	sw.	U. S. Forest Service
Jonesboro	Craighead	345	46	54.6	+3.4	81	9	28	27	5.61	+2.22	1.53	22	0.0	10	10	6	14	sw.	Benedictine Sisters
Lead Hill	Boone	650	35	51.3	+2.9	80	9§	19	27	5.68	+2.92	1.72	5	0.0	10	14	4	12	sw.	J. H. Crosswhite
Little Rock	Pulaski	275	62	54.3	+2.2	82	19	26	30	2.76	−1.43	0.70	28-29	0.0	11	10	8	12	s.	U. S. Weather Bureau
Lutherville †	Johnson	775	43	53.0	+2.0	80	9	23	30	4.18	+0.77	1.80	5	0.0	7	12	5	13	w.	Clarence Lenhardt
Madison	St. Francis	209	11	......	......	......	......	......	......	3.78	−0.82	1.50	22	0.0	8	9	3	18	......	J. W. Eppes
Magnolia	Columbia	315	25	60.0	+5.0	84	8	25	27	2.74	−1.29	1.58	6	0.0	4	7	17	6	se.	State Agri. School
Mammoth Spring	Fulton	600	37	51.3	+2.6	80	19	20	27	6.56	+3.29	1.50	5	0.0	10	13	3	14	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	30	56.0	+3.7	82	18§	25	27	3.05	−0.45	1.15	5	0.0	6	9	7	14	s.	University of Arkansas
Marked Tree	Poinsett	229	37	52.6	+3.4	81	19	26	27§	5.43	+1.28	1.85	22	0.0	9	9	7	14	n.	Charles Walton
Mena	Polk	1207	53	55.3	+3.1	80	9	23	27§	3.74	+0.12	2.06	5	0.0	11	10	6	14	sw.	E. W. St. John
Monticello	Drew	273	1	58.5	......	85	19	30	30	1.24	......	0.41	21	0.0	7	14	5	11	s.	Airway Observer
Morrilton †	Conway	315	25	52.5	+1.6	83	19	26	27§	3.69	+0.41	1.05	5	0.0	7	13	6	11	nw.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	4	......	......	......	......	......	......	5.46	......	2.10	5	0.0	7	5	6	19	sw.	C. A. Lovell
Mountain Home †	Baxter	800	29	52.0	+3.4	80	9§	20	27	5.90	+3.07	1.50	7	0.0	9	14	1	15	w.	H. N. Halbert
Mountain Valley	Garland	788	4	......	......	......	......	......	......	1.76	......	0.48	29	0.0	5	10	6	14	s.	C. A. Cockman
Mount Ida	Montgomery	702	42	53.6	+3.0	82	9§	18	27	4.27	−0.16	1.21	6	0.0	9	10	4	16	sw.	J. S. Whittington
Mt. Ida CCC	Montgomery	750	2	......	......	......	......	......	......	....	......	....	......	..	......	......	......	......	......	U. S. Forest Service
Mulberry (near) †	Franklin	433	3	......	......	......	......	......	......	6.12	......	3.10	5	0.0	10	13	2	15	......	Clifton H. Ward
Nashville	Howard	350	3	57.4	......	82	9§	27	27	1.50	......	0.78	5	0.0	10	17	7	6	ne.	Brice Carruth
Newport	Jackson	231	58	55.1	+4.1	80	9	26	30	4.52	+0.88	0.96	22	0.0	9	14	6	10	n.	J. D. Henderson
Oden	Montgomery	800	14	54.2	......	82	9	21	30	3.11	−1.10	1.38	5	0.0	9	13	5	12	sw.	U. S. Forest Service
Okay	Howard	288	13	58.6	+5.9	86	13	23	27	1.26	−3.37	0.61	5	0.0	7	11	8	11	s.	Charles R. Jackson
Osceola	Mississippi	250	41	......	......	......	......	......	......	3.56	−0.83	1.15	22	0.0	8	12	7	11	......	G. H. Banks
Ozark	Franklin	396	46	54.2	+2.8	80	9§	22	27	4.10	+1.01	2.02	5	0.0	8	11	7	12	e.	Orkney O. Milton
Paragould	Greene	275	18	52.6^{d}	......	79^{d}	19	24^{d}	27	5.55	+2.10	1.64	22	0.0	10	14	5	11	sw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	3.73	−0.36	1.03	8	0.0	7	10	1	19	......	Carroll King
Perryville	Perry	325	2	53.1	+2.3	83	9§	21	27§	3.33	−0.27	0.84	7	0.0	8	5	15	10	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	54	58.0	+4.7	85	19	28	30	2.60	−1.40	1.02	22	0.0	8	14	6	10	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	3.77	−0.48	1.31	6	0.0	8	9	7	14	w.	J. P. Huddleston
Pocahontas	Randolph	300	48	52.8	+2.7	79	9	24	27§	6.02	+2.51	2.20	7	0.0	7	13	6	11	sw.	Benedictine Sisters
Portland	Ashley	122	35	60.3	+6.0	85	19	26	30	1.30	−2.63	0.78	22	0.0	3	14	9	7	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	58.5	+4.3	82	9§	27	27	1.35	−2.28	0.48	22	0.0	8	14	4	12	s.	W. R. Hambright
Rogers	Benton	1300	51	51.6	+2.6	75	18	22	30	7.03	+4.11	1.70	4	T.	11	14	3	13	sw.	Howard Fowler
Rosebud	Faulkner	680	7	......	......	......	......	......	......	4.51	......	1.20	4	0.0	8	16	5	9	sw.	G. A. Maddox
Russellville ‡‡	Pope	526	29	54.0	+4.2	82	9	23	27§	4.15	+0.20	1.26	5	0.0	9	14	3	13	s.	Ark. Tech. College
St. Charles	Arkansas	175	8	55.2	......	83	19	31	12§	3.53	......	1.33	22	0.0	8	11	6	13	se.	U. S. Biological Survey
St. Francis	Clay	290	14	......	......	......	......	......	......	2.94	−0.84	0.63	8	0.0	6	8^{e}	1^{e}	18^{e}	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	54.0	+3.0	80	9§	24	30	4.53	+0.65	0.82	29	0.0	8	13	1	16	se.	Walter A. Smith
Sheridan	Grant	....	1	55.0	......	83	19	21	30	1.99	......	0.53	22	0.0	10	9	10	11	sw.	Ark. Forestry Com.
Siloam Springs	Benton	....	1	50.9	......	76	19	22	30	6.77	......	2.56	7	0.0	8	9	6	15	s.	John Brown University
Springbank †	Miller	240	32	......	......	......	......	......	......	1.02	+2.79	0.30	10	0.0	7	11	3	16	......	Henry Field
Story	Montgomery	650	17	......	......	......	......	......	......	3.63	−0.33	1.44	6	0.0	5	13	2	15	s.	S. C. Story
Stuttgart	Arkansas	214	54	55.3	+2.9	87	19	25	30	3.33	−0.49	1.07	22	0.0	7	16	5	9	s.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	6	53.6	......	83	19	25	30	3.36	......	1.52	6	0.0	7	......	......	......	......	University of Arkansas

Climatological Data for November, 1942 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	55.6*	+ 2.8	83	9	25*	30	3.04	−0.05	1.35	5	0.0	9	14	2	14	nw.	New Subiaco Abbey
Texarkana	Miller	332	57	58.6	+ 3.3	82	8	30	30	0.64	−2.78	0.19	4	0.0	8	14	7	9	s	U. S. Weather Bureau
Turnpike†	Pope	2240	17	51.0	......	76	9	24	30	5.82	+2.01	2.48	5	0.0	11	12	1	17	sw.	U. S. Forest Service
Wabash	Phillips	179	2	59.8	......	88	18§	27	27	3.89	......	2.32	6	0.0	6	7	11	12	sw.	Farm Security Adm.
Waldron	Scott	675	22	54.6	......	84	9	20	27	3.32	−0.01	1.22	5	0.0	9	5	16	9	se.	Lavon Shoptaw
Warren	Bradley	206	47	59.4	+ 5.6	86	19	27	30	1.50	−2.53	0.60	22	0.0	7	9	3	18	nw.	C. N. Turner
Whitecliffs	Little River	290	35	....	......	......	......	......	......	1.15	−1.88	1.05	5	0.0	2	16	4	10	......	L. M. Snead
White Rock†	Franklin	2285	5	49.5	......	75	9	23	26§	8.10	......	4.47	5	T.	9	12	2	16	se.	U. S. Forest Service
Wilson	Mississippi	237	16	56.2	+ 5.7	80	1§	25	27	3.84	−0.30	1.21	22	0.0	8	16	0	14	nw.	Miss Winona Anderson
Wright	Jefferson	234	2	54.2	......	81	19	23	27	2.57	......	1.11	22	0.0	11	17	3	10	ne.	Farm Security Adm.
Wynne	Cross	167	33	54.5	+ 3.7	83	19	22	27	4.79	+0.88	1.50	7	0.0	6	12	8	10	s.	B. M. Eddins
State Means				54.5	+ 3.2	88	18	18	27	3.83	+0.07	4.47	5	T.	8	12	5	13	s.	

Daily Precipitation for November, 1942

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Abbott[2]	Arkansas			1.60		.61			.30		.43												1.20							.06		4.20
Alum Fork Reser.	Ouachita				.48	.60	.67	.47			.28						T.		T.	T	T.	.25	.51						.02	.52		3.80
Arkadelphia[2]	Ouachita				.12	.21			.02		.66											.11	.55							.03		1.70
Arkansas City[2]	Mississippi			.03			.02	.21			.34												.78							.04		1.42
Batesville Air'y.[1†]	White				.23	1.01	.11	2.49	.11	.48							.03				.11	1.08	.08						.53	.10		6.36
Batesville Livestk[1]	White					.80	.40	.64	*	1.99												.08	1.48							.45		5.84
Batesville River[2]	White					.75	.75	10	3.28	.12	.30							.05				.12	1.30	.06						.62		7.45
Beaty Lake (near)	St. Francis		T.			.11	.20	.95	.03		.31						T.	.02			T	.23	1.24						T.	.52		3.61
Bee Branch	Arkansas				1.25	T.		.80	.15		.15							T			.30	*	1.55							.60		4.80
Beech Grove (near)	White																															....
Beedeville[2]	White					.35	.56		1.32		.38											.20	.75						.79			4.35
Benton[2]	Saline			.03	T.	.47	.20	.05			.03											.05	.77							.85		2.45
Bentonville[1‡]	Arkansas				2.19	1.01	.01	.78	59	.19							.81	.51			.04	.92	T.	.01					.04	..	.01	7.11
Bethesda[2]	White					.83	.40	64	1.99		17											.07	1.27							.46		5.83
Big Lake Outlet[2]	St. Francis					.31	.56	.02	.58		.56											.25	1.20	.26						.84		4.58
Black Rock[2]	White					.69	.94	.23	.73	.04	.48											.12	2.12	.09						.49		5.93
Blue Mountain[2]	Arkansas								.35														.75							.20		1.30
Bluff City (near)	Ouachita				.18		.10				.47										.15		.58						.25			1.73
Blytheville[2]	St. Francis					.19	.11	.41	.10		.03										T.		1.30	.97						.75		3.86
Booneville (near)	Arkansas				.34	.87	.02	.31	.03		.32										.03	.94								.10		2.96
Booneville[2]	Arkansas					.72	.20	.07	.31		.31											.09	.80	.01						12		2.63
Boughton[2]	Ouachita					.25					.30												.61									1.16
Brinkley[1]	White		T.		T.	.07	.48	T.	T		T.						.27				.19	1.05	.10						.07	.38		2.61
Calico Rock[2]	White					.70	.25	.37	1.22	03	.04							.05				.11	1.15							.30		4.22
Camden	Ouachita			.14	.02	.26	.19	.02			.33											.16	.68	.02						10		1.92
Camp Chaffee	Arkansas					2.76		.27	.07	.24											.22								.30			3.86
Camp Marion[2]	Arkansas																															....
Camp Robinson[2]	Arkansas				.56	T.	.09	.50	.04	.34											.06	.90							.48		.25	3.22
Carlisle[2]	Arkansas																															....
Clarendon[2]	White			.06		.06	.89	.11	.02		.52											.28	.89	.02						.43		3.28
Clover Bend	White				.12	1.30		.86	.08		.68										.11	.18	1.04						.16	.50		5.03
Cold Springs	Ouachita					2.02			.61		.43												.78							.12		3.96
Conway	Arkansas				.24	49	29	.89	.06		.44										.12	.19	.34							.58		3.64
Corley[2] (near)	Arkansas																															....
Corning[2]	White					.45	.34	.95	.45		.46											.25	2.08	.19						.50		5.67
Cotter[2]	White				T.	1.58	.20	1.26	.80		T							1.21				T.	.89							.35		6.29
Crossett [near]	Ouachita										.10												1.10									1.20
Danville[2]	Arkansas					1.41	.29		.44	T.	.39											.01	.59							T.		3.13
Dardanelle[2]	Arkansas					1.39	.02		56	.04	.22												1.01							.48		3.72
Denmark[2]	White					.70	.48	.02	1.08	.02	.18											.37	.84	T						.91		4.60
De Queen	Red				.20	.54		.03															.47							.07		1.31
Dermott[2]	Mississippi										.20												*	50						.07		0.77
Des Arc[2]	White					.30	.92		.59		.33							.03				.06	.90	.09						.75		3.97
Devils Knob	Arkansas				.34	3.01	.04	2.52	.12	T.	.28							.25			.20	.34	.05							.39		7.54
Dumas	Mississippi				T.		.25	.01			.30										.02	T	.80						08			1.46
Eagle Gap[2]	Arkansas					4.05	.64		.16	.25	.51							.22	.06			.71	1.00							.49		8.09
El Dorado[2]	Ouachita					.14	13	.04			.31							.02				.04	.50							.09		1.27
Eleven Point[2]	White				T.	.84	.09	1.44	T.												.38	.83	.77	T.					.10	.45		4.90
England	Arkansas		T		T.	.40	.41	T.	.03		.30						T.				.05		.97						T.	.52		2.68
Eureka Springs	White				.40	2.30		.80	1.08	.08	.24							1.35				2.37	.05	.02						.05		8.74
Evening Shade[2]	White					.89	.19	.05	1.38	.08	03							T.				.15	.91	.12						.51		4.31
Fayetteville	White				.43	1.28	T.	1.10	.32	.05	.41							1.22			.04	.35	.03	.02					T.	.06		5.31
Fayetteville Exp. S	White				.52	1.57	T.	1.06	.37	.04								1.25			.03	.68	.04	T.						T.		5.56
Fordyce	Arkansas		.10		.03	.17	3.32	.02			.39						T				.23	.22	66						.06	.21		5.41
Forester[2]	Arkansas					1.73	.07		.09		.55												1.12							.70		4.26
Fort Smith[1‡]	Arkansas				1.70	.83	.16	.17	.04	.20							T.	T.			.01	.45	.02						.30			3.88
Fort Smith W.[2]	Arkansas					3.33	.63	.22	.30	.01								.24				.20								.25		5.18
Fulton[2]	Red				T.	.25		T.			.15							T.			T	.03	.24							.50		1.17
Georgetown[2]	White					.40	.38		.90		.30											.20	.65							.85		3.68
Gilbert[2]	White					.55	.47	.46	1.36	.05	.17							.19				.04	.13							.22		3.64
Glenwood[2]	Ouachita					1.08	.19		06		.46							.11					.48							.48	.08	2.94
Grannis	Red		T.		.52	1.62	.06	.02			.45						.25	.14		T.	.10	.30	.25						.01	.30		4.02
Gravelly[2]	Arkansas				1.96			.27															.47							.79		3.49
Gravette	Arkansas					1.80		1.24	.16		.22							1.70			.03	.58	.04									5.77
Green Forest[2]	White				.27	1.58		1.29	.99	.05	.51							1.47			T.	.90	.05	T						.10		7.21
Green Mountain	White				10	.47	.15	1.05	.25													.10	1.00							.04		3.16
Greenwood[2]	Arkansas					2.00	.05	.23	.04		.15											T.	.80							.25		3.52
Harrisburg[2]	St. Francis					.45	.20		.85		.49											.15	1.85							.65		4.64
Harrison	White				.25	1.60		1.23	1.32	T.	.38							1.08			.03	.65								.20		6.74
Heber Springs[2]	White					1.36	.21	.17	1.24		.11											.15	.67	T.						.41		4.32
Helena[2]	Mississippi			.10		.01	2.00	.60			.56											.04	.96	.02						.47	.04	4.80
Henderson[2]	White					1.45		1.35		.67		.16						1.53					1.50							.40		7.06
Highland	Ouachita					1.00																.25										1.25
Hon[2] (near)	Arkansas																															....
Hope[2]	Red				.03	.10	01				.29										.06	.49								.41		1.39
Hot Springs	Ouachita		.01		.09	.81	.05	.05	.04		.45							T.			.01	.26	.10						T.	.79		2.66
Huttig[2] (near)	Ouachita			T							.09												1.18				T.			.04		1.31
Index[2]	Red			1.50				T.			.20																			.75		2.45
Irons Fork[2]	Ouachita					2.04	T.	.12	*	.08	.32								.18	T.	T.	.07	.46							.24		3.51
Jessieville	Ouachita				.88	.48	.28	.18	.25		.28										.12	.81							.09	.73		4.10
Jonesboro[2]	White					.29	.60	.01	1.02	.02	.46											.43	1.53	.07						1.18		5.61

Daily Precipitation for November, 1942 Continued

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
LaCrosse²	White					.70	.56	.30	1.35		.12												.94								.33	4.30
Lake City²	St. Francis						.80	*	.90		45											*	1.75							.75		4.65
Lead Hill	White				27	1.72		.94	.35	.02	.26						1.37				T.	.61	.02						T.	.12		5.68
Little Rock...¹‡	Arkansas		.01		.31	.28	.20	.32	T.	.35	.14								T.		.06	.39	T.						.07	.63	T.	2.76
Lutherville	Arkansas				.27	1.80		1.40	.10												.24	.25	.12									4.18
Madison²	St. Francis						.50	.10	.25	.15	.50							T				.15	1.50							.63		3.78
Magnolia	Red						1.58				.42										.12		.62									2.74
Mammoth Spg²	White					1.50	.28	.60	.33									1.26	.12			.37	1.40	.10						.60		6.56
Marianna	St. Francis					1.15		.10		.50											.25		.90						.15			3.05
Marked Tree²	St. Francis				T.	.23	.60	01	1.13		.58											.10	1.85	.06						.87		5.43
Marshall²	White																															....
Marvell²	White			.70													.25	T					.20						*	.74		1.89
Mena²	Ouachita			T.	.02	2.06	.29	.07	.25	.03	.38							.10	T			.06	.38							.10		3.74
Mena CCC	Red																															....
Monticello Air..¹‡	Ouachita				T.	.17	.26				.31											.41	.04						.03	.02		1.24
Morobay² (near)	Ouachita					.07	.06	.03			.28							.02				.02										0.48
Morrilton²	Arkansas				T.	1.05	.05	T	.87	.22								T				.10	.90							.50		3.69
Mountainburg	Arkansas				1.85	2.10		.62	.04	.30								.35			.20		T.									5.46
Mountain Home	White				.10	1.35	.10	1.50	.30									1.30			.10	.75								.40		5.90
Mountain Valley	Ouachita				.40	.46		.15			.27																			.48		1.76
Mtn. View²(near)	White					.80	.17	1.38	1.36		.17								T			.17	.94							.54		5.53
Mount Ida	Ouachita		.03		.24	1.04	1.21	.03			.36						.03					.73								.60		4.27
Mount Ida CCC	Ouachita																															....
Mulberry²	Arkansas					3.10	.29	52	.53	.02	.15							.10				.41	.50							.50		6.12
Nashville	Red		T.		.25	.78	.03	04	.02		.20						.03	.06			.02	.05	.02									1.50
Newhope(near)²	Ouachita																															....
Newport²	White					.33	.95		.75	.03	.18											.41	.96	.06						.85		4.52
Nimrod	Arkansas				26	.45	*	.44	06		.30										T.	*	.78							55		2.84
Odell (near)²	Arkansas				*	2.97		73		05								2.00				.40	.14							.15		6.44
Oden	Ouachita				.17	1.38	.54	.03			.49						02	.02				.41							.05			3.11
Okay	Red				.13	.61		.10			33							.02					.02						T	.05		1.26
Osceola²	Mississippi					.15	.46	T	.42		.34											.18	1.15	.03						.83		3.56
Ozark	Arkansas					2.02	.21	.25	.29	18	.15							T.				T	.50							.50		4.10
Paragould	St. Francis					.43	1.06	*	*	1.51									T.		.18	.08	1.64						.04	.61		5.55
Parkin²	St. Francis					.19	.60	T.	1.03		.15											.18	1.03							.55		3.73
Perryville	Arkansas				.20	.42	.27	.84	.04		.35											.74							.47			3.33
Pine Bluff²	Arkansas			.04		.32	.29	.12			.42							T.				.15	1.02							.24		2.60
Pine Ridge²	Ouachita					1.29	1.31	09	.12		.32							.11				.02	.51									3.77
Pocahontas	White					.60		2.20			.24										30	2.15	.10							.43		6.02
Portland²	Ouachita		T.								.47												.78							05		1.30
Prescott²	Ouachita				.10	.12	.10		T		.24										01	.07	.48							.23		1.35
Rogers	White				1.40	1.70		.88	.42	.30								1.43			.11	.66	.06	.02					05			7.03
Rosebud	Arkansas				1.20		.44	.77	.17	.19											.14	T.	92							.68		4.51
Russellville	Arkansas				.14	1.26		76	.10		.17										.05	.95	.27						.45			4.15
St. Charles²	White			.05		.20	.85	.11			.53								T.			.13	1.33							.33		3.53
St. Francis²	St. Francis	T.	T.			.29	.47	.34	.63		.58																			.63		2.94
St. Paul²(near)	White					3.90	.40	2.10	.04		28							1.22					1.20							.28		9.42
Searcy²	White					.64	.74		.56	T	.65											.30	.80	.02						.82		4.53
Sheridan	Ouachita		.11		.22	.31	03	.04			.25										.07	.03	.53						T.	.40		1.99
Shirley²(near)	White					1.29	.09	.33	1.34		.14											.16	.93							.39		4.67
Siloam Springs	White				16	2.18		2.56	29	T.	.16							1.00			T.	.10	32									6.77
Sparkman² (near)	Ouachita					.18	.10	.04	T		.55								T.			.22	T.	.61						.02	.47	2.19
Springbank²	Red				T.	.20	.17	.07	T.	.30								T.	T.		T	.10	.15							.03		1.02
Stamps²(near)	Red				T.		2.00	1.00	T		.40										T	1.10							T			4.50
Stephens² (near)	Ouachita					T.	.50															T.	.89									1.39
Story²	Ouachita					1.10	1.44				.20												.69							.20		3.63
Stuttgart²	Arkansas			.12	*	.18	.97	T.			.52											.30	1.07							.17		3.33
Stuttgart Evap.²	Arkansas				.06	.18	1.52				.49											.29	.76						.06			3.36
Subiaco	Arkansas				.24	1.35	04	.35	.20		.39										.03	.39	.05									3.04
Sugar Grove²	Arkansas					1.01		.25	.26		.31												.84							25		2.92
Texarkana¹	Red				.19	.10	T.	.03		.12	T.						.01	T.			02	.14							03			0.64
Tichnor²	White																															....
Turnpike	Arkansas				.22	2.48	.13	1.11	.24		.15						.06				.45	.39	.05						.54			5.82
Viola	White					.99	.51	1.14	.50	.03	.07							1.54				.09	1.40	.05								6.32
Wabash	Mississippi		.03			.32	2.32	.03															.84							.35		3.89
Waldron	Arkansas				.30	1.22		.22	.06		.26							.04				.76	.18							.28		3.32
Walnut Grove(nr)	White					.66	.62	2.42	.04		.48										.15	.38	.62	T.					T	.73		6.10
Warren	Ouachita					.25	.10	.03			.42										.05		.60						.05			1.50
Whitecliffs²	Red				T.	1.05	.10	T.										T.				T.										1.15
White Rock	Arkansas				.57	4.47		.96	.08	T.	.19							.46			.10	1.07	T	T.					T.	20		8.10
Wilson²	Mississippi					.28		.33	.21		.38	.40									.21		1.21							.82		3.84
Wright	Arkansas		.03		.08	.13	.43	.02	.01		.41							T.			.08	.08	1.10						T.	.20		2.57
Wynne²	St. Francis					.25	.85	1.50			.19												1.25							.75		4.79

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for November, 1942

(See precipitation data in table on preceding page)

Station	Data	Day of month																														Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Bethesda.....§§	Evap.	.214	.073	.083	.093	.004	.052	....	.137	.036	.344	.191	.099	.181	.122	.085	.271	.044	.204	.072	.131	.006	.031	.186	.114	.092	.195	.033	.098	.010	.060	3.171
	Mean tem.	48	50	44	45	54	48	52	55	68	52	44	48	51	45	48	58	66	69	70	65	68	51	39	46	52	44	36	36	42	38	50.5
	Wind move	72	42	43	38	55	51	39	30	28	157	77	55	54	13	51	126	165	87	47	84	70	59	99	68	39	151	101	52	73	40	2066
Hope, ...§§ Exp. Farm	Evap.	....	205	074	110	....	....	.066	.028	.072	....	.168	.054	.144	....	.086	230	.042	082	.010	....	....	....	.044	.168	.052	118	.134	078	.044	.064	.....
	Mean tem.	52	47	54	56	64	66	62	68	68	52	47	50	55	53	57	60	70	70	69	68	68	43	42	48	52	47	40	44	46	42	55.6
	Wind move	36	23	71	40	39	17	46	8	18	82	48	34	43	26	4	65	55	40	30	39	42	194	7	25	4	90	56	25	68	47	1343
Irons Fork,... §§ Exp. Forest	Evap.	.050	.025	.008	.045	....	.022	....	....	....	.095	110	.100	.050	.080	.100	.020	080	....	.023	.040	.018	038	.017	....	.061	.063	*	.084	020	....	1.149
	Mean tem.	46	51	50	52	61	58	60	64	73	52	54	50	51	52	54	58	64	70	70	66	65	36	38	46	50	40	35	49	34	40	52.8
	Wind move	5	0	5	19	20	10	1	1	7	20	10	18	8	6	49	19	32	30	20	29	23	9	10	4	8	31	5	50	28	2	487
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.136	.090	....	.159	.090	.000	.030	*	.021	.203	.107	.066	.096	.167	.099	.034	.079	.094	.102	094	.039	050	039	060	.040	.119	.044	.158	....	....	2.216
	Mean tem.	51	54	48	51	58	58	54	62	68	52	44	49	50	51	54	68	68	72	71	66	69	46	52	46	52	45	35	44	43	40	53.6
	Wind move	37	48	33	66	82	58	45	9	9	122	47	24	50	22	38	113	120	94	60	81	77	116	174	89	34	126	50	61	115	23	2028

†Daily Temperatures for November, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	68	63	62	53	67	67	57	64	80	75	60	70	71	68	71	75	76	78	81	76	69	50	42	65	73	68	50	48	54	51	65.1
	Minimum	33	44	37	43	50	51	47	50	54	42	30	32	39	35	40	59	64	59	56	61	48	40	36	30	42	36	25	33	39	25	42.7
Arkadelphia §§	Maximum	71	59	65	63	65	74	64	75	84	62	66	70	75	76	76	78	80	80	85	84	73	54	48	77	78	58	56	61	50	59	68.9
	Minimum	34	33	38	38	47	49	51	51	55	45	27	27	29	33	38	60	60	60	52	54	54	42	38	28	29	40	25	27	44	25	41.1
Batesville ***	Maximum	66	62	57	54	64	60	60	62	80	57	63	68	67	67	70	75	75	76	78	71	73	56	43	62	73	49	50	46	46	45	62.5
	Minimum	33	43	34	40	52	44	49	53	57	37	30	32	38	32	43	60	66	61	59	65	51	41	40	38	43	36	27	34	28	23	43.0
Bee Branch	Maximum	64	66	63	59	63	64	56	64	79	77	63	67	70	67	69	75	72	76	75	75	69	51	42	60	70	68	49	47	49	45	63.8
	Minimum	30	38	32	38	45	46	45	52	56	37	22	29	34	32	33	55	62	59	49	56	44	38	34	28	34	31	20	27	34	20	38.7
Benton §§	Maximum	68	62	61	61	76	58	60	69	82	59	64	70	71	72	73	72	80	80	84	70	70	51	44	66	71	71	52	57	46	52	65.7
	Minimum	35	30	32	31	45	56	48	49	48	45	26	25	27	29	30	29	60	58	49	49	64	43	35	27	26	25	22	22	41	22	37.6
Bentonville ***	Maximum	62	60	62	56	66	54	63	66	75	48	57	67	63	67	69	73	72	74	75	74	50	42	37	65	66	41	51	51	34	48	59.6
	Minimum	38	41	32	50	43	43	49	58	43	31	29	36	36	35	52	59	58	62	62	50	41	34	31	30	33	29	28	34	26	24	40.6
Bluff City	Maximum	70	71	66	63	77	74	67	75	82	79	61	60	69	70	..	78	80	80	81	73	72	60	61	68	..	..	..	..	..	..	....
	Minimum	39	53	48	44	57	60	50	56	61	46	32	34	43	40	..	59	62	65	62	65	60	39	39	32	..	..	..	..	..	..	....
Blytheville	Maximum	64	63	57	67	63	67	69	66	78	74	56	66	63	62	70	72	76	74	80	70	77	64	53	57	69	64	50	53	51	46	64.7
	Minimum	38	44	35	36	50	41	49	56	63	40	28	33	35	30	39	54	60	62	59	61	60	49	37	40	41	37	25	32	40	34	43.6
Booneville (near)	Maximum	70	70	65	58	71	61	61	7[illegible]	84	76	64	73	73	71	74	76	77	77	81	76	73	45	44	70	75	67	53	52	50	56	67.1
	Minimum	34	44	37	44	50	53	51	56	59	38	27	29	35	43	47	69	68	63	59	64	44	38	36	27	39	34	23	39	35	24	43.6
Brinkley	Maximum	66	60	59	65	69	65	61	67	81	68	61	67	69	66	71	75	77	81	83	74	76	52	44	60	73	53	50	56	59	50	65.3
	Minimum	30	37	34	43	54	50	50	54	56	38	28	30	34	29	37	59	65	61	61	65	51	43	41	34	42	35	23	34	28	23	42.3
Camden	Maximum	70	76	64	67	75	74	71	80	83	77	63	69	78	75	75	77	81	82	82	75	75	67	50	69	78	73	56	61	63	59	71.5
	Minimum	36	49	46	52	58	65	55	55	55	48	32	31	34	34	70	69	63	63	56	65	62	43	39	30	38	41	26	29	45	26	47.2
Camp Robinson §§	Maximum	62	59	74	69	70	56	70	82	57	62	67	70	64	73	76	79	79	82	69	72	45	43	64	74	49	50	57	54	49	47	64.1
	Minimum	36	39	39	48	49	48	49	52	43	28	29	31	34	39	45	59	61	57	59	63	42	38	32	33	38	25	25	38	25	26	41.0
Clover Bend	Maximum	70	63	52	62	65	57	61	62	80	69	64	69	64	68	72	75	77	76	78	70	74	68	61	67	71	66	50	46	41	40	64.6
	Minimum	32	31	30	41	44	36	39	51	41	38	26	28	28	34	36	38	54	53	54	52	46	42	36	34	38	31	22	33	28	28	37.5
Conway	Maximum	70	69	63	58	70	67	57	71	83	76	65	73	72	69	70	80	75	80	83	75	71	51	45	67	77	69	53	51	52	54	67.2
	Minimum	33	44	34	44	50	53	49	54	57	43	28	31	36	33	39	57	67	59	54	63	51	43	39	29	39	36	25	34	42	23	43.0
Corning	Maximum	65	56	56	61	61	60	55	62	81	74	63	68	68	61	70	75	75	77	75	70	71	64	50	68	72	67	49	49	45	45	63.8
	Minimum	32	40	32	34	44	43	46	51	53	41	25	30	34	29	35	56	65	62	58	62	61	48	39	38	38	34	22	32	36	28	41.6
Crossett	Maximum	71	84	79	70	79	77	80	82	85	78	61	70	78	74	75	79	82	81	84	77	79	71	54	70	77	71	55	65	65	59	73.7
	Minimum	32	47	50	62	60	65	68	55	52	53	30	26	30	32	38	56	61	64	58	62	63	43	31	27	40	41	22	29	45	25	45.6
Dardanelle	Maximum	70	70	67	60	76	73	59	67	84	80	63	73	72	70	73	76	79	80	83	80	71	49	44	64	66	64	51	49	50	52	67.2
	Minimum	32	41	35	44	48	51	48	53	55	40	27	29	36	35	37	58	64	60	53	59	46	40	37	29	32	36	23	37	39	24	41.6
De Queen	Maximum	70	69	62	59	76	70	64	73	80	75	80	70	74	70	74	71	77	75	81	76	60	46	54	68	78	69	53	57	64	57	68.4
	Minimum	35	41	42	49	55	60	56	60	60	41	29	29	34	41	49	62	66	68	60	60	45	39	35	29	37	38	25	38	36	25	44.8
Des Arc	Maximum	68	62	59	66	70	66	55	67	81	77	61	68	69	66	72	75	76	82	83	74	75	63	45	63	74	72	50	52	57	50	66.6
	Minimum	33	47	35	43	54	51	50	51	57	44	29	32	39	38	47	60	67	65	61	65	63	45	40	33	44	39	28	38	43	29	45.7
Devils Knob	Maximum	60	60	54	47	63	60	59	61	73	69	56	60	64	58	64	62	68	68	70	66	63	42	33	57	64	58	42	39	45	38	57.4
	Minimum	39	46	35	40	44	44	48	56	56	30	30	39	47	40	46	54	59	60	58	60	42	33	28	30	40	24	27	32	28	24	41.3
Dumas	Maximum	72	80	63	87	72	70	72	75	84	74	60	70	73	75	69	80	81	85	86	75	79	74	47	68	77	69	54	57	62	57	71.6
	Minimum	36	50	39	48	55	56	52	54	54	40	31	33	56	36	32	56	64	63	61	61	65	45	40	32	42	39	26	32	43	28	45.6
El Dorado	Maximum	71	79	81	80	75	73	76	83	78	78	84	85	80	78	77	79	81	81	80	81	78	77	51	70	78	71	55	64	63	64	75.0
	Minimum	51	53	56	56	60	59	57	59	58	55	40	32	31	33	31	60	64	63	62	64	57	43	37	33	48	43	27	36	35	29	47.7
England	Maximum	70	66	60	65	69	67	55	74	82	75	62	70	66	68	73	72	72	81	84	76	72	60	58	64	54	52	52	54	38	50	65.4
	Minimum	33	43	46	43	52	53	48	56	54	52	39	32	36	32	37	54	68	60	56	62	58	42	34	32	32	38	28	32	25	26	43.4
Eureka Springs	Maximum	61	63	62	56	67	51	63	64	74	68	61	68	62	68	69	73	72	75	75	71	68	45	38	67	70	53	53	49	46	49	62.0
	Minimum	42	46	35	46	49	43	46	57	59	30	28	42	43	38	51	61	57	65	63	64	43	37	32	32	51	27	26	37	30	23	43.4
Fayetteville	Maximum	67	63	63	57	69	61	66	69	76	69	59	68	66	67	70	72	72	73	75	71	69	44	37	66	67	57	50	51	50	48	63.1
	Minimum	38	45	38	48	51	45	52	58	60	31	27	31	40	32	50	61	57	64	62	64	42	35	32	29	50	29	26	40	28	25	43.0
Fayetteville Exp. S	Maximum	67	64	61	57	67	60	65	67	76	69	58	63	65	66	69	74	72	73	75	75	66	42	37	66	72	64	55	50	49	48	63.2
	Minimum	39	44	34	47	51	45	50	54	59	34	25	33	40	32	50	61	57	64	63	65	42	35	31	28	50	28	25	40	27	22	42.5
Fordyce	Maximum	68	73	63	63	72	69	70	76	81	..	75	67	73	68	72	76	79	80	83	72	75	60	45	65	75	70	52	56	60	55	68.7
	Minimum	33	48	39	49	55	56	51	54	58	..	30	35	39	36	44	58	62	63	61	63	59	41	37	33	46	39	28	35	37	27	45.6
Fort Smith ***	Maximum	68	70	62	53	67	57	60	68	82	54	62	70	72	72	73	76	77	77	78	74	72	42	44	62	71	47	53	54	45	50	63.7
	Minimum	38	49	43	47	53	54	52	58	50	40	35	37	42	44	48	68	64	63	61	68	42	37	37	32	42	33	30	41	30	26	45.5
Gilbert §§	Maximum	65	68	65	60	65	63	69	73	81	67	64	66	71	69	73	76	77	78	78	79	65	66	68	70	73	59	56	52	39	46	66.7
	Minimum	30	32	31	36	45	45	46	48	49	37	23	25	24	25	25	32	55	54	53	52	52	44	40	38	34	27	20	33	34	21	37.0
Grannis	Maximum	68	66	64	57	75	71	65	72	80	72	64	69	78	70	76	67	78	71	79	73	70	45	51	66	75	63	53	53	59	55	66.8
	Minimum	33	45	38	45	51	59	56	58	57	37	32	32	38	40	45	59	64	63	57	61	42	36	34	29	37	35	24	36	33	24	43.3
Gravette	Maximum	63	66	64	58	65	62	63	68	77	70	60	69	65	69	70	75	75	76	76	73	70	45	40	66	67	52	53	50	48	48	63.4
	Minimum	40	38	34	48	47	45	43	56	60	30	23	32	37	36	51	62	53	63	62	63	42	36	31	26	50	27	23	39	26	22	41.5
Green Mountain	Maximum	65	61	58	54	61	61	62	65	79	77	59	74	63	61	73	78	75	78	79	77	73	73	43	65	69	72	50	47	45	42	64.6
	Minimum	40	47	45	45	51	45	45	49	60	34	44	52	47	55	52	55	58	59	59	55	38	41	35	37	55	31	31	32	34	32	45.4
Harrison	Maximum	65	62	62	54	67	54	65	69	77	71	60	71	67	61	70	74	75	76	71	71	68	46	40	66	72	63	52	48	45	47	63.0
	Minimum	33	41	30	43	48	45	46	56	58	34	25	29	42	29	41	61	58	62	62	65	46	39	34	27	46	28	21	36	32	25	41.4
Helena	Maximum	67	64	60	68	67	67	67	76	81	76	56	67	69	66	70	75	77	82	82	75	76	73	46	61	73	69	52	57	58	52	67.6
	Minimum	34	48	37	43	52	52	51	55	59	46	28	32	40	40	45	57	64	62	61	61	65	44	38	33	42	39	26	37	43	30	45.5
Highland	Maximum	67	66	65	63	72	69	69	71	79	74	69	69	75	74	73	71	73	76	79	72	68	51	50	64	75	70	60	58	57	55	67.8
	Minimum	46	45	40	46	53	56	55	51	72	41	32	40	40	42	41	58	63	61	56	63	50	38	36	29	42	38	30	37	38	26	45.5
Hope §§	Maximum	70	72	63	67	78	69	69	81	81	60	63	69	77	72	75	75	80	79	79	75	71	46	51	69	77	55	55	63	49	59	68.3
	Minimum	35	37	44	44	49	63	54	55	56	45	31	31	33	34	39	44	61	62	59	62	65	40	34	28	27	39	24	25	42	26	42.9
Hot Springs	Maximum	67	63	65	55	68	66	57	68	81	74	64	69	75	71	74	75	78	79	83	75	69	48	43	65	75	70	54	51	57	54	66.4
	Minimum	39	50	39	45	52	53	50	56	58	42	32	38	47	42	47	59	64	64	61	64	46	39	36	34	47	38	27	38	39	27	45.8
Irons Fork §§	Maximum	64	61	63	67	76	62	64	71	86	74	79	76	74	72	69	70	71	79	77	70	66	38	42	67	71	48	50	55	36	61	65.3
	Minimum	29	41	36	36	46	54	55	57	60	30	28	24	28	32	38	47	56	60	62	61	64	35	33	25	29	32	20	42	31	20	40.4
Jonesboro	Maximum	64	61	56	62	66	65	56	63	81	75	60	67	65	63	70	75	76	76	80	72	76	68	47	70	72	68	49	49	50	47	64.6
	Minimum	37	46	35	38	50	46	47	54	54	44	30	39	43	35	40	55	64	66	58	63	65	47	38	40	40	36	28	31	39	33	44.7
Lead Hill	Maximum	65	62	60	53	69	54	61	67	80	72	61	71	66	66	72	76	78	79	80	72	70	49	42	64	74	59	50	47	45	46	63.7
	Minimum	30	36	26	43	47	45	46	56	57	36	22	26	51	25	31	60	59	54	51	63	48	40	36	27	31	29	19	36	33	23	38.9
Little Rock ***	Maximum	68	61	59	59	71	64	56	69	81	65	62	68	68	64	72	75	79	79	82	70	72	48	44	64	75	52	49	58	57	50	64.7
	Minimum	36	44	39	46	55	49	49	53	54	41	35	36	41	38	43	60	62	58	57	64	48	41	39	33	40	38	29	33	31	26	43.9
Lutherville	Maximum	68	66	60	50	65	64	58	65	80	74	61	67	71	65	70	70	74	78	79	73	69	45	44	60	72	67	47	44	48	46	63.3
	Minimum	34	45	38	44	47	49	48	54	57	37	29	32	42	40	40	60	65	62	59	64	44	37	38	28	37	32	26	34	35	23	42.7
Magnolia	Maximum	71	79	73	66	76	75	79	84	83	79	61	70	77	79	76	77	79	81	79	77	76	75	58	70	79	76	56	65	55	60	73.0
	Minimum	37	54	51	53	59	65	61	57	58	47	31	32	36	44	44	59	64	61	61	64	56	40	35	32	46	40	25	38	35	29	47.1
Mammoth Spring	Maximum	64	60	65	56	58	58	65	63	79	73	52	70	66	61	74	72	74	78	80	75	67	60	53	60	70	67	47	42	39	43	63.0
	Minimum	31	40	31	35	47	43	44	47	43	39	24	27	31	28	34	43	60	53	56	60	60	49	36	39	35	32	20	36	37	28	39.6
Marianna	Maximum	78	61	61	68	69	67	65	72	81	77	77	67	68	67	70	75	78	82	82	75	77	74	44	61	73	67	50	54	58	53	68.4
	Minimum	33	47	35	40	52	52	52	49	54	46	29	31	37	34	43	45	57	64	60	60	65	44	39	35	41	40	25	30	43	29	43.7
Marked Tree §§	Maximum	66	62	59	65	66	53	58	65	79	61	64	67	67	62	69	74	78	80	81	72	79	58	47	60	73	49	48	54	44	48	63.6
	Minimum	33	34	34	35	42	47	47	50	51	45	29	30	35	33	32	41	57	62	58	61	62	55	40	39	40	37	26	26	36	35	41.7
Mena	Maximum	67	62	62	56	76	64	66	72	80	71	61	68	77	70	73	67	74	71	79	74	70	44	46	69	72	64	53	55	59	55	65.9
	Minimum	35	53	40	46	52	55	54	56	62	38	30	35	42	40	48	60	64	65	62	66	43	36	34	30	45	34	23	40	31	23	44.7
Monticello ***	Maximum	70	83	65	68	75	69	78	78	83	61	59	70	74	70	73	78	80	83	85	75	79	52	47	67	76	54	50	61	55	58	69.2
	Minimum	38	52	45	53	58	67	55	55	60	51	35	33	39	41	47	57	64	65	63	65	51	42	36	31	47	44	32	37	42	30	47.8
Morrilton §§	Maximum	67	67	59	75	74	54	53	66	80	59	64	69	69	66	72	79	75	80	83	74	70	45	44	66	72	50	49	50	46	50	64.2
	Minimum	34	34	35	44	44	50	48	49	54	42	28	28	32	33	33	48	61	58	55	56	65	41	38	30	30	37	26	26	40	26	40.8
Mountain Home	Maximum	65	64	59	48	65	62	62	65	80	74	62	72	69	66	71	76	77	80	80	69	71	52	45	65	75	57	50	46	45	45	63.9
	Minimum	30	39	31	38	45	44	44	55	55	36	24	30	36	31	37	58	59	56	55	63	47	42	35	30	36	29	20	36	33	25	40.0
Mt. Ida	Maximum	67	66	63	58	75	59	61	74	82	76	65	72	75	69	73	74	77	77	82	74	72	44	46	69	76	67	52	54	58	48	66.8
	Minimum	28	38	29	47	53	55	56	57	56	40	22	24	30	28	36	39	66	62	62	65	43	39	36	23	35	36	18	39	34	20	40.5
Nashville	Maximum	71	69	64	60	76	72	64	70	82	75	65	70	77	71	75	73	79	78	82	75	71	52	52	70	78	70	53	69	64	58	69.5
	Minimum	36	48	42	48	57	60	53	56	57	45	31	32	35	41	41	62	66	62	54	64	50	40	37	30	38	39	27	38	38	28	45.2
Newport	Maximum	67	63	59	61	67	66	58	63	80	75	63	69	69	65	71	75	77	78	79	71	73	62	47	61	74	70	49	49	49	47	65.2
	Minimum	33	43	36	39	53	49	47	55	54	45	31	34	37	34	44	60	65	67	61	64	62	45	41	40	44	38	29	35	40	26	45.0
Oden ***	Maximum	70	65	65	57	77	59	62	72	82	57	63	70	77	70	73	68	75	72	81	72	70	43	45	71	75	50	53	54	52	55	65.2
	Minimum	32	42	38	48	58	55	52	58	51	38	31	30	40	35	45	61	66	64	61	67	43	37	33	26	41	32	22	42	25	21	43.1

Daily Temperatures for November, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Okay	Maximum	73	73	65	61	77	77	65	79	83	79	66	71	86	78	76	74	81	81	83	78	72	54	55	72	79	79	56	63	65	60	72.0
	Minimum	34	46	43	50	58	62	54	56	60	45	28	29	32	39	45	61	65	63	58	65	51	40	32	27	41	40	23	39	40	26	45.1
Ozark	Maximum	70	70	63	55	70	64	60	67	80	62	62	69	72	65	74	78	78	80	80	73	69	70	65	62	72	64	50	48	50	48	66.3
	Minimum	33	42	36	46	48	52	50	57	51	36	26	29	36	36	45	60	62	70	54	65	45	40	38	25	35	30	22	35	37	23	42.1
Paragould	Maximum	62	63	54	63	64	64	..	..	..	..	77	64	63	58	69	78	75	76	79	77	75	71	54	53	67	66	46	48	50	45	63.9
	Minimum	32	39	32	35	49	45	..	..	..	..	30	31	41	30	32	52	65	58	53	61	61	52	38	39	37	35	24	35	38	31	41.3
Perryville	Maximum	69	65	61	61	71	70	58	73	83	77	62	70	69	68	73	78	79	80	83	76	72	48	44	63	75	70	52	51	51	53	66.8
	Minimum	30	39	31	31	44	50	47	52	52	43	26	30	33	28	35	57	65	54	48	57	45	39	37	25	31	37	21	36	39	21	39.4
Pine Bluff	Maximum	68	68	63	64	67	69	61	74	83	74	62	69	71	75	75	77	81	83	85	75	75	57	53	68	77	74	54	57	61	56	69.2
	Minimum	37	49	41	50	51	56	52	56	58	48	37	37	44	37	38	60	64	64	67	65	57	44	34	35	47	44	30	35	39	28	46.8
Pocahontas	Maximum	64	63	59	58	61	60	56	63	79	76	63	69	68	62	70	75	74	75	78	70	70	64	52	60	71	65	47	44	44	46	63.5
	Minimum	33	40	34	34	49	44	47	53	57	42	28	30	35	32	33	54	65	57	62	60	54	51	40	40	35	34	24	32	39	24	42.1
Portland	Maximum	70	84	73	72	78	78	80	84	84	80	60	71	76	72	75	80	80	80	85	78	79	74	52	67	76	73	55	61	61	60	73.3
	Minimum	37	57	47	52	60	65	58	57	52	53	35	31	37	36	40	56	63	63	64	61	62	47	34	30	43	42	29	32	50	26	47.3
Prescott	Maximum	70	69	65	62	78	75	69	77	82	77	63	69	75	72	75	77	80	80	82	78	74	59	51	69	77	76	55	61	63	57	70.6
	Minimum	37	47	41	48	57	61	54	56	57	45	32	35	38	40	44	60	65	64	60	65	58	41	39	31	46	39	27	35	41	28	45.4
Rogers	Maximum	62	60	63	57	66	55	67	64	68	66	58	67	65	67	69	73	72	75	74	73	63	41	36	65	67	55	55	49	49	50	61.7
	Minimum	38	45	35	46	46	43	47	57	57	30	28	32	39	36	47	60	58	62	61	63	41	36	31	30	45	28	25	36	28	22	41.4
Russellville	Maximum	69	68	67	57	73	68	59	68	82	77	62	71	71	67	72	76	76	78	80	80	71	48	43	63	74	68	50	49	49	51	66.2
	Minimum	32	42	33	45	50	51	50	55	54	42	26	29	33	32	35	62	67	60	51	57	46	40	38	27	33	36	23	39	40	23	41.7
St. Charles §§	Maximum	64	72	60	67	68	64	72	73	82	60	58	67	69	71	68	77	78	82	83	74	77	48	44	61	74	65	60	67	56	56	67.2
	Minimum	33	39	35	38	42	52	50	54	51	48	32	31	36	33	38	45	58	63	62	61	62	44	39	37	37	39	31	33	38	31	43.1
Searcy	Maximum	65	63	58	58	67	67	56	62	80	75	60	68	67	65	72	77	75	80	80	71	71	55	45	63	70	70	50	55	50	50	64.8
	Minimum	33	42	37	42	52	50	48	52	55	43	29	31	36	35	37	59	66	64	57	63	55	43	40	32	37	38	26	31	41	24	43.3
Sheridan	Maximum	67	63	60	62	71	70	60	72	82	75	65	69	70	69	73	76	80	80	83	75	74	63	45	65	75	75	73	56	60	53	68.7
	Minimum	31	44	31	42	54	50	49	49	54	42	29	29	34	29	40	58	61	61	55	60	61	39	34	26	39	29	22	31	34	21	41.3
Siloam Springs	Maximum	63	60	61	56	65	57	63	65	75	67	57	66	65	65	68	72	70	72	76	72	67	41	38	62	65	57	48	47	47	46	61.1
	Minimum	39	34	33	46	48	43	49	55	51	31	24	33	34	35	49	60	55	62	61	63	40	34	30	28	47	27	25	38	26	22	40.7
Stuttgart	Maximum	69	66	61	65	71	66	58	73	82	74	59	68	69	66	72	76	79	82	87	73	76	64	42	64	74	67	64	54	59	53	67.8
	Minimum	33	44	35	43	53	50	48	52	53	44	28	32	37	36	39	56	62	59	57	57	62	42	39	31	37	37	26	30	36	25	42.8
Stuttgart (near) §§	Maximum	69	65	60	66	69	61	59	73	81	59	58	67	69	67	71	76	78	82	83	73	75	48	44	62	73	52	51	59	48	54	65.1
	Minimum	33	43	36	36	47	54	49	50	55	45	29	31	31	35	36	48	57	61	59	59	63	44	39	31	31	38	26	30	38	25	42.0
Subiaco	Maximum	70	69	63	54	74	62	57	69	83	74	68	71	72	68	74	77	78	79	81	75	74	46	42	64	72	69	54	50	49	50	66.3
	Minimum	34	45	38	46	47	51	49	55	58	39	31	32	32	40	44	63	69	63	59	68	44	37	36	27	36	53	..	..	35	25	44.9
Texarkana ***	Maximum	71	73	63	67	75	77	71	82	80	61	64	69	75	73	74	74	78	78	78	75	70	45	52	72	78	55	54	64	56	57	68.7
	Minimum	44	55	50	53	66	61	59	59	60	40	31	36	40	47	50	62	65	65	62	68	44	40	34	34	49	40	32	41	33	30	48.3
Turnpike	Maximum	61	60	56	50	61	61	61	62	76	68	58	65	64	60	66	63	68	69	73	68	64	47	39	60	67	60	45	40	46	42	59.3
	Minimum	38	46	34	38	45	43	44	45	55	31	29	40	48	38	45	54	59	59	58	59	43	33	28	30	44	26	26	32	29	24	40.8
Wabash	Maximum	71	76	65	74	73	73	72	74	86	87	64	74	75	73	74	81	80	88	86	88	80	82	55	66	80	79	58	61	62	55	73.7
	Minimum	33	46	36	40	53	54	51	56	54	47	31	31	43	36	43	57	65	64	63	63	66	45	41	35	44	40	27	36	44	30	45.8
Waldron	Maximum	68	66	65	58	79	62	64	78	84	76	63	71	74	71	72	73	75	75	79	76	73	45	45	70	74	78	54	53	54	54	67.6
	Minimum	31	40	32	46	50	52	54	55	55	38	25	26	32	32	40	52	56	62	63	67	43	37	35	35	37	33	20	39	33	31	41.7
Warren	Maximum	70	80	65	72	75	74	77	77	83	82	60	68	75	72	74	77	80	84	86	85	78	77	47	67	76	74	56	50	62	58	72.0
	Minimum	36	50	45	48	50	62	55	55	58	50	36	34	44	34	43	60	63	64	66	63	65	42	38	33	48	42	29	32	35	27	46.9
White Rock	Maximum	69	63	55	48	67	56	60	62	75	68	58	64	68	57	58	64	65	64	70	65	63	41	33	57	64	56	43	42	46	41	58.1
	Minimum	27	48	37	41	45	48	49	55	55	28	32	38	47	40	48	55	58	59	57	59	39	31	27	29	45	23	26	32	26	23	40.9
Wilson	Maximum	80	66	67	68	64	65	65	65	80	72	66	66	68	70	71	76	78	75	80	79	77	60	52	55	67	64	50	57	53	45	66.7
	Minimum	45	50	39	40	53	40	45	53	53	50	33	39	34	36	50	57	66	67	63	61	59	54	36	40	41	34	25	36	37	39	45.8
Wright	Maximum	66	63	58	61	69	69	56	67	79	74	58	66	77	65	69	74	77	79	81	78	74	64	55	62	73	70	48	54	58	51	66.5
	Minimum	32	44	34	44	45	52	47	51	51	44	33	31	38	33	33	55	59	59	56	59	57	37	37	30	40	38	23	30	40	24	41.9
Wynne	Maximum	67	64	58	65	70	65	57	67	82	75	61	69	68	66	70	75	76	82	83	75	71	70	49	63	73	66	50	53	50	47	66.2
	Minimum	31	43	34	36	50	48	46	53	45	44	25	30	35	33	43	56	62	62	60	61	63	44	39	39	41	36	22	32	42	29	42.8

Daily River Stages for November, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	18.2	17.5	14.2	11.6	11.2	16.2	17.5	17.9	18.6	18.0	16.0	13.7	12.5	11.2	10.5	10.3	10.1	11.3	12.4	12.1	11.4	10.7	10.2	10.2	9.7	9.5	9.2	8.9	8.9	8.7
Van Buren	do	22	18.0	17.5	14.2	11.4	10.4	16.0	17.4	17.6	18.4	17.7	15.9	13.4	12.0	10.5	9.9	9.5	9.2	10.2	11.6	11.2	10.4	9.7	9.2	9.3	8.7	8.3	8.0	7.7	7.5	7.4
Danville	Petit Jean	20	10.8	5.1	3.6	3.2	3.2	7.2	8.7	7.1	6.6	6.6	6.4	6.2	5.6	5.2	4.9	4.5	4.4	4.3	4.2	3.9	3.8	3.9	4.4	6.8	5.3	4.8	4.5	4.4	4.3	4.1
Ozark	Arkansas	22	13.7	13.4	9.3	9.0	5.5	9.3	13.0	13.1	14.2	13.5	12.2	11.0	8.2	6.8	6.2	5.5	5.0	5.0	4.8	7.6	8.0	6.0	5.8	5.0	4.7	4.4	4.2	4.0	3.9	3.7
Dardanelle	do.	22	12.4	15.6	15.2	12.8	10.2	10.2	14.3	16.3	16.4	16.8	15.8	14.4	12.6	10.8	9.3	8.6	8.2	7.9	8.2	10.2	9.9	9.4	8.6	8.2	8.1	7.1	7.2	6.9	6.6	7.2
Morrilton	do.	20	5.6	11.1	11.7	9.8	7.2	5.8	9.4	12.2	12.6	13.2	12.5	11.2	9.3	7.6	5.8	4.6	4.0	3.6	3.4	5.6	6.0	5.6	4.8	4.2	...	....	....	2.5	2.2	2.0
Little Rock	do.	23	4.5	8.7	12.3	12.0	9.7	7.7	7.4	11.4	13.2	13.9	13.8	12.9	11.4	9.6	8.1	6.8	6.0	5.4	5.1	5.2	6.8	7.0	6.6	6.1	5.6	5.4	5.3	4.7	4.4	4.1
Pine Bluff	do.	25	7.7	7.9	14.7	16.0	14.9	12.7	11.0	12.7	15.7	17.2	17.6	17.0	16.0	14.5	12.7	11.4	10.1	9.2	8.7	8.4	9.4	10.5	10.3	9.9	9.3	8.9	8.8	8.4	7.8	7.4
Gilbert	Buffalo	30	4.6	3.9	3.8	3.7	3.8	8.6	6.0	10.4	7.4	6.1	5.6	5.1	4.9	4.6	4.4	4.3	4.2	6.2	5.3	4.9	4.7	4.7	5.4	5.0	4.8	4.6	4.4	4.3	4.2	4.2
Black Rock	Black	14	6.5	5.4	5.9	4.7	4.0	4.3	5.3	10.0	9.2	8.4	8.2	7.6	6.6	5.8	5.5	5.0	4.8	4.2	7.8	7.6	6.8	8.0	13.9	14.4	13.5	12.9	12.4	11.7	10.9	10.2
Heber Springs	Little Red	30	7.1	5.5	4.7	4.3	4.2	4.4	6.8	15.6	13.8	10.3	8.7	7.5	6.8	6.3	5.8	5.4	5.2	5.0	4.8	4.6	4.5	4.9	8.2	7.5	6.9	6.5	6.3	5.5	5.2	5.5
OzarkBeachMo	White	30	11.0	8.0	6.0	4.0	5.7	11.2	9.8	12.1	10.6	12.2	9.4	7.6	6.4	5.6	5.0	4.6	4.6	6.4	7.1	8.4	6.7	9.0	9.0	7.6	6.8	6.0	5.2	4.9	4.6	4.6
Cotter	do	21	13.2	10.3	7.3	6.2	5.5	6.8	12.3	12.0	13.2	11.7	9.2	10.2	8.4	8.0	7.3	6.1	6.2	8.3	8.5	7.7	9.0	11.3	11.0	10.2	9.1	7.9	7.0	6.5	6.2	5.9
Calico Rock	do	18	12.3	10.8	7.9	6.1	5.0	8.4	13.2	14.6	15.7	13.1	12.6	11.2	8.8	7.6	6.6	5.9	5.4	11.1	9.1	8.7	8.9	12.3	12.0	11.5	9.6	8.4	7.4	6.6	6.1	5.7
Batesville	do	23	14.3	17.5	14.8	12.0	10.3	10.0	15.3	21.5	21.3	21.0	18.4	18.2	15.7	13.6	12.3	11.3	10.5	12.4	15.0	14.2	13.8	15.7	18.0	17.6	16.2	14.3	13.1	12.0	11.3	10.7
Newport	do	26	5.5	12.7	14.7	13.0	10.9	8.3	9.5	16.4	19.7	21.4	21.5	21.0	20.4	18.6	16.4	14.3	12.2	10.8	13.4	14.4	14.5	14.8	17.4	19.0	19.6	19.4	18.4	17.3	16.3	15.2
Georgetown	do	21	0.6	3.5	9.6	12.8	13.3	12.6	11.4	11.5	15.1	17.4	17.9	18.0	18.2	18.5	18.7	18.8	18.7	18.0	17.2	17.0	17.0	17.0	17.1	17.5	18.0	18.3	18.5	18.7	19.0	19.0
Des Arc	do	24	3.0	3.0	8.4	12.6	14.4	14.7	14.1	13.7	15.0	17.2	18.2	18.7	19.0	19.3	19.5	19.7	19.8	19.8	19.5	19.2	19.0	19.0	19.0	19.1	19.3	19.5	19.7	19.9	20.2	20.5
Clarendon	do	26	7.6	7.6	8.7	12.3	15.4	17.0	17.7	17.7	17.8	18.6	19.5	20.2	20.7	21.2	21.6	22.0	22.3	22.6	22.9	23.1	23.2	23.3	23.2	23.3	23.3	23.3	23.4	23.4	23.6	23.7
St. Charles	do	25	7.7	7.6	8.1	10.4	13.5	15.5	16.2	16.6	16.9	17.4	18.0	18.5	19.0	19.5	19.9	20.2	20.5	20.8	21.0	21.2	21.5	21.7	21.8	21.9	22.0	22.0	22.1	22.2	22.3	22.4
Glenwood	Caddo	..	5.5	5.4	5.4	5.4	5.6	6.2	5.9	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.6	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.8	5.5
Arkadelphia	Ouachita	17	5.9	5.0	4.7	4.9	6.9	8.2	7.1	7.0	5.2	5.6	5.6	5.8	5.8	6.8	6.3	5.0	6.8	7.0	7.1	6.9	7.3	7.2	5.6	6.6	6.7	7.0	5.2	6.5	6.7	5.5
Boughton	Little Mo.	20	4.8	5.0	6.0	4.6	4.5	4.4	4.6	7.4	5.5	5.8	5.4	5.4	5.4	5.2	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.5	4.7	4.5	4.2
Camden	Ouachita	26	5.0	6.7	5.8	5.1	5.0	5.2	5.9	6.0	6.3	6.9	6.2	5.8	5.8	5.9	5.8	6.2	5.8	6.2	6.1	6.2	6.6	6.5	5.5	6.9	5.8	6.1	6.5	6.4	5.4	5.7
Benton	Saline	20	3.9	3.8	3.8	3.9	3.9	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.3	4.5	4.6	4.5	4.6	4.6	4.6	4.5	4.4	4.3	4.3	4.4	4.4	4.4	4.4	4.5	4.6
Index	Red	25	9.0	8.8	10.0	10.2	10.9	12.2	12.4	13.4	13.8	13.6	14.3	15.4	14.6	13.6	12.8	12.2	11.9	11.5	10.5	10.3	10.0	9.8	9.3	9.2	9.0	9.0	9.0	9.0	8.9	8.8
Fulton	do	25	9.2	9.0	8.2	8.9	10.5	11.3	12.2	14.1	15.0	14.9	15.0	15.2	15.3	14.5	13.6	12.9	12.4	11.6	11.0	10.8	10.4	10.0	9.1	9.0	10.8	10.7	10.4	9.8	9.5	9.1
Big Lake Outlet	St. Francis	10	3.2	3.2	3.3	3.4	3.5	3.7	3.8	4.0	4.0	4.0	4.2	4.3	4.3	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.3	5.0	5.1	5.4	6.0	6.8	7.4	7.6	7.8	7.8
St. Francis	do	18	4.4	4.5	4.1	5.0	6.1	6.6	6.8	7.6	8.8	8.8	8.9	8.4	8.2	8.1	8.0	7.9	7.7	7.5	7.3	8.4	9.5	12.2	13.9	14.9	15.4	15.8	16.2	16.5	16.9	17.1
St. Francis L.L.	do	..	18.4	18.4	18.0	17.6	18.3	18.3	18.0	17.4	16.6	17.0	18.2	18.5	18.7	18.2	17.9	18.1	18.0	17.7	18.0	18.4	18.7	18.5	18.5	18.3	18.1	18.2	18.6	18.9	19.3	19.5
Marked Tree	do	17	0.7	2.9	3.6	3.6	1.0	3.3	3.8	4.8	4.8	4.8	1.8	3.5	3.9	5.2	5.2	4.5	5.0	5.2	4.1	4.0	4.0	5.4	5.5	6.1	6.2	6.2	6.4	6.5	6.6	6.8
Parkin	do	28	1.3	1.1	1.4	2.8	3.0	2.4	2.0	3.3	3.8	4.1	3.6	2.9	2.6	3.3	4.1	4.4	4.1	4.1	4.3	3.9	3.6	3.8	4.5	4.8	5.0	5.3	5.4	5.5	5.5	5.6
Madison	do	32	0.9	0.5	0.3	0.3	1.1	1.3	1.1	1.1	1.3	2.1	2.1	1.9	1.5	1.3	1.7	2.0	2.3	2.2	2.2	2.2	2.0	2.1	2.3	2.9	3.1	3.2	3.3	3.3	3.4	3.5
Helena	Mississippi	42	8.0	8.1	8.6	9.1	9.8	10.9	11.7	12.2	12.4	12.7	13.1	13.6	14.0	14.2	14.4	14.7	15.0	15.2	15.4	15.1	15.1	15.1	15.1	15.1	15.3	15.9	17.0	18.5	20.2	21.7
Arkansas City	do	42	7.1	6.7	6.4	7.5	9.2	10.0	10.4	10.5	10.8	11.9	13.0	13.6	14.0	14.1	13.9	13.6	13.4	13.3	13.3	13.3	13.2	13.1	13.3	13.6	13.6	13.5	13.8	14.5	15.5	16.8

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ᵃ,ᵇ,ᶜ, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVII Little Rock, Ark., December, 1942 No. 12

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GENERAL SUMMARY

The mean temperature for the month of December, as determined from the records of 79 stations, was 42 7°, which is 0.2° below the average of the past 52 years. The first half of the month was quite cold with subnormal temperatures prevailing almost every day until the 14th. The lowest temperatures of the month occurred during this period, with freezing weather throughout the State. After the 14th, cool and mild weather alternated frequently but with warm weather predominating. The warmest days of the month were the 25th and 26th when temperatures exceeded 70° at most stations and reached 80° at Crossett on the 25th. The lowest temperature recorded in Arkansas during December was 16° at Corning on the 14th. Fifteen stations reported minima below 20° on one or more days. Sunshine was somewhat deficient, due to the prevalence of cloudy days.

The average precipitation for December, as determined from the records of 109 stations, was 4.87 inches which is 0.65 inch above the average of the past 52 years. The greatest rainfall recorded at an individual station was 8.86 inches at Crossett, the least monthly amount was 1.94 inches at Cold Springs. The greatest rainfall in 24 hours was 4.60 inches af the Fort Smith Water Plant, Mountainburg, on the 27th. Light snow fell during the first week but did not remain on the ground more than a few hours.

Heavy rains were general throughout the State on the 26th and 27th and caused marked rises in all the rivers. The White and Black Rivers went above flood stages during the latter part of December and the first part of January.

High winds occurred throughout the State on the night of the 26th, causing minor property damage in many localities. The greatest damage occurred in Stuttgart and vicinity where a number of buildings were damaged by wind and contents damaged by heavy rain. There was some flooding in the lower section of the city. West of the city, power and telephone lines were blown down for a distance of several miles. At Jonesboro a 25-foot stretch of brick wall was blown over.

The cold, wet weather during the first half of December was unfavorable for outside farm work However, the cold weather was welcomed by farmers who wanted to butcher. The period from the 15th to 27th was much more favorable for plowing, threshing peas, baling rice straw, spinach cutting and other farm activities. Winter grains made good progress during the month.

B.N.W.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)					Wind				Relative humidity			Percentage of Sunshine
	Mean	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.	
Bentonville	30.12	30.67	20	29.69	26	7.6	18	n.	15	..	..	..	40
Fort Smith	30.08	30.50	20	29.45	26	8 0	26	nw.	15	78	68	67	39
Little Rock	30.11	30.52	20	29.50	1	8.7	32	se.	26	87	71	77	44
Memphis	30.11	30.51	20	29 47	1	8.2	27	sw.	27	86	73	79	36

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Dense fog	1				1		1	1			8	1							3	4	4	5	13	8	20	4	3	3	3	1	10
High winds	1											1		1	3	1	5								1	5	4	1			
Hail																1										1	1				
Thunderstorms	1				7							1			8				1						1	28	17	1			

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	72	13	4.69	.....	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	− 6	4.42	1 3	6	12	6	13
1902	40.8	75	5	5.71	3.3	8	10	6	15
1903	39.7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0 7	7	12	6	13
1908	46.0	82	11	1.50	0 2	5	13	7	11
1909	35.3	82	1	5.26	3 2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1 0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43 6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.3	7	12	4	13
1916	42.1	82	−16	3.35	4.5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	3	18	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43 2	74	6	5.95	0 4	8	13	5	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6 24	T.	13	9	5	17
1924	41 4	86	− 8	3.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.18	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	8	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0 9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39 9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41 5	74	4	3.76	0 2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.32	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
1938	44 6	74	6	2.93	T.	7	13	7	11
1939	45.5	84	5	2.46	1.4	5	16	5	10
1940	46.7	77	14	3.90	T	9	13	5	13
1941	41.7	80	14	3.67	0.3	7	11	8	12
1942	42.7	80	16	4.87	0.8	10	8	5	18
Period	42.9	88	−21	4.22	1.1	8	12	6	13

Corrections for November :--Alum Fork, date of lowest temperature 27. Clover Bend, greatest precipitation and date, 1 30 inches, 5th. Conway, date of highest temperature 9. Nashville, number days 0.01 or more. 11. Ste phens, wind direction NE. Stuttgart, number days 0.01 or more, 8.

Climatological Data for December, 1942

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	5	44.0	......	71	26§	22	14	4.19	......	1.90	27	T.	5	11	2	18	e.	L. R. Water Works
Arkadelphia	Clark	200	46	44.0	......	78	26	23	2	4.84	−0.04	1.32	5	T	12	7	8	16	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	57	......	......	......	......	......	......	6.19	+0.21	2.04	27	0.0	11	9	3	19	......	George W. Reitzammer
Batesville Airway	Independence	363	5	40.9	+ 0.9	72	26	22	14	4.96	......	1.43	27	0.3	15	6	8	17	nw.	Airway Observer
Batesville Livestk.	Independence	....	1	38.4	......	74	25	17	14	6.10	......	....	......	1.8	8	7	6	18	nw.	University of Arkansas
Batesville River	Independence	277	42	......	......	......	......	......	......	4.37	+0.45	1.68	27	T.	13	12	0	19	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	49	40.6	− 1.4	68	26	20	4	4.70	+0.53	1.75	26	T.	8	9	4	18	n.	Miss Minnie Scanlan
Benton	Saline	285	6	41.4	......	77	26	21	1§	5.60	......	1.95	27	0.0	10	11	11	9	sw.	S. A. Burks
Bentonville	Benton	1295	36	39.0	+ 1.0	69	25	21	2	3.18	+0.80	2.13	26–27	T.	11	8	7	16	s.	U. S. Weather Bureau
Bethesda †	Independence	500	2	38.0	......	74	25	19	14	6.05	......	....	......	1.8	8	8	5	18	nw.	Soil Conservation Ser
Big Lake Outlet †	Mississippi	239	11	......	......	......	......	......	......	4.32	......	1.19	27	0.7	18	5	2	24	......	C. J. Brooks
Black Rock	Lawrence	259	40	......	......	......	......	......	......	3.84	−0.26	1.14	27	1.5	12	9	2	20	......	Vernon C. Howe
Bluff City	Nevada	....	1	......	......	......	......	......	......	....	......	....	......	......	......	......	......	......	......	Ark. Forestry Com.
Blytheville	Mississippi	252	16	40.4	− 2.2	75	26	19	4	4.04	−0.30	1.32	27	T	10	6	10	15	n.	Maureen K. Norris
Booneville (near)	Logan	465	27	43.6	− 0.2	72	26	25	4§	2.69	−0.35	1.39	27	1.5	13	9	7	15	e.	F. H. Randolph
Boughton †	Clark	235	6	......	......	......	......	......	......	3.30	......	0.82	27	0.0	8	12	1	18	......	Mrs Ruby A. Buie
Brinkley	Monroe	205	50	42.6	− 1.2	73	25	20	13	5.13	+0.02	0.99	27	T.	12	5	4	22	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	37	......	......	......	......	......	......	5.98	+1.50	2.50	27	4.5	13	3	2	26	......	William Jones
Camden	Ouachita	116	56	47.7	+ 2.7	77	26§	27	4§	4.78	−0.39	1.10	27	0.0	14	6	7	18	s.	J. M. Knight
Camp Robinson	Pulaski	463	1	42.0	......	74	25	22	13	3.74	......	0.97	26	0.0	9	4	9	18	nw.	U. S Army
Clarendon	Monroe	172	37	......	......	......	......	......	......	5.18	+0.13	1.83	27	0 0	15	9	4	18	......	R. M. Wheatley
Clover Bend	Lawrence	235	3	39.8	......	72	26	15	14	4.34	......	1.23	27	0.5	10	5	8	18	ne	Farm Security Adm
Conway	Faulkner	309	58	44.4	+ 1.6	74	25	22	4§	3.87	−0.37	1.02	5	0.0	8	10	6	15	n.	F. E. Cordrey
Corning	Clay	293	48	39.4	− 0.5	74	26	16	14	3.31	−0.56	1.27	27	0.0	13	11	6	14	w.	Winfred D. Polk
Cotter	Baxter	440	14	......	......	......	......	......	......	7.00	+3.70	3.76	27	3.5	12	6	5	20	......	O. B. McSpadden
Crossett (near)	Ashley	175	29	47.3	+ 0.7	80	25	24	13	8.86	+2.80	4.01	27	0.0	11	10	3	18	n.	U.S. Forest Service
Danville	Yell	327	25	......	......	......	......	......	......	5.01	+1.52	3.29	27	T	10	10	3	18	......	J. M. Patterson
Dardanelle	Yell	330	55	43.8	+ 1.4	72	25§	24	4	5.68	+2.11	3.97	27	0.0	8	8	3	20	s.	Geo. N. Goodier
DeQueen	Sevier	426	6	45.4	......	73	25§	26	17	3.66	......	1.66	27	0.0	6	10	5	16	......	L. D. McCown
Des Arc	Prairie	204	3	46.4ᶜ	......	73ᶜ	25§	24	14	5.86	......	2.61	27	0.0	8	3	8	20	n.	Z. R. Glenn
Devils Knob †	Johnson	2350	5	37.4	......	61	17§	20	16	5.35	......	3.07	27	4.0	10	11	0	20	se.	U. S. Forest Service
Dumas	Desha	162	36	46.2	− 0.4	78	25	24	4	5.87	−0.42	2.20	27	0.0	11	5	8	18	n.	Ben Johnson
El Dorado	Union	270	41	48 0	+ 1 2	79	25	28	12§	3.97	−2.24	1.19	27	0.0	11	10	5	16	n.	Mrs. E. W. Gaston
England	Lonoke	229	35	43.4	− 0 6	72	26	22	14	4.65	−0.29	1.75	27	0.0	11	7	7	17	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	41	39.9	+ 0.1	71	25	22	2§	5.21	+2.41	[illegible]	27	3.0	10	15	2	14	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	4	41.4	......	68	25	23	2§	6.54	......	2.85	26	2.0	12	6	9	16	ne.	Charles F. Ford
Fayetteville Exp.	Washington	1451	54	40.6	+ 0.6	68	25	22	2§	5.47	+2.77	2.23	26	2.0	12	6	12	13	sw.	University of Arkansas
Fordyce	Dallas	280	1	45.0ᶜ	......	75ᵈ	26	25ᶜ	4§	5.00	......	1.80	5	0.0	14	8	4	19	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	60	42.8	+ 0.7	68	26	29	14	5.06	+2.30	3.75	26–27	0.8	13	6	8	17	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	4	......	......	......	......	......	......	6.31	......	4.60	27	2.8	6	12	5	14	......	Ft. Smith Water Plant
Fulton	Hempstead	260	56	......	......	......	......	......	......	5.09	+0.87	2.51	27	0.0	10	7	4	20	......	T. J. Logan
Georgetown	White	200	29	......	......	......	......	......	......	6.30	+1.85	2.50	27	0 0	10	16	0	15	......	C. G. Long
Gilbert	Searcy	600	16	39.4	......	72	17	18	4	6.79	+3.46	3.38	27	4.5	11	9	0	22	w.	F. E. King
Glenwood	Pike	547	6	......	......	......	......	......	......	6.27	......	3.50	27	0.0	10	6	3	22	......	Chas. A. Price
Grannis	Polk	950	22	41.1	− 0.5	72	25	26	2§	4.32	−0.56	1.61	27	T.	15	9	4	18	e	W. E. McVay
Gravette	Benton	1250	44	40.6	+ 2.4	69	25§	20	16	3.67	+1 26	....	......	1.5	7	13	4	14	nw.	Julius A. Schmidt
Green Mountain †	Stone	1100	4	39.6	......	69	15§	19	13§	7.00	....	3.30	27	5.0	12	6	7	18	n.	U. S. Forest Service
Harrison	Boone	1052	41	40 1	+ 2.1	68	14	21	31	6.74	+3.88	4.05	27	2.0	9	11	6	14	nw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	12	......	......	......	......	......	......	4.26	......	1.84	27	T.	13	8	6	17	......	Lester B. Logan
Helena	Phillips	300	69	44.9	+ 0 3	76	25	22	13	5.66	+0.23	1.60	27	0 0	12	9	2	20	nw.	James A. Burnett
Highland	Pike	491	22	44.0	− 3.7	70	26	26	4§	4.75	+0.49	2.65	27	0.0	6	10	8	13	ne.	Clyde Cooley
Hope (near) ‡‡	Hempstead	375	71	44.3	− 2.7	78	26	27	1§	4 83	+0.06	2.25	27	0 0	11	11	9	11	w	University of Arkansas
Hot Springs	Garland	600	50	45 2	+ 1.1	72	25§	25	14	4.32	−0.25	1.64	27	0.0	12	9	4	18	s	National Park Service
Index †	Little River	275	24	......	......	......	......	......	......	5.82	+2.11	3.25	27	0.0	6	14	0	17	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	3	39.6	......	68	26	22	2§	3.46	......	1.68	27	T	9	10	0	21	n.	U. S. Forest Service
Jessieville	Garland	750	15	......	......	......	......	......	......	5.62	+1.04	1.76	27	0.0	10	6	7	18	......	U. S Forest Service
Jonesboro	Craighead	345	46	41.7	+ 0.3	72	25	21	14	3.89	−0.74	1.16	27	T	19	3	8	20	ne.	Benedictine Sisters
Lead Hill	Boone	650	35	39.0	− 0.8	68	25§	18	4	6 11	+3.42	3.33	27	3.0	10	11	5	15	w	I. H. Crosswhite
Little Rock	Pulaski	275	62	43.1	− 1.1	73	25	25	14	4.71	+0.57	1.16	26–27	T	11	5	6	20	sw.	U. S. Weather Bureau
Lutherville †	Johnson	775	43	41.6	+ 0 2	69	25	23	7§	5.19	+1.25	2.75	27	2.2	9	7	8	16	w.	Clarence Lenhardt
Madison	St. Francis	209	11	......	......	......	......	......	......	5.04	−0 56	1.35	27	T.	13	4	3	24	......	J. W Eppes
Magnolia	Columbia	315	25	48 5	+ 0.5	79	26	27	4	3.13	−2.16	1.52	27	0.0	9	10	3	18	sw.	State Agri. School
Mammoth Spring	Fulton	600	37	38 8	− 0.6	73	26	18	4§	4 30	+0 92	2.21	27	6.5	8	6	7	18	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	30	43.6	− 0.1	79	25	24	4§	4.73	−0.06	....	......	0.0	11	7	6	18	n.	University of Arkansas
Marked Tree	Poinsett	229	37	40.0	− 1.2	74	25	19	4	3.81	−0 83	0.96	27	T.	11	2	9	20	s	Charles Walton
Mena	Polk	1207	53	43.4	+ 0 8	68	26	25	5	3.74	−0.23	2.07	27	T.	11	7	9	15	ne.	E. W. St. John
Monticello	Drew	273	1	46.1	......	78	25	27	4	6 02	......	2.12	27	T	15	9	5	17	w	Airway Observer
Morrilton †	Conway	315	25	42.9	− 0.8	74	25	24	14	5.23	+1.35	2.20	27	0 0	10	6	10	15	nw.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	4	......	......	......	......	......	......	6.58	......	2.77	26	2.0	7	8	10	13	n.	C. A. Lovell
Mountain Home †	Baxter	800	29	38.6	− 1.8	70	26	19	14	6.45	+3.09	3.10	27	2.0	7	8	5	18	w.	H. N. Halbert
Mountain Valley	Garland	788	4	......	......	......	......	......	......	5.23	......	1.95	27	0.0	6	7	5	19	ne.	C. A. Cockman
Mount Ida	Montgomery	702	42	43.1	+ 0.3	74	26	20	4§	4.89	+0.79	3.01	27	0.0	9	8	2	21	e.	J. S. Whittington
Mt. Ida CCC	Montgomery	750	2	......	......	......	......	......	......	....	......	....	......	......	......	......	......	......	......	U. S. Forest Service
Mulberry (near) †	Franklin	433	3	......	......	......	......	......	......	5.69	......	4.07	27	T.	9	8	2	21	......	Clifton H. Ward
Nashville	Howard	350	3	45.4ᵃ	......	76ᵇ	26	28ᵃ	2§	4.41	......	1.98	27	0.0	15	10	9	12	w.	Brice Carruth
Newport	Jackson	231	58	42.6	+ 0.4	77	25	20	14	4.72	+0.51	2.08	27	0.0	15	5	9	17	s.	J. D. Henderson
Oden	Montgomery	800	14	......	......	......	......	......	......	3.59	−0.21	1.75	27	0.0	10	......	......	......	......	U. S. Forest Service
Okay	Howard	288	13	46.8	− 0.2	77	25§	26	2§	4 80	+0.06	2.58	27	0.0	12	10	6	15	s.	Charles R. Jackson
Osceola	Mississippi	250	41	......	......	......	......	......	......	3.56	−0.72	0.80	27	T.	11	6	13	12	......	G. H. Banks
Ozark	Franklin	396	46	43.0	+ 1.8	69	25§	24	4§	3.53	+0.14	1.98	27	0.0	11	7	6	18	nw.	Orkney O. Milton
Paragould	Greene	275	18	40.3	......	72	26	19	4§	3.60	−0.93	1 02	27	0.1	14	6	6	19	nw.	J. E. Garrett
Parkin	Cross	222	11	......	......	......	......	......	......	4.53	−0.69	0.84	27	T.	9	4	1	26	......	Carroll King
Perryville	Perry	325	2	42 9	+ 1.8	74	25	20	4	5.51	+1.53	2.16	27	T	9	6	11	14	nw.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	54	46.5	+ 1.4	77	26	27	14	5.29	−0.27	2.55	27	0.0	11	8	8	15	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	17	......	......	......	......	......	......	3.67	−0.78	1.68	27	0.0	11	5	7	19	nw.	J. R. Huddleston
Pocahontas	Randolph	300	48	40.0	− 0.2	72	26	18	4§	3 64	−0.39	0.99	27	1.5	9	2	12	17	nw.	Benedictine Sisters
Portland	Ashley	122	35	47 9	+ 0 3	79	25	26	4	5.85	−0.32	1.45	27	0.0	12	11	3	17	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	53	47.0	+ 1 2	76	26	27	14	4.11	−0.44	1.72	27	0.0	15	8	7	16	ne.	W. R. Hambright
Rogers	Benton	1300	51	39.4	+ 0.4	71	25	21	2§	3.03	+0.69	1.41	26	0.3	8	10	5	16	ne.	Howard Fowler
Rosebud	Faulkner	680	7	......	......	......	......	......	......	3.45	......	1.58	27	0.0	5	11	9	11	n.	G. A. Maddox
Russellville ‡‡	Pope	526	29	42.8	+ 2.3	70ᵃ	25§	24ᵃ	4§	6.06	+3.05	3.75	27	0.0	8	9	6	16	e.	Ark. Tech. College
St. Charles	Arkansas	175	8	42.2ᶜ	......	75	25	25ᶜ	4§	5.94	......	2.30	27	0.0	12	7	9	15	u.	U. S. Biological Survey
St. Francis	Clay	290	14	......	......	......	......	......	......	2.92	−1.45	0.83	27	0.5	9	11	0	20	......	A. Boyce Boyd, Jr.
Searcy	White	245	31	42.8	0 0	71	25	22	14	3.98	−0.26	1.51	27	0.0	11	9	1	21	ne.	Walter A. Smith
Sheridan	Grant	....	1	45.2	......	74	26	22	14	4.34	......	1 26	5	0.0	12	7	6	18	sw.	Ark. Forestry Com.
Siloam Springs	Benton	....	1	39.1	......	67	26	21	2	3.58	......	1.40	26§	1.5	5	9	8	14	s.	John Brown University
Springbank †	Miller	240	32	......	......	......	......	......	......	4.17	−0.75	1.95	27	0.0	13	6	3	22	......	Henry Field
Story	Montgomery	650	17	......	......	......	......	......	......	4.24	−0.85	2.70	26	0.0	5	9	5	17	n.	S. C. Story
Stuttgart	Arkansas	214	54	43.8	− 0 2	75	25	22	14	4.70	−0.42	2.50	27	0.0	8	10	8	13	nw.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	6	42.6	......	75	25	23	14	4.67	......	1.93	27	0.0	11	......	......	......	......	University of Arkansas

Climatological Data for December, 1942 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	43	43.9	+ 1.2	72	25	25	14	5.47	+2.20	2.98	27	1.2	11	15	1	15	e.	New Subiaco Abbey
Texarkana	Miller	332	57	45.6	− 5.3	75	25§	30	4§	4.71	+0.36	2.37	26	T.	10	10	5	16	s.	U. S. Weather Bureau
Turnpike†	Pope	2240	17	37.8	......	62	17§	20	16	7.02	+2.77	4.52	27	4.0	11	11	0	20	sw.	U. S. Forest Service
Wabash	Phillips	179	2	45.3[e]	......	75[f]	15§	25[e]	14	4.99	......	....	......	0.0	8	6	6	19	n.	Farm Security Adm.
Waldron	Scott	675	22	43.6	......	72	26	23	4	2.62	−1.01	1.06	27	0.0	12	4	14	13	n.	Lavon Shoptaw
Warren	Bradley	206	47	47.5	+ 2.3	78	27	27	4	5.96	+0.03	2.69	27	0.0	11	4	2	25	sw.	C. N. Turner
Whitecliffs	Little River	290	35	....	.....	......	......	.....	......	6.96	+2.94	4.00	27	0.0	10	11	0	20	......	L. M. Snead
White Rock†	Franklin	2285	5	38.0[f]	......	66[f]	17	19	16	6.12	......	2.40	27	4.0	10	9	4	18	ne.	U. S. Forest Service
Wilson	Mississippi	237	16	....	.....	......	......	......	......	4.30	−0.72	0.85	22	T.	7	16	0	15	nw.	Miss Winona Anderson
Wright	Jefferson	234	2	43.2	......	71	25§	22	14	4.09	......	1.46	27	0.0	12	12	7	12	se.	Farm Security Adm.
Wynne	Cross	167	33	42.3	+ 0.3	75	25	19	14	4.23	−0.62	1.19	22	T	5	11	2	18	n.	B. M. Eddins
State Means	......	..	..	42.7	+ 0.2	80	25	16	14	4.87	+0.65	4.60	22	0.6	10	8	5	18	n.	

Daily Precipitation for December, 1942

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott[2]	Arkansas	....	....	....	....	.05	.12	.30	....	....	....	....	....	....	....	....	....	....	....	....	.08	....	.08	....	....	....	....	3.32	.07	.03	....	....	4.05
Alum Fork Reser.	Ouachita.	....	....	....	T	.54	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.88	....	....	....	....	1.90	.85	.02	....	....	4.19
Arkadelphia[4]	Ouachita..	.02	....	....	....	1.32	....	.47	....	....	.07	.01	....	....	....	....	.35	....	....	....	.06	....	.73	....	....	....	.02	1.18	.56	.05	....	....	4.84
Arkansas City[2]	Mississippi	....	T.	....	....	.30	1.33	.10	.09	....	T.	.21	....	....	....	....	.85	....	....	....	....	....	.63	....	....	.03	....	2.04	.50	.11	T.	....	6.19
Batesville Air'y.[1]†	White	.14	....	.04	.02	.80	30	.05	....	....	.05	....	....	....	....	44	....	....	....	.06	T.	.59	.10	....	....	....	.67	1.43	.26	01	....	....	4.96
Batesville Livestk[1]	White	.25	....	....	....	....	.82	.18	....	....	19	....	....	....	....	....	.34	....	....	....	....	....	.53	....	....	....	....	•	3.79	....	....	....	6.10
Batesville River[2]	White	....	.15	T	.05	.15	.52	.08	T.	....	.08	....	....	....	....	....	.35	....	....	....	.12	....	.70	....	....	.03	T.	1.68	.38	.08	T.	....	4.37
Beaty Lake(near)	St. Francis.	.63	....	.02	....	1.11	....	T	T.	....	.03	....	....	....	....	T.	.86	....	....	T	.10	....	.77	....	....	....	.07	1.27	.13	T.	....	....	4.99
Bee Branch	Arkansas..	.15	....	T	....	.70	....	T	....	....	.10	....	....	....	....	10	....	....	....	T.	....	.55	....	....	....	....	1.75	.25	1.10	....	....	....	4.70
Beech Grove(near)	White	.08	....	.20	....	.51	....	.60	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	.80	....	....	....	.30	1.00	.80	....	....	....	4.39
Beedeville[2]	White	....	.25	....	.01	.19	.73	....	....	....	.03	....	....	....	....	....	T.	....	....	....	.08	....	.84	....	....	....	....	1.39	.31	.16	T.	....	3.99
Benton[2]	Saline	.05	.19	....	....	.69	.70	....	....	....	.04	....	....	....	....	....	.20	....	....	....	....	....	.98	....	....	....	....	1.95	.73	.07	....	....	5.60
Bentonville[1]‡	Arkansas..	.01	....	....	T	.33	.04	.08	....	....	T.	....	....	....	....	....	....	....	....	.02	....	.33	.01	....	....	....	2.07	.11	.10	.08	....	....	3.18
Bethesda[2]	White.	.23	....	....	....	....	•	.91	....	....	.15	....	....	....	....	....	.25	....	....	....	....	....	.50	....	....	....	....	•	4.01	....	....	....	6.05
Big Lake Outlet[2]	St. Francis	.03	.21	.07	20	.07	.28	.13	....	....	.03	T.	.05	....	.03	....	.51	....	....	....	.05	....	.66	.02	....	....	T.	1.19	.62	.15	.02	....	4.32
Black Rock[2]	White	.32	.05	T	.06	.04	.79	.12	T.	....	.13	T.	....	....	....	....	....	....	....	....	.06	....	.66	T.	....	T	....	1.14	.20	.27	T.	....	3.84
Blue Mountain[2]	Arkansas..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	....	....	....	....	.45	.30	....	....	....	....
Bluff City..(near)	Ouachita..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.24	....	....	....	....	.10	.44	....	....	....	....	.20	....	.18	....	....	....	....
Blytheville[2]	St. Francis	....	.96	....	.13	....	.42	....	....	....	.02	.07	....	....	....	....	....	....	....	....	....	....	....	....	.26	....	....	1.32	.75	.08	.03	....	4.04
Booneville (near)	Arkansas..	.05	....	....	01	.39	....	.13	....	....	.12	....	T.	....	....	....	....	....	....	.03	.04	....	.34	....	....	.01	.12	1.39	.05	.01	....	....	2.69
Booneville[2]	Arkansas..	.05	....	....	....	.14	.31	.03	....	.16	.94	....	.02	....	....	....	....	....	....	....	.04	....	.38	.01	....	.01	.14	1.46	.15	.02	....	....	3.86
Boughton[2]	Ouachita..	.05	....	....	....	.80	.18	.15	....	....	....	....	....	....	....	....	.60	....	....	....	.10	....	.60	....	....	....	....	.82	....	....	....	....	3.30
Brinkley[1]	White	.51	....	T.	.22	.94	T.	.01	T.	....	.05	....	....	....	....	.49	....	....	....	T	T	.58	.25	....	....	T.	.67	.99	.41	.01	....	....	5.13
Calico Rock[2]	White	.14	....	.05	.07	.32	.37	.35	....	....	.14	....	....	....	....	....	.03	....	....	....	.05	....	.32	....	....	....	....	2.50	.62	.12	....	....	5.08
Camden	Ouachita..	.03	....	....	....	.90	.42	48	....	....	.07	06	....	....	....	....	.43	....	....	....	.04	....	.74	.03	....	.03	....	1.10	.29	.16	....	....	4.78
Camp Chaffee	Arkansas..	....	....	....	....	.86	....	63	....	.11	....	....	.02	....	....	....	....	....	....	....	....	....	.40	....	....	....	....	3.00	.90	....	....	....	5.92
Camp Marion[2]	Arkansas..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Camp Robinson[2]	Arkansas..	.04	....	....	.69	.33	T.	....	....	.04	....	....	....	....	....	.34	....	....	....	T.	....	.75	....	....	.03	....	.97	.55	T.	....	....	....	3.74
Carlisle[2]	Arkansas..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.02	....	.83	....	....	....	.04	1.92	....	....	....	....	....
Clarendon[2]	White	.17	.11	....	.03	.41	.75	.01	....	....	....	.06	....	....	....	....	.44	....	....	....	.02	....	.79	....	....	.01	....	1.83	.43	.11	.01	....	5.18
Clover Bend	White	.16	....	.12	....	.61	....	05	....	....	.12	....	....	....	....	.17	....	....	....	....	....	....	.96	....	....	....	.08	1.23	.84	....	....	....	4.34
Cold Springs	Ouachita..	....	....	....	....	....	....	....	....	....	.13	....	....	....	....	....	....	....	....	....	....	....	.37	....	....	....	....	1.34	....	.10	....	....	1.94
Conway	Arkansas..	.04	....	....	....	1.02	....	....	....	....	.08	....	....	....	....	....	....	....	....	....	.11	....	.73	....	....	....	.14	.93	.82	....	....	....	3.87
Corley[2] (near)	Arkansas..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Corning[2]	White	.25	.02	....	T.	.10	.45	.11	....	....	.02	.03	....	....	....	....	.08	....	....	....	.08	....	.58	....	....	....	....	1.27	.10	.22	....	....	3.31
Cotter[2]	White	.16	....	.09	....	.64	.33	.30	.07	....	.17	....	....	....	....	....	....	....	....	....	.11	....	.37	....	....	....	....	3.76	.88	.12	....	....	7.00
Crossett ..[near]	Ouachita..	....	....	....	.03	2.30	.02	.37	....	....	....	.20	....	....	....	....	.38	....	....	....	T.	....	.71	....	....	....	.49	4.01	.20	.15	T.	....	8.86
Danville[4]	Arkansas..	.01	.03	....	T	.20	.48	T.	....	....	.04	....	....	....	....	....	.02	....	....	....	T.	....	.48	....	....	....	....	3.29	.44	.02	....	....	5.01
Dardanelle[2]	Arkansas..	.10	....	....	....	.19	....	....	....	....	.21	....	....	....	....	....	....	....	....	....	.02	....	.47	....	....	....	.05	3.97	.67	....	....	....	5.68
Denmark[2]	White	.06	....	....	.02	.13	.60	T.	....	....	.02	....	.12	....	....	....	.02	....	....	....	....	....	.93	....	....	....	T.	2.05	.26	.03	....	....	4.24
De Queen	Red	....	....	....	....	.97	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	.66	.07	....	....	....	....	1.66	....	.05	....	....	3.66
Dermott[2]	Mississippi.	....	T.	....	T	.27	1.00	.15	.08	....	.02	.17	....	....	....	....	.67	....	....	....	....	....	.52	....	....	.03	....	1.90	.57	.12	.03	....	5.53
Des Arc[2]	White.	.08	.18	....	....	.44	.70	....	....	....	....	T.	....	....	....	....	.43	....	....	....	....	....	1.09	....	....	....	....	2.61	.33	....	....	....	5.86
Devils Knob	Arkansas..	.08	....	....	....	....	.03	.32	....	....	....	....	....	....	....	....	....	....	....	.02	.10	.47	.12	....	....	....	.60	3.07	.54	....	....	....	5.35
Dumas	Mississippi	15	....	T.	.03	1.14	T.	.04	....	....	T.	T.	....	....	....	T.	.60	....	....	....	.12	T.	.72	....	....	T.	.57	2.20	.20	.10	....	....	5.87
Eagle Gap[2]	Arkansas..	.04	....	....	....	.25	.20	.09	....	....	.10	02	.02	....	....	....	....	....	....	....	.06	....	.67	....	.01	....	.12	2.45	.10	.02	.10	....	4.25
El Dorado[2]	Ouachita..	....	....	....	.03	.03	.99	....	....	....	.14	.02	....	....	....	....	.36	....	....	....	.10	....	.73	....	....	....	....	1.19	.35	.03	....	....	3.97
Eleven Point[2]	White	.16	....	.02	....	.58	....	.22	....	....	.09	....	....	T.	....	.07	....	....	....	T.	.14	....	.52	....	....	....	.25	1.70	.61	....	....	....	4.36
England	Arkansas..	.42	....	T.	T.	1.25	T.	.04	....	....	.05	....	....	....	....	.03	.27	....	....	....	T	....	.67	....	....	.02	.05	1.75	.10	T	....	....	4.65
Eureka Springs	White	....	....	....	....	.62	....	.30	....	....	.12	....	....	....	....	....	....	....	....	05	.03	.35	....	....	....	....	1.47	2.05	.18	.04	....	....	5.21
Evening Shade[2]	White	.14	T.	T.	.02	.19	.44	.26	....	....	.03	....	....	T.	....	....	....	....	....	....	.06	....	.39	....	....	....	....	4.24	.34	.22	....	....	6.33
Fayetteville	White	.11	....	.06	....	.63	....	20	T	....	.21	....	....	....	....	T.	....	....	....	T.	.02	.23	.04	....	....	....	2.85	2.14	.03	.02	....	....	6.54
Fayetteville Exp. S	White.	.08	....	.03	....	.66	T.	.16	T.	T.	.14	....	....	....	....	....	....	....	....	T.	.02	.22	.03	....	....	....	2.23	1.84	.04	.02	T.	....	5.47
Fordyce	Arkansas..	.06	....	....	.03	1.30	.01	.09	....	....	04	....	....	....	....	....	.83	....	....	....	....	.03	.38	....	....	.02	.09	1.16	.89	.07	....	....	5.00
Forester[2]	Arkansas..	....	....	....	....	....	.70	....	....	....	....	.03	....	....	....	....	....	....	....	....	.03	....	.82	....	....	....	....	1.82	.13	.30	....	....	3.83
Fort Smith[1]‡	Arkansas..	.03	....	T.	.12	.28	.30	T	T.	.07	.04	....	.01	....	....	....	....	....	....	.08	....	.31	.01	....	....	T.	3.73	.07	T.	.01	....	....	5.06
Fort Smith W.[2]	Arkansas	....	....	....	....	....	....	1.07	T.	.21	....	....	T.	....	....	....	....	....	....	....	.10	....	.30	....	....	....	....	4.60	.03	T.	....	....	6.31
Fulton[2]	Red	.02	....	....	....	1.14	T.	26	....	....	.25	....	....	....	....	T.	.04	....	....	....	.05	....	.65	....	....	T	T.	2.51	.05	.12	....	....	5.09
Georgetown[2]	White	.10	.20	....	....	.20	.75	....	....	....	T.	....	....	....	....	....	.45	....	....	....	.10	....	1.20	....	....	....	....	2.50	.70	.10	....	....	6.30
Gilbert[3]	White	.18	....	.02	....	.30	.59	.39	T	....	.14	....	....	....	....	....	.05	....	....	....	.18	....	.36	....	....	....	....	3.38	1.20	T.	....	....	6.79
Glenwood[2]	Ouachita..	....	.08	....	....	.83	.45	....	....	....	....	.13	....	....	....	....	.10	....	....	....	.08	....	.73	....	.08	....	.06	3.50	.23	....	....	....	6.27
Grannis	Red	.32	....	....	.04	.79	....	.02	T.	....	.15	.07	....	....	....	....	....	....	....	.03	.12	.76	.05	....	T.	.05	.24	1.61	.03	.04	....	....	4.32
Gravelly[2]	Arkansas..	....	....	....	....	•	.62	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	T.	2.15	....	....	....	....	3.27
Gravette	Arkansas..	....	....	....	....	.60	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	•	.42	....	....	....	•	2.35	.15	....	....	....	3.67
Green Forest[2]	White	.04	....	.03	T.	.71	....	.18	....	....	.21	....	....	....	....	T.	....	....	....	T.	.10	.40	....	....	....	....	.21	3.39	.32	.03	....	....	5.62
Green Mountain	White.	.10	....	.40	....	.40	....	.60	....	....	20	....	....	....	....	.10	....	....	....	....	.20	....	.40	....	....	....	.10	3.30	1.10	.10	....	....	7.00
Greenwood[2]	Arkansas..	T.	....	....	....	.20	.03	.56	....	....	10	....	T.	....	....	....	....	....	....	....	T.	....	.40	....	....	....	.05	3.01	08	....	....	....	4.43
Harrisburg[2]	St. Francis.	....	....	.20	....	.50	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.00	....	....	....	....	.15	1.25	.27	....	....	....	3.37
Harrison	White	....	....	.04	....	.92	....	.24	....	....	.16	....	....	....	....	....	....	....	....	....	....	.39	....	....	....	....	.10	4.05	.81	....	....	.03	6.74
Heber Springs[2]	White.	.14	....	.05	T.	.20	.49	.02	....	....	.07	....	....	....	....	....	.22	....	....	....	.06	....	.62	....	....	.01	T.	1.84	.48	.06	....	....	4.26
Helena[2]	Mississippi	.25	.18	....	.03	.22	1.22	....	....	....	....	....	....	....	....	....	.41	....	....	....	.04	....	.91	....	....	....	....	1.60	.54	.24	.02	....	5.66
Henderson[2]	White	.10	....	....	....	.25	.50	....	....	....	.50	....	....	....	....	....	....	....	....	....	.10	....	.25	....	....	....	....	4.50	1.10	....	....	....	7.30
Highland	Ouachita..	....	....	....	.20	1.10	....	....	....	....	.15	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	.15	2.65	....	....	....	....	4.75
Hon[2] (near)	Arkansas..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hope[7]	Red	T.	....	....	T.	.90	.11	.16	....	....	.15	....	....	....	....	....	.06	....	....	....	.11	....	.65	....	....	.02	....	2.25	.17	.25	....	....	4.83
Hot Springs	Ouachita..	.15	....	....	.02	1.03	....	.03	....	....	.05	....	....	....	....	.12	....	....	....	....	.03	.25	.45	....	....	T.	T.	1.64	.53	.02	....	....	4.32
Huttig[2] (near)	Ouachita..	T.	....	....	....	.26	.69	.26	.04	....	.06	.17	....	....	....	....	.29	....	....	....	T.	.04	.56	....	....	T.	....	2.65	.68	.09	T.	....	5.79
Index[2]	Red	....	....	....	....	.95	....	T.	....	....	.22	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	3.25	.50	.30	....	....	5.82
Irons Fork[2]	Ouachita..	08	....	....	....	.61	....	T.	T.	....	.10	.03	....	....	....	....	....	....	....	....	.13	....	.67	....	....	....	.11	1.68	.05	T	....	....	3.46
Jessieville	Ouachita..	....	.15	....	....	.95	.45	....	....	....	.25	....	....	....	....	....	....	....	....	....	.09	.20	.89	....	T.	T.	T.	1.76	.76	.12	....	....	5.62
Jonesboro[2]	White	.05	.01	T.	.16	.13	.46	.01	.01	....	.02	T.	.05	.01	T.	....	.86	....	....	....	.04	....	.63	T.	....	.03	.02	1.16	.40	.83	.01	....	3.89

Daily Precipitation for December, 1942 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LaCrosse[2]	White	.20	....	.14	.08	....	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	.34	....	....	.02	.06	3.15	.54	....	....	....	4.88
Lake City[2]	St. Francis	.08	....	T.	....	....	.90	T.	....	....	....	T.	....	....	....	....	.45	....	....	....	....	....	.70	....	....	....	....	1.08	.34	....	....	....	3.55
Lead Hill	White	.04	....	T.	....	1.07	....	.20	....	....	.21	....	....	....	....	.03	....	....	....	T.	.04	.26	....	....	....	....	.18	3.33	.75	....	T.	....	6.11
Little Rock[1]†	Arkansas	.23	....	T.	.11	1.05	T.	T	....	....	.01	....	....	....	....	.77	....	....	....	T.	.03	.60	T.	....	....	.01	.46	1.09	.35	T	....	....	4.71
Lutherville	Arkansas	....	....	....	....	.82	....	.18	....	....	.20	....	....	....	....	T.	....	....	....	T.	.05	.52	.12	....	....	....	.15	2.75	.40	....	....	....	5.19
Madison[2]	St. Francis	.47	.05	....	....	.81	.41	....	....	....	....	.10	....	....	....	....	.84	....	....	....	....	....	.63	T	....	....	....	1.35	.35	.03	....	....	5.04
Magnolia	Red	....	....	....	.04	.77	....	T	.02	....	.14	....	....	....	....	....	.33	....	....	....	.10	....	....	....	....	....	....	1.52	.12	.09	....	....	3.13
Mammoth Spg[2]	White	.13	....	T.	T	.18	.52	.24	....	....	.27	....	....	....	T.	....	....	....	....	....	T	....	.26	....	....	....	....	2.21	.49	....	....	....	4.30
Marianna	St. Francis	*	.30	....	....	*	1.15	....	....	....	....	....	....	....	....	....	.55	....	....	....	.08	....	*	.70	....	....	....	*	1.85	.10	....	....	4.73
Marked Tree[2]	St. Francis	.06	.24	....	T.	.23	.54	....	....	....	....	....	....	....	....	....	.17	....	....	....	.02	....	.86	.12	....	....	T.	.96	.40	.21	T.	....	3.81
Marshall[2]	White	....	....	*	.02	.29	....	.35	....	....	.15	....	....	....	....	....	....	....	T.	....	....	*	.54	....	....	....	.04	3.00	.80	.06	....	....	5.25
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mena[2]	Ouachita	.08	.01	....	....	.25	.35	T.	....	T	.10	.01	....	....	....	....	....	....	....	....	.10	T	.74	....	....	.01	T	2.07	T.	.02	T.	....	3.74
Mena CCC	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Monticello Air[1]†	Ouachita	.06	....	T.	.10	.71	.05	.04	....	....	.02	.17	....	....	....	.56	....	....	....	....	T	.28	.27	....	.01	....	1.45	2.12	.13	.05	....	....	6.02
Morobay[2] (near)	Ouachita	....	....	....	....	.22	.84	.05	....	....	.05	.13	....	....	....	....	.29	....	....	....	.03	....	.66	....	....	....	....	.90	.49	.12	....	....	3.78
Morrilton[2]	Arkansas	T.	.15	....	....	.35	.64	....	....	....	.05	....	....	....	....	....	....	....	....	....	.08	....	.70	....	....	....	.10	2.20	.76	.20	....	....	5.23
Mountainburg	Arkansas	.11	....	....	....	.64	T.	.24	.40	T.	T.	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	....	2.77	2.27	....	....	....	....	6.58
Mountain Home	White	....	....	T	....	.80	....	.30	....	....	....	....	....	....	....	T.	....	....	....	T.	.10	....	.40	....	....	....	.90	3.10	.85	....	....	....	6.45
Mountain Valley	Ouachita	....	....	....	....	1.35	....	....	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	.93	....	....	....	.10	1.95	.50	....	....	....	5.23
Mtn. View[2](near)	White	.14	T.	.05	....	.20	.46	.25	....	....	.01	....	T	....	....	....	....	.07	....	....	.02	....	.34	....	....	....	....	3.29	.98	T	....	....	5.81
Mount Ida	Ouachita	.09	....	....	.05	.72	....	....	....	....	.08	....	....	....	....	....	....	....	....	....	....	.58	.21	....	....	....	.04	3.01	.11	....	....	....	4.89
Mount Ida CCC	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mulberry[2]	Arkansas	.06	....	.02	....	.35	....	.59	....	....	.05	....	.03	....	....	....	....	....	....	....	....	....	.45	....	....	....	....	4.07	.07	....	....	....	5.69
Nashville	Red	.04	....	....	.06	1.08	....	.04	....	....	.18	....	....	....	....	.21	....	....	....	.02	.02	.38	.19	....	.02	....	.03	1.98	.08	.08	....	....	4.41
Newhope(near)[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Newport[2]	White	.07	.05	.02	.04	.08	.59	.01	....	....	.02	....	....	....	....	....	.18	....	....	....	.01	....	1.00	....	....	.02	....	2.08	.44	.11	....	....	4.72
Nimrod	Arkansas	.07	....	....	....	.20	.52	....	....	....	.08	....	....	....	....	.05	....	....	....	....	.03	.44	.13	....	....	....	.07	2.94	.46	....	....	....	4.99
Odell (near)[2]	Arkansas	.10	....	....	....	.61	....	.34	....	.02	.23	....	....	....	....	....	....	....	....	....	.15	....	.46	....	....	....	....	3.12	.20	.03	....	....	5.26
Oden	Ouachita	.07	....	....	....	.60	....	....	....	....	.08	....	....	....	....	....	....	....	....	*	.14	.41	.38	....	....	....	.14	1.75	.02	....	....	....	3.59
Okay	Red	.03	....	....	.07	.87	....	.08	....	....	.14	....	....	....	....	....	.11	....	....	....	....	.38	.33	....	.02	....	....	2.58	.09	.10	....	....	4.80
Osceola[2]	Mississippi	.11	.24	T.	.08	.16	.46	.03	....	....	T.	T	....	T.	....	....	.53	....	....	....	....	....	.71	T.	....	....	T	.80	.38	.06	T.	....	3.56
Ozark[2]	Arkansas	.04	.06	....	....	.22	.32	.07	.03	....	.11	....	T	....	....	....	....	....	....	....	.09	....	.39	T.	....	....	T.	1.98	.22	....	....	....	3.53
Paragould	St. Francis	.08	....	.21	....	.56	T	.04	....	....	.04	.02	T.	T.	....	.28	.22	....	....	....	.06	....	.70	....	....	T.	.04	1.02	.32	.01	....	....	3.60
Parkin[2]	St. Francis	.18	.46	....	....	.47	.75	....	....	....	....	....	....	....	....	....	.31	....	....	....	....	....	.78	....	....	....	....	.84	.59	.15	....	....	4.53
Perryville	Arkansas	.62	....	....	T.	.80	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	.08	.62	....	....	....	....	.18	2.16	.87	.08	....	....	5.51
Pine Bluff[2]	Arkansas	.14	.10	T.	....	.37	.98	.02	T.	....	T.	.04	....	....	....	....	.29	....	....	....	.01	....	.62	T.	....	....	T.	2.55	.17	T	....	....	5.29
Pine Ridge[2]	Ouachita	.15	....	....	....	.31	.28	....	....	....	T.	.12	....	....	....	....	....	....	....	....	.18	....	.64	....	....	.02	.13	1.68	.13	.03	....	....	3.67
Pocahontas	White	.32	....	.03	....	.69	....	.18	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	.08	.99	.65	....	....	....	3.64
Portland[2]	Ouachita	....	....	....	....	.10	1.35	.30	.28	....	.05	.20	....	....	....	....	.30	....	....	....	....	T.	.90	....	....	....	....	1.45	.75	.12	.05	....	5.85
Prescott[2]	Ouachita	.02	.03	....	....	.78	.14	.11	....	....	.10	.01	....	....	....	....	.07	....	....	....	.07	T	.64	....	....	.03	....	1.72	.18	.20	.01	....	4.11
Rogers	White	....	....	....	....	.60	....	.20	....	....	....	....	....	....	....	....	....	....	....	.09	....	.29	....	....	....	....	1.41	.16	.20	.08	....	....	3.03
Rosebud	Arkansas	.10	....	....	....	.87	....	....	....	....	.16	....	....	....	....	....	....	....	....	....	....	....	.74	....	....	....	....	1.58	....	....	....	....	3.45
Russellville	Arkansas	.42	....	....	....	.51	....	.05	....	....	.22	....	....	....	....	....	....	....	....	....	....	*	.48	....	....	....	.10	3.75	.53	....	....	....	6.06
St. Charles[2]	White	.30	.11	....	.03	.83	.72	.02	....	....	T.	.01	....	....	....	....	.64	....	....	....	....	....	.53	....	....	T	....	2.30	.40	.05	....	....	5.94
St. Francis[2]	St. Francis	.25	T.	....	T.	....	.40	.13	....	....	....	....	....	....	....	....	.12	....	....	....	.11	....	.65	....	....	....	....	.83	.26	.17	....	....	2.92
St. Paul[2](near)	White	....	....	....	....	.72	....	.45	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	.35	....	....	....	....	4.20	....	....	....	....	5.82
Searcy[2]	White	.03	.17	....	T.	.30	.70	....	....	....	.04	....	....	....	....	....	....	....	....	....	.07	....	.88	....	....	.03	....	1.51	.18	.07	....	....	3.98
Sheridan	Ouachita	.42	....	....	....	1.26	.11	T.	....	....	.12	.03	....	....	....	.19	....	....	....	....	.04	....	.65	....	....	T	.09	.93	.41	.09	....	....	4.34
Shirley[2](near)	White	.19	....	T.	.09	T.	.77	.22	....	....	.09	....	....	....	....	....	T.	....	....	....	....	....	.45	....	....	....	....	1.98	1.05	....	....	....	4.84
Siloam Springs	White	T.	....	....	....	.40	....	.14	....	....	....	....	....	....	....	....	....	....	....	T.	....	.24	T.	....	....	....	1.40	1.40	T	....	....	....	3.58
Sparkman[2] (near)	Ouachita	.08	....	....	.03	1.19	....	.05	....	....	.09	....	....	....	....	....	.21	....	....	....	.15	....	.47	....	....	....	....	1.96	.44	.06	....	....	4.73
Springbank[2]	Red	T.	T.	....	....	.75	.25	.10	.02	....	.20	.03	T	....	....	....	....	.10	....	....	.05	.07	.33	.22	T	....	T.	1.95	T	.10	T.	....	4.17
Stamps[2](near)	Red	....	....	....	....	1.70	.30	.18	....	....	.10	....	....	....	....	....	.03	....	....	.01	....	....	.04	....	....	....	....	1.09	.11	.11	....	....	3.67
Stephens[2] (near)	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Story[2]	Ouachita	....	.34	....	....	.54	.03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.63	....	....	....	2.70	....	....	....	....	....	4.24
Stuttgart[2]	Arkansas	.32	....	....	....	.68	.32	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.66	....	....	T.	....	2.50	.11	.06	....	....	4.70
Stuttgart Evap.[2]	Arkansas	.21	.07	....	....	.55	.62	.03	....	....	....	....	....	....	....	....	.19	....	....	....	....	.51	.01	....	....	....	....	1.93	.53	.02	....	....	4.67
Sublaco	Arkansas	.18	....	....	....	.70	....	.18	....	....	.18	....	.01	....	....	....	....	....	....	T	....	.35	.05	....	....	....	.63	2.98	.18	.03	....	....	5.47
Sugar Grove[2]	Arkansas	.05	....	....	....	.21	.15	....	....	.10	.15	....	....	....	....	....	....	....	....	....	....	....	.35	....	....	....	....	1.73	.32	.14	....	....	3.20
Texarkana[1]	Red	T.	....	....	.37	.67	.13	.03	....	T.	.32	T.	....	....	....	T	....	....	....	T.	T.	.67	T.	....	T	....	2.37	.10	.04	.01	....	....	4.71
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	.06	....	.01	....	.63	T.	.28	....	....	.05	....	....	....	....	.08	....	....	....	.12	....	.40	....	....	....	....	.12	4.52	.75	....	....	....	7.02
Viola	White	.25	....	....	....	.26	.48	.20	....	....	.23	....	....	....	....	....	....	....	....	....	.12	....	.41	....	....	....	....	3.20	.61	.10	....	....	5.86
Wabash	Mississippi	.50	....	T.	....	1.38	T.	....	....	....	....	....	....	....	....	....	.73	....	....	....	....	....	.08	....	....	....	*	*	*	2.30	....	....	4.99
Waldron	Arkansas	.05	....	....	.04	.41	....	....	.13	....	.10	....	....	....	....	....	....	....	....	.02	.05	.44	....	....	....	....	.26	1.06	.02	.04	....	....	2.62
Walnut Grove(nr)	White	.15	....	.07	....	.61	T.	.06	....	....	T.	T.	....	....	....	.39	.18	....	....	....	.12	....	.70	....	....	....	.72	1.69	.42	....	....	....	5.11
Warren	Ouachita	.02	....	T.	.05	1.02	....	.05	....	....	....	....	....	....	....	....	1.12	....	....	....	....	....	.65	....	....	.01	.15	2.69	.15	.05	....	....	5.96
Whitecliffs[2]	Red	....	....	....	....	.70	....	.50	....	....	.30	.10	....	....	....	....	.16	....	....	....	.10	....	.50	....	.10	....	....	4.00	.50	....	....	....	6.96
White Rock	Arkansas	.10	....	T.	....	.94	*	.36	T.	....	....	....	.20	....	....	....	....	....	....	.11	....	*	.47	....	....	....	1.54	2.40	....	....	....	....	6.12
Wilson[2]	Mississippi	....	.69	....	....	.65	....	....	....	....	.06	....	....	....	....	....	....	....	....	....	.50	....	.85	....	....	....	....	.83	....	.72	....	....	4.30
Wright	Arkansas	.30	....	....	T	1.24	.01	.02	....	....	.04	T	....	....	....	T.	.31	....	....	....	....	....	.55	....	....	.01	.02	1.46	.12	.01	....	....	4.09
Wynne[2]	St. Francis	.34	....	....	....	1.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.19	....	....	....	1.10	....	....	.45	....	....	4.23

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for December, 1942

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bethesda §§	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	32	32	28	28	29	34	32	32	34	44	44	36	30	37	45	34	43	42	38	34	32	38	40	38	54	53	....	....	....	..	....	38.0
	Wind move	54	111	65	26	30	51	56	22	30	78	22	44	106	34	78	118	42	76	32	54	78	30	40	8	22	101	89	91	71	71	44	1779
Hope, Exp. Farm §§	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	41	41	34	34	34	36	36	37	40	46	50	42	43	44	48	43	50	51	50	48	36	42	44	47	61	66	56	40	38	48	42	44.3
	Wind move	22	64	69	64	62	7	92	37	7	26	18	28	64	25	42	132	18	67	13	22	95	55	16	12	21	41	72	88	89	41	22	1429
Irons Fork, Exp. Forest §§	Evap.	.020	*	.074	*	*	.033	*	.023	.002	.015	.014	.017	.031	*	.023	*	.072	.026	.030	.010	....	....	*	.030	.004	.020	.020	.035	....	....	....	0.499
	Mean tem.	37	34	33	30	34	32	34	33	37	38	42	38	40	44	41	39	44	48	52	37	34	38	41	42	46	59	50	32	33	41	38	39.6
	Wind move	17	13	19	5	17	4	10	1	2	4	1	9	12	10	13	32	4	12	12	6	8	17	3	19	1	31	20	5	10	5	5	327
Stuttgart, Rice Exp. Farm §§	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	39	36	36	34	33	36	36	38	35	38	40	41	31	38	47	42	46	48	52	42	41	44	42	48	56	64	56	44	41	44	44	42.6
	Wind move	63	50	72	68	69	49	84	62	21	31	24	31	69	56	43	136	69	64	16	33	95	88	94	24	2	50	160	73	67	82	86	1881

Daily Temperatures for December, 1942

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork........	Maximum	50	47	39	41	38	39	38	38	41	49	55	52	52	53	63	59	65	64	65	62	51	59	59	55	70	71	71	55	40	52	51	53.0
	Minimum	39	30	30	27	30	32	32	31	34	46	37	31	25	27	46	30	35	37	43	35	26	31	29	35	48	52	53	39	34	36	28	31.9
Arkadelphia ....§§	Maximum	54	53	40	42	41	40	40	40	49	49	62	60	52	62	71	54	69	71	54	46	41	58	61	73	74	78	62	76	59	57	52	56.1
	Minimum	25	23	27	27	27	33	34	35	35	35	26	28	27	22	27	35	26	26	31	27	29	35	25	25	37	62	52	43	44	24	32	31.9
Batesville .....***	Maximum	44	40	32	36	35	37	37	45	45	55	55	49	36	56	67	47	68	55	47	42	39	52	57	56	67	72	63	44	41	46	46	48.7
	Minimum	34	29	26	23	32	32	32	26	36	37	31	27	24	22	41	31	36	36	36	28	27	32	26	34	50	61	43	39	38	30	27	33.1
Bee Branch........	Maximum	46	45	42	40	37	36	33	39	42	47	57	56	45	51	65	60	65	65	59	55	33	54	55	56	66	68	62	48	41	55	50	50.7
	Minimum	34	25	24	20	29	30	29	30	32	31	31	30	24	21	35	26	24	30	36	29	25	31	24	31	45	57	44	34	32	35	22	30.6
Benton ....§§	Maximum	49	50	35	41	40	40	40	39	45	52	60	62	55	59	68	52	67	64	67	69	41	52	59	53	75	77	62	46	47	39	35	52.9
	Minimum	21	25	26	23	22	32	32	32	33	33	35	25	24	21	22	33	27	29	27	29	28	29	23	22	29	50	57	42	36	36	28	30.0
Bentonville ....***	Maximum	42	32	40	36	39	34	35	36	41	51	49	43	50	60	58	46	63	62	60	32	44	50	58	60	69	67	53	34	31	35	51	47.2
	Minimum	26	21	28	24	32	30	29	33	30	33	33	28	28	29	31	22	38	34	32	25	25	34	31	39	42	53	32	30	29	26	24	30.7
Bluff City..........	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	...	..	.	..	..	..	..	..	.	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	.	..	....
Blytheville........	Maximum	46	37	29	32	35	36	38	35	45	43	56	45	35	48	66	48	62	54	46	43	45	50	53	62	73	75	69	62	45	42	52	48.4
	Minimum	30	27	24	19	32	30	33	30	28	34	35	32	20	20	35	30	29	30	31	30	27	35	28	34	50	52	49	43	39	38	29	32.4
Booneville (near).	Maximum	53	46	44	39	38	39	42	41	46	50	58	53	51	63	68	60	71	64	58	55	41	53	60	54	71	72	70	44	40	49	58	53.3
	Minimum	28	26	33	25	33	33	31	34	34	38	42	30	29	27	40	28	27	34	47	37	29	32	25	40	40	59	44	35	33	36	25	34.0
Brinkley	Maximum	50	49	34	42	40	39	38	45	43	43	58	55	42	54	69	48	64	59	63	45	48	52	56	59	73	70	67	48	43	52	54	51.7
	Minimum	30	31	28	22	33	31	35	32	33	34	31	27	20	22	43	27	32	30	40	29	30	33	28	32	52	64	48	41	39	32	30	33.5
Camden.	Maximum	58	54	54	45	43	45	42	43	46	59	60	60	60	65	72	71	68	69	69	66	44	53	62	62	76	77	77	55	44	52	50	58.1
	Minimum	44	29	37	27	35	33	34	34	35	35	39	30	38	27	39	35	28	31	47	43	32	39	30	35	51	64	54	42	37	39	32	37.3
Camp Robinson. §§	Maximum	47	45	36	41	39	38	39	39	45	51	55	51	44	58	61	46	66	58	63	44	42	50	57	65	74	72	62	45	42	50	49	50.8
	Minimum	31	31	24	26	32	32	32	32	34	33	31	25	22	23	30	30	36	41	41	27	28	28	31	37	59	58	40	36	36	29	33	33.2
Clover Bend.......	Maximum	46	40	38	42	43	44	40	42	46	52	51	48	47	42	56	54	68	55	44	40	40	46	44	59	69	72	66	58	54	51	60	50.2
	Minimum	28	22	17	24	33	34	28	21	28	33	28	32	24	15	32	28	34	34	27	27	23	31	21	30	34	44	44	38	31	25	38	29.8
Conway	Maximum	52	50	41	42	39	39	42	40	46	52	60	55	48	56	69	58	73	61	61	55	47	55	60	55	74	72	67	53	45	55	49	55.9
	Minimum	40	28	31	22	32	35	34	34	37	35	41	31	26	22	36	29	27	34	42	33	27	35	25	35	49	61	53	41	37	40	26	34.8
Corning	Maximum	44	37	30	39	35	34	35	43	42	52	53	46	31	49	65	55	65	55	45	38	40	43	55	60	65	74	69	47	44	42	50	47.8
	Minimum	36	24	23	17	28	30	30	22	31	34	35	29	20	16	32	26	29	30	32	28	25	37	25	30	50	55	45	40	34	38	28	30.9
Crossett	Maximum	65	59	49	51	43	43	42	38	43	57	63	63	58	68	73	69	66	71	71	61	52	60	62	62	80	77	70	61	42	44	57	58.7
	Minimum	47	25	29	28	31	30	32	34	34	28	46	27	24	26	40	39	26	36	36	43	32	45	28	35	55	62	58	36	36	38	26	35.9
Dardanelle.......	Maximum	51	47	46	41	40	39	42	41	44	47	57	56	46	53	69	64	68	67	67	56	38	53	59	59	72	72	70	49	43	52	49	53.5
	Minimum	40	29	31	24	31	34	32	34	35	36	41	30	26	25	32	27	26	34	43	36	28	31	25	35	46	59	46	40	35	38	29	34.1
De Queen.... ..	Maximum	55	69	61	42	41	42	47	48	47	47	59	54	61	70	61	60	68	64	61	58	45	57	58	55	73	73	71	45	43	56	53	56.3
	Minimum	41	41	35	27	33	33	34	28	35	37	28	28	29	37	29	30	26	32	33	45	30	35	27	34	49	64	44	35	33	31	31	34.5
Des Arc	Maximum	50	45	48	..	.	..	..	..	44	45	57	62	51	53	71	66	64	65	57	57	41	53	57	57	73	73	70	63	44	53	53	56.6
	Minimum	38	32	30	25	33	33	35	32	37	35	35	31	27	24	40	33	34	36	41	33	29	38	27	35	53	63	59	42	38	40	30	36.1
Devils Knob.......	Maximum	43	37	33	35	32	32	31	30	32	42	48	43	42	55	54	48	61	55	52	49	30	41	51	50	58	61	61	36	31	43	47	44.0
	Minimum	29	21	22	23	26	25	25	27	25	30	35	31	25	28	45	20	32	39	43	25	21	29	37	40	44	56	36	31	28	28	28	30.8
Dumas	Maximum	57	49	49	46	41	47	40	39	44	54	54	59	49	66	71	66	66	66	70	61	45	57	55	62	78	72	69	62	46	48	57	56.3
	Minimum	40	29	33	24	35	31	34	34	35	32	34	32	26	25	46	37	31	33	37	32	32	44	30	30	56	57	58	44	40	39	32	36.2
El Dorado	Maximum	62	58	57	51	48	53	46	44	47	56	52	59	60	67	72	70	68	71	66	59	52	51	62	75	79	77	78	60	52	46	58	60.2
	Minimum	35	31	34	36	36	34	31	29	30	36	45	28	30	28	45	33	34	38	48	39	32	40	31	40	45	44	39	39	36	34	31	35.9
England......... .	Maximum	52	44	38	40	38	37	37	37	43	46	56	64	42	52	57	65	62	62	68	67	40	46	50	58	65	72	66	60	45	52	47	52.2
	Minimum	37	28	30	25	32	32	32	31	33	31	37	31	25	22	36	31	30	36	36	32	28	35	38	36	52	54	57	40	37	38	29	34.5
Eureka Springs ...	Maximum	45	37	41	36	35	34	33	34	37	62	52	45	47	63	58	47	66	65	58	49	38	52	59	62	71	65	59	37	34	35	51	48.3
	Minimum	30	22	25	24	29	29	28	30	30	35	34	30	26	24	41	22	37	34	40	26	24	35	34	37	43	57	56	31	30	32	23	31.5
Fayetteville.......	Maximum	45	39	40	39	38	36	37	36	38	51	52	46	54	60	60	49	63	65	60	54	42	51	59	63	68	66	60	38	35	38	56	49.6
	Minimum	31	23	26	25	32	30	29	30	30	37	33	32	29	32	46	23	37	36	48	29	26	38	27	39	47	59	37	30	30	32	24	33.1
Fayetteville Exp. S	Maximum	45	41	41	38	38	36	35	35	38	52	51	47	54	59	61	48	66	64	63	56	42	50	57	60	68	67	58	36	34	37	56	49.5
	Minimum	31	22	26	23	31	30	29	30	30	37	31	32	28	29	46	22	34	33	37	28	25	36	28	36	42	57	36	30	29	31	24	31.7
Fordyce...........	Maximum	57	50	39	40	41	41	38	48	46	51	57	58	..	59	70		65	64	67	62	42	51	..	..	73	75	69	55	43	49	44	53.9
	Minimum	42	30	33	25	33	33	32	32	34	33	38	32	29	25	48	..	33	38	46	35	29	36	..		32	63	53	41	35	37	31	36.0
Fort Smith ....***	Maximum	47	44	42	40	40	38	41	38	45	49	56	48	49	53	64	48	66	59	53	45	38	53	60	51	68	68	59	41	39	44	52	49.6
	Minimum	38	30	35	33	34	34	33	36	36	38	39	35	32	29	39	31	33	41	45	32	31	38	31	41	45	58	41	34	33	34	31	36.1
Gilbert. .... §§	Maximum	46	48	38	36	36	36	35	38	45	50	52	48	65	70	65	56	72	61	49	47	44	60	55	64	69	69	56	44	39	47	56	51.5
	Minimum	32	28	25	18	22	31	30	26	28	34	25	29	22	21	25	24	27	25	25	33	26	27	20	19	22	33	47	35	33	31	23	27.4
Grannis...........	Maximum	51	55	44	39	41	41	47	39	45	45	60	55	56	64	68	62	62	66	64	58	40	55	59	53	72	71	66	45	41	59	50	54.0
	Minimum	38	26	33	27	31	31	31	26	33	35	39	33	26	27	40	28	28	38	49	38	27	34	29	40	48	61	41	32	31	29	30	34.2
Gravette..........	Maximum	47	39	42	37	36	35	37	36	38	53	50	43	54	61	60	48	64	64	60	53	42	52	61	63	69	69	60	35	34	35	56	49.5
	Minimum	31	21	27	23	31	29	29	30	30	37	33	31	28	27	40	20	35	35	46	26	25	37	27	38	43	57	34	29	29	30	25	31.7
Green Mountain. ..	Maximum	45	41	39	36	43	38	31	37	39	50	51	44	36	58	69	59	69	66	53	40	30	49	54	52	62	67	65	65	40	41	46	49.0
	Minimum	35	21	25	22	21	20	21	23	26	33	33	22	19	30	41	31	41	38	32	25	19	25	44	41	49	52	31	31	25	30	32	30.3
Harrison	Maximum	44	41	37	35	34	34	35	36	39	54	51	45	45	68	63	50	67	63	54	43	34	50	53	63	67	67	67	40	36	39	59	48.8
	Minimum	33	24	25	23	29	30	29	31	32	36	30	29	23	23	48	23	35	27	39	27	25	32	25	33	42	59	39	34	31	35	21	31.4
Helena............	Maximum	56	43	39	43	41	42	39	37	41	47	57	54	45	55	70	65	64	61	67	59	45	51	56	62	76	75	69	62	45	46	54	53.7
	Minimum	37	30	30	23	33	31	34	30	28	32	37	33	22	25	46	35	31	40	40	30	28	43	28	40	57	62	58	44	40	39	34	36.1
Highland	Maximum	53	50	43	40	40	38	39	38	44	47	57	54	55	56	65	60	63	62	65	58	41	49	55	55	69	70	61	54	47	54	48	52.6
	Minimum	39	27	33	26	31	33	31	32	34	34	38	36	30	26	45	30	33	39	47	40	27	31	34	39	48	59	46	36	32	35	29	35.5
Hope ....§§	Maximum	55	54	40	40	41	40	40	40	46	56	60	59	57	62	70	53	67	69	67	50	41	55	62	67	77	78	60	42	41	61	53	54.9
	Minimum	27	28	28	27	28	33	33	34	34	35	39	34	29	27	27	33	32	33	34	46	30	30	27	27	45	55	52	39	34	34	31	33.7
Hot Springs.	Maximum	50	53	44	39	39	40	38	38	45	47	59	54	52	62	65	61	65	66	68	61	37	51	59	53	72	72	71	51	38	55	53	53.5
	Minimum	39	32	32	26	32	34	32	34	35	35	36	40	29	25	51	29	39	42	47	36	28	32	34	42	50	63	50	37	34	36	32	36.9
Irons Fork.......§§	Maximum	44	46	36	37	38	34	38	36	44	45	56	52	56	64	64	52	64	64	64	40	42	49	59	59	67	68	51	34	36	52	52	49.8
	Minimum	30	22	30	22	28	30	30	30	30	31	38	24	24	23	25	26	25	31	41	34	27	27	23	24	26	50	49	31	30	30	24	29.5
Jonesboro	Maximum	45	39	32	33	34	35	35	42	45	47	53	48	39	50	65	56	65	58	49	42	42	51	55	63	72	71	68	51	45	43	51	49.2
	Minimum	37	27	26	22	31	32	32	30	37	35	37	35	25	21	42	30	33	37	33	29	26	38	28	33	51	57	50	41	38	38	29	34.2
Lead Hill..........	Maximum	45	42	37	37	35	35	35	37	40	53	50	46	41	58	65	49	67	59	49	43	33	50	59	60	68	68	65	41	38	38	60	48.5
	Minimum	33	25	27	18	29	30	30	32	34	37	28	26	22	20	29	22	24	24	35	27	26	32	20	31	44	47	40	35	33	33	21	29.5
Little Rock. .***	Maximum	48	45	36	40	39	39	39	38	45	51	56	53	43	58	69	47	66	59	62	49	39	52	56	53	73	71	65	45	42	53	50	51.0
	Minimum	33	33	30	26	34	34	33	33	35	34	37	30	28	25	42	32	35	36	42	30	29	36	29	36	50	59	45	40	38	36	32	35.2
Lutherville........	Maximum	46	46	41	40	38	37	40	37	40	49	57	54	50	54	61	55	65	60	53	51	35	52	54	49	69	66	66	45	48	50	48	50.2
	Minimum	35	27	30	25	30	32	23	32	32	33	38	33	28	23	38	25	29	37	45	34	25	30	28	37	45	61	44	36	34	32	26	33.1
Magnolia..........	Maximum	57	62	58	46	49	43	41	41	41	60	60	63	59	69	73	57	69	76	73	68	44	51	65	67	77	79	77	55	41	56	56	59.0
	Minimum	45	29	38	27	35	32	33	34	36	37	46	32	31	28	37	35	33	42	48	44	31	39	28	43	55	65	53	36	34	38	33	38.0
Mammoth Spring.	Maximum	42	40	32	38	36	36	36	39	41	50	49	47	35	57	57	47	67	62	53	39	34	46	55	53	64	73	66	48	41	40	51	47.5
	Minimum	36	24	25	18	28	32	31	24	36	35	32	24	20	18	30	25	28	28	35	29	19	32	23	32	47	55	34	37	35	39	21	30.1
Marianna. ......§§	Maximum	46	34	42	40	37	38	41	42	46	57	54	40	55	68	52	63	62	66	39	51	54	56	66	76	79	66	61	45	47	54	65	53.0
	Minimum	46	31	32	24	25	31	34	33	29	33	35	29	25	24	27	35	29	34	38	35	28	32	28	28	35	62	59	41	40	39	33	34.1
Marked Tree . §§	Maximum	44	37	30	40	37	35	36	40	45	44	54	48	32	51	67	43	64	56	50	36	47	52	53	62	74	71	68	45	41	44	52	48.8
	Minimum	35	28	27	19	21	30	31	30	30	34	35	30	24	20	20	31	28	35	33	33	27	28	28	28	33	58	62	42	39	38	27	31.7
Mena..............	Maximum	49	49	43	36	40	38	42	37	43	45	55	55	55	66	66	57	62	64	61	56	39	51	60	62	67	68	66	42	38	58	51	52.3
	Minimum	38	27	31	27	25	32	31	33	32	33	41	33	26	26	46	29	35	37	48	37	27	32	29	41	46	60	42	33	30	30	28	34.5
Monticello.....***	Maximum	61	51	39	45	41	41	39	37	41	57	60	60	52	66	72	48	67	68	71	58	54	50	61	62	78	76	69	52	43	43	52	55.4
	Minimum	32	29	32	27	36	34	34	33	32	32	36	30	30	28	47	36	33	38	46	31	31	42	30	42	62	64	52	40	39	34	30	36.8
Morrilton ......§§	Maximum	49	48	35	40	40	48	44	43	45	49	56	48	45	57	65	48	69	58	59	50	40	50	58	71	74	70	63	47	50	54	51	52.4
	Minimum	26	31	30	25	32	32	34	34	36	35	37	34	28	24	29	30	28	32	32	38	28	29	26	27	39	61	56	39	37	37	28	33.4
Mountain Home...	Maximum	45	40	36	37	36	36	36	35	41	52	50	45	36	60	65	48	69	59	48	40	33	50	59	52	67	70	60	42	42	42	54	47.9
	Minimum	26	24	25	20	29	30	29	31	33	35	29	27	20	19	36	22	25	27	36	26	24	31	22	32	45	48	39	35	33	33	21	29.4
Mt. Ida	Maximum	51	52	42	40	40	41	41	39	41	49	59	55	54	69	67	65	68	64	69	62	41	54	60	53	71	74	73	47	38	50	50	54.2
	Minimum	39	25	32	20	32	31	32	33	32	35	33	25	20	20	34	29	25	26	41	40	28	32	20	31	46	56	45	36	33	36	24	32.0
Nashville..........	Maximum	55	54	45	41	42	43	45	41	47	51	61	59	56	62	72	60	69	65	68	59	45	55	61	56	..	76	73	49	42	57	52	55.9
	Minimum	42	28	37	28	34	34	32	31	37	36	38	29	30	30	37	32	28	35	49	43	30	35	28	39	..	50	49	39	34	38	33	35.5
Newport	Maximum	46	40	35	37	37	37	37	46	46	50	55	48	39	51	68	58	68	59	50	45	42	51	57	61	77	70	69	49	46	48	50	50.7
	Minimum	38	30	28	22	32	33	33	28	38	36	40	31	25	20	46	31	31	36	37	30	28	38	26	32	44	59	48	41	39	40	29	34.5
Oden....... ..***	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily Temperatures for December, 1942 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	58	56	52	44	43	43	43	43	43	55	65	62	57	65	71	71	70	69	68	62	46	58	64	70	77	76	77	50	42	59	55	58.7
	Minimum	43	26	34	27	35	34	34	30	37	37	41	29	28	28	42	33	26	32	51	44	30	34	27	30	38	48	46	37	34	38	33	35.0
Ozark	Maximum	48	48	49	40	40	38	43	42	43	48	58	48	48	55	64	58	68	61	57	55	40	54	59	53	69	69	69	68	42	42	49	52.4
	Minimum	37	27	32	24	31	34	30	35	33	37	40	28	25	27	30	24	25	31	47	36	28	30	25	41	41	56	57	40	35	29	25	33.5
Paragould	Maximum	45	40	31	34	35	35	35	40	44	47	51	49	39	46	65	58	64	58	49	42	41	50	51	57	69	72	68	62	46	42	48	48.8
	Minimum	35	26	23	19	30	31	31	28	34	34	33	30	22	19	32	28	27	30	30	26	25	37	25	29	48	55	58	40	37	37	28	31.8
Perryville	Maximum	48	47	41	40	39	40	46	40	46	50	57	52	47	57	67	62	70	67	62	56	38	51	60	57	74	71	69	52	43	51	50	53.2
	Minimum	39	28	29	20	31	33	36	32	34	33	39	29	23	21	29	30	23	28	36	35	27	32	24	32	47	55	49	39	35	37	25	32.6
Pine Bluff	Maximum	56	49	40	41	41	41	41	39	46	49	60	58	48	63	71	55	69	65	72	63	42	52	61	63	76	77	68	61	45	53	52	55.4
	Minimum	37	32	32	28	35	35	35	34	33	34	38	36	28	27	47	35	35	39	42	35	31	38	31	37	55	63	59	43	39	40	33	37.6
Pocahontas	Maximum	44	41	33	39	35	36	36	43	42	50	53	43	37	42	65	62	70	66	48	40	39	49	54	57	65	72	67	49	44	43	49	48.8
	Minimum	36	26	24	18	30	31	31	24	35	35	30	30	21	18	31	27	27	30	33	28	25	36	24	31	48	53	47	39	33	38	25	31.1
Portland	Maximum	64	54	45	50	42	44	40	40	40	58	65	64	55	68	72	67	65	68	69	55	51	58	61	64	79	76	69	62	49	45	56	57.9
	Minimum	46	28	34	26	36	30	34	35	34	35	45	32	28	28	43	39	30	36	37	38	32	47	30	40	61	62	57	47	38	38	30	37.9
Prescott	Maximum	56	53	51	41	42	42	40	40	46	54	59	60	56	60	71	70	67	67	67	67	45	54	61	59	75	76	75	53	43	55	53	56.7
	Minimum	43	30	37	28	34	35	33	34	37	36	42	35	29	27	44	34	32	35	47	44	30	34	28	39	51	63	52	41	36	38	31	37.4
Rogers	Maximum	46	37	39	36	38	32	34	34	40	50	49	42	50	60	58	48	54	62	60	54	42	50	60	62	71	66	60	36	34	36	55	46.7
	Minimum	30	21	26	29	29	30	29	30	30	36	37	31	28	29	38	21	29	48	43	26	25	40	28	37	43	50	36	30	29	30	23	32.0
Russellville	Maximum	52	46	44	41	40	39	41	40	44	48	57	54	46	53	69	61	67	64	56	55	37	..	57	56	70	70	69	47	47	50	49	52.3
	Minimum	41	28	32	24	33	35	32	35	37	37	42	28	25	24	30	26	24	29	37	37	28	..	24	33	46	51	41	40	36	39	26	33.3
St. Charles §§	Maximum	49	47	35	43	41	39	39	39	42	48	57	55	43	64	69	46	65	62	68	38	54	52	58	68	75	69	63	46	43	48	56	52.3
	Minimum	31	29	32	25	26	32	33	33	30	32	35	29	27	25	27	33	30	35	36	37	29	29		..	..	..	..	44	39	39	35	32.0
Searcy	Maximum	47	43	37	40	38	38	38	45	46	49	56	50	42	54	66	60	67	59	54	49	40	53	57	58	71	70	68	49	44	53	51	51.4
	Minimum	37	30	29	23	32	34	34	27	31	35	40	33	25	22	37	30	29	36	40	32	28	36	27	32	50	61	48	40	37	39	27	34.2
Sheridan	Maximum	54	49	42	42	40	44	38	42	47	49	58	56	48	60	68	59	67	63	68	62	39	52	59	58	72	74	68	64	49	55	60	55.0
	Minimum	36	25	38	37	38	35	32	32	34	33	33	30	25	22	42	30	30	34	40	35	28	34	28	34	52	52	58	41	37	38	30	35.3
Siloam Springs	Maximum	45	39	40	37	37	34	34	35	36	47	49	46	52	57	57	48	63	59	56	52	38	50	55	55	63	67	56	34	31	35	52	47.1
	Minimum	29	21	26	23	30	28	28	28	29	35	32	30	27	28	45	22	35	35	46	26	25	35	28	37	41	55	33	28	28	28	23	31.1
Stuttgart	Maximum	52	45	36	43	37	40	38	45	43	47	57	55	46	56	71	66	66	60	66	58	42	53	57	70	75	70	68	62	45	50	53	55.9
	Minimum	37	27	29	24	32	32	32	31	29	30	34	29	23	22	41	32	29	37	38	31	28	36	27	34	40	56	56	41	37	38	32	33.7
Stuttgart (near). §§	Maximum	48	45	40	42	41	40	39	43	42	46	56	54	45	54	70	52	63	62	66	42	52	58	58	62	75	70	61	46	44	49	53	52.3
	Minimum	30	26	31	25	25	32	33	32	28	30	34	28	24	23	24	32	29	33	38	42	30	31	27	34	37	58	49	43	38	38	35	32.9
Subiaco	Maximum	51	46	43	40	38	39	43	40	45	48	56	54	51	52	68	62	67	65	58	52	43	51	60	57	72	71	70	48	41	48	51	52.6
	Minimum	39	30	32	26	32	32	31	35	35	37	42	37	29	25	36	29	28	41	45	39	29	29	29	39	43	58	46	39	35	37	28	35.2
Texarkana ***	Maximum	55	59	42	40	42	40	41	41	46	55	60	59	58	65	71	54	68	69	68	58	38	52	60	68	75	75	60	41	40	56	57	55.3
	Minimum	37	32	34	30	36	35	33	35	36	38	38	36	39	30	47	35	36	40	52	36	32	38	33	48	49	60	41	35	34	36	36	38.0
Turnpike	Maximum	45	39	34	34	33	32	30	32	33	42	50	45	42	55	56	54	62	55	50	50	34	51	54	50	62	62	62	38	34	49	43	45.5
	Minimum	29	23	21	23	26	25	25	24	27	29	35	30	24	22	43	20	32	35	41	24	21	28	36	39	43	57	36	30	27	29	28	30.1
Wabash	Maximum	59	51	48	44	48	46	43	44	43	56	60	60	57	63	75	75	67	70	74	74	49	58	60	..	..	..	..	..	..	54	59	57.5
	Minimum	39	31	31	26	35	31	35	34	29	33	37	31	26	25	46	36	31	35	36	32	29	32	30	..	..	..	..	..	34	40	37	33.1
Waldron	Maximum	52	46	42	39	40	39	38	39	48	49	56	51	58	62	66	64	69	65	64	60	44	52	60	56	69	72	70	46	38	43	54	53.3
	Minimum	36	25	33	23	33	33	30	34	33	39	41	28	26	28	44	30	27	32	45	36	30	35	24	35	39	62	44	34	32	35	25	33.9
Warren	Maximum	62	51	47	46	40	43	39	38	42	57	60	60	54	65	70	68	67	67	72	65	45	52	65	62	77	77	78	62	43	42	50	57.0
	Minimum	45	30	36	27	36	35	35	34	35	35	40	32	28	28	48	37	32	35	42	38	32	41	30	38	56	66	59	42	38	40	29	38.0
White Rock	Maximum	43	38	35	35	33	32	38	40	38	41	..	..	..	..	..	..	66	62	50	54	33	53	54	49	61	60	57	35	36	47	47	45.5
	Minimum	27	21	25	24	25	24	25	26	24	30	34	38	27	26	44	19	39	41	44	26	21	30	34	40	43	54	33	27	26	26	30	30.5
Wilson	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Wright	Maximum	51	44	40	39	38	38	35	35	42	45	54	53	53	57	68	65	65	63	66	63	38	58	55	57	71	71	67	61	42	50	48	52.6
	Minimum	38	27	30	23	31	32	31	30	30	31	31	36	24	22	42	31	30	36	38	31	27	34	26	33	51	55	56	39	35	37	27	33.7
Wynne	Maximum	51	40	36	40	41	39	37	44	45	43	56	51	38	54	68	59	65	61	55	45	44	53	56	61	75	72	68	59	45	48	55	51.7
	Minimum	32	28	26	20	31	26	32	30	33	32	35	35	22	19	35	32	28	32	36	29	26	39	27	34	48	59	56	40	37	37	25	32.9

Daily River Stages for December, 1942

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.9	8.5	8.4	8.4	8.2	8.3	8.5	8.6	8.8	8.9	8.8	8.8	8.7	8.5	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.2	8.4	8.7	9.4	9.7	16.9	23.1	23.6	24.3	21.0
Van Buren	do	22	7.2	7.2	7.0	7.0	6.9	6.9	7.1	7.2	7.4	7.4	7.5	7.5	7.4	7.2	7.1	7.1	7.3	7.0	7.0	6.9	6.8	6.9	7.1	7.5	8.0	8.4	17.6	22.3	22.6	23.4	23.1
Danville	Petit Jean	20	4.0	4.0	3.9	3.8	3.7	3.6	4.4	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.4	4.2	4.0	4.0	3.8	3.6	3.6	3.7	4.1	4.3	4.3	4.3	13.9	21.0	22.1	21.3	19.0
Ozark	Arkansas	22	3.5	3.4	3.3	3.2	3.1	3.0	3.0	3.3	3.4	3.5	3.7	3.7	3.7	3.5	3.4	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.5	4.0	4.2	18.0	18.5	18.7	19.0
Dardanelle	do	22	6.3	6.1	5.9	5.9	5.2	5.1	5.1	6.1	6.1	6.2	6.1	6.2	6.6	6.5	6.3	6.2	6.1	6.0	5.9	5.8	5.1	5.1	5.1	5.1	5.1	5.8	6.3	20.3	21.2	21.1	21.1
Morrilton	do	20	2.0	1.7	1.5	1.3	1.2	1.2	1.4	1.6	1.8	1.8	2.0	2.2	2.2	2.0	1.8	1.8	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.2	1.4	1.8	3.8	15.7	17.8	17.8	18.2
Little Rock	do	23	4.0	3.8	3.6	3.5	3.4	3.4	3.4	3.5	3.6	3.8	3.8	4.0	4.1	4.0	3.9	3.8	3.6	3.5	3.3	3.2	3.1	3.2	3.1	3.1	3.2	3.4	4.0	11.6	18.4	19.3	19.5
Pine Bluff	do	25	7.1	7.0	6.9	6.7	6.4	6.5	6.5	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.1	7.0	6.9	6.5	6.4	6.3	6.1	6.1	6.1	6.0	6.0	6.0	6.6	7.5	19.0	21.3	21.9
Gilbert	Buffalo	30	4.1	4.1	4.0	4.0	3.9	4.5	5.0	4.8	4.7	4.7	4.5	5.1	5.0	4.9	4.8	4.5	4.4	4.4	4.4	4.2	4.2	4.0	4.1	4.0	4.1	4.2	23.2	14.3	10.0	7.7	6.8
Black Rock	Black	14	9.8	9.8	9.7	9.7	9.5	9.5	9.5	9.5	9.4	9.1	8.8	8.7	8.5	8.2	7.9	7.8	7.4	7.4	6.6	6.1	6.0	5.8	5.8	5.8	5.7	5.7	6.1	21.9	23.5	22.9	21.5
Heber Springs	Little Red	30	5.7	5.5	5.4	5.2	5.0	5.9	7.5	7.3	7.0	6.6	6.6	6.6	6.4	6.3	5.8	5.6	5.4	5.2	5.1	5.0	4.8	4.8	5.2	5.2	5.4	5.3	9.7	31.6	23.1	11.2	11.3
OzarkBeachMo	White	30	0.8	2.7	2.5	2.1	1.8	1.4	1.2	4.0	4.5	3.6	2.6	2.6	2.6	3.6	2.6	1.8	1.5	1.6	1.8	1.1	1.0	1.4	0.5	0.4	2.6	2.8	13.4	22.0	26.8	23.6	12.9
Cotter	do	21	5.6	5.0	4.6	4.5	4.4	4.4	4.7	4.8	4.7	4.9	4.8	5.3	5.4	5.0	5.0	4.7	5.1	5.1	5.0	4.9	4.9	3.9	3.7	3.6	3.7	3.6	19.7	22.0	26.0	27.5	24.3
Calico Rock	do	18	5.4	5.0	4.3	4.6	4.4	4.8	5.1	5.5	5.2	5.4	5.9	5.8	5.9	5.6	4.8	5.3	5.1	4.9	4.2	4.4	4.0	3.3	3.9	3.8	3.4	3.3	16.5	38.3	34.4	29.7	27.3
Batesville	do	23	10.3	10.0	9.4	8.9	9.0	9.4	9.5	9.9	9.4	9.8	10.4	10.5	10.4	10.3	10.1	9.6	9.7	9.5	9.1	8.9	8.7	8.7	7.8	8.6	8.3	8.0	15.3	32.0	37.6	35.3	33.3
Newport	do	26	14.1	12.9	12.0	11.0	10.5	10.3	10.3	10.3	10.3	10.3	10.3	10.9	10.9	10.8	10.4	10.3	9.8	9.4	8.2	7.9	7.5	7.0	7.0	6.8	6.6	6.6	6.8	19.9	26.3	29.8	31.5
Georgetown	do	21	18.9	13.6	18.1	17.4	16.7	16.0	15.4	15.0	14.8	14.6	14.8	14.1	14.0	13.9	13.7	13.4	13.0	12.7	12.3	11.8	11.3	10.8	10.6	10.3	10.0	9.8	10.0	14.0	18.5	20.1	21.8
Des Arc	do	24	20.5	20.5	20.3	20.0	19.5	19.0	18.5	18.0	17.9	17.9	17.5	16.5	16.5	16.4	16.3	16.1	16.0	15.5	15.0	14.8	13.8	13.6	13.4	13.2	13.0	12.8	12.4	14.8	18.2	19.9	20.9
Clarendon	do	26	23.8	24.0	24.1	24.2	24.2	24.3	24.2	24.0	23.8	23.5	23.3	23.0	22.8	22.6	22.4	22.3	22.1	21.8	21.5	21.2	20.9	20.5	20.2	19.8	19.3	18.9	18.8	19.8	20.6	21.5	22.3
St. Charles	do	25	22.5	22.6	22.7	22.8	23.0	23.1	23.2	23.2	23.3	23.2	23.1	23.0	22.8	22.6	22.4	22.3	22.1	21.9	21.7	21.3	20.9	20.5	20.2	19.8	19.3	18.3	18.7	19.0	19.5	20.0	20.6
Glenwood	Caddo	..	5.5	5.5	5.5	5.5	5.6	6.1	5.9	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.8	5.7	5.7	5.7	5.6	11.6	7.3	6.5	6.1	5.8
Arkadelphia	Ouachita	17	6.5	6.3	6.6	7.0	7.0	7.6	6.4	7.7	7.8	7.5	7.6	6.5	6.0	5.0	6.6	6.1	6.3	6.0	6.5	5.7	5.8	7.2	7.1	6.1	5.8	5.2	5.5	14.6	13.9	13.7	12.6
Boughton	Little Mo.	20	4.2	4.4	4.4	4.3	4.5	5.0	5.8	6.8	6.5	6.0	5.8	5.6	5.6	5.5	5.2	6.0	5.2	5.6	5.4	4.8	4.8	4.8	5.4	6.4	6.3	6.1	8.1	16.8	19.0	19.2	17.0
Camden	Ouachita	26	5.9	5.4	5.9	6.2	6.5	7.1	7.7	8.6	8.4	9.4	9.1	8.6	8.2	7.1	5.1	5.6	6.3	6.5	6.5	6.2	5.7	5.8	5.3	7.1	7.5	7.4	7.8	8.0	15.9	19.8	21.6
Benton	Saline	20	4.7	4.6	4.6	4.6	4.7	7.5	7.6	7.5	7.5	5.5	7.4	7.3	6.8	6.6	7.5	6.4	6.2	6.1	5.9	5.5	4.9	5.0	5.0	5.0	5.1	5.0	10.9	14.0	13.8	10.0	7.7
Index	Red	25	8.2	8.1	8.0	8.0	7.9	7.9	7.8	7.7	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.4	7.4	7.4	7.1	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.2	13.2	16.8	17.6	17.2
Fulton	do	25	8.7	8.5	8.4	8.2	8.2	8.2	8.2	8.2	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.9	7.9	7.9	7.8	7.8	7.6	7.8	7.9	8.5	9.3	9.5	10.4	12.5	17.4	19.1	20.0
Big Lake Outlet	St. Francis	10	7.5	7.3	7.2	7.2	7.1	7.1	7.0	6.8	6.6	6.4	6.3	6.2	6.1	6.0	5.9	6.1	6.0	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.6	5.6	5.8	6.4	6.6	6.8	7.2
St. Francis	do	18	17.3	17.5	17.5	17.5	17.3	16.9	16.7	16.1	15.5	14.8	14.1	13.5	12.9	12.3	11.8	11.5	11.2	10.9	10.6	10.3	9.9	9.8	10.0	10.3	10.1	9.8	10.1	12.3	14.6	15.6	16.2
St. Francis L.L.	do	..	19.8	19.9	20.0	20.1	20.3	20.5	20.5	20.7	20.9	20.9	20.9	20.9	21.0	21.0	21.0	20.9	20.9	20.8	20.7	20.5	20.4	20.3	20.3	20.2	20.1	20.0	20.0	20.1	20.2	20.2	20.2
Marked Tree	do	17	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.4	7.3	7.5	7.6	7.7	7.7	7.7	7.6	7.7	7.6	7.6	7.6	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.5	7.6	7.7	7.7
Parkin	do	28	6.0	6.1	6.1	6.2	6.4	6.8	7.1	7.1	7.0	6.9	7.1	7.2	7.3	7.3	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.7	7.7	7.5	7.5	8.4	9.2	9.6	9.3
Madison	do	32	4.0	4.8	4.9	5.0	5.1	5.3	5.4	5.6	5.8	5.8	6.1	6.4	6.7	6.9	6.9	7.1	6.9	6.9	6.8	6.7	6.6	6.7	6.8	6.8	6.7	6.6	6.8	7.2	7.9	8.4	8.7
Helena	Mississippi	42	22.7	23.2	23.5	23.2	22.6	22.0	21.5	21.1	20.9	21.0	21.6	22.3	22.8	22.9	22.4	21.8	20.8	19.7	18.4	17.1	15.8	14.8	14.1	13.8	13.9	14.0	14.2	14.8	15.7	16.9	19.6
Arkansas City	do	42	17.7	18.5	19.0	19.1	19.0	18.6	18.2	17.6	17.5	17.4	17.4	17.6	18.1	18.5	18.7	18.5	18.1	17.5	16.9	15.8	15.0	14.1	13.3	12.6	12.2	12.0	12.2	12.4	12.7	16.0	18.1

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort SmithWater Plant, Mountainburg; Green Mountain, Calico Rock Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVII   Little Rock, Ark., Year, 1942   No. 13

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GENERAL SUMMARY

Temperatures averaged slightly below normal in Arkansas during the year. The annual mean temperature for the State was 61.0°, compared to the 52 year average of 61.4°. January, February and September had the largest deficiencies in temperature while November had the greatest temperature excess. The coldest month of the year was January with a mean temperature of 38.1°, the warmest was July with a mean of 81.1°. Freezing weather occurred in all months except May, June, July and August. The highest temperature of the year was 106° at Conway on August 1st, the lowest was —21° at Corning and Mammoth Spring on January 8th. The coldest weather of the year occurred on January 8th when approximately half of the stations in Arkansas experienced subzero temperatures. Considering individual stations, Magnolia had the highest annual mean temperature with an average of 65.2° and White Rock the lowest with a mean of 56.5°.

The date of the last killing frost in the northern and western sections was April 1st at most stations and the first killing frost in autumn was October 26th. In the southeastern section the frost-free period extended from March 28th to November 27th. The length of the growing season in 1942 was therefore slightly longer than in an average year.

Annual precipitation totaled 49.71 inches for the State, which is 1.54 inches above the 52 year average. April was the wettest month with a total of 8.42 inches. In July, the driest month, precipitation averaged 1.39 inches. Index measured no rain whatever in July and White Cliffs recorded only a trace. Sheridan reported 13.44 inches in April and Springbank 14.87 inches in August. During a 24 hour period ending at 7 a. m. on August 23d, 6.76 inches of rain was measured at Springbank. From April 6th to May 6th, rain fell in the State almost every day. The greatest annual precipitation reported was 62.64 inches at Mammoth Spring, the least was 36.28 inches at Waldron. Only four stations reported less than forty inches. Annual snowfall averaged 8.3 inches for Arkansas, the greater portion falling during January. Measurements varied from 24 inches at Irons Fork to a trace at Arkansas City.

Several tornadoes occurred in Arkansas during the year. On February 5th, a series of tornadoes occurred over the State, tornadic winds being reported in Pike, Clark, Garland, Hot Spring, Sheridan, Saline, Arkansas and Pulaski counties in the central section, and in Carroll and Randolph counties in the northern part of the State. Property damage was quite extensive, especially in and near Little Rock, where three people were killed and property damage was estimated at $1,000,000. The tornadoes caused about $750,000 damage in other counties. On October 29th, a devastating tornado struck Berryville, Carroll County, killing 29 people, injuring over 100 persons and destroying or damaging many buildings. Property damage exceeded $500,000. On the same date high winds damaged property in Mena, Rogers, Newport and Morrilton.

(Continued on page 78)

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature: Mean	Temperature: Highest	Temperature: Lowest	Precipitation: Average	Precipitation: Average snowfall	Number of days: Precip.01 or more	Number of days: Clear	Number of days: Partly cloudy	Number of days: Cloudy
1891	60.5	108	6	44.49	....	94	180	94	91
1892	60.0	106	−14	57.75	8.7	98	159	98	109
1893	60.7	103	−13	47.91	6.4	75	185	95	85
1894	61.3	108	−22	49.05	5.9	75	176	97	92
1895	59.8	105	−17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	− 2	46.13	3.9	76	178	96	91
1898	61.4	108	− 4	56.82	3.0	89	158	106	101
1899	60.6	112	−25	41.49	6.6	76	170	105	90
1900	62.0	108	− 5	49.03	2.2	92	150	120	95
1901	61.1	116	− 6	35.27	2.9	65	175	111	79
1902	60.5	108	− 2	51.70	8.3	81	150	121	94
1903	59.3	105	−12	44.62	4.3	84	162	107	96
1904	60.5	105	− 5	43.45	2.9	78	169	112	85
1905	59.6	106	−29	62.17	12.1	103	146	107	112
1906	60.3	101	− 7	55.99	4.3	95	156	96	113
1907	61.9	113	− 8	49.73	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	−19	44.05	6.5	83	176	93	96
1910	61.0	105	−13	45.21	11.0	84	172	109	84
1911	62.8	107	− 9	49.54	1.7	95	152	117	96
1912	59.8	106	−16	45.83	7.8	81	171	110	85
1913	61.6	108	− 1	54.01	5.6	89	158	107	100
1914	61.4	110	−11	42.85	8.6	82	149	109	107
1915	60.6	107	− 3	53.08	4.7	82	163	81	121
1916	61.9	107	−16	42.18	6.3	75	191	76	99
1917	59.2	106	−21	40.72	12.1	75	187	74	104
1918	61.4	115	−23	44.64	18.3	75	174	76	115
1919	61.6	113	−10	54.52	8.4	91	166	75	124
1920	60.7	105	− 2	54.28	2.5	90	174	74	118
1921	64.2	107	− 3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	− 8	37.03	7.9	74	193	68	105
1925	63.0	113	− 6	42.19	2.2	74	184	81	100
1926	61.3	110	−17	49.24	6.0	88	175	79	111
1927	63.1	105	− 2	65.85	2.4	99	161	85	119
1928	61.1	105	−10	50.50	0.9	86	183	76	107
1929	60.5	110	−20	46.10	13.9	98	162	83	120
1930	61.7	115	−28	46.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	− 5	51.11	4.4	95	175	85	106
1933	63.2	109	−13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	−11	57.01	3.7	93	154	90	121
1936	62.0	120	−15	34.75	6.1	71	188	85	93
1937	61.1	111	0	55.20	1.9	102	154	90	121
1938	63.6	109	4	48.25	0.3	81	176	95	94
1939	62.7	112	4	50.16	5.1	89	179	89	97
1940	59.3	104	−14	44.85	9.8	97	165	85	116
1941	61.9	107	5	46.28	4.2	96	146	109	110
1942	61.0	106	−21	49.71	8.3	94	153	101	111
Period	61.4	120	−29	48.17	5.6	86	169	93	103

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1942

Month	Temperature, in degrees Fahrenheit: Mean	Departure	Highest	Lowest	Precipitation, inches: Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Sky: Clear	Pt. cloudy	Cloudy	Prevailing direction of the wind
January	38.1	− 3.1	83	−21	3.20	−1.17	6.28	4.4	7	16	7	8	n.
February	41.2	− 2.3	81	− 2	2.97	−0.44	5.63	1.4	8	9	7	12	nw.
March	53.0	+ 0.4	89	18	3.95	−0.65	7.42	2.6	8	15	7	9	n.
April	62.8	+ 1.3	88	20	8.42	+3.44	13.44	0.0	10	11	9	10	s.
May	68.0	− 1.1	100	36	3.89	−0.99	10.06	0.0	8	13	10	8	s.
June	77.2	+ 0.1	104	45	4.54	+0.47	9.91	0.0	11	10	12	8	s.
July	81.1	+ 0.6	105	53	1.39	−2.38	6.60	0.0	3	17	11	3	sw.
August	78.8	− 1.3	106	53	5.94	+2.33	14.87	0.0	9	11	12	8	sw.
September	71.3	− 3.1	100	28	3.52	+0.20	10.44	0.0	7	15	8	7	s.
October	62.8	0.0	90	22	3.19	−0.01	9.97	0.0	5	16	8	7	s.
November	54.5	+ 3.2	88	18	3.83	+0.07	8.74	T.	8	12	5	13	s.
December	42.7	− 0.2	80	16	4.87	+0.65	8.86	0.5	10	8	5	18	n.
Annual	61.0	− 0.4	106	−21	49.71	+1.54	14.87	8.3	94	153	101	111	s

EXCESSIVE PRECIPITATION FOR 1942

Station and date	Maximum amounts of precipitation: 5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min.	100 min.	120 min.	150 min.	180 min.
LITTLE ROCK Oct. 30	0.27	0.50	0.67	0.77	0.81	0.82	0.85	0.89	0.92	1.18	1.32
FORT SMITH											
Aug. 9	0.42	0.76	1.10	1.14	1.16	1.16	1.16	1.16	1.16	1.16	1.16
Sept. 6	0.30	0.57	0.72	0.77	0.92	1.05	1.05	1.05	1.05	1.05	1.05

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Climatological Data for Year, 1942

Stations	Counties[7]	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Alum Fork †	Saline	755	6	60.4	100	July 16	-5	Jan. 8	6	53.30	13.19	April	0.45	July	5.0	93	114	127	124	w.
Arkadelphia	Clark	200	5	61.5	97	June 25§	5	Jan. 8§	47	55.14	10.47	April	0.92	July	4.0	101	176	81	108	nw.
Arkansas City	Desha	145	....	....	....	....	....	....	58	40.45	6.65	Mar.	0.25	July	T	74	188	68	109	......
Batesville Airway	Independence	363	6	60.2	105	Aug. 2	-10	Jan. 8	6	51.09	9.26	April	1.17	July	7.0	110	124	125	116	se.
Batesville Livestock	Independence	571	2	58.6	102	Aug. 1§	-10	Jan. 8§	2	48.08	9.38	April	1.74	Oct.	5.6	83	198	81	86	sw.
Batesville River	Independence	277	....	....	....	....	....	....	43	56.19	9.17	April	1.91	July	10.6	113	182	61	122	......
Bee Branch	Van Buren	650	49	58.0	103	Aug. 2	-14	Jan 8	50	55.61	9.22	Apr.	0.43	July	11.5	88	153	130	82	n
Benton	Saline	285	6	58.7	100	July 15§	-1	Jan. 8	7	53.96	11.01	Apr.	0.47	July	3.6	104	200	91	74	sw.
Bentonville	Benton	1295	37	57.2	98	Aug 2	-4	Jan. 5	37	51.01	7.62	Oct	0.82	July	9.7	116	95	217	53	s.
Bethesda †	Independence	483	....	58.2	102	Aug. 1	-18	Jan. 8	3	49.56	8.60	Apr.	1.78	Oct.	8.5	90	174	122	69	sw.
Big Lake Outlet †	Mississippi	239	....	....	....	....	....	....	12	41.77	5.15	Apr.	0.98	Sept.	4.7	100	160	45	160	......
Black Rock	Lawrence	259	....	....	....	....	....	....	41	46.58	7.35	Aug.	1.29	July	4.5	98	200	25	140	......
Bluff City	Nevada	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Blytheville	Mississippi	252	17	60.8	102	Aug. 2	-9	Jan. 8	17	43.41	6.56	Mar.	0.90	July	4.7	92	185	111	69	s.
Booneville	Logan	465	27	61.5	103	Aug. 2	-9	Jan. 8	28	42.60	6.05	May	1.09	July	14.5	106	143	127	95	s.
Boughton †	Nevada	235	....	....	....	....	....	....	7	49.52	10.62	Apr.	0.51	July	4.0	77	146	94	125	.....
Brinkley	Monroe	198	55	61.3	104	Aug. 2	-2	Jan. 8	55	46.25	6.57	Apr.	1.62	July	2.5	85	138	108	119	s.
Calico Rock	Izard	361	....	....	....	....	....	....	38	51.85	8.21	Apr.	0.94	July	12.4	118	113	51	201	......
Camden	Ouachita	116	51	64.2	101	July 29§	8	Jan. 8	57	44.87	10.61	Apr.	0.30	July	2.8	98	118	132	115	s.
Camp Robinson	Pulaski	450	....	....	101	July 14§	5	Jan. 8§	....	51.10	11.89	Apr.	0.24	July	6.7	93	....	....	....	sw.
Clarendon	Monroe	172	....	....	....	....	....	....	38	50.67	8.62	Apr.	1.08	July	1.5	111	163	69	133	......
Clover Bend	Lawrence	235	3	58.7	101	July 15	1	Jan. 6	3	57.28	9.47	Aug.	2.66	Oct.	.....	89	156	147	62	se.
Conway	Faulkner	309	46	62.6	106	Aug. 1	-9	Jan. 8	59	47.27	8.80	Apr.	0.19	July	15.0	94	194	106	65	s.
Corning	Clay	293	42	59.8	103	Aug. 1	-21	Jan. 8	49	44.05	6.34	Aug.	0.96	July	8.0	101	196	68	101	
Cotter	Baxter	440	....	....	....	....	....	....	15	52.18	8.26	Aug.	1.65	July	17.5	90	165	98	102	......
Crossett	Ashley	175	19	63.4	99	Aug. 1	7	Jan. 8	30	45.72	8.86	Dec.	1.15	Oct.	1.5	84	172	81	109	s.
Danville	Yell	327	....	....	....	....	....	....	26	48.06	5.59	May	2.08	Oct.	11.7	105	125	143	97	......
Dardanelle	Yell	330	33	62.0	103	July 16	-7	Jan. 8	56	49.81	7.95	Aug.	1.50	July	.....	90	75	173	117	s
DeQueen	Sevier	426	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Des Arc	Prairie	204	2	62.5	103	Aug. 1§	-8	Jan. 8	5	52.53	8.53	Apr.	0.87	July	2.4	115	110	56	199	s.
Devils Knob †	Johnson	2350	6	56.6	96	Aug. 2	-5	Jan. 8	6	51.96	7.54	Nov.	1.51	July	20.0	116	180	56	129	se.
Dumas	Desha	162	28	63.9	104	Aug. 2	6	Jan. 8	37	37.28	7.79	Apr.	0.46	July	3.0	89	102	147	116	s.
El Dorado	Union	270	38	65.0	100	July 14§	10	Jan. 8	42	45.07	10.08	Apr.	0.78	July	0.5	93	202	78	85	s.
England	Lonoke	229	35	61.8	102	Aug. 1§	5	Jan. 7	36	45.76	10.94	Apr.	1.04	Sept.	2.0	88	96	195	74	w.
Eureka Springs	Carroll	1465	41	59.5	98	Aug. 2	-6	Jan. 8	42	58.60	8.74	Nov.	1.46	Mar.	13.7	115	214	74	77	sw.
Fayetteville	Washington	1425	5	58.9	97	Aug. 2	-10	Jan. 5	5	54.59	7.11	Apr.	1.40	Mar.	17.5	123	74	145	146	.
Fayetteville Exp.	Washington	1451	51	58.6	97	Aug. 2	-11	Jan. 5	55	56.88	7.11	Apr.	1.38	Mar.	18.2	122	146	128	91	.
Fordyce	Dallas	....	....	63.4	102	Aug. 1	6	Jan. 8	....	52.32	10.61	Apr.	0.96	July	5.5	112	179^{c}	95^{c}	88^{c}	sw.
Fort Smith	Sebastian	448	61	61.7	100	July 26	3	Jan. 5	61	47.31	7.96	Apr.	1.53	Mar.	6.1	107	132	115	118	e.
Ft. Smith Water Plant †	Crawford	793	....	....	....	....	....	....	4	47.78	7.63	Apr.	1.46	Mar.	8.3	91	123	117	125	......
Fulton	Hempstead	260	....	....	....	....	....	....	57	50.29	10.00	Apr.	0.22	July	6.3	84	152	58	155	......
Georgetown	White	200	....	....	....	....	....	....	30	48.63	8.38	Apr.	0.10	July	6.0	89	226	20	119	......
Gilbert	Searcy	600	7	57.6	102	July 16	-20	Jan. 8	17	51.43	11.63	Aug.	1.87	July	10.8	96	217	22	126	......
Glenwood	Pike	547	....	....	....	....	....	....	7	58.88	9.81	Apr.	1.54	July	5.8	102	168	41	156	......
Grannis	Polk	950	22	60.6	102	Aug. 2	-2	Jan. 8	23	55.62	11.27	Apr.	2.32	Oct.	14.0	117	143	92	130	s.
Gravette	Benton	1250	44	58.5	102	Aug. 2	-6	Jan. 5	45	52.24	9.63	June	0.78	July	....	98	234	62	69	sw.
Green Mountain †	Stone	1100	3	59.4	100	Aug. 1	-4	Jan. 8	3	49.64	7.01	Apr.	1.21	July	14.7	95	181	90	94	nw.
Harrison	Boone	1052	41	58.7	102	Aug. 2	-8	Jan. 5	42	47.53	6.84	Aug	1.34	July	10.1	94	186	103	76	sw.
Heber Springs	Cleburne	272	....	....	....	....	....	....	13	56.23	9.21	Apr.	2.06	Oct.	7.0	107	171	97	97	......
Helena	Phillips	300	44	62.1	100	Aug. 2	-1	Jan. 8	70	45.19	7.57	Apr.	0.51	July	1.0	102	124	111	130	ne.
Highland	Pike	491	13	....	....	....	....	....	23	....	....	....	....	....	....	....	....	....	....	......
Hope	Hempstead	375	36	61.6	102	July 15§	6	Jan. 8	72	51.14	12.27	Apr.	1.30	July	5.6	83	86	199	80	sw.
Hot Springs	Garland	760	45	63.1	103	July 15§	3	Jan. 8	51	53.37	9.79	Apr.	1.27	July	10.5	111	169	108	88	s.
Index †	Little River	275	....	....	....	....	....	....	25	46.39	8.40	Apr.	0.60	July	....	60	237	10	118	......
Irons Fork †	Polk	1385	4	57.5	97	June 29	-6	Jan. 8	4	61.59	9.79	Apr.	2.22	Oct.	24.0	123	179	51	135	s.
Jessieville	Garland	750	....	....	....	....	....	....	16	58.36	11.72	Apr.	1.27	July	.....	96	113	143	109	......
Jonesboro	Craighead	345	46	61.1	101	Aug. 7	-6	Jan. 8	47	51.37	7.38	June	0.98	May	3.8	117	84	117	164	sw.
Lead Hill	Boone	650	25	58.0	104	Aug. 2	-19	Jan. 8	36	43.48	6.98	Aug.	1.38	July	10.2	111	179	98	88	sw.
Little Rock	Pulaski	265	63	61.8	101	July 16	6	Jan. 8	63	46.53	10.76	Apr.	0.86	July	6.2	111	112	130	123	sw.
Lutherville †	Johnson	775	44	59.9	102	July 31	-5	Jan. 6§	43	51.22	6.27	Apr.	0.95	July	19.2	93	143	100	122	w.
Madison	St. Francis	209	....	....	....	....	....	....	12	54.05	7.47	Aug.	0.60	July	4.2	88	85	52	241	......
Magnolia	Columbia	315	23	66.0	103	July 20	10	Jan. 8	26	52.94	12.16	Apr.	0.52	July	5.1	71	74	198	93	se.
Mammoth Spring	Fulton	600	37	59.1	102	Aug. 2	-21	Jan. 8	38	62.64	10.06	May	1.96	July	16.2	96	149	130	86	sw.
Marianna	Lee	234	30	61.9	101	Aug. 1§	1	Jan. 8	31	45.42	7.85	Aug.	1.10	Sept.	1.0	75	101	165	99	s.
Marked Tree	Poinsett	229	26	59.6	100	July 16§	-4	Jan. 8	38	42.86	6.39	Apr.	1.11	Sept.	3.3	90	137	108	120	s.
Mena	Polk	1207	50	61.2	101	July 31§	-1	Jan. 8	54	57.73	8.49	Sept.	2.33	Feb.	13.5	123	145	113	107	sw.
Monticello	Drew	273	6	63.7	102	July 15	8	Jan. 8	6	44.12	11.99	Apr.	1.15	Jan.	1.4	104	111	120	134	s.
Morrilton †	Conway	315	26	60.1	101	July 16§	-7	Jan. 8§	23	48.80	8.17	Apr.	1.14	July	6.0	95	112	127	126	se.
Mountainburg	Crawford	712	....	....	....	....	....	....	5	52.48	8.65	Apr.	0.83	Mar.	5.7	85	151	96	118	sw.
Mountain Home	Baxter	800	25	58.5	104	Aug. 2	-14	Jan. 8	30	50.42	8.62	Aug.	1.20	July	14.0	89	174	64	127	w.
Mountain Valley	Garland	788	....	....	....	....	....	....	4	57.35	11.98	Apr.	0.42	July	9.7	69	132	116	117	s.
Mount Ida	Montgomery	702	27	60.2	100	July 15§	-7	Jan. 8	43	57.69	10.36	Apr.	1.91	July	11.9	95	121	120	124	w.
Mulberry †	Franklin	433	....	....	....	....	....	....	4	46.08	6.21	Apr.	2.15	July	11.6	98	163	49	153	.....
Nashville	Howard	350	4	63.2	104	June 29§	12	Jan. 10	4	54.01	9.39	Apr.	1.08	July	5.5	101	214	102	48	e.
Newport	Jackson	231	54	61.6	101	July 31§	3	Jan. 10	59	50.16	8.92	Apr.	0.68	Sept.	3.7	109	151	119	95	n
Oden	Montgomery	800	6	....	....	....	....	....	15	....	....	....	....	....	....	....	....	....	....	......
Okay	Howard	288	14	64.2	102	July 19	5	Jan. 8	14	50.91	8.60	Apr.	1.26	Nov.	6.5	83	159	116	90	s.
Osceola	Mississippi	250	....	....	....	....	....	....	4	46.45	10.03	Aug.	1.09	Sept.	3.9	92	175	106	84	......
Ozark	Franklin	396	45	61.3	103	Aug 2	-6	Jan. 8	47	41.85	6.52	May	1.55	Oct.	....	106	105	103	157	e.
Paragould	Greene	275	4	59.6	100	Aug. 3	-10	Jan. 8	17	48.97	6.57	Aug.	1.31	July	....	115	203	83	79	sw.
Parkin	Cross	222	....	....	....	....	....	....	12	47.65	6.38	Apr.	0.62	July	4.6	81	142	55	168	.....
Perryville	Perry	325	2	61.0	103	Aug. 1	-13	Jan. 8	2	46.18	7.55	Apr.	0.81	July	7.6	78	101	209	55	w.
Pine Bluff	Jefferson	215	54	64.4	105	Aug. 2	7	Jan. 8	55	50.42	12.75	Apr.	0.15	July	4.0	101	139	141	85	sw.
Pine Ridge	Montgomery	840	....	....	....	....	....	....	18	53.38	10.16	Apr.	1.85	Feb.	15.2	99	118	126	121	sw.
Pocahontas	Randolph	309	48	60.0	103	Aug. 2	-14	Jan. 8	49	44.98	6.59	Aug.	1.43	July	7.1	90	165	98	102	sw.
Portland	Ashley	122	36	....	101	Aug. 2	....	....	36	44.99	7.89	Apr.	1.30	Nov.	1.0	90	166	106	93	.
Prescott	Nevada	318	53	64.5	102	July 15§	7	Jan. 8	54	56.07	11.66	Apr.	1.35	Nov.	6.6	107	180	93	92	.
Rogers	Benton	1300	47	57.8	99	Aug. 2	-6	Jan. 8	52	60.80	9.97	Oct.	1.22	July	12.7	111	155	112	98	sw.
Rosebud	Faulkner	680	....	....	....	....	....	....	8	49.58	10.16	Apr.	1.10	July	11.0	88	189	105	71	sw.
Russellville	Pope	526	32	61.3	102	July 31	-10	Jan. 8	30	52.47	7.89	Aug.	1.10	July	5.8	95	....	....	....	s.
St. Charles	Arkansas	175	6	61.6	100	July 15§	4	Jan. 8	9	46.80	8.35	Apr.	0.93	May	3.2	100	139	104	122	n.
St. Francis	Clay	290	....	....	....	....	....	....	15	50.57	7.80	June	1.05	Sept.	8.8	102	172^{c}	14^{c}	176^{c}	......
Searcy	White	245	29	61.0	102	Aug. 2	-11	Jan. 8	32	49.13	9.74	Apr.	0.28	July	6.7	110	189	42	134	se.
Sheridan	Grant	1	....	61.6	102	Aug. 2	1	Jan. 8	1	51.37	13.44	Apr.	0.03	July	14.0	94	79	200	86	sw.
Siloam Springs	Benton	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	......
Springbank †	Miller	240	....	....	....	....	....	....	33	57.04	14.87	Aug.	1.02	Nov.	1.7	89	134	32	199	......
Story	Montgomery	650	....	....	....	....	....	....	18	45.32	8.61	Apr.	1.50	July	8.3	72	196	75	94	s.
Stuttgart	Arkansas	214	52	61.5	103	Aug. 3	4	Jan. 8	55	52.00	11.03	Apr.	2.13	July	5.0	88	225	77	63	s.

Climatological Data for Year, 1942

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Stuttgart Evap	Arkansas	198	6	60.4	99	July 14§	4	Jan. 8	7	46.36	10.47	Apr.	0.59	July	3.8	91	......	......	......	......
Subiaco	Logan	750	45	62.2	105	Aug. 2	−5	Jan. 8	45	41.22	5.47	Dec.	0.58	July	19.7	99	163	87	114	se.
Texarkana	Miller	268	56	64.4	101	July 29§	8	Jan. 8	57	47.57	9.90	Apr	0.64	Nov.	8.0	81	168	98	99	s.
Turnpike†	Pope	2240	6	57.1	95	Aug. 1§	−5	Jan. 8	18	54.55	7.02	Dec.	1.99	July	15.5	126	175	57	133	sw.
Wabash	Phillips	179	3	......	99	July 16§	5	Jan. 10	3	41.46	6.48	Apr.	0.69	July	0.3	75	86	169	110	s.
Waldron	Scott	675	4	60.5	103	July 31	1	Jan. 10	23	36.38	5.35	Apr.	1.16	Feb.	15.1	95	92	188	85	se.
Warren	Bradley	206	46	64.7	103	Aug. 2	9	Jan. 8	48	38.26	8.87	Apr.	0.21	July	2.7	83	78	66	221	sw.
Whitecliffs	Little River	290	..	......	......	......	......	......	36	52.71	8.92	Apr.	T.	July	4.0	61	210	20	135	......
White Rock†	Franklin	2285	6	56.5	94	July 31	−5	Jan. 8	6	55.53	8.10	Nov.	1.10	July	16.3	106	168	87	110	se.
Wilson	Mississippi	237	17	......	104	Aug. 1	−12	Jan. 8§	17	37.42	5.17	Apr.	0.80	July	3.5	65	230	22	113	nw.
Wright	Jefferson	234	3	61.0	99	Aug. 2	4	Jan. 8	3	44.51	10.15	Apr.	0.69	July	5.2	96	166	130	69	se.
Wynne	Cross	167	34	61.2	103	Aug. 1	−8	Jan. 8	34	42.86	5.95	Apr.	1.12	Sept.	5.0	68	165	90	110	s.

Monthly and Annual Precipitation for the Year 1942, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Abbott	2.51	......	2.89	......	1.68	......	5.42	......	5.64	......	5.29	......	1.47	......	2.48	......	2.17	......	2.50	......	4.20	......	4.05	......	40.30	......
Alum Fork Reser.	2.69	......	3.66	......	4.84	......	13.19	......	2.37	......	5.88	......	0.45	......	8.36	......	1.68	......	2.19	......	3.80	......	4.19	......	53.30	......
Arkadelphia	4.22	−0.61	2.91	−0.70	4.78	+0.31	10.47	+5.60	4.29	−0.84	5.51	+0.90	0.92	−2.77	8.12	+4.49	4.63	+1.29	2.75	−0.67	1.70	−1.85	4.84	−0.04	55.14	+5.11
Arkansas City	2.16	−2.39	2.65	−1.67	6.65	+1.45	6.57	+1.37	3.65	−1.32	4.54	+0.92	0.25	−3.39	2.34	−1.62	2.37	−0.58	1.66	−0.96	1.42	−2.36	6.19	+0.21	40.45	−10.34
Batesville Airway.	4.20	......	3.62	......	3.07	......	9.26	......	2.28	......	3.35	......	1.17	......	6.74	......	3.97	......	2.11	......	6.36	......	4.96	......	51.09	......
Batesville, Livestk	4.31	......	3.14	......	2.98	......	9.38	......	2.71	......	3.80	......	2.35	......	3.76	......	1.97	......	1.74	......	5.84	......	6.10	......	48.08	......
Batesville, River	4.88	+0.20	3.83	+0.39	3.76	−0.52	9.17	+4.42	1.99	−3.00	4.09	+0.17	1.91	−1.91	7.99	+3.58	4.57	+0.82	2.09	−1.10	7.45	+4.02	4.37	+0.45	56.10	+7.52
Beaty Lake	4.48	......	4.86	......	6.64	......	6.45	......	2.50	......	4.26	......	0.51	......	6.78	......	2.89	......	5.92	......	3.61	......	4.99	......	53.89	......
Bee Branch	3.58	−0.97	4.13	+1.09	4.95	+0.57	9.22	+4.37	5.10	+0.04	3.30	−1.19	0.43	−2.98	7.72	+3.69	5.68	+2.48	2.00	−1.56	4.80	+1.14	4.70	+0.53	55.61	+7.21
Beech Grove	4.92	......	3.86	......	3.98	......	5.61	......	1.84	......	3.66	......	1.53	......	6.73	......	2.66	......	......	......	......	......	4.39	......	......	......
Beedeville	4.97	......	3.22	......	4.20	......	6.87	......	1.52	......	5.96	......	1.04	......	7.37	......	1.72	......	2.66	......	4.35	......	3.99	......	47.87	......
Benton	4.18	......	2.25	......	3.97	......	11.01	......	4.00	......	4.76	......	0.47	......	9.76	......	2.27	......	3.24	......	2.45	......	5.60	......	53.96	......
Bentonville	1.28	−1.39	2.46	+0.32	1.52	−2.51	7.59	+3.24	2.27	−2.94	7.28	+3.06	0.82	−3.52	4.68	+0.62	5.20	+1.52	7.62	+4.00	7.11	+4.10	3.18	+0.80	51.01	+7.30
Bethesda	2.59	......	2.93	......	3.12	......	8.60	......	1.97	......	3.43	......	2.13	......	4.95	......	6.18	......	1.78	......	5.83	......	6.05	......	49.56	......
Big Lake Outlet	5.11	......	2.84	......	4.26	......	5.15	......	2.31	......	3.86	......	1.28	......	4.47	......	0.98	......	2.61	......	4.58	......	4.32	......	41.77	......
Black Rock	4.48	−0.13	4.16	+0.91	3.31	−1.05	5.52	+0.50	2.54	−2.19	2.98	−0.77	1.29	−2.45	7.35	+3.24	2.55	−1.40	2.63	−0.75	5.93	+2.02	3.84	−0.26	46.58	−2.33
Blue Mountain	2.90	......	1.85	......	1.60	......	5.40	......	4.96	......	2.78	......	1.60	......	2.05	......	1.25	......	......	......	1.30	......	......	......	......	......
Bluff City	1.95	......	2.98	......	5.17	......	5.74	......	4.92	......	3.18	......	0.54	......	4.78	......	4.13	......	2.51	......	1.73	......	......	......	......	......
Blytheville	4.93	−0.99	2.85	+0.07	6.56	+1.22	4.37	−0.19	1.12	−2.80	4.80	+0.74	0.90	−2.32	5.81	+0.90	1.16	−2.29	3.01	−0.51	3.86	−0.37	4.04	−0.30	43.41	−6.84
Booneville (near).	3.45	−0.15	2.18	−0.42	2.88	−1.15	5.86	+1.56	6.05	+0.37	4.88	+0.68	1.09	−2.46	4.13	+0.05	2.97	−0.06	3.46	+0.18	2.96	−0.28	2.69	−0.35	42.60	−2.03
Booneville	4.05	......	2.72	......	3.03	......	5.19	......	6.12	......	3.02	......	1.17	......	......	......	......	......	......	......	2.63	......	3.86	......	......	......
Boughton	3.28	......	2.84	......	4.45	......	10.62	......	6.05	......	4.21	......	0.51	......	6.65	......	4.00	......	2.45	......	1.16	......	3.30	......	49.52	......
Brinkley	3.17	−2.02	3.38	−0.82	6.04	+0.75	6.57	+1.11	2.68	−2.71	3.36	−0.37	1.62	−2.66	4.99	+1.32	2.04	−1.94	4.66	+1.14	2.61	−1.35	5.13	+0.02	46.25	−7.53
Calico Rock	3.16	−1.31	2.00	−0.76	3.11	−0.93	8.21	+3.85	6.92	+2.27	3.98	+0.40	0.94	−2.00	6.08	+1.72	4.74	+1.37	3.41	+0.52	4.22	+0.71	5.08	+1.50	51.85	+7.34
Camden	1.92	−2.32	2.66	−1.19	4.64	+0.01	10.61	+5.83	3.99	−0.73	5.26	+1.05	0.30	−3.71	3.08	−0.20	2.95	−0.26	2.76	−0.23	1.92	−2.02	4.78	−0.39	44.87	−4.66
Camp Chaffee	2.04	......	2.84	......	1.90	......	8.17	......	4.47	......	6.06	......	3.16	......	4.65	......	2.94	......	2.35	......	3.86	......	5.92	......	48.36	......
Camp Marion	4.14	......	3.87	......	4.10	......	11.80	......	4.67	......	3.20	......	0.10	......	4.85	......	......	......	......	......	......	......	......	......	......	......
Camp Robinson.	3.83	......	3.33	......	4.71	......	11.89	......	3.11	......	4.12	......	0.24	......	7.36	......	1.73	......	3.82	......	3.22	......	3.74	......	51.10	......
Carlisle	4.43	......	4.13	......	5.61	......	8.29	......	2.48	......	3.37	......	0.93	......	......	......	......	......	......	......	......	......	......	......	......	......
Clarendon	4.20	−0.44	5.63	+1.71	5.13	+0.19	8.62	+3.31	2.65	−1.91	4.50	+0.91	1.08	−2.51	5.02	+1.34	1.53	−1.91	3.85	+0.61	3.28	−0.57	5.18	+0.13	50.67	+0.86
Clover Bend.	4.83	......	4.26	......	3.43	......	8.08	......	2.88	......	5.93	......	3.68	......	9.47	......	2.69	......	2.66	......	5.03	......	4.34	......	57.28	......
Cold Springs	3.15	......	2.10	......	3.19	......	5.88	......	4.33	......	4.68	......	2.03	......	7.74	......	3.07	......	8.44	......	3.96	......	1.94	......	45.51	......
Conway	3.64	−1.07	3.34	−0.12	4.50	+0.22	8.80	+3.75	3.28	−1.78	5.18	+1.30	0.19	−3.35	5.73	+2.17	3.07	−0.40	2.03	−1.39	3.64	+0.04	3.87	−0.37	47.27	−1.00
Corley	3.96	......	2.96	......	3.09	......	4.59	......	5.75	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Corning	3.99	−0.74	3.24	−0.11	2.37	−1.99	6.17	+1.07	2.79	−1.94	3.96	−0.11	0.96	−2.44	6.34	+2.05	2.82	−0.82	2.43	−0.95	5.67	+1.91	3.31	−0.56	44.05	−4.63
Cotter.	2.18	−1.18	2.40	−0.25	2.17	−0.96	5.67	+1.86	5.23	+0.34	3.86	−1.09	1.65	−1.45	8.26	+4.84	4.13	+0.72	3.34	−0.61	6.29	+3.96	7.00	+3.70	52.18	+9.88
Crossett	1.68	−3.10	1.93	−1.81	5.73	+0.59	5.23	−0.46	2.76	−1.89	8.00	+4.08	1.63	−2.82	5.20	+1.88	2.35	−0.27	1.15	−2.35	1.20	−2.68	8.86	+2.80	45.72	−6.08
Danville	4.69	+0.75	2.49	−0.29	3.83	+0.09	5.47	+1.10	5.59	−0.20	3.03	−1.26	3.02	−0.44	5.28	+1.24	4.44	+1.05	2.08	−1.76	3.13	+0.06	5.01	+1.52	48.06	+1.86
Dardanelle	4.87	+1.25	2.75	−0.13	3.84	−0.14	6.07	+1.92	4.86	−0.33	2.94	−0.74	1.50	−1.59	7.95	+4.32	2.92	−0.37	2.71	−0.69	3.72	+0.41	5.68	+2.11	49.81	+6.02
Denmark	6.06	......	3.75	......	5.23	......	8.16	......	2.48	......	3.52	......	5.23	......	8.63	......	1.58	......	2.31	......	4.60	......	4.24	......	55.82	......
De Queen	......	......	......	......	3.35	......	9.67	......	3.23	......	3.67	......	0.85	......	7.46	......	2.82	......	3.57	......	1.31	......	3.66	......	......	......
Dermott.	2.29	......	2.38	......	6.98	......	7.87	......	3.90	......	3.71	......	0.70	......	4.51	......	2.11	......	1.66	......	0.77	......	5.53	......	42.49	......
Des Arc	3.75	......	4.15	......	5.35	......	8.53	......	2.66	......	3.36	......	0.87	......	7.88	......	2.03	......	4.12	......	3.97	......	5.86	......	52.58	......
Devils Knob	2.93	......	3.29	......	2.86	......	7.06	......	6.27	......	4.54	......	1.51	......	3.99	......	3.95	......	2.67	......	7.54	......	5.35	......	51.96	......
Dumas	1.56	−3.46	2.64	−1.97	4.92	−0.84	7.79	+2.99	3.66	+0.19	3.99	+0.18	0.46	−4.15	2.98	−0.61	0.70	−2.19	1.35	−1.87	1.46	−2.74	5.87	−0.42	37.38	−14.89
Eagle Gap.	2.62	......	2.19	......	3.46	......	7.98	......	8.95	......	5.55	......	2.58	......	5.04	......	3.18	......	2.97	......	8.09	......	4.25	......	57.16	......
El Dorado	3.57	−1.16	2.09	−1.51	4.11	−0.85	10.08	+4.85	4.67	+1.19	4.04	+0.35	0.78	−3.26	6.74	+3.74	2.08	−1.07	1.67	−1.65	1.27	−2.79	3.97	−2.24	45.07	−4.40
Eleven Point	4.99	......	3.01	......	3.07	......	6.47	......	3.11	......	3.74	......	1.44	......	6.00	......	1.32	......	3.55	......	4.90	......	4.36	......	45.96	......
England	3.87	−1.03	3.38	−0.42	5.28	+0.44	10.94	+5.37	2.61	−1.88	2.44	−1.39	2.07	−1.22	3.38	+0.24	1.04	−2.73	2.92	−0.21	2.68	−1.11	4.65	−0.29	45.76	−4.23
Eureka Springs	2.65	−0.55	3.09	+0.63	1.46	−2.52	5.35	+0.43	4.90	−0.69	8.09	+2.71	3.16	−1.14	3.54	−1.43	4.27	+0.05	8.14	+4.43	8.74	+5.64	5.21	+2.41	53.60	+9.97
Evening Shade	5.19	......	3.12	......	3.14	......	9.90	......	3.84	......	4.56	......	2.34	......	5.10	......	2.98	......	2.22	......	4.31	......	6.33	......	54.03	......
Fayetteville	2.34	......	1.94	......	1.40	......	7.11	......	5.61	......	6.20	......	2.68	......	5.52	......	3.73	......	6.21	......	5.31	......	6.54	......	54.59	......
Fayetteville Exp.	2.15	−0.85	2.43	+0.23	1.38	−2.32	7.11	+2.51	5.99	+0.70	6.80	+2.06	2.10	−1.81	6.97	+2.93	4.40	+0.85	6.52	+2.82	5.56	+2.69	5.47	+2.77	56.88	+12.58
Fordyce	1.88	......	2.87	......	5.15	......	10.61	......	3.36	......	4.79	......	0.96	......	4.24	......	5.01	......	3.04	......	5.41	......	5.00	......	52.32	......
Forester	3.27	......	2.50	......	5.00	......	8.80	......	4.00	......	1.60	......	2.30	......	6.90	......	3.00	......	2.10	......	4.26	......	3.83	......	47.56	......
Fort Smith	2.19	−0.35	2.27	−0.29	1.53	−1.48	7.96	+4.02	5.01	+0.19	4.85	+1.13	1.79	−1.58	3.46	+0.18	4.13	+1.14	5.18	+2.19	3.88	+1.01	5.06	+2.80	47.31	+8.46
Ft. Smith WaterPt.	1.52	......	2.13	......	1.46	......	7.63	......	5.10	......	3.42	......	3.17	......	2.87	......	3.73	......	5.26	......	5.18	......	6.31	......	47.78	......
Fulton	2.58	−2.05	1.35	−2.08	5.05	+0.71	10.00	+5.33	5.66	+1.01	2.83	−1.33	0.22	−3.53	8.63	+5.43	4.70	+2.05	3.01	+0.15	1.17	−2.33	5.09	+0.87	50.29	+4.23
Georgetown	4.52	−0.50	4.14	+0.46	4.67	−0.02	8.38	+3.17	2.55	−2.20	3.12	−1.37	0.10	−3.26	6.85	+3.14	1.32	−2.57	3.00	−0.39	3.68	−0.11	6.30	+1.85	48.63	−1.80
Gilbert	2.53	−1.23	2.03	−0.20	2.51	−0.21	4.75	−0.36	5.88	+1.44	2.35	−1.48	1.87	−1.62	11.63	+7.75	3.26	−1.07	4.14	−0.54	3.64	+1.29	6.79	+3.46	51.48	+7.23
Glenwood	3.65	......	2.89	......	5.27	......	9.81	......	4.22	......	4.44	......	1.54	......	6.82	......	8.59	......	2.44	......	2.94	......	6.27	......	58.88	......
Grannis	2.46	−2.34	2.88	−1.38	3.59	−1.35	11.27	+4.97	3.59	−2.84	3.07	−1.95	3.66	−2.59	6.91	+3.27	7.53	+2.71	2.32	−1.90	4.02	−0.10	4.32	−0.56	55.62	−4.06
Gravelly	3.41	......	1.80	......	2.69	......	8.14	......	3.94	......	5.07	......	0.95	......	4.47	......	2.54	......	2.40	......	3.49	......	3.27	......	42.17	......
Gravette	1.54	−1.24	3.72	+1.83	1.39	−2.23	7.66	+3.10	3.28	−2.14	9.63	+4.08	0.78	−3.39	4.18	+0.05	5.15	+1.44	5.47	+1.74	5.77	+2.61	3.67	+1.26	52.24	+7.11
Green Forest	1.82	......	1.70	......	1.32	......	4.39	......	2.91	......	5.74	......	2.10	......	6.97	......	2.54	......	5.65	......	7.21	......	5.62	......	47.97	......
Green Mountain	3.17	......	2.12	......	3.31	......	7.01	......	5.05	......	2.14	......	1.21	......	5.93	......	6.25	......	3.29	......	3.16	......	7.00	......	49.64	......
Greenwood	2.74	......	2.29	......	1.95	......	5.94	......	3.89	......	7.76	......	2.22	......	5.48	......	4.46	......	3.03	......	3.52	......	4.43	......	47.71	......
Harrisburg	4.53	......	2.73	......	4.33	......	5.76	......	2.51	......	5.10	......	1.18	......	5.96	......	......	......	......	......	4.64	......	......	......	......	......
Harrison	1.48	−1.69	2.02	−0.48	1.83	−1.76	5.08	+0.14	5.54	+0.33	3.23	−1.17	1.34	−2.77	6.84	+2.81	2.79	−1.24	3.90	+0.77	6.74	+3.93	6.74	+3.88	47.53	+2.75
Heber Springs	5.17	......	3.76	......	4.08	......	9.21	......	4.41	......	3.37	......	6.60	......	4.95	......	4.01	......	2.06	......	4.82	......	4.26	......	56.28	......

Monthly and Annual Precipitation for the year 1942, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Helena	3.47	-1.69	4.76	+0.87	4.57	-1.14	7.57	+2.47	1.11	-3.58	2.61	-0.75	0.51	-3.19	6.12	+2.30	1.03	-2.05	2.98	0.0	4.80	+0.36	5.66	+0.23	45.19	- 6.17
Henderson	1.95	......	2.48	......	2.31	......	5.93	......	4.91	......	4.03	......	0.70	......	8.47	......	5.97	......	3.51	......	7.66	......	7.30	......	54.62	......
Highland	2.13	-2.45	2.18	-1.19	3.95	-0.42	11.45	+7.31	....	......	....	......	0.55	-3.31	6.27	+2.49	8.78	+5.85	4.20	+1.03	1.25	-2.27	4.75	+0.49	....	......
Hon	2.27	......	2.15	......	2.05	......	6.62	......	4.55	......	5.40	......	3.00	......	4.53	......	....	......	....	......	....	......	....	......	....	......
Hope	2.76	-2.04	1.94	-1.88	4.83	+0.15	12.27	+7.28	6.00	+0.80	2.74	-0.78	1.30	-3.06	6.83	+3.86	3.87	+0.46	2.38	-0.63	1.39	-2.37	4.83	+0.06	51.14	+ 1.95
Hot Springs	3.46	-1.40	1.75	-1.76	3.37	-1.06	9.79	+3.80	3.17	-2.84	6.74	+2.09	1.27	-3.33	7.19	+3.37	4.74	+1.24	3.60	+0.17	2.66	-1.24	4.32	-0.35	53.37	- 1.31
Huttig	1.51	......	1.56	......	5.30	......	6.11	......	3.29	......	5.13	......	2.73	......	3.24	......	2.79	......	1.13	......	1.31	......	5.79	......	39.89	......
Index	2.70	-0.94	3.15	+0.34	2.60	-1.44	8.40	+4.22	3.70	-0.72	3.30	+0.42	0.09	-3.34	5.25	+1.96	6.82	+4.04	2.20	-0.70	2.45	-0.45	5.82	+2.11	46.39	+ 5.50
Irons Fork	3.33	......	3.00	......	5.52	......	9.79	......	4.04	......	4.70	......	3.93	......	9.25	......	8.84	......	2.22	......	3.51	......	3.46	......	61.59	......
Jessieville	3.99	-2.17	3.61	+0.65	6.56	+2.25	11.72	+6.06	2.68	-3.36	6.70	+2.56	1.27	-2.17	7.29	+3.77	3.14	-0.02	1.68	-1.98	4.10	-0.23	5.62	+1.04	58.36	+ 6.50
Jonesboro	5.99	+0.97	3.69	+0.05	4.28	-0.28	6.24	+1.45	0.98	-3.21	7.38	+3.44	1.45	-1.84	6.92	+3.20	2.49	-0.92	2.45	-1.01	5.61	+2.22	3.89	-0.74	51.37	+ 3.33
La Crosse	4.53	......	3.15	......	3.44	......	8.01	......	4.14	......	4.12	......	2.54	......	4.65	......	6.11	......	2.56	......	4.30	......	4.88	......	52.43	......
Lake City	5.61	......	3.29	......	5.66	......	5.26	......	0.92	......	5.30	......	1.35	......	2.74	......	1.37	......	2.62	......	4.65	......	3.55	......	42.32	......
Lead Hill	1.85	-0.86	2.37	+0.13	1.52	-2.12	4.97	+1.03	4.37	-0.46	2.68	-2.57	1.38	-2.07	6.98	+2.74	2.90	-0.16	2.67	-0.47	5.68	+2.92	6.11	+3.42	43.48	+ 1.53
LITTLE ROCK	2.72	-2.01	3.52	-0.32	4.14	-0.48	10.76	+5.57	3.76	-1.02	3.94	+0.18	0.86	-2.64	....	......	...	......	....	......	...	......	....	......	....	......
Little Rock Airway	2.79	+1.94	3.60	-0.24	4.23	-0.39	11.20	+6.01	3.92	-0.86	2.66	-1.10	0.39	-3.11	4.95	+1.20	1.07	-2.10	3.34	+0.63	2.76	-1.43	4.71	+0.57	45.62	- 2.76
Lutherville	4.15	+0.22	4.45	+1.37	3.37	-0.64	6.27	+1.43	6.06	+0.79	4.63	+0.13	0.95	-2.80	5.00	+1.15	3.93	+0.02	3.04	-0.96	4.18	+0.77	5.19	+1.25	51.22	+ 2.73
Madison	4.94	-1.31	5.00	+0.51	6.77	+1.73	6.27	+2.59	2.84	-1.26	4.68	+1.44	0.60	-5.12	7.47	+4.77	2.16	-0.66	4.50	+1.45	3.78	-0.82	5.04	-0.56	54.05	+ 2.76
Magnolia	1.32	-3.24	1.68	-2.11	3.28	-1.18	12.16	+7.32	7.44	+2.97	8.57	+4.75	0.52	-2.94	5.30	+2.26	3.01	+0.58	2.62	-0.23	2.74	-1.29	3.13	-2.16	52.94	+ 4.73
Mammoth Spring	3.86	+0.40	2.94	0.00	3.09	-0.57	7.35	+2.49	10.06	+5.47	7.14	+2.82	1.96	-1.86	7.49	+3.22	3.55	+0.02	4.34	+1.01	6.56	+3.29	4.30	+0.92	62.64	+17.21
Marianna	1.88	-3.01	4.97	+1.03	4.73	+0.06	6.33	+1.78	1.98	-2.30	3.98	+0.51	2.15	-1.32	7.85	+4.59	1.10	-2.41	2.67	-0.58	3.05	-0.45	4.73	-0.06	45.42	- 2.16
Marked Tree	4.32	-1.37	3.00	-0.82	5.12	+0.23	6.36	+1.88	1.89	-2.81	3.90	+0.68	1.26	-2.24	3.41	-0.22	1.11	-1.85	3.25	-0.70	5.43	+1.28	3.81	-0.83	42.86	- 7.27
Marshall	3.26	......	2.74	......	2.94	......	4.97	......	8.15	......	3.56	......	1.96	......	11.94	......	3.15	......	3.64	......	...	......	5.25	......	....	......
Marvell	6.05	......	4.21	......	4.66	......	7.17	......	1.34	......	2.27	......	1.01	......	5.81	......	1.99	......	2.66	......	1.89	......	....	......	....	......
Mena	3.99	+0.05	2.83	-0.99	3.25	-0.98	8.09	+2.38	5.10	-1.14	7.04	+2.04	3.33	-0.47	5.95	+1.61	8.49	+4.57	2.68	-1.40	3.74	+0.12	3.74	-0.28	57.73	+ 5.56
Mena CCC	3.84	......	2.88	......	8.40	......	8.20	......	3.15	......	7.07	......	3.02	......	....	......	....	......	....	......	....	......	....	......	....	......
Monticello	1.15	......	2.97	......	7.42	......	11.99	......	4.20	......	2.09	......	1.29	......	2.87	......	1.45	......	1.43	......	1.24	......	6.02	......	44.12	......
Morobay	2.47	......	2.21	......	4.42	......	10.73	......	4.03	......	4.10	......	1.56	......	4.39	......	0.60	......	1.28	......	0.48	......	3.78	......	40.05	......
Morrilton	4.04	+0.18	3.41	+0.67	4.61	+0.93	8.17	+3.95	2.74	-2.17	3.63	-0.17	1.14	-1.56	5.22	+1.62	4.87	+1.88	2.05	-1.33	3.69	+0.41	5.23	+1.35	48.80	+ 5.76
Mountainburg	1.71	......	2.01	......	0.88	......	8.65	......	6.07	......	5.98	......	2.02	......	3.31	......	4.09	......	5.72	......	5.46	......	6.58	......	52.48	......
Mountain Home	1.41	-1.92	2.08	-0.67	1.88	-1.63	5.65	+0.96	4.54	-0.47	5.14	+0.70	1.20	-2.64	8.62	+4.34	3.30	-1.00	4.25	+0.41	5.90	+3.07	6.45	+3.09	50.42	+ 4.24
Mountain Valley	3.01	......	2.60	......	6.25	......	11.98	......	2.90	......	9.91	......	0.42	......	7.81	......	3.37	......	2.11	......	1.76	......	5.23	......	57.35	......
Mountain View	5.06	......	2.78	......	3.36	......	9.00	......	3.96	......	2.56	......	2.33	......	7.86	......	5.77	......	2.62	......	5.53	......	5.81	......	56.64	......
Mount Ida	3.22	-1.12	2.00	-1.54	5.02	+0.86	10.36	+4.47	3.37	-2.56	7.81	+3.55	1.91	-1.82	6.91	+3.41	5.72	+1.60	2.18	-1.50	4.27	-0.16	4.89	+0.79	57.69	+ 5.98
Mouut Ida CCC	3.22	......	1.51	......	4.64	......	10.24	......	3.45	......	6.49	......	1.59	......	....	......	...	......	...	......	....	......	....	......	....	......
Mulberry	2.33	......	2.64	......	2.37	......	6.21	......	5.49	......	3.36	......	2.15	......	2.43	......	4.21	......	3.08	......	6.12	......	5.69	......	46.08	......
Nashville	2.35	......	2.03	......	4.40	......	9.39	......	5.56	......	4.10	......	1.08	......	5.10	......	9.20	......	4.89	......	1.50	......	4.41	......	54.01	......
Newhope	3.59	......	2.76	......	2.79	......	10.25	......	2.85	......	4.73	......	1.07	......	4.03	......	10.44	......	2.02	......	....	......	....	......	....	......
Newport	5.90	+0.66	2.90	-0.34	4.70	+0.28	8.94	+3.96	2.36	-2.00	4.72	+0.80	1.88	-1.21	6.31	+2.39	0.68	-3.05	2.55	-0.98	4.52	+0.88	4.72	+0.51	50.18	+ 1.90
Nimrod Dam	....	......	....	......	....	......	....	......	....	......	3.96	......	1.06	......	6.19	......	2.18	......	1.86	......	2.84	......	4.99	......	....	......
Odell	1.60	......	1.81	......	1.86	......	10.00	......	5.50	......	4.87	......	2.22	......	4.01	......	4.55	......	6.60	......	6.44	......	5.26	......	54.72	......
Oden	2.44	-2.06	1.26	-2.39	3.73	+0.01	10.44	+4.96	3.95	-0.88	7.47	+3.97	2.27	-1.04	5.98	+2.99	5.41	+2.69	2.03	-0.84	3.11	-1.10	3.59	-0.21	51.68	+ 6.10
Okay	1.99	-3.19	2.17	-1.78	5.18	+1.31	8.60	+4.84	7.04	+2.62	3.01	-0.07	1.81	-2.18	5.80	+3.32	5.48	+2.98	3.77	+0.92	1.26	-3.37	4.80	+0.06	50.91	+ 5.46
Osceola	4.44	-0.50	3.28	-0.16	4.95	-0.14	4.87	+0.41	1.75	-3.46	2.91	-0.47	2.79	-0.68	10.03	+6.81	1.09	-1.75	3.22	+0.42	3.56	-0.83	3.56	-0.72	46.45	- 1.07
Ozark	3.49	+0.40	3.85	+1.15	2.36	-1.49	5.59	+0.97	6.52	+1.15	1.93	-2.52	3.13	-0.06	1.83	-1.98	3.97	+0.38	1.55	-1.72	4.10	+1.01	3.53	+0.14	41.85	- 2.37
Paragould	4.94	-0.34	4.06	+0.33	4.54	-1.24	5.56	+0.84	2.55	-2.25	5.87	+1.81	1.31	-1.77	6.57	+2.60	2.27	-0.50	2.15	-0.80	5.55	+2.10	3.60	-0.93	48.97	- 0.15
Parkin	3.51	-2.81	4.30	+0.24	6.36	+0.96	6.38	+2.36	2.17	-1.35	3.52	-0.23	0.62	-3.14	4.99	+2.11	2.28	-0.68	5.26	+2.12	3.73	-0.36	4.53	-0.69	47.65	- 1.47
Perryville	2.78	-1.62	2.66	-0.76	4.65	+0.79	7.55	+2.29	2.88	-2.86	4.63	-0.27	0.81	-3.44	6.35	+2.30	3.17	-0.33	1.86	-1.64	3.33	-0.27	5.51	+1.53	46.18	- 4.28
Pine Bluff	2.87	-2.32	3.42	-0.49	4.82	-0.35	12.75	+7.24	3.47	-1.20	3.82	-0.10	0.15	-3.41	2.83	-0.60	5.66	+2.05	2.74	-0.56	2.60	-1.40	5.29	-0.27	50.42	- 1.41
Pine Ridge	3.21	-1.39	1.85	-1.69	4.61	-0.14	10.16	+4.70	3.89	-1.38	3.72	-0.77	2.70	-0.93	5.98	+3.60	7.41	+4.44	2.41	-2.27	3.77	-0.48	3.67	-0.78	53.38	+ 2.91
Pocahontas	4.89	+0.84	3.21	-0.13	2.66	-1.70	6.42	+1.57	2.36	-2.52	3.48	-0.88	1.43	-2.68	6.59	+1.74	2.34	-1.34	1.94	-1.50	6.02	+2.51	3.64	-0.39	44.98	- 4.98
Portland	1.36	-3.33	2.58	-1.59	6.48	+1.31	7.89	+3.16	4.80	-0.55	4.00	+0.53	2.56	-1.54	3.73	+0.52	2.54	+0.05	1.90	-0.95	1.30	-2.63	5.85	-0.82	44.99	- 5.34
Prescott	3.01	-1.73	3.21	-0.49	4.75	+0.25	11.66	+6.74	6.95	+1.90	3.33	-0.92	1.79	-2.20	7.81	+4.50	5.47	+2.12	2.63	-0.47	1.35	-2.28	4.11	-0.44	56.07	+ 6.98
Rogers	1.54	-1.12	4.07	+2.20	1.28	-2.12	7.90	+3.46	3.64	-1.42	8.26	+3.14	1.22	-3.22	5.96	+2.06	6.90	+3.11	9.97	+6.74	7.03	+4.11	3.03	+0.69	60.80	+17.63
Rosebud ‡‡	3.84	......	4.03	......	4.44	......	10.16	......	2.75	......	4.42	......	1.10	......	6.60	......	2.10	......	2.18	......	4.51	......	3.45	......	49.58	......
Russellville	5.09	+1.64	2.79	-0.49	3.67	-1.21	7.53	+3.53	5.03	-0.56	3.19	-0.89	1.10	-3.17	7.89	+4.46	1.84	-2.21	4.13	+1.37	4.15	+0.20	6.06	+3.05	52.47	+ 5.72
St. Charles	3.44	......	4.44	......	4.57	......	8.35	......	0.93	......	3.82	......	1.91	......	4.35	......	2.87	......	2.65	......	3.53	......	5.94	......	46.80	......
St. Francis	6.28	+0.14	4.93	+1.50	4.72	-0.68	5.60	+1.54	2.17	-1.78	7.80	+3.82	2.20	-2.12	6.42	+2.18	1.05	-3.91	3.54	-0.48	2.94	-0.84	2.92	-1.45	50.57	- 2.08
St. Paul	1.79	......	2.42	......	2.39	......	9.67	......	6.64	......	4.89	......	2.58	......	6.36	......	3.88	......	3.56	......	9.42	......	5.82	......	59.42	......
Searcy	4.36	-0.43	3.28	-0.05	4.30	+0.24	9.74	+5.41	1.99	-2.45	4.26	+0.26	0.28	-2.63	7.92	+3.87	1.50	-1.93	2.99	-0.15	4.53	+0.65	3.98	-0.26	49.13	+ 2.53
Sheridan (near)	4.18	......	2.97	......	5.32	......	13.44	......	2.90	......	6.37	......	0.03	......	5.31	......	1.22	......	3.30	......	1.99	......	4.34	......	51.37	......
Shirley	4.79	......	3.81	......	3.69	......	8.73	......	4.76	......	3.45	......	1.77	......	8.09	......	3.55	......	2.37	......	4.67	......	4.84	......	54.52	......
Siloam Springs	....	......	3.11	......	1.93	......	7.66	......	3.06	......	5.89	......	0.30	......	3.08	......	5.57	......	5.78	......	6.77	......	3.58	......	....	......
Sparkman	3.36	......	3.18	......	5.13	......	9.89	......	3.71	......	3.79	......	0.17	......	5.59	......	5.55	......	2.52	......	2.19	......	4.73	......	49.81	......
Springbank	2.47	-1.54	1.26	-2.14	4.48	+0.09	11.86	+6.61	4.37	-0.16	5.65	+1.99	1.06	-3.14	14.87	+11.77	3.45	+0.48	2.38	-0.29	1.02	-2.79	4.17	-0.75	57.04	+10.13
Stamps	1.37	......	2.19	......	4.50	......	11.14	......	7.25	......	9.57	......	0.50	......	7.22	......	3.55	......	2.01	......	4.50	......	3.67	......	57.47	......
Stephens	2.23	......	....	......	3.79	......	10.28	......	7.46	......	5.55	......	0.94	......	5.01	......	....	......	1.99	......	1.39	......	....	......	....	......
Story	2.30	-1.72	1.73	-1.73	2.23	-2.05	8.61	+2.45	3.63	-1.44	5.20	+1.57	1.50	-2.10	6.09	+3.25	4.52	+1.58	1.64	-2.21	3.63	-0.33	4.24	-0.85	45.32	- 3.58
Stuttgart	3.71	-1.33	4.36	+0.38	5.91	+0.92	11.03	+5.96	2.24	-2.61	2.48	-1.27	2.13	-1.31	6.18	+2.79	2.73	-0.77	3.20	-0.25	3.33	-0.49	4.70	-0.42	52.00	+ 1.60
Stuttgart (Evap.)	3.46	......	4.45	......	5.04	......	10.47	......	1.41	......	2.61	......	0.59	......	4.70	......	2.22	......	3.38	......	3.36	......	4.67	......	46.36	......
Subiaco	3.60	-0.01	2.24	-0.61	2.77	-0.96	4.36	-0.22	4.81	-0.46	2.37	-1.66	0.58	-2.79	3.11	-0.68	4.59	+1.16	4.28	+0.82	3.04	-0.05	5.47	+2.20	41.22	- 3.26
Sugar Grove	3.98	......	2.45	......	3.49	......	4.81	......	3.34	......	3.58	......	2.66	......	4.41	......	2.69	......	4.13	......	2.92	......	3.20	......	41.66	......
Texarkana	2.35	-1.73	1.39	-1.99	4.78	+0.52	9.90	+4.94	3.72	-0.88	5.84	+1.98	0.70	-3.46	7.66	+4.04	3.75	+1.01	2.13	-1.30	0.64	-2.78	4.71	+0.36	47.57	+ 0.71
Tichnor	3.49	......	3.11	......	4.73	......	9.38	......	2.17	......	2.57	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Turnpike	2.92	-1.64	3.61	+0.59	2.52	-1.97	6.28	+1.02	5.79	+0.07	4.95	+0.05	1.99	-1.74	6.03	+2.00	3.12	-2.03	4.50	-0.81	5.82	+2.01	7.02	+2.77	54.55	+ 0.32
Viola	4.15	......	3.82	......	2.78	......	7.76	......	4.61	......	4.16	......	0.55	......	8.04	......	3.86	......	3.77	......	6.32	......	5.86	......	55.68	......
Wabash	3.00	......	4.63	......	4.22	......	6.48	......	1.27	......	3.91	......	0.69	......	4.01	......	1.42	......	2.95	......	3.89	......	4.99	......	41.46	......
Waldron	2.84	-0.99	1.16	-2.39	1.46	-2.81	5.35	-0.41	3.29	-2.71	4.13	-0.49	2.61	-1.07	5.30	+1.59	1.93	-1.24	2.27	-1.22	3.32	-0.01	2.62	-1.01	36.28	-12.76
Walnut Grove	4.97	......	4.10	......	3.71	......	7.86	......	2.29	......	3.48	......	1.30	......	6.56	......	2.91	......	2.29	......	6.10	......	5.11	......	50.68	......
Warren	0.90	-3.92	2.47	-1.78	4.32	-0.87	8.87	+3.70	4.49	-0.21	3.09	-0.63	0.21	-3.56	4.78	+1.25	0.35	-3.69	1.32	-2.21	1.50	-2.53	5.96	+0.03	38.26	-14.42
Whitecliffs	3.10	-0.80	2.09	-1.06	3.78	-0.41	8.92	+3.88	5.76	+1.38	4.36	+0.80	T	-3.05	5.97	+3.30	4.42	+1.83	6.20	+3.13	1.15	-1.88	6.96	+2.94	52.71	+10.06
White Rock	2.07	......	2.60	......	2.14	......	7.78	......	8.08	......	5.12	......	1.10	......	4.16	......	4.54	......	3.72	......	8.10	......	6.12	......	55.53	......
Wilson	3.84	-1.83	2.78	-0.37	2.44	-2.97	5.17	-0.12	1.97	-3.03	3.39	+0.08	0.80	-3.22	3.90	-0.02	2.20	+0.04	2.79	-0.52	3.84	-0.30	4.30	-0.72	37.42	-12.98
Wright	2.62	......	4.18	......	5.55	......	10.15	......	2.18	......	2.81	......	0.69	......	4.76	......	1.98	......	2.93	......	2.57	......	4.09	......	44.51	......
Wyune	3.55	-1.61	3.52	-0.16	4.36	-0.49	5.95	+0.73	2.25	-2.47	3.69	-0.21	1.30	-2.42	4.46	+0.75	1.12	-2.39	3.64	-0.05	4.79	+0.88	4.23	-0.62	42.86	- 8.06

Monthly and Annual Mean Temperature for the Year 1942, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	37.4	....	40.4	....	51.6	....	61.0	....	66.9	....	76.6	....	80.6	....	78.4	....	71.2	....	63.1	....	53.9	....	44.0	....	60.4	....
Arkadelphia	39.7	....	42.5	....	52.2	....	62.8	....	70.5	....	79.2	....	79.4	....	78.0	....	74.2	....	60.3	....	55.0	....	44.0	....	61.5	....
Batesville (Airway)	36.2	− 2.2	38.6	− 2.2	52.0	+ 1.8	61.2	+ 2.4	67.8	+ 0.8	77.8[b]	+ 2.4	82.4	+ 2.6	78.4	− 0.6	71.0	− 1.6	62.8	+ 2.2	52.8	+ 3.6	40.9	+ 0.9	60.2	+ 0.9
Batesville (Livestock)	36.0	....	37.4	....	51.0	....	60.6	....	66.2	....	75.2	....	80.5	....	76.4	....	69.9	....	60.8	....	51.2	....	38.4	....	58.6	....
Bee Branch	34.0	− 7.0	36.6	− 6.2	49.0	− 2.8	58.1	− 2.9	63.5	− 4.9	75.4	− 1.5	80.0	− 0.6	77.2	− 2.5	69.4	− 4.8	61.0	− 1.5	51.4	+ 0.6	40.6	− 1.4	58.0	− 3.0
Benton	34.5	....	38.8	....	49.4	....	59.5	....	65.6	....	76.2	....	79.5	....	77.4	....	70.0	....	60.2	....	51.6	....	41.4	....	58.7	....
Bentonville	34.0	− 2.2	37.2	− 2.4	47.9	− 0.5	61.2	+ 3.6	63.8	− 1.2	72.8	− 0.6	78.0	+ 0.6	75.4	− 1.4	67.4	− 3.4	59.1	+ 0.2	50.1	+ 1.9	39.0	+ 1.0	57.2	− 0.3
Bethesda	35.6	....	39.0	....	52.0	....	58.9	....	65.1	....	75.4	....	79.8	....	75.8	....	68.6	....	59.4	....	50.5	....	38.0	....	58.2	....
Bluff City	42.6	....	45.4	....	56.8	....	64.6	....	....	....	....	....	82.4[g]	....	81.2	....	73.0	....	65.0	....	....	....	....	....	....	....
Blytheville	35.8	− 6.2	40.2	− 5.0	54.0	+ 2.4	63.2	+ 1.6	69.4	− 0.8	77.6	− 0.2	82.4	+ 0.4	78.0	− 1.6	72.0	− 2.4	62.6	− 0.8	54.2	+ 2.8	40.4	− 2.2	60.8	− 1.0
Booneville	37.4	− 4.4	42.6	− 3.6	52.8	− 0.4	63.6	+ 1.4	68.4	− 1.4	77.6	+ 1.4	81.4	− 0.6	79.9	− 2.2	72.2	− 3.4	63.2	− 0.8	55.4	+ 2.8	43.6	− 0.2	61.5	− 1.0
Brinkley	38.6[c]	− 3.8	42.2	− 2.0	54.4	+ 1.1	63.4	+ 1.4	69.2	− 0.8	78.6	+ 0.8	81.8	+ 0.7	78.2	− 2.2	71.0	− 3.8	62.0	− 0.6	53.8	+ 1.9	42.6	− 1.2	61.3	− 0.7
Camden	41.2[a]	− 2.8	45.3	− 1.9	56.0	+ 1.0	65.6	+ 2.2	71.0	+ 0.2	79.8	+ 1.4	82.4	+ 1.2	82.0	− 1.4	74.1	− 1.4	65.7	+ 1.8	59.4	+ 7.2	47.7	+ 2.7	64.2	+ 1.1
Camp Robinson	36.8	....	39.9	....	51.8	....	59.8	....	66.6	....	....	....	82.3	....	78.8	....	71.6	....	61.8	....	52.6	....	42.0	....	....	....
Clover Bend	35.6	....	38.5	....	50.2	....	59.7	....	65.8	....	76.6	....	80.4	....	77.4	....	69.6	....	59.8	....	51.0	....	39.8	....	58.7	....
Conway	38.3	− 3.9	42.9	− 1.5	55.2	+ 1.4	64.2	+ 2.1	69.9	− 0.1	78.2	− 0.1	83.4	+ 1.4	80.2	− 1.4	73.5	− 1.8	65.4	+ 1.9	55.1	+ 3.2	44.4	+ 1.6	62.6	+ 0.3
Corning	35.8	− 2.4	38.2	− 1.8	52.5	+ 1.8	62.2	+ 2.2	68.6	+ 0.6	77.3	+ 1.3	82.3	+ 2.5	77.4	− 1.1	70.5	− 2.1	61.2	+ 1.2	52.7	+ 4.1	39.4	− 0.5	59.8	+ 0.4
Crossett	41.6	− 4.6	44.8	− 4.6	55.2	− 0.2	64.2	− 0.6	68.9	− 2.9	78.2	− 1.2	82.4	0.0	80.4	− 1.6	72.9	− 2.6	65.6	− 0.2	59.6	+ 5.6	47.3	+ 0.7	63.4	− 1.0
Dardanelle	37.6	− 3.8	42.6	− 2.2	55.6[a]	+ 2.8	65.6	+ 3.3	69.8	0.0	78.8	+ 0.6	82.3	+ 0.3	79.2	− 1.6	72.0	− 3.2	62.8	− 0.6	54.4	+ 2.5	43.8	+ 1.4	62.0	− 0.1
De Queen	....	....	....	....	54.8[c]	....	63.1	....	69.4	....	77.9	....	80.4	....	79.5	....	71.0	....	62.4	....	56.6	....	45.4	....	....	....
Des Arc	38.6	....	43.4	....	55.8	....	64.2	....	70.0	....	78.6	....	82.2	....	79.2	....	71.8	....	63.8	....	56.2	....	46.4[c]	....	62.5	....
Devils Knob	35.0	....	36.0	....	48.0	....	59.4	....	62.8	....	72.4	....	77.8	....	74.1	....	66.7	....	60.2	....	49.4	....	37.4	....	56.6	....
Dumas	41.4	− 3.5	44.3	− 4.7	56.4	+ 1.1	65.6	+ 2.0	71.0	− 0.2	79.4	0.0	84.0	+ 1.7	81.2	− 0.3	73.9	− 2.2	65.0	− 0.2	58.6	+ 4.9	46.2	− 0.4	63.9	− 0.2
El Dorado	43.8	− 2.6	46.6	− 2.4	55.4	− 0.8	65.8	+ 1.0	71.8	+ 0.4	80.7	+ 1.1	83.0	+ 0.6	81.8	− 0.4	74.8	− 2.4	67.2	+ 1.2	61.4	+ 6.2	48.0	+ 1.2	65.0	+ 0.2
England	39.3	− 4.1	43.2	− 3.6	54.6	+ 0.2	63.6	+ 0.8	66.4	− 3.4	78.2	+ 0.2	82.1	+ 0.5	79.3	− 1.5	73.2	− 2.2	63.0	− 1.0	54.4	+ 1.2	43.4	− 0.6	61.8	− 1.0
Eureka Springs	36.6	− 2.0	39.7	− 1.5	51.7	+ 1.6	63.1	+ 4.1	65.2	− 1.2	75.2	+ 0.8	79.9	+ 1.3	78.6	+ 0.2	70.2	− 1.8	51.4	+ 0.6	52.7	+ 1.8	39.9	+ 0.1	59.5	+ 0.3
Fayetteville	34.2	....	38.2	....	50.2	....	62.6	....	65.8	....	74.6	....	78.6	....	77.2	....	69.8	....	60.6	....	53.0	....	41.4	....	58.9	....
Fayetteville Exp.	34.8	− 3.6	39.1	− 1.3	49.8	+ 0.3	62.3	+ 3.9	65.4	− 0.8	74.4	0.0	78.6	+ 0.2	76.2	− 2.0	69.2	− 2.9	60.5	− 0.3	52.8	+ 3.3	40.6	+ 0.6	58.6	− 0.3
Fordyce	41.8	....	44.4	....	56.5[a]	....	65.0	....	70.7[d]	....	78.8[a]	....	82.1[c]	....	80.2	....	73.6[a]	....	66.0[a]	....	57.2[a]	....	45.0[c]	....	63.4	....
Fort Smith	37.6	− 1.9	41.8	− 1.0	52.9	+ 0.3	64.8	+ 3.0	68.8	− 0.8	78.4	+ 0.9	82.4	+ 0.9	80.4	− 0.1	72.5	− 1.5	63.6	+ 0.8	54.6	+ 3.6	42.8	+ 0.7	61.7	+ 0.4
Gilbert	34.0	....	35.8	....	46.8	....	58.6	....	63.1	....	74.8	....	79.6	....	76.4	....	70.6	....	60.0	....	51.8	....	39.4	....	57.6	....
Grannis	39.6	− 2.4	41.0	− 4.6	51.0	− 0.4	60.7	+ 0.3	67.4	+ 0.4	76.6	+ 1.2	79.7	+ 0.3	78.5	− 0.9	70.7	− 2.9	63.2	+ 0.4	55.0	+ 4.6	44.1	− 0.5	60.6	− 0.4
Gravette	34.5	− 2.6	38.2	− 0.9	49.0	+ 3.0	62.3	+ 5.1	64.8	− 0.6	74.3	+ 0.6	78.4	+ 0.6	77.6	0.0	69.4	− 1.4	60.6	+ 0.9	52.4	+ 3.4	40.6	+ 2.4	58.5	+ 0.9
Green Mountain	37.0	....	39.0	....	51.8	....	61.4	....	66.7	....	75.5	....	80.9	....	76.0	....	69.0[a]	....	61.6	....	55.0	....	39.6	....	59.4	....
Harrison	35.6	− 1.3	37.8[a]	− 1.2	50.1	+ 1.5	61.8	+ 4.3	64.9	− 0.9	75.0	+ 1.6	79.5	+ 2.1	76.8	− 0.2	69.4[a]	− 0.8	60.9	+ 1.5	52.2	+ 3.5	40.1	+ 2.1	58.7	+ 1.0
Helena	39.2	− 4.0	41.8	− 3.3	54.2	+ 0.6	63.8	+ 1.1	69.4	− 1.4	77.6	− 0.8	81.5	− 0.1	78.5	− 2.1	72.2	− 3.2	65.0	+ 1.4	56.6	+ 3.6	44.9	+ 0.3	62.1	− 0.6
Highland	41.6	− 4.1	42.6	− 5.0	53.8	− 2.0	62.0	− 0.5	....	....	....	....	....	....	81.4	− 1.9	....	....	....	....	56.6	+ 3.1	44.0	− 3.7	....	....
Hope	38.5	− 5.1	42.1	− 6.3	53.2	− 3.4	62.4	− 1.6	68.3	− 2.7	78.4	− 0.6	81.4	− 0.4	79.2	− 3.2	72.5	− 4.1	62.8	− 3.1	55.6	+ 1.4	44.3	− 2.7	61.6	− 2.8
Hot Springs	42.6	− 1.0	44.1	− 2.9	56.4	+ 2.9	64.7	+ 1.9	69.9	+ 0.1	77.6	− 0.6	82.4	+ 0.6	80.0	− 1.1	72.4	− 3.3	65.6	+ 1.2	56.1	+ 3.3	45.2	+ 1.1	63.1	+ 0.2
Irons Fork	36.2	....	38.6	....	48.8[a]	....	59.1	....	63.3[b]	....	73.0	....	76.0	....	75.2	....	68.6	....	59.2	....	52.8	....	39.6	....	57.5	....
Jonesboro	37.5	− 3.1	39.7	− 2.7	53.8	+ 1.6	62.9	+ 1.5	69.0	− 0.5	78.1	+ 0.6	82.4	+ 1.8	78.0	− 2.1	71.8	− 2.7	63.2	+ 0.6	54.6	+ 3.4	41.7	+ 0.3	61.1	− 0.1
Lead Hill	33.2	− 5.2	38.1	− 0.3	48.6	− 0.2	61.4	+ [illegible]	65.2	− 2.2	74.8	− 0.6	79.5	− 0.7	76.5	− 2.3	68.8	− 3.4	59.8	− 1.0	51.3	+ 2.9	39.0	− 0.8	58.0	− 0.1
Little Rock	39.8	− 1.6	42.0	− 2.9	54.1	+ 1.1	63.2	+ 1.1	68.8	− 1.5	78.2	+ 0.8	82.6	+ 1.7	79.4	− 0.4	72.4	− 1.7	63.8	+ 0.2	54.3	+ 2.2	43.1	− 1.1	61.8	− 0.2
Lutherville	36.6	− 3.7	40.0	− 2.4	51.6	0.0	62.6	+ 2.3	66.3	− 1.7	75.9	− 0.2	79.9	− 0.2	78.0	− 1.7	70.8	− 3.2	63.0	+ 0.7	53.0	+ 2.0	41.6	+ 0.2	59.9	− 0.7
Magnolia	45.2	− 2.4	47.0[b]	− 4.4	59.3	+ 2.5	68.3	+ 3.7	73.0	+ 1.6	80.8	+ 1.4	82.8	+ 0.2	83.6	+ 1.1	76.2[b]	− 0.4	67.0	+ 0.1	60.0	+ 5.0	48.5	+ 0.5	66.0	+ 0.8
Mammoth Spring	34.4	− 3.4	38.5	− 1.8	51.8	+ 2.0	62.0	+ 2.8	67.2	+ 1.2	76.1	+ 1.7	81.0	+ 2.4	77.0	− 0.5	70.0	− 1.4	60.6	+ 1.4	51.3	+ 2.6	38.8	− 0.6	59.1	+ 0.6
Marianna	39.0	− 3.5	42.6	− 3.2	54.3	+ 0.3	63.6	− 1.3	69.0	− 1.2	77.8	− 0.8	81.6	+ 0.4	78.6	− 1.4	72.7	− 1.4	64.1	+ 0.6	56.0	+ 3.7	43.6	− 0.1	61.9	− 0.6
Marked Tree	35.3	− 4.2	37.7	− 5.9	50.8	+ 0.4	61.2	0.0	67.8	− 1.2	77.6	− 0.4	81.7	+ 0.6	77.9	− 1.3	71.1	− 2.5	61.8	+ 0.6	52.6	+ 3.4	40.0	− 1.2	59.6	− 1.0
Marshall	....	....	....	....	....	....	....	....	....	....	....	....	78.0	− 1.1	76.6	− 2.6	69.8	− 2.2	60.4	− 1.0	....	....	39.6	− 2.8	....	....
Mena	39.4	− 2.2	42.1	− 2.1	53.2	+ 0.9	63.6	+ 2.1	68.4	− 0.2	76.8	+ 0.2	80.2	0.0	78.6	− 1.3	71.2	− 2.8	62.8	− 0.2	55.3	+ 3.1	43.4	+ 0.8	61.2	− 0.2
Monticello	41.8	....	43.8	....	55.2	....	65.0	....	69.9	....	79.1	....	82.8	....	80.6	....	74.2	....	67.6	....	58.5	....	46.1	....	63.7	....
Morrilton	35.0	− 6.3	40.2	− 5.2	51.0	+ 0.2	61.3	+ 0.9	68.0	− 1.0	77.8	− 0.8	81.1	− 1.8	78.2	− 3.5	71.3	− 3.7	61.7	− 1.5	52.5	+ 1.6	42.9	− 0.8	60.1	− 2.0
Mountain Home	35.0	− 3.1	38.6	− 3.7	50.1	+ 0.1	62.2	+ 3.3	66.0	− 0.1	75.4	+ 0.4	79.4	+ 0.2	76.5	− 1.5	69.0	− 2.7	59.6	− 0.9	52.0	+ 3.4	38.6	− 1.8	58.5	− 0.6
Mount Ida	38.4	− 3.0	41.6	− 4.0	52.4	+ 0.2	62.4	+ 1.2	67.6	− 0.4	76.4	+ 0.4	79.2	− 0.8	77.4	− 2.0	69.8	− 3.4	60.6	− 1.2	53.6	+ 3.0	43.1	+ 0.3	60.2	− 0.8
Nashville	41.2	....	44.5	....	54.9[b]	....	64.0	....	69.8	....	79.8	....	81.8[a]	....	81.2	....	73.2	....	64.7[a]	....	57.4	....	45.4[a]	....	63.2	....
Newport	38.8	− 1.0	41.1	− 0.9	51.6	+ 2.3	63.7	+ 1.7	69.4	− 0.4	77.9	0.0	82.2	+ 0.9	78.8	− 1.2	71.3	− 2.9	63.3	+ 1.3	55.1	+ 4.1	42.6	+ 0.4	61.6	+ 0.4
Oden	39.4	....	41.5	....	56.0[a]	....	63.1	....	67.4	....	76.6	....	79.6	....	75.8	....	71.2	....	62.7	....	54.2	....	....	....	....	....
Okay	42.2	− 2.6	45.9	− 3.4	56.9	+ 0.6	65.3	+ 1.2	71.2	+ 0.5	80.0	+ 1.0	82.4	− 0.5	82.0	− 0.8	74.3	− 2.9	65.0	− 0.8	58.6	+ 5.9	46.8	− 0.2	64.2	− 0.2
Ozark	37.2	− 3.6	42.4	− 1.0	52.8	+ 0.4	64.1	+ 2.1	67.2	− 2.4	77.8	− 0.1	81.4	− 0.7	80.7	− 1.0	72.8	− 3.4	62.6	− 0.9	54.2	+ 2.8	43.0	+ 1.8	61.3	− 0.5
Paragould	36.2	....	38.7	....	52.2	....	61.4	....	68.2	....	77.4	....	81.4	....	76.6	....	69.0	....	60.6	....	52.6[d]	....	40.3	....	59.6	....
Perryville	37.6	− 3.1	42.0	− 2.4	54.2	+ 2.7	63.1	+ 2.9	68.6	+ 1.2	77.5[b]	+ 1.9	80.8	+ 1.0	78.6	− 0.6	71.0	− 1.6	62.1	+ 0.4	53.1	+ 2.3	42.9	+ 1.8	61.0	+ 0.6
Pine Bluff	41.4	− 2.5	44.2	− 2.3	57.3	+ 2.5	65.7	+ 2.1	71.0	− 0.4	80.4	+ 1.2	84.6	+ 2.2	82.4	+ 0.6	74.9	− 0.3	66.8	− 2.2	58.0	+ 4.7	46.5	+ 1.4	64.4	+ 0.9
Pocahontas	36.0	− 2.9	38.4	− 3.2	52.4	+ 1.4	61.6	+ 1.4	67.5	− 0.8	77.6	+ 1.0	82.2	+ 1.8	78.4	− 1.0	71.0	− 2.4	62.6	+ 0.9	52.8	+ 2.7	40.0	− 0.2	60.0	− 0.2
Portland	45.8[d]	− 1.2	45.0	− 4.7	56.1	− 0.6	66.0	+ 1.6	70.6	− 1.0	78.8	− 0.6	82.9	+ 1.1	83.2	+ 1.8	....	....	68.2	+ 3.3	60.3	+ 6.0	47.9	+ 0.3	....	....
Prescott	42.2	− 2.4	45.8	− 1.6	57.0	+ 1.4	65.7	+ 2.2	71.4	+ 1.0	80.0	+ 1.2	83.2	+ 1.1	82.4	+ 0.8	74.2	− 2.0	66.1	+ 1.2	58.5	+ 4.3	47.0	+ 1.2	64.5	+ 0.7
Rogers	34.8	− 2.6	37.8	− 1.7	49.0	0.0	61.6	+ 3.1	64.2	− 1.6	73.5	− 0.1	78.1	+ 0.5	76.0	− 1.4	68.4	− 2.8	59.4	− 0.4	51.6	+ 2.6	39.4	+ 0.4	57.8	− 0.4
Russellville	38.0	− 1.6	42.6[c]	+ 1.5	54.2[b]	+ 1.9	62.6[f]	+ 1.6	67.5[g]	− 2.1	78.4[a]	+ 0.8	82.4	+ 1.2	79.4	− 0.5	71.4	− 2.0	62.4	− 4.2	54.0	+ 4.2	42.8	+ 2.3	61.3	+ 0.3
St. Charles	39.0	....	41.4	....	53.8	....	63.5	....	69.2	....	78.4	....	81.8	....	78.8	....	72.6	....	63.4	....	55.2	....	42.2[c]	....	61.6	....
Searcy	38.2	− 2.6	40.8	− 4.3	53.8	+ 1.6	62.8	+ 1.1	68.6	+ 0.1	77.0	− 0.3	81.6	+ 0.6	78.2	− 1.9	71.4	− 2.9	63.0	+ 0.4	54.0	+ 3.0	42.8	0.0	61.0	− 0.4
Sheridan(near)	40.0	....	42.2	....	55.4	....	63.7	....	68.0	....	77.4	....	80.3	....	78.0	....	70.8	....	63.2	....	55.0	....	45.2	....	61.6	....
Siloam Springs	....	....	38.0[f]	....	49.2	....	61.9	....	65.0	....	73.0	....	76.6	....	76.3	....	67.0	....	58.6	....	50.9	....	39.1	....	....	....
Stuttgart	39.2	− 3.8	42.0	− 3.2	54.3	+ 0.5	63.1	+ 0.7	68.0	− 1.9	77.4	− 0.6	81.6	+ 0.4	78.5	− 2.2	71.4	− 3.7	63.2	− 0.2	55.3	+ 2.9	43.8	− 0.2	61.5	− 0.9
Stuttgart (Evap)	37.8	....	40.5	....	52.3[a]	....	61.2[a]	....	68.6	....	76.2[a]	....	80.2	....	77.8	....	71.7	....	61.9[a]	....	53.6	....	42.6	....	60.4	....
Subiaco	38.4[a]	− 3.3	42.8	− 1.0	53.2	+ 0.2	64.6[b]	+ 2.8	68.6[a]	− 1.3	78.8	+ 1.0	83.4[b]	+ 1.4	80.6	− 1.0	72.6	− 2.1	63.8	+ 0.2	55.6[a]	+ 2.8	43.9	+ 1.2	62.2	+ 0.1
Texarkana	43.2	− 3.1	46.0	− 2.4	56.4	+ 0.2	66.4	+ 2.2	71.6	+ 0.2	80.3	+ 1.2	83.2	+ 0.7	81.5	− 0.8	73.4	− 3.4	65.6	− 0.2	58.5	+ 3.3	46.6	− 5.3	64.4	− 0.2
Turnpike	36.4	....	37.0	....	49.2	....	59.5	....	63.2	....	72.8	....	77.4	....	73.4	....	67.4	....	60.8	....	50.0	....	37.8	....	57.1	....
Wabash	39.0	....	42.1	....	54.2	....	63.2[a]	....	69.4	....	77.0[a]	....	81.0	....	78.4	....	....	....	....	....	59.8	....	45.3[c]	....	....	....
Waldron	36.5[a]	....	42.6[a]	....	52.0[a]	....	62.8	....	67.7	....	75.8	....	80.0	....	78.3	....	70.9	....	61.5	....	54.6	....	43.6	....	60.5	....
Warren	42.5	− 2.9	45.5	− 1.7	57.8	+ 1.8	66.0	+ 2.4	71.2	− 0.2	79.6	+ 0.3	83.3	+ 0.9	81.7	+ 0.1	74.8	− 1.3	67.0	+ 2.6	59.4	+ 5.6	47.5	+ 2.3	64.7	+ 0.8
White Rock	35.8	....	36.6	....	49.0	....	59.6	....	63.3	....	71.6	....	76.1	....	73.8	....	66.4	....	58.8	....	49.5	....	38.0[c]	....	56.5	....
Wilson	35.8	− 5.9	40.4	− 4.8	52.3	+ 0.2	63.6	+ 2.6	69.8	+ 0.4	78.4	+ 1.5	81.9	+ 1.1	78.0	− 0.6	72.0	− 1.8	64.8	+ 2.0	56.2	+ 5.7	....	....	....	....
Wright	38.0	....	41.4	....	54.3	....	62.4	....	68.4	....	77.5	....	80.8	....	78.7	....	71.2	....	62.3	....	54.2	....	43.2	....	61.0	....
Wynne	38.4	− 2.6	41.5	− 2.8	54.4	+ 2.8	63.0	+ 1.6	68.4	− 0.9	77.4	+ 0.4	81.2	+ 0.1	78.3	− 1.7	72.0	− 2.5	62.8	+ 0.3	54.5	+ 3.7	42.3	+ 0.3	61.2	− 0.2

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1942

Stations	Jan.			Feb.			Mar.			Apr.			May			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	13.5	4.7	8.0	11.0	5.9	8.3	19.5	6.6	10.2	26.8	5.5	11.8	14.8	5.3	7.9	8.8	4.2	6.1	8.0	4.0	5.1	6.6	3.9	4.7	17.9	4.5	7.3	6.8	4.0	4.9	7.3	4.7	6.3	14.6	5.0	7.7
ArkansasCity	17.8	5.9	12.1	25.0	11.7	19.0	31.0	19.4	24.7	33.8	25.5	30.9	31.4	19.7	23.0	28.4	14.5	20.9	29.5	12.5	23.3	15.4	8.3	12.0	13.3	7.7	11.1	10.8	7.9	9.5	16.8	6.4	12.2	19.1	12.0	16.5
Batesville	14.5	7.2	9.0	16.3	9.5	11.9	14.6	8.1	10.7	25.4	7.9	13.7	17.3	8.9	12.8	13.4	6.6	9.1	6.9	5.1	5.8	10.0	4.6	6.2	10.0	4.4	5.8	9.7	4.2	4.6	21.6	10.9	14.7	37.6	7.8	12.8
Benton	15.2	5.3	7.0	12.0	6.6	8.2	17.6	6.2	8.7	24.7	6.0	9.6	9.8	5.2	6.8	7.7	4.4	6.0	7.0	3.2	4.2	8.4	3.1	4.8	6.0	3.4	4.3	3.9	3.2	3.4	4.6	3.8	4.3	14.0	4.6	6.6
Big Lake Out	10.3	7.3	8.6	12.0	8.5	10.9	12.0	9.6	11.0	14.3	7.9	11.6	10.8	5.3	7.2	6.9	4.7	5.7	5.5	3.4	4.2	6.7	2.6	3.8	6.7	2.8	4.1	3.2	2.6	2.8	7.8	3.2	4.7	7.5	5.6	6.4
Black Rock	15.4	4.2	8.4	13.8	10.8	12.5	16.0	7.5	11.3	23.0	5.4	14.5	16.2	6.4	8.7	17.7	7.5	9.9	7.3	2.5	3.8	12.0	2.4	3.8	7.8	2.0	3.4	6.5	1.5	1.9	14.6	4.0	8.0	23.6	5.7	9.8
Boughton	12.6	5.2	7.2	14.2	5.8	9.0	19.5	5.8	10.5	22.6	5.6	11.4	16.1	4.9	8.9	17.9	4.1	7.1	6.2	3.1	4.1	8.4	3.2	4.5	22.4	3.8	7.8	5.4	3.5	4.0	7.4	4.2	4.9	19.0	4.2	7.1
CalicoRock	6.8	2.2	3.6	11.9	4.4	6.7	7.9	3.4	5.3	19.8	3.0	7.7	12.2	3.7	7.3	8.7	2.5	4.4	2.6	1.2	1.7	4.4	0.8	2.2	3.8	0.8	1.6	4.6	0.6	1.0	16.5	5.0	9.4	38.6	3.5	8.7
Camden	20.8	6.7	12.1	18.9	10.8	14.3	30.2	12.1	20.8	40.2	9.9	24.2	34.3	8.0	21.2	21.9	5.1	10.1	7.2	4.0	5.0	7.8	3.9	5.0	27.0	4.6	10.7	5.0	4.0	4.6	6.9	5.0	6.0	21.6	5.3	8.1
Clarendon	26.5	19.7	24.1	25.6	20.9	24.6	26.9	24.8	26.1	29.3	21.6	26.3	27.9	23.6	26.0	23.3	16.8	19.8	20.2	9.4	13.1	15.5	9.1	11.5	14.9	8.9	11.8	8.8	7.8	7.8	23.7	7.6	19.7	24.3	18.8	22.1
Cotter	6.4	3.2	4.3	9.0	4.3	6.3	8.0	4.0	5.2	16.4	3.3	7.0	8.6	4.1	6.5	8.5	2.3	4.9	3.6	1.8	2.4	3.8	1.6	2.2	2.6	1.4	1.7	10.1	1.4	1.9	13.2	5.5	8.8	27.6	3.6	7.8
Danville	20.0	6.1	9.5	22.3	7.4	12.5	21.6	4.5	12.1	23.2	3.8	9.9	22.0	4.3	9.8	11.8	2.2	4.4	3.0	2.5	2.7	4.9	2.5	2.9	6.5	2.6	3.3	11.5	2.3	2.7	10.8	3.2	5.3	22.1	3.6	6.6
Dardanelle	11.2	5.6	7.0	12.9	7.3	9.5	11.1	6.5	8.5	27.8	5.3	17.2	28.7	7.7	15.6	23.5	5.3	13.3	19.8	5.4	9.5	13.8	4.3	6.5	16.7	5.7	9.6	11.8	6.0	8.1	16.8	6.6	10.8	21.2	5.1	7.8
Des Arc	23.2	12.3	18.5	21.3	17.6	20.5	23.5	18.2	21.6	27.6	13.5	22.4	24.8	18.2	21.7	17.4	11.7	14.8	14.0	4.9	7.7	11.7	4.4	7.2	10.8	4.1	6.9	4.0	2.8	3.2	20.5	3.0	16.8	20.9	12.4	16.7
Fulton	13.2	7.9	9.4	12.9	7.6	10.0	15.8	8.3	11.6	32.7	7.0	22.4	33.3	10.5	22.4	19.1	8.0	13.4	14.7	6.4	8.9	9.5	5.2	7.0	14.6	6.9	9.4	14.0	5.3	9.0	15.3	8.2	11.5	20.0	7.6	9.4
Georgetown	21.7	9.2	15.8	19.6	16.6	18.5	21.1	14.9	19.2	24.8	10.4	19.7	22.1	15.0	19.4	15.0	9.0	12.3	10.7	2.4	5.0	9.9	2.0	4.7	8.6	1.4	4.3	1.3	0.4	0.7	19.0	0.6	15.6	21.8	9.8	14.4
Gilbert	5.9	3.9	4.3	6.3	3.7	4.8	5.6	4.2	4.9	13.4	4.0	5.5	10.6	4.1	5.7	4.5	3.5	4.0	3.4	3.0	3.2	5.8	2.9	3.6	3.9	3.1	3.3	5.2	3.0	3.1	10.4	3.7	5.1	30.5	3.9	5.6
Glenwood	7.1	5.4	5.7	6.5	5.6	6.1	7.4	5.7	6.3	14.4	5.2	6.4	6.4	5.4	5.7	6.4	5.5	5.7	6.0	5.5	5.5	6.3	5.5	5.6	9.8	5.4	5.9	5.6	5.4	5.4	6.2	5.4	5.6	11.6	5.5	5.9
Heber Spgs	15.2	5.8	7.6	12.3	6.9	8.6	16.4	5.1	7.9	32.3	5.2	9.7	11.6	4.8	7.3	4.7	3.0	3.9	3.0	2.0	2.4	9.7	1.9	4.1	8.4	2.8	4.1	2.7	2.0	2.3	15.8	4.2	6.6	32.1	4.8	7.7
Helena	20.9	4.7	13.5	30.3	14.9	23.4	38.2	20.4	29.4	38.2	27.4	34.0	25.3	14.5	20.1	30.8	16.5	23.5	33.1	15.0	26.2	17.9	10.9	14.8	16.6	9.8	12.8	13.9	8.6	11.7	21.7	8.0	13.9	23.5	13.8	19.3
Index	10.8	8.8	9.3	12.6	8.4	9.8	14.2	8.6	10.5	30.0	8.1	20.4	30.4	10.4	18.9	20.0	9.6	13.9	14.6	7.2	9.3	9.8	7.0	7.8	11.9	7.8	9.4	16.0	6.6	9.2	15.4	8.8	11.1	17.6	7.2	8.7
Little Rock	10.6	4.7	6.2	11.3	6.6	8.5	10.5	5.2	7.8	24.2	3.9	14.7	24.8	6.0	13.9	20.6	3.2	10.2	17.9	2.9	7.1	10.3	1.8	3.8	17.0	3.3	6.7	8.6	3.4	5.3	13.9	4.1	8.0	19.6	3.1	5.3
Madison	8.5	4.4	6.9	16.2	7.5	11.4	20.8	13.7	16.2	20.9	15.0	19.2	17.6	6.1	10.1	11.0	4.2	6.6	13.3	2.3	8.1	3.8	1.2	2.3	3.3	1.2	2.4	1.8	0.0	0.8	3.5	0.3	2.0	8.7	4.0	6.4
Marked Tree	8.1	1.8	6.9	7.9	5.9	7.4	8.3	5.9	6.9	8.9	5.5	6.7	7.7	6.1	6.9	7.5	6.4	6.9	7.2	2.2	5.9	5.2	0.8	3.8	6.9	1.0	4.5	3.9	0.3	1.9	6.8	2.9	4.5	7.7	6.9	7.5
Morrilton	8.6	1.5	3.5	10.1	3.7	6.4	8.9	2.4	5.4	24.4	0.8	13.6	25.4	4.2	12.9	20.0	1.1	9.5	17.0	0.9	5.5	10.2	-0.6	2.0	13.1	1.2	5.3	7.8	1.4	3.7	13.2	2.0	7.2	18.2	1.0	3.8
Mulberry	4.3	1.7	1.9	4.2	2.1	2.7	2.6	1.8	2.2	8.3	1.8	3.2	8.5	1.8	3.3	1.8	1.1	1.5	1.2	0.7	0.9	0.8	0.7	0.7	1.1	0.7	0.8	1.2	0.7	0.8	6.1	1.0	2.1	14.0	1.6	2.6
Newport	18.7	5.1	10.5	19.2	12.7	15.5	18.9	9.5	14.6	27.9	6.6	17.8	20.2	8.8	15.2	14.4	6.0	9.6	6.2	1.1	2.9	8.0	0.8	2.7	6.6	0.6	2.5	0.6	-0.4	0.1	21.5	5.5	15.6	31.5	6.6	11.8
Ozark	8.1	3.0	4.1	10.6	4.2	6.2	8.0	3.3	5.4	28.2	2.7	15.1	27.9	4.4	12.3	22.2	2.5	11.2	16.5	2.6	6.4	12.0	1.5	3.9	14.7	3.0	7.2	9.4	3.4	5.4	14.2	3.7	7.9	19.0	3.0	5.3
Parkin	9.5	5.1	7.7	13.8	7.7	10.4	15.8	11.7	13.4	18.7	11.2	15.3	15.7	6.0	9.2	7.3	5.7	6.5	7.7	3.3	5.8	4.3	1.8	3.5	5.1	2.1	4.0	3.1	0.9	2.0	5.6	1.1	3.7	9.6	6.0	7.4
Pine Bluff	14.5	7.4	9.6	14.9	10.0	12.0	14.2	8.5	11.3	27.0	6.7	18.0	27.7	10.8	18.4	23.6	7.2	14.0	22.0	6.3	11.3	14.4	4.9	7.2	17.0	6.8	10.2	12.1	6.4	8.7	17.2	7.4	11.6	21.9	6.0	8.0
St. Charles	25.3	19.4	23.5	24.9	19.7	23.3	25.6	24.8	25.2	27.7	23.7	25.6	27.3	23.7	25.4	23.6	17.0	19.9	20.9	9.8	14.7	14.8	9.2	11.4	....	....	....	8.6	7.3	7.8	22.4	7.6	18.3	23.3	18.7	21.6
St. Francis	16.9	7.0	11.9	19.6	15.9	17.8	18.1	11.7	16.7	20.1	9.0	15.5	11.3	7.2	8.5	16.9	9.9	13.4	12.3	3.8	6.8	13.8	3.6	6.3	8.3	3.3	4.2	3.5	2.3	2.7	17.1	4.1	7.7	17.5	9.8	13.4
St.FrancisLL	21.9	20.7	21.5	23.8	20.9	22.7	23.8	23.2	23.6	24.7	22.5	23.7	23.9	18.9	20.9	20.1	18.5	19.4	24.2	16.2	18.5	18.6	15.0	16.5	18.8	13.7	16.9	19.0	13.9	16.8	19.5	16.6	18.2	21.0	19.8	20.5
Van Buren	11.4	7.0	8.2	15.1	8.3	10.6	13.4	7.6	9.7	31.3	7.0	19.5	30.0	8.2	15.6	26.1	6.6	15.4	20.6	6.4	10.2	16.2	5.6	7.9	19.0	7.0	11.3	14.8	7.3	9.4	18.4	7.4	11.9	23.4	6.8	9.6
Whitecliffs	12.2	3.3	6.1	12.2	3.2	7.6	19.7	5.0	11.9	28.0	3.5	18.4	24.9	5.0	18.8	12.0	2.0	6.2	6.5	-0.9	1.9	4.9	-0.8	1.9	19.5	1.0	5.0	5.1	1.0	2.1	16.1	1.0	6.1	24.3	2.3	6.0

A severe hailstorm occurred in Sevier and Little River counties on May 14th and destroyed growing crops valued at more than $75,000. The storm covered an area of about 20 square miles.

ARKANSAS RIVER

The first flood stages of the year occurred about the middle of April. After falling somewhat during the next few days, further rains forced the river to the highest stages of the year during the last few days of April and early in May. Although the river exceeded flood stage by several feet in the western part of the State, it did not crest as high as in November, 1941. Another rise occurred late in June with crests slightly above flood stage in the western part of the State. Moderate rises occurred again during the first part of November and the latter part of December, but flood stages were not reached.

WHITE AND BLACK RIVERS

The lower portion of the White River was at high stages throughout January, February and March, reaching flood stages occasionally. The Black River was in flood early in January and again about the middle of March. Both the White and Black rivers rose to flood stages about April 10th and the resulting discharge kept the lower portion of the White at high stages until June. The last rise of the year occurred late in December. As the year ended the upper White was considerably above flood stage and the lower White was rising.

OUACHITA AND RED RIVERS

The Ouachita River rose to flood stages four times during the year, once in March, twice in April and once in May. The highest stages were reached in April with a reading of 26.8 feet at Arkadelphia on the 9th and 40.2 at Camden on the 12th.

The Red River was above flood stage at Index and Fulton for about a week beginning April 11th, and again from April 23d to May 5th.

WEATHER BY MONTHS

January:—Somewhat colder and drier than average. A severe cold wave overspread the State about the 8th, with temperatures as low as —21°. Snowfall was above average and afforded some protection to grains and grasses during this cold spell. Some damage to fruit trees by low temperature.

February:—The second coldest February since 1914 although extreme temperatures were not as low as in January. Precipitation was only slightly below normal and was well distributed. Snowfall was light. A series of tornadoes occurred on the 5th from Pike County northeastward to Randolph County. Three people were killed, about 60 injured and property damage exceeded one million dollars.

March:—The month was warmer than normal although the latter half was quite cool, with freezing temperatures and killing frosts at many places on the 31st. More snow fell this month than in any March since 1924. The first half of the month was favorable for farm work but cool weather delayed activities during the latter half. Some garden produce was appearing on the market in southern counties.

April:—Rather cold at the beginning with freezing temperatures in most sections on the 1st. However the month averaged warmer than normal. Precipitation was the heaviest in 15 years with one station reporting over 13 inches. Corn planting began early in the month with some up by the 15th. Cotton planting was delayed with much to be planted as the month ended. Much replanting of crops on lowlands was necessary due to floods.

May:—The month was slightly cooler and drier than normal. Cool, wet weather delayed growth and cultivation of crops during the first three weeks and fields became quite grassy. An excellent strawberry crop was marketed. A severe hailstorm did considerable damage to crops in Little River and Sevier counties on the 14th.

June:—Both temperature and rainfall averaged near normal. Progress of corn and cotton was delayed by the cool wet weather of the second decade and fields became grassy.

(Continued on page 79)

July;—The month was warm and quite dry. This was the driest July since 1930, with many stations reporting less than an inch of precipitation and one station reported none. Dry weather aided in keeping cotton fields clean and controlling insects, and in harvesting hay and grains. Gardens and fruits suffered in some sections.

August;—Cool, wet weather characterized the month. Heavy rains replenished soil moisture which was badly depleted during July. Cotton made fair progress although weevil activity increased. Cotton was opening in the upland sections and picking and ginning were beginning in the southeast. Early varieties af rice were being cut.

September:—The month was quite cool but precipitation was close to normal. Unseasonably cold weather prevailed during the last decade and killing frost did some damage to staple crops in northwestern sections. Precipitation was generally light in the eastern half and above normal in the western section of the State. Conditions were generally favorable for haying and harvesting but too dry in some sections for the growth of late crops and gardens. Cotton picking was in full progress by the 15th. Corn was maturing and being gathered during the latter part.

October:—Temperatures and precipitation averaged about normal. Freezing temperatures and killing frost occurred over much of the State on the 26th and 27th. A good portion of the month's precipitation occurred on the 29th and 30th. On the 29th a severe tornado occurred in Berryville, killing 29 people, injuring over 100 persons and destroying many buildings. Property damage exceeded $500,000. High winds and heavy rains caused considerable damage in other communities on the same date. Cotton picking and corn gathering progressed rapidly and was about completed by the end of the month.

November:—The warmest November in 11 years and one of the warmest on record. Cool weather prevailed after the 21st with temperatures as low as 18°. Precipitation was quite heavy in the northern and light in the southern sections. Favorable weather aided outside farm work. Considerable home butchering was done during the cold weather of the last decade.

December:—Cold, wet weather prevailed during the first half of the month but after the 15th temperatures averaged above normal and conditions generally were much more favorable for outside work. High winds and heavy rains on the night of the 26th caused minor property damage in many localities and resulted in sharp rises in the rivers of the State. B.N.W.

COOPERATIVE OBSERVERS

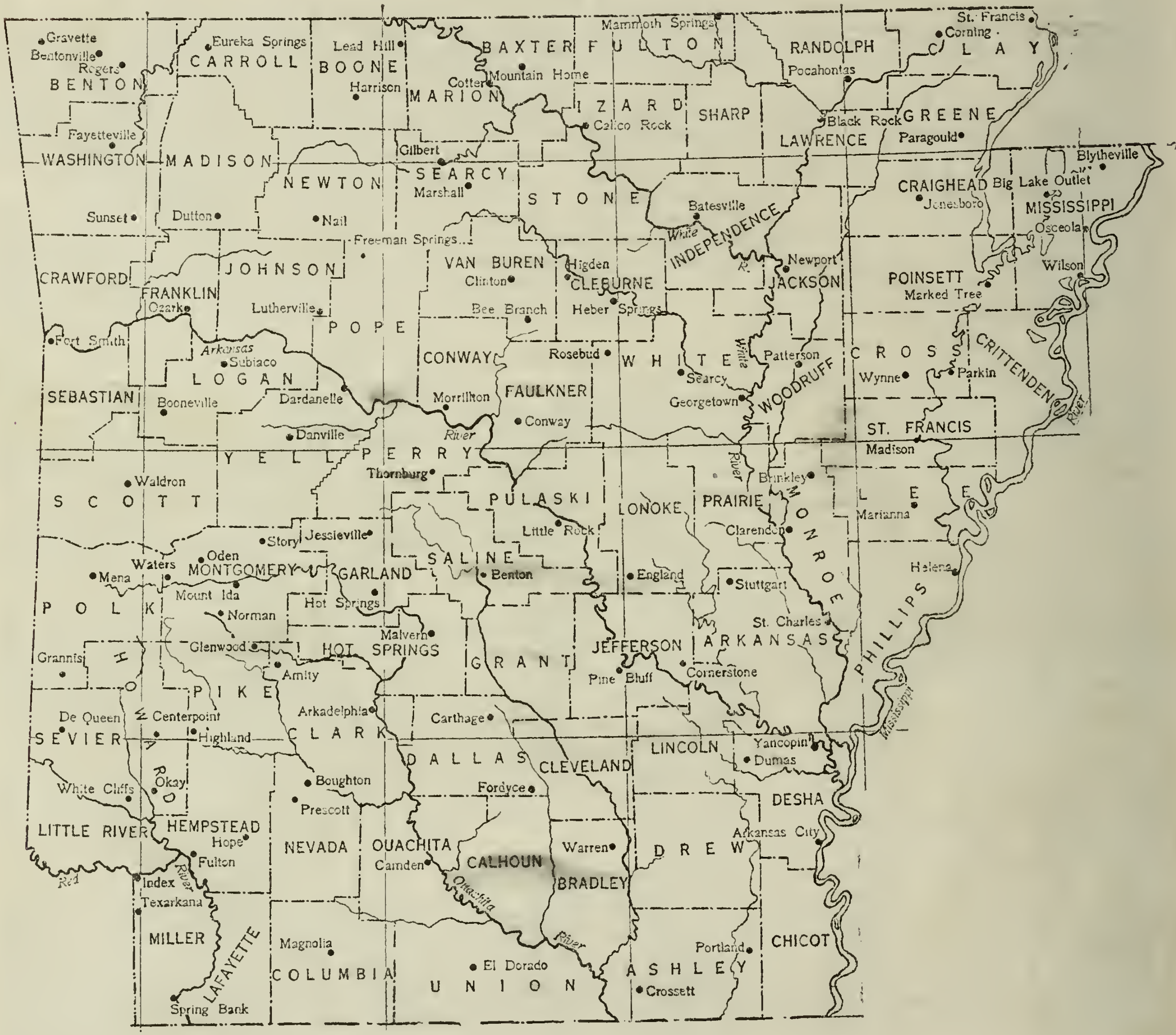
Stations	Observers	Stations	Observers
Abbott	M. L. Satterfield	Irons Fork	U.S.F.S. Exp. Station.
Alum Fork Reser	L. R. Water Works	Jessieville	U. S. Forest Service
Arkadelphia	Mrs. Ted R. Carpenter	Jonesboro	Benedictine Sisters
Arkansas City	Geo. W. Reitzammer	LaCrosse	Pitney O. Wren
Batesville Airwy	Airway Observer	Lake City	Mrs. Tressa Nichols
Batesville Livesk	Universityof Arkansas	Lead Hill	J. H. Crosswhite
Batesville River	Mrs. Ida Barnwell	Little Rock	U.S. Weather Bureau
Beaty Lake(near	L. G. Adamson	Lutherville	Clarence Lenhardt
Bee Branch	Minnie Scanlan	Madison	J. W. Eppes
Beech Grove	Arlie J. Williams	Magnolia	StateAgr. School
Beedeville	Richard C. Roy	Mammoth Spring	Mrs. Johnnie Morton
Benton	S. A. Burks	Marianna	Univ. of Arkansas
Bentonville	U. S. Weather Bureau	Marked Tree	Chas. Walton
Bethesda	Soil Cons. Service	Marshall	A. J. Park
Big Lake Outlet	C. J Brooks	Marvel	Oscar Blankenship
Black Rock	Vernon C. Howe.	Mena	E. W. St. John
Bluff City	Ark. Forestry Com	Monticello	Airway Observer
Blytheville	Maureen K Norris	Moro Bay(near)	U. S. Engineers
Booneville(near)	F. H. Randolph	Morrilton	Mrs. Nova Berry
Booneville	Mary Lee Lowery	Mountainburg	C. A. Lovell
Boughton	Mrs. Ruby Brown	Mountain Home	H. N. Halbert
Brinkley	U. S. Weather Bureau	Mountain Valley	Charles Cockmon
Calico Rock	William Jones	Mountain View	Corbin E. Moody
Camden	J M. Knight	Mount Ida	J. S. Whittington
Camp Chaffee	Black & Veatch	Mulberry	Clifton Ward
Camp Robinson	U. S. Army	Nashville	Brice Carruth
Carlisle	Dale Woosley	New Hope	Otis Pinkerton
Clarendon	R. M. Wheatley	Newport	J. D. Henderson
Clover Bend	Farm Security Adm.	Nimrod Dam	U. S. Engineers
Cold Springs	Rubin Parker	Odell (near)	Mrs Renzo Hurst
Conway	E E Cordrey	Oden	U. S. Forest Service
Corning	Robert D. Polk	Okay	Charles R. Jackson
Cotter	O. B. McSpadden	Osceola	G. H. Bauks
Crossett(near)	U. S Forest Service	Ozark	Orkney O. Milton
Danville	J. M. Patterson	Paragould	J. E. Garrett
Dardanelle	Geo. N. Goodier	Parkin	Carroll King
Denmark	Walter E. Radabaugh	Perryville	Rudolph C Cranford
De Queen	L. D. McCowan	Pine Bluff	Miss Theresa Scheu
Dermott	Kay D. McNeely	Pine Ridge	J. R. Huddleston
Des Arc	Z. R. Glenn	Pocahontas	Benedictine Sisters
Devils Knob	U. S. Forest Service	Portland	Mrs. Pearl Newton
Dumas	Ben Johnson	Prescott	W. R. Hambright
Eagle Gap	Nancy V. Egger	Rogers	Howard Fowler
El Dorado	Mrs. E. W. Gaston	Rosebud	G A. Maddox
Eleven Point	John H. Jackson	Russellville	Arkansas Teck.
England	O. V. Halbrook	St Charles	U. S. Bio. Survey
Eureka Springs	Geo. W. Nichoalds	St. Francis	A. Boyce Boyd, Jr.
Evening Shade	Mrs. Flora E. Williams	St Paul	Wm. B. Brashears
Fayetteville	Charles F. Ford	Searcy	Walter A. Smith
FayettevilleExp.	University of Ark.	Sheridan (near)	Ark. Forestry Com.
Fordyce	Ark. Forestry Com.	Shirley	Minnie L. Moldon
Forester	Morna V. Turner	Siloam Springs	John Brown Univ.
Fort Smith	U. S. Weather Bureau	Sparkman	James L. Key
Ft. Smith Wt. P.	Ft. Smith Water Dept.	Springbank	Henry Field
Fulton	T. J. Logan	Stamps (near)	Ark. Forest Service
Georgetown	C. G. Long	Stephens (near)	Ark. Forest Service
Gilbert	F E. King	Story	S. C. Story
Glenwood	C. A. Price	Stuttgart	Mrs. B. E. Swim
Grannis	W. E. McVay	Stuttgart Evap.	University of Ark.
Gravelly	Walter C. Moody	Subiaco	New Subiaco Abbey
Gravette	J. A. Schmidt	Sugar Grove	O. R. Fennell
Green Forest	R. A. Kendall	Texarkana	U. S. Weather Bureau
Green Mountain	U. S. Forest Service	Tichnor	Andrew M. Olson
Greenwood	W E. Goforth	Turnpike	U. S Forest Service
Harrisburg	Irl M. Meredith	Viola	A. F. King
Harrison	J. M. McGaughey	Wabash	Farm Security Adm.
Heber Springs	Lester B. Logan	Waldron	Lavon Shoptaw
Helena	James A Burnett	Walnut Grove(near)	A. H. Fast
Henderson	Emmett Smith	Warren	C. N Turner
Highland	Clyde Cooley	Whitecliffs	L. M Snead
Hope	Univ. of Arkansas	White Rock	U. S. Forest Serv.
Hot Springs	National Park Service	Wilson	Winona Anderson
Huttig	U. S. Engineers	Wright	Farm Security Adm.
Index	W. E. McDowell	Wynne	B. M. Eddins

KILLING FROSTS, 1942

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Alum Fork Res	Apr. 1	Oct. 27	209	LITTLE ROCK	Feb. 28	Nov. 27	272
Arkadelphia	Apr. 1	Oct. 27	209	Lutherville	*Apr. 1	Oct 26	208
Arkansas City	*Apr. 1	Nov. 27	240	Madison	Apr. 1	Nov. 27	240
Batesville	*Apr. 1	Oct. 26	208	Magnolia	*Mar. 28	Oct. 27	213
Bee Branch	*Apr. 1	*Oct 26	208	Mammoth Spring	Apr. 1	Oct. 26	208
Benton	*Apr. 1	Oct. 27	209	Marianna	Apr. 1	Oct 27	209
Bentonville	*Apr. 1	Oct. 26	208	Marked Tree	Apr. 1	Oct. 27	209
Big Lake Outlet	*Mar. 28	Oct. 27	213	Marshall	Apr. 1	*Oct. 27	209
Black Rock	Mar. 31	Oct 26	209	Mena	*Apr. 1	*Nov 27	240
Blytheville	Mar. 28	Oct. 26	212	MonticelloAiry	*Mar. 28	Nov. 24	241
Booneville	Apr. 1	Oct 26	208	Morrilton	*Apr. 1	Oct 26	208
Boughton	Apr. 1	Oct. 26	208	Mountainburg	Mar. 31	Oct. 26	209
Brinkley	Apr. 1	Oct. 27	209	Mountain Home	Apr. 1	Oct 26	208
Calico Rock	Apr. 1	Oct. 26	208	Mountain Valley	Mar. 31	Nov. 11	225
Camden	Apr. 1	Nov. 12	225	Mount Ida	Apr. 1	Oct. 26	208
Clarendon	Apr. 1	Oct. 27	209	Mulberry	Mar. 31	Oct 26	209
Clover Bend	Apr. 1	Oct. 26	208	Nashville	Apr. 1	Nov. 11	224
Conway	*Apr. 1	Oct. 26	208	Newport	Apr. 1	*Nov. 11	224
Corning	Apr. 1	Oct. 27	209	Oden	Mar. 31	Oct. 26	209
Cotter	Apr. 1	Oct. 26	208	Okay	Apr. 1	Oct. 27	209
Crossett	*Apr. 1	Oct. 27	209	Ozark	Apr. 1	*Oct. 26	208
Danville	Apr. 1	Oct. 27	209	Paragould	*Apr. 1	Oct. 27	209
Dardanelle	Mar. 28	Oct. 27	213	Parkin	Apr. 1	Oct. 27	209
De Queen	Apr. 1	Oct. 27	209	Perryville	Apr. 1	Oct. 26	208
Des Arc	Apr. 1	Nov. 11	224	Pine Bluff	Mar. 3	Nov. 27	269
Devils Knob	Mar. 31	Oct. 26	209	Pine Ridge	Mar. 31	Oct. 27	210
Dumas	Mar. 31	Oct. 27	219	Pocahontas	Apr. 1	Oct. 26	208
El Dorado	Mar. 28	Nov. 30	247	Portland	Mar. 3	Oct. 27	238
England	Mar. 31	Nov. 27	210	Prescott	Mar. 28	Nov. 11	228
Eureka Springs	Mar. 31	Oct. 26	209	Rogers	Mar. 31	*Oct. 26	209
Fayetteville	Apr. 1	Oct. 26	208	Rosebud	Mar. 31	*Oct. 26	209
Fayetteville Ex	Apr. 1	Oct. 26	208	Russellville	Mar. 31	Oct. 27	210
Fordyce	*Mar. 28	Nov. 27	244	St. Charles	Mar. 28	Oct. 27	213
Fort Smith	Mar. 2	Nov. 30	273	St. Francis	Mar. 31	....	...
Georgetown	Apr. 1	Nov 1	214	Searcy	Apr. 1	Oct. 27	209
Gilbert	Apr. 1	Oct. 26	208	Sheridan	Apr. 1	Nov. 24	237
Glenwood	Apr. 1	Oct. 27	209	Springbank	Apr. 1	....	...
Grannis	*Apr. 1	Oct. 27	209	Story	Mar. 31	Oct 26	209
Gravette	Apr. 1	*Oct. 26	203	Stuttgart	Mar. 28	Oct. 27	213
Green Mountain	*Mar. 31	*Oct. 26	209	Stuttgart Evap.	Mar. 28	Oct. 27	213
Harrison	Apr. 1	Oct. 26	208	Subiaco	Apr. 1	Oct. 27	209
Helena	Apr. 1	Nov 27	240	Texarkana	*Apr. 1	Nov. 30	243
Highland	*Apr. 1	*Nov. 24	237	Turnpike	*Mar. 31	*Oct. 26	209
Hope	*Apr. 1	Nov. 27	240	Wabash	Apr. 1	Oct. 27	209
Hot Springs	Mar. 31	Nov. 27	241	Waldron	*Apr. 1	Oct. 26	208
Index	*Apr. 1	....	..	Warren	Apr. 1	Nov. 12	225
Irons Fork	*Apr. 1	Oct. 26	208	White Cliffs	*Apr. 1	Nov. 24	237
Jessieville	*Mar. 31	*Nov. 27	241	White Rock	Mar. 31	Oct. 26	209
Jonesboro	*Mar. 31	Oct. 26	209	Wilson	Mar. 31	*Oct. 26	209
Lead Hill	*Apr. 1	Oct. 26	203	Wright	Apr. 1	Oct. 27	2·9
				Wynne	Apr. 1	Nov. 1	214

*Indicates freezing temperature, no killing frost reported.

Departures from normal temperature are computed from averages of entire period for stations having 10 or more years record. Departures of precipitation with 15 years or more record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive. T., less than 0.01 inch rain or melted snow. Reference letters ª, ᵇ, ᶜ, appearing in the table indicate number of days missing. § Also on later dates. †Post-office addresses of these stations as follows: Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Rt. 1, Ravendon Springs; Fordyce, Rt. 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Heber Springs, Tumbling Shoals; Highland, R.F.D. 3, Nashville; Huttig, Felsenthal; Index, Route 5, Texarkana; Irons Fork, Exp. Station, Mena; Lutherville, Route 1; Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Rt. 3, Morrilton; Mulberry, R t 1, Mulberry; Nimrod, Ola; Odell, Route 1, Canehill; Rosebud, Route 2, Mount Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.


Gravette
Bentonville
Rogers
BENTON
Eureka Springs
CARROLL
Lead Hill
BOONE
Harrison
BAXTER
Mountain Home
Cotter
MARION
FULTON
Mammoth Springs
RANDOLPH
Pocahontas
St. Francis
Corning
CLAY
Fayetteville
WASHINGTON
MADISON
NEWTON
Gilbert
SEARCY
Marshall
IZARD
Calico Rock
SHARP
LAWRENCE
Black Rock
GREENE
Paragould
Blytheville
Big Lake Outlet
CRAIGHEAD
Jonesboro
MISSISSIPPI
Osceola
Sunset
Dutton
Nail
STONE
Batesville
INDEPENDENCE
White
R.
Newport
Freeman Springs
VAN BUREN
Clinton
Higden
CLEBURNE
JACKSON
POINSETT
Marked Tree
Wilson
CRAWFORD
FRANKLIN
Ozark
JOHNSON
Lutherville
POPE
Bee Branch
Heber Springs
Fort Smith
Arkansas
Subiaco
LOGAN
CONWAY
Rosebud
WHITE
White
Patterson
CROSS
CRITTENDEN
SEBASTIAN
Booneville
Dardanelle
Morrilton
FAULKNER
Searcy
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Parkin
Conway
Georgetown
WOODRUFF
Danville
River
River
ST. FRANCIS
Madison
River
YELL
PERRY
Thornburg
Waldron
SCOTT
PULASKI
Little Rock
LONOKE
PRAIRIE
Brinkley
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Clarendon
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SALINE
Benton
England
Stuttgart
Helena
Mount Ida
Norman
Hot Springs
POLK
Malvern
St. Charles
ARKANSAS
PHILLIPS
Glenwood
HOT SPRINGS
GRANT
JEFFERSON
Grannis
HOWARD
Amity
Pine Bluff
Cornerstone
PIKE
Arkadelphia
De Queen
Centerpoint
SEVIER
Highland
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Fordyce
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Magnolia
COLUMBIA
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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVIII Little Rock, Ark., January, 1943 No. 1

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Temperatures averaged very close to normal in the State during January. Mild weather prevailed from the 1st to 3d, 14th to 16th, 21st to 24th, 30th and 31st. The warmest period was from the 22d to 24th, when temperatures averaged more than 20° above normal and daily maxima were above 80° at some stations. The coldest weather occurred from the 18th to 20th, with sub-zero temperatures in the extreme northwestern section and around 10° in the southeastern counties. However, this cold wave was not as severe as the one in January, 1942, when temperatures of —20° were experienced. There was ample sunshine.

Although there have been months in the summer and autumn with less precipitation, this month was the driest January of record. Measurable amounts of precipitation fell on only four days, 6th, 7th, 25th and 26th. All stations reported deficiencies. Only stations in the extreme southern counties reported more than two inches of precipitation. In the northern section most stations recorded less than one-half inch and several less than one-tenth inch. Two stations reported only a trace and one station reported none. Practically all the precipitation was in the form of sleet or snow in the northern section. During the night of the 25th, considerable sleet and freezing rain fell, resulting in hazardous driving conditions on the highways for about two days.

As a result of heavy rains late in December, the White River was in flood at Batesville and Newport during the first few days of January and at Clarendon until the 24th. Other rivers were at moderate or low stages.

The cold weather caused no serious damage to fruit trees and retarded premature budding. The spinach crop in the Fort Smith area suffered considerable damage from the cold. Some plowing was accomplished during the mild periods and oats were being planted during the latter part of the month. Winter grains survived the cold weather in good condition.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 79 stations, was 41.8°, which is 0.6° above the 53-year normal for January. The highest monthly mean was 50.6° at Magnolia, Columbia County, and the lowest was 36.0° at Bentonville and Siloam Springs, Benton County. The highest temperature recorded during the month was 87° at Crossett, Ashley County, and Mount Ida, Montgomery County, on the 23d. The lowest during the month was —9° at Devils Knob, Johnson County, Gravette and Rogers, Benton Co., on the 19th.

PRECIPITATION

The average precipitation from rain and melted sleet and snow for the State, as determined from the observations at 110 stations, was 1.00 inch, which is 3.31 inches less than the 53-year normal for January. The greatest monthly amount was 4.36 inches at El Dorado, Union County, while the least was none at Siloam Springs, Benton County. The greatest amount recorded in any 24 consecutive hours was 2.37 inches at El Dorado on the 7th.

The average snowfall for the State was 1.2 inches which is 0.7 inch below the 52-year average. The greatest total snowfall for the month was 5.2 inches at Blytheville, Mississippi Co.

B.N.W.

MISCELLANEOUS PHENOMENA

High Winds:---2. 3,6,9,14,15,16,18,19,20,21,22,23,24.25.
Glaze:---5,17,18,25,26.
Sleet:---5,6,7,13,18,25,26,27.
Thunderstorms:---25,26,29.
Fog;---1,2,12,14,17,18,21,23,24,30,31.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Bentonville	31.00	19	29.31	16	7.3	..	......	..	..	..	..	65	899
Fort Smith	30.88	19	29.28	16	7 5	26	nw.	16	69	54	52	67	764
Little Rock	30.83	19	29.42	15	9.8	32	sw.	21	82	59	64	71	721
Memphis .	30.75	19	29 45	15	10.3	27	nw.	19	81	64	73	59	732

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	41.6	71	13	5.54	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	− 5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	− 2	3.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	− 9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	− 5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	− 2	5.19	2.0	6	14	5	12
1907	49.2	82	− 8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	− 7	2.59	4.3	6	16	6	9
1911	47.6	86	− 9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	− 1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	− 3	4.38	2.3	8	10	6	15
1916	44.3	82	− 6	9.39	0.5	12	8	4	19
1917	44.0	82	− 4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	− 3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48 6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	− 6	3 19	0.4	7	15	3	13
1925	40.8	76	− 4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	− 1	5.41	0.1	10	14	3	14
1928	42 7	90	−10	2.05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.85	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	− 1	1.05	3.5	5	14	7	10
1937	41.9	80	9	12.61	0.7	17	4	3	24
1938	42.5	81	4	6.48	T.	7	14	6	11
1939	45.5	83	12	6.21	0.5	10	14	6	11
1940	28.0	74	−14	1.56	5.9	7	14	6	11
1941	43.6	76	5	3.43	0.3	9	12	7	12
1942	38.1	83	−21	3.20	4.4	7	16	7	8
1943	41.8	87	− 9	1.00	1.2	3	15	8	8
Period	41.2	90	−28	4.31	1.9	8	13	6	12

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Climatological Data for January, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline	755	6	42.9	......	80	23	2	19	0.66	......	0.36	7	0.5	2	17	9	5	e.	L. R. Water Works
Arkadelphia	Clark	200	47	41.2	......	82	23	5	20	1.90	−2.93	1.06	7	2.0	4	12	6	13	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	58	......	......	......	......	......	......	2.62	−1.93	1.86	26	....	3	19	3	9	......	John W. Trammell
Batesville Airway	Independence	363	6	40.3	+ 1.9	79	24	3	19	0.60	......	0.27	25	3.5	4	13	8	10	nw.	Airway Observer
Batesville Livestk.	Independence	....	2	37.6	......	78	23§	− 1	20	0.34	......	0.22	26	2.2	2	16	6	9	w.	University of Arkansas
Batesville River	Independeuce	277	43	......	......	......	......	......	......	0.47	−4.21	0.28	26	4.0	2	23	2	6	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	39.9	− 1.1	77	24	1	19§	0.50	−4.05	0.25	7§	3.0	2	19	6	6	n.	Miss Minnie Scanlan
Benton	Saline	285	7	37.6	......	81	23	1	21	1.47	......	0.75	26	2.2	3	20	6	5	nw.	S. A. Burks
Bentonville	Bentou	1295	37	36.0	− 0.2	75	24	− 3	19	0.06	−2.61	0.04	6	T	2	14	11	6	s.	U. S. Weather Bureau
Bethesda.......†	Independence	500	3	......	......	78[e]	23§	2	20	0.28	......	0.16	26	1.9	2	16	8	7	w.	Soil Conservation Ser.
Big Lake Outlet ..†	Mississippi	239	12	......	......	......	......	......	......	1.13	−4.57	0.78	26	3.5	4	13	4	14	......	C. J. Brooks
Black Rock	Lawrence	259	41	......	......	......	......	......	......	0.22	−4.39	0.17	26	1.6	2	11	3	17	......	Vernon C. Howe
Bluff City	Nevada	....	2	45.6	......	81	16§	5	19	2.64	......	1.42	7	1.0	4	16	8	7	sw.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	40.6	− 1.4	78	24	6	19§	1.10	−4.82	0.85	26	5.2	4	17	9	5	s.	Maureen K. Norris
Booneville (near)	Logan	465	28	42.7	+ 0.9	84	23	0	19	0.12	−3.48	0.07	26	T.	3	17	7	7	w.	F. H. Randolph
Boughtou.......†	Clark	235	7	......	......	......	......	......	......	2.20	......	1.10	7§	1.1	2	11	8	12	......	Mrs. Ruby Brown
Brinkley	Monroe	205	51	41.4	− 1.0	79	16	6	20	1.38	−3.81	0.82	25	2.5	5	8	10	13	s.	U. S. Weather Bureau
Calico Rock	Izard	361	38	......	......	......	......	......	......	0.18	−4.29	0.10	26	1.0	2	8	6	17	......	William Jones
Camden	Ouachita	116	57	46.2	+ 2.2	83	23§	8	19§	3.18	−1.56	1.74	7	1.5	6	6	16	9	n.	J. M. Knight
Camp Robinson	Pulaski	463	2	40.0[c]	......	81[c]	23	4[b]	18	1.17	......	0.73	26	2.0	2	9	10	12	nw.	U. S. Army
Clarendon	Monroe	172	38	......	......	......	......	......	......	1.26	−3.38	0.59	26	1.5	4	18	5	8	......	R. M. Wheatley
Clover Bend	Lawrence	235	4	39.4	......	79	24	1	19	0.28	.....	0.16	26	2.6	2	9	18	4	ne.	Farm Security Adm.
Conway	Faulkuer	309	59	43.8	+ 1.6	82	23	6	19§	0.73	−3.98	0.44	26	2.5	2	20	5	6	s.	E. E. Cordrey
Corning	Clay	293	49	40.4	+ 2.2	79	24	3	19	0.14	−4.59	0.14	26	1.5	1	17	6	8	w.	Robert B. Polk
Cotter	Baxter	440	15	......	......	......	......	......	......	0.28	−3.08	0.21	26	1.2	2	14	12	5	......	O. B. McSpadden
Crossett(near)	Ashley	175	30	46.2	0.0	87	23	4	20	3.85	−0.93	2.00	7	0.0	4	14	11	6	n.	U. S. Forest Service
Danville	Yell	327	26	......	......	......	......	......	......	0.21	−3.73	0.17	26	0.6	2	14	11	6	......	J. M. Patterson
Dardanelle	Yell	330	56	43.1	+ 1.7	80	24	4	19	0.25	−3.37	0.13	7	1.0	2	10	11	10	s.	Geo. N. Goodier
DeQueen	Sevier	426	7	44.1	......	82	23	4	19	0.82	......	0.60	7	....	3	26	2	3	w.	L. D. McCown
Des Arc	Prairie	204	4	44.8	......	79	16§	7	19	0.87	......	0.35	26	1.3	1	8	12	11	......	Z. R. Glenn
Devils Knob.....†	Johnson	2350	6	37.7	......	73	23	− 9	19	0.35	......	0.20	31	2.0	4	18	3	10	sw.	U. S. Forest Service
Dumas	Desha	162	37	45.2	+ 0.3	82	23§	10	19§	2.39	−2.63	0.83	7	T.	5	8	14	9	n.	Ben Johnson
El Dorado	Union	270	42	47.0	+ 0.6	82	23	9	19	4.36	−0.37	2.37	7	0.5	3	20	2	9	n.	Mrs. E. W. Gaston
England	Lonoke	229	36	42.0	− 1.4	78	16	7	19	1.44	−3.46	0.72	7§	0.0	2	7	18	6	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	42	39.7	+ 1.1	77	23§	− 8	19	0.08	−3.12	0.05	6	0.5	2	20	7	4	sw.	Geo. W. Nichoalds
Fayetteville	Washiugton	1334	5	39.4	......	76	24	− 6	19	0.06	......	0.04	25	0.2	3	12	7	12	s.	Charles F. Ford
Fayetteville Exp.	Washiugton	1451	55	38.5	+ 0.1	76	24	− 6	19	0.12	−2.88	0.04	25	T	5	12	11	8	sw.	University of Arkansas
Fordyce	Dallas	280	2	43.4[a]	......	80[a]	23	5[a]	19	3.21	......	1.57	25	1.4	4	17	4	10	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	40.4	+ 0.9	78	22	1	19	0.22	−2.32	0.22	25	1.5	1	11	12	8	e	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	5	......	......	......	......	......	......	0.15	......	0.15	26	1.5	1	20	4	7	......	Ft. Smith Water Plant
Fulton	Hempstead	260	57	......	......	......	......	......	......	2.20	−2.43	1.32	25	T.	2	15	9	7	......	T. J. Logan
Georgetown	White	200	30	......	......	......	......	......	......	1.00	−4.02	0.70	26	2.0	2	20	2	9	......	C. G. Long
Gilbert	Searcy	600	17	38.0	......	82	24	− 1	19	0.10	−3.71	0.10	26	1.0	1	21	1	9	nw.	F. E. King
Glenwood	Pike	547	7	......	......	......	......	......	......	1.06	......	0.71	7	0.0	2	15	3	13	......	Chas. A. Price
Grannis	Polk	950	23	42.8	+ 0.8	81	23	0	19	0.41	−4.39	0.30	7	0.0	5	13	9	9	w.	W. E. McVay
Gravette	Benton	1250	45	36.6	− 0.5	75	24	− 9	19	T.	−2.78	T.	18	T.	0	24	2	5	sw.	Julius A. Schmidt
Green Mountain..†	Stone	1100	5	......	......	78	16§	......	......	0.10	......	0.10	26	T.	1	16	9	6	n.	U. S. Forest Service
Harrison	Boone	1052	42	39.4	+ 2.5	81	24	− 4	19	0.18	−2.99	0.18	25	1.0	1	18	5	8	nw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	13	......	......	......	......	......	......	0.49	−4.15	0.27	26	1.5	2	15	7	9	......	Lester B. Logan
Helena	Phillips	300	70	43.7	+ 0.5	78	16§	7	19	2.11	−3.05	1.45	26	2.0	4	13	6	12	s.	James A. Burnett
Highland	Pike	491	23	41.7	− 4.0	72	22§	3	19	1.13	−3.45	0.80	7	0.0	2	8	16	7	sw.	Clyde Cooley
Hope (near).....‡‡	Hempstead	375	72	41.2	− 4.5	82	23	6	19§	2.32	−2.48	1.24	26	....	3	21	0	10	ne.	University of Arkansas
Hot Springs	Garlaud	600	51	44.7	+ 1.1	81	23	2	19	1.11	−3.75	0.67	7	1.0	2	17	8	6	s.	National Park Service
Index.......†	Little River	275	25	......	......	......	......	......	......	0.80	−2.84	0.60	7	T.	2	22	0	9	......	W. F. McDowell
Irons Fork.....†‡‡	Polk	1385	4	37.0	......	83	23	− 3	19	0.35	......	0.22	7	T.	2	16	8	7	s.	U. S. Forest Service
Jessieville	Garland	750	16	......	......	......	......	......	......	0.62	−5.54	0.43	7	......	2	13	10	8	......	U. S. Forest Service
Jonesboro	Craighead	345	47	42.0	+ 1.4	78	24	5	19	0.94	−4.08	0.54	26	4.2	6	11	7	13	sw.	Benedictine Sisters
Lead Hill	Boone	650	36	37.2	− 1.2	83	24	− 3	19	0.16	−2.55	0.09	25	0.5	2	19	5	7	n.	J. H. Crosswhite
Little Rock	Pulaski	275	63	42.0	+ 0.6	81	23	7	19	1.20	−3.53	0.76	25–26	2.2	4	7	12	12	sw.	U. S. Weather Bureau
Lutherville.......†	Johnson	775	44	41.0	+ 0.7	80	24	− 1	19	0.21	−3.72	0.12	26	1.5	2	20	4	7	w.	Clarence Lenhardt
Madison	St. Francis	209	12	......	......	......	......	......	......	0.93	−5.32	0.43	26	2.5	4	8	9	14	......	J. W. Eppes
Magnolia	Columbia	315	26	50.6[d]	+ 3.0	83[e]	23	8[b]	19	3.30	−1.26	1.48	26	0.9	3	12	9	10	s.	State Agri. School
Mammoth Spring	Fulton	600	38	39.6	+ 1.8	78	24§	− 1	19	0.02	−3.44	0.02	26	T	1	15	7	9	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	42.5	0.0	79	24	9	19	2.73	−2.16	2.15	27	3.5	3	13	8	10	n.	University of Arkansas
Marked Tree	Poinsett	229	38	38.0	+ 1.5	78	24	5	19§	1.07	−4.62	0.80	26	1.9	4	19	6	6	n.	Charles Waltou
Mena	Polk	1207	54	42.9	+ 1.3	82	23	− 1	19	0.25	−3.69	0.15	7	T.	3	16	9	6	sw.	E. W. St. John
Monticello	Drew	273	2	44.0	......	82	23	10	19§	2.44	......	0.74	7	0.0	7	12	10	9	sw.	Airway Observer
Morrilton.......†	Conway	315	26	39.8	− 1.5	79	24	5	19	0.50	−3.36	0.25	7	2.0	3	10	8	13	uw.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	......	......	......	......	......	......	0.16	......	0.11	25	1.5	2	22	2	7	s.	C. A. Lovell
Mountain Home .†	Baxter	800	30	38.5	+ 0.4	83	24	− 3	19	0.16	−3.17	0.08	6§	2.0	2	18	5	8	w.	H. N. Halbert
Mountain Valley	Garland	788	5	......	......	......	......	......	......	0.77	......	0.52	7	1.0	2	12	9	10	n.	C. A. Cockman
Mount Ida	Montgomery	702	43	42.0	+ 0.6	87	23	− 2	20	0.55	−3.79	0.45	7	0.5	2	11	12	8	nw.	J. S. Whittington
Mulberry(near)..†	Franklin	433	4	......	......	......	......	......	......	0.17	......	0.17	26	1.0	1	18	5	8	......	Clifton H. Ward
Nashville	Howard	350	4	43.8	......	82	23	7	19	1.10	.....	0.64	7	0.0	5	19	9	3	sw.	Brice Carruth
Newport	Jackson	231	59	43.0	+ 3.2	79	16	5	19	0.79	−4.45	0.53	26	3.0	4	14	10	7	n.	J. D. Henderson
Nimrod Dam	Perry	....	1	43.4	......	82	23	2	20	0.36	.....	0.18	7§	......	2	20	5	6	w.	U. S. Engineers
Oden	Montgomery	800	15	......	......	......	......	......	......	0.37	−4.13	0.23	7	0.5	3	11	13	7	sw.	U. S. Forest Service
Okay	Howard	288	14	45.8	+ 1.0	85	24	7	19	1.22	−3.96	0.70	7	T.	3	16	10	5	sw.	Charles R. Jackson
Osceola	Mississippi	250	42	......	......	......	......	......	......	0.96	−3.98	0.62	26	8.0	4	13	13	5	......	G. H. Banks
Ozark	Franklin	396	47	41.1	+ 0.3	79	24	1	19	0.18	−2.91	0.18	26	....	1	12	11	8	se.	Orkney O. Milton
Paragould	Greene	275	19	40.0	......	75	24	5	19	0.96	−4.32	0.72	26	4.9	3	17	6	8	sw.	J. E. Garrett
Parkin	Cross	222	12	......	......	......	......	......	......	0.36	−5.96	0.25	7	1.1	2	15	2	14	......	Carroll King
Perryville	Perry	325	3	41.9	+ 1.2	81	23	1	20	0.51	−3.89	0.26	7	1.5	2	10	13	8	W.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	55	45.3	+ 1.4	82	23	9	19	1.90	−3.29	0.92	7	1.0	4	11	14	6	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	......	......	......	......	......	......	....	......	....	......	......	......	......	......	......	......	J. R. Huddleston
Pocahontas	Randolph	300	49	40.2	+ 1.3	77	24	3	19	0.17	−4.38	0.15	26	2.0	2	14	12	5	nw.	Benedictine Sisters
Portlaud	Ashley	122	36	47.4	+ 0.4	82	23	5	26	2.05	−2.64	1.45	7	0.0	3	18	1	12	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	45.6	+ 1.0	82	23§	6	19	1.94	−2.80	1.15	7	0.0	4	16	9	6	n.	W. R. Hampright
Rogers	Benton	1300	52	37.2	− 0.2	76	24	− 9	19	0.05	−2.61	0.03	19	0.5	2	19	5	7	w.	Howard Fowler
Rosebud	Faulkner	680	8	......	......	......	......	......	......	0.58	......	0.33	26	3.5	2	20	7	4	n.	G. A. Maddox
Russellville ....‡‡	Pope	526	30	41.4	+ 1.8	79	24	6	20	0.20	−3.25	0.20	26	1.5	1	19	4	8	w.	Ark. Tech. College
St. Charles	Arkansas	175	9	41.9	......	80	23	10	19§	2.18	......	1.51	26	1.0	4	8	12	11	n.	U. S. Biological Survey
St. Francis	Clay	290	15	......	......	......	......	......	......	0.30	−5.84	0.30	26	2.0	1	20	0	11	......	A. Boyce Boyd, Jr.
Searcy	White	245	32	42.6	+ 1.8	78	16§	5	19	0.91	−3.88	0.60	26	1.5	4	16	7	8	sw.	Walter A. Smith
Sheridan (near)..†	Grant	....	2	43.9	......	82	23	4	20	1.44	......	0.67	7	1.5	6	5	21	5	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	36.0	......	73	24	− 8	19	0.00	......	0.00	......	0.0	0	19	7	5	n.	John Brown University
Springbank......†	Miller	240	33	......	......	......	......	......	......	3.05	−0.96	1.53	26	......	2	11	3	17	......	Henry Field
Story	Montgomery	650	18	......	......	......	......	......	......	0.52	−3.50	0.49	7	0.5	2	21	3	7	n.	S. C. Story
Stuttgart	Arkausas	214	55	42.4	− 0.6	80	16§	6	19	1.87	−3.17	0.97	26	0.0	3	19	6	6	nw.	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas	198	7	40.5	......	79	16	9	19	1.66	......	0.86	26	0.0	3	......	......	......	......	University of Arkansas

Climatological Data for January, 1943 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	44	43.6^b	+ 1.9	81^b	24	1^b	19	0.23	−3.38	0.09	7	0.5	4	19	6	6	sw.	New Subiaco Abbey
Texarkana	Miller	332	58	44.9	− 1.4	83	23	6	19	1.64	−2.44	0.73	6	T.	4	13	12	6	sw.	U. S. Weather Bureau
Turnpike †	Pope	2240	18	39.4		76	23	− 6	19	0.18	−4.36	0.08	6	0.9	4	20	3	8	sw.	U. S. Forest Service
Wabash	Phillips	179	3	47.5		85	24	7	19	1.54		0.94	26	1.0	2	9	12	10	s.	Farm Security Adm.
Waldron	Scott	675	23	42.6		84	23	0	19	0.10	−3.73	0.10	26	0.0	1	4	22	5	nw.	Lavon Shoptaw
Warren	Bradley	206	48	45.8	+ 0.4	81	16	10	19§	3.25	−1.57	1.65	26	0.0	4	4	10	17	nw.	C. N. Turner
Whitecliffs	Little River	290	36							0.90	−3.00	0.90	7	T	1	16	4	11		L. M. Snead
White Rock †	Franklin	2285	6	38.4		75	23	7	26	0.18		0.15	25	1.0	2	19	4	8	sw.	U. S. Forest Service
Wilson	Mississippi	237	17							1.01	−4.66	0.49	7	T.	4	27	0	4	nw.	Miss Winona Anderson
Wright	Jefferson	234	3	41.4		82	24	5	19	2.54		1.52	26	0.0	3	22	6	3	nw.	Farm Security Adm.
Wynne	Cross	167	34	41.9	+ 0.9	78	16§	5	19	0.44	−4.72	0.29	6	1.5	2	20	2	9	n.	B. M. Eddins
State Means				41.8	+ 0.6	87	23	− 9	19	1.00	−3.31	2.37	7	1.2	3	15	8	8	sw.	

Daily Precipitation for January, 1943

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott^2	Arkansas																										.14						0.14
Alum Fork Reser.	Ouachita						T.	.36																		T.	.30			T.			0.66
Arkadelphia^2	Ouachita						T	1.06									.02		.02								.80						1.90
Arkansas City^2	Mississippi							.43	.33														T				1.86						2.62
Batesville Air'y.$^{1+}$	White						.02	17										T.								.27	T			T.	T.	.14	0.60
Batesville Livestk^1	White							.12																			.22						0.34
Batesville River^2	White							.19	T.																		.28						0.47
Beaty Lake (near)	St. Francis		T.	T.				46							T.	T.			.05				T.			T	.63						1.14
Bee Branch	Arkansas							25																			.25						0.50
Beech Grove (near)	White							.20										.01									.45					.10	0.76
Beedeville^2	White							27	.04										.08								.80						1.19
Benton^2	Saline							.61	11																		.75						1.47
Bentonville^1‡	Arkansas						.04	T.										T.	.02											T.		T.	0.06
Bethesda^2	White							.12																			.16						0.28
Big Lake Outlet^2	St. Francis		T.	T.				.25	.03										.07				T				.78				T.		1.13
Black Rock^2	White		T.					.05																			.17						0.22
Bluff City (near)	Ouachita							1.42						T.													1.22						2.64
Blytheville^2	St. Francis							.11	.10										.04								.85						1.10
Booneville (near)	Arkansas						.04	.01																		T.	.07					T.	0.12
Booneville^2	Arkansas						.01	.04																			.08						0.13
Boughton^2	Ouachita							1.10											T.								1.10						2.20
Brinkley^1	White			T			.01	.34									T	.07	T.							.82	.14					T	1.38
Calico Rock^2	White								.08																		.10				T.		0.18
Camden	Ouachita							1.74	.07										.05	.02							1.29			.01			3.18
Camp Chaffee	Arkansas																										.15						0.15
Camp Robinson^2	Arkansas							.44																			.73						1.17
Carlisle^2	Arkansas							.51	.02								T		T.								.89						1.42
Clarendon^2	White							.53	.06										.08								.59						1.26
Clover Bend	White							.12																			.16						0.28
Cold Springs	Ouachita																										.11						0.11
Conway	Arkansas							.29																			.44						0.73
Corning^2	White							T																			.14						0.14
Cotter^2	White							.07																			.21						0.28
Crossett [near]	Ouachita						.35	2.00																		.10	1.40						3.85
Danville^2	Arkansas							.04																			.17						0.21
Dardanelle^2	Arkansas							.13																			.12						0.25
Denmark^2	White							.26	.02																		.50						0.78
De Queen	Red						.02	.60											T.								.20						0.82
Dermott^2	Mississippi							1.00	.10										.01				T	T.			.31						1.42
Des Arc^2	White							.43	T						T.				.09								.35						0.87
Devils Knob	Arkansas						.02																			.11	.02					.20	0.35
Dumas	Mississippi						.06	.83											.05							.63	.82						2.39
Eagle Gap^2	Arkansas			.05	T.			.11												T.							.10						0.26
El Dorado^2	Ouachita							2.37											.02								1.97						4.36
Eleven Point^2	White						T.	T.																		T.	.10					T.	0.10
England	Arkansas							.72											T.							.72							1.44
Eureka Springs	White						.05													.03													0.08
Evening Shade^2	White							.06																			.15						0.21
Fayetteville	White			T.			.01	T.	T.									T.	T.	T.						.04				T.		.01	0.06
Fayetteville Exp. S	White			.02			.03		T.									T.	T.	.02						.04	T.			T.		.01	0.12
Fordyce	Arkansas						.05	1.54											05							1.57							3.21
Forester^2	Arkansas						T.																				.03						0.03
Fort Smith^1‡	Arkansas			T.			T.	T.						T.				T.	T.							.22						T	0.22
Fort Smith W.^{2}	Arkansas				T.		T.	T.										T		T							.15						0.15
Fulton^2	Red		T.				T	.88							T		T.										1.32						2.20
Georgetown^2	White							.30																			.70						1.00
Gilbert^2	White																										.10						0.10
Glenwood^2	Ouachita							.71																			.35						1.06
Grannis	Red	T.	.02				T	.30						T.	T.				T							*	.05					.04	0.41
Gravelly^2	Arkansas							T.																		T.							T.
Gravette	Arkansas																		T.														T
Green Forest^2	White			T.			.05												T.							T						T	0.05
Green Mountain	White						T.																				.10						0.10
Greenwood^2	Arkansas																										.16					T.	0.16
Harrisburg^2	St. Francis							.23											.05								.70						0.98
Harrison	White						T.																			.18							0.18
Heber Springs^2	White							.22																			27						0.49
Helena^2	Mississippi							.46	.13										.07								1.45						2.11
Henderson^2	White							.05																									0.05
Highland	Ouachita							.80																			.33						1.13
Hope^2	Red					.03	1.05								T.		T.						T.				1.24						2.32
Hot Springs	Ouachita			T.			T.	.67											T							T	.44					T.	1.11
Huttig^2 (near)	Ouachita							2.28	.06										T.	T.							.76						3.10
Index^2	Red							.60	T																	.20	T.	T.					0.80
Irons Fork^2	Ouachita						T.	.22																			.13						0.35
Jessieville	Ouachita							.43											T.	T							.19						0.62
Jonesboro^2	White		.01					.17	.04										.10								.54				.08		0.94
LaCrosse^2	White							20																			.15						0.35
Lake City^2	St. Francis							*	.30																	*	.60						0.90

Daily Precipitation for January, 1943 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Lead Hill	White						.07												T.							.09				T.			0 16
Little Rock[1]‡	Arkansas			T.			.16	.28										T.	T							.73	.03					T.	1.20
Lutherville	Arkansas						.09	T.																		T.	.12					T.	0.21
Madison[2]	St. Francis							.32	T.										.03								.43	.15					0.93
Magnolia	Red						*	1.82																			1.48						3.30
Mammoth Spg[2]	White						T.	T.																			.02						0.02
Marianna[2]	St. Francis							*	.58																			2.15					2.73
Marked Tree[2]	St. Francis							.22	.03										.02								.80						1.07
Marshall[2]	White							.02																									0.02
Marvell[2]	White					.40	.05																				.90	.20					1.55
Mena[2]	Ouachita		T.	T.			T	.15												T.							.09					.01	0 25
Monticello[1]‡	Ouachita	T.	.02				.45	.74										.03	T				T.			.71	.46					.03	2.44
Morobay[2] (near)	Ouachita							2.12											.02								1.89						4 03
Morrilton[2]	Arkansas							.25	.10																		.15						0.50
Mountainburg	Arkansas																									.11					T.	.05	0.16
Mountain Home	White						.08																			.08							0.16
Mountain Valley	Ouachita							.52																			.25						0.77
Mtu. View[2](near)	White						T.																				.08						0.08
Mount Ida	Ouachita							.45																			.10					T.	0.55
Mulberry[2]	Arkansas																										.17						0.17
Nashville	Red						.08	.64									T.		.02							.03	.33						1.10
Newhope(near)[2]	Ouachita																																....
Newport[2]	White							.19	.04										.03								.53						0.79
Nimrod	Arkansas							.18																			.18						0.36
Odell (near)[2]	Arkansas																		.07								.22						0.29
Oden	Ouachita						.03	.23																			.11						0.37
Okay	Red						.02	.70						T.													.50						1.22
Osceola[2]	Mississippi							.21	.05										.08	T.							.62				T.		0 96
Ozark	Arkansas						T.							T.					T.								.18				T		0.18
Paragould	St. Francis		T.					.16									T.	T	.08				T.				.72						0.96
Parkin[2]	St. Francis							.25	T.																		.11						0.36
Perryville	Arkansas						T.	.26																			.25						0.51
Pine Bluff[2]	Arkansas		T.					.92	.05										.05	T.							.88	T.					1.90
Pine Ridge[2]	Ouachita																																....
Pocahontas	White							.02																			.15						0 17
Portland[2]	Ouachita							1.45	.12																		.48						2.05
Prescott[2]	Ouachita		.01				T.	1.15	.02											T.							.76						1.94
Rogers	White			T.			.02	T												.03										T			0.05
Rosebud	Arkansas							.25																			.33						0 58
Russellville	Arkansas																										.20						0.20
St. Charles[2]	White							.56	.05										.06								1.51	T					2.18
St. Francis[2]	St. Francis																										.30						0.30
St. Paul[2](near)	White																										10						0.10
Searcy[2]	White			.02				.27											02								.60						0.91
Sheridan (near)	Ouachita	T.					T.	.67										.03	.02				T			.40	.30					.02	1.44
Shirley[2](near)	White						.19																				.14						0.33
Siloam Springs	White																																0.00
Sparkman[2] (near)	Ouachita						.04	1.40										T	T.							*	.73						2.17
Springbank[2]	Red						T.	1.52											T								1.53	T					3.05
Stamps[2](near)	Red							1.70	T.									T									.45	.03					2.18
Stephens[2] (near)	Ouachita						T.	1.98										T.		.05							30						2.33
Story[2]	Ouachita							.49																			.03						0.52
Stuttgart[2]	Arkansas							.70	20																		.97						1.87
Stuttgart Evap.[2]	Arkansas							.75															.05				.86						1.66
Subiaco	Arkansas						.04	.09																		T.	.08					.02	0.23
Sugar Grove[2]	Arkansas						.04	.06																			.14						0.24
Texarkana[1]	Red	T.					.73	.31						T.					T.							.48	.12						1.64
Tichnor[2]	White																																....
Turnpike	Arkansas						.08																			.03	.04			T.		.03	0.18
Viola	White						.03	.06																			.07						0.16
Wabash	Mississippi							.60																			.94						1.54
Waldron	Arkansas																										.10						0.10
Walnut Grove(nr)	White						T.	.02																			.27					T	0.29
Warren	Ouachita						.05	1.45												T.						.10	1.65						3.25
Whitecliffs[2]	Red							.90						T.					T.								T.						0.90
White Rock	Arkansas	.03																								.15				T.			0.18
Wilson[2]	Mississippi						.22	49																	.10		.20	T.	T				1.01
Wright	Arkansas						T	1.00											T.				.02			T.	1.52						2.54
Wynne[2]	St. Francis						.29																				.15						0.44

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for January, 1943

(See precipitation data in table on preceding page)

Station	Data	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bethesda §§	Evap.																																
	Mean tem.					31	32	36	32	34	35	41	36	36	44	48	60	34	33	22	17	31	50	57	60	20	26	26	31	33	41	44	24.4
	Wind move	62	20	99	150	52	39	30	81	62	86	43	62	34	54	41	130	60	82	105	104	86	40	51	28	141	122	47	15	7	27	36	1996
Hope, Exp. Farm §§	Evap.																																
	Mean tem.	47	52	46	38	33	32	39	35	36	38	42	38	41	46	52	57	38	37	16	24	36	56	64	62	36	28	31	34	42	46	50	27.4
	Wind move	21	20	138	14	13	18	47	49	24	88	41	32	32	16	67	103	53	77	81	46	38	133	27	68	80	96	69	43	19	39	36	1628
Irons Fork, Exp. Forest §§	Evap.																																
	Mean tem.	50	48	39	32	30	29	34	28	32	36	41	38	42	45	46	58	32	24	8	20	35	52	59	54	22	26	24	35	38	40	44	37.0
	Wind move	5	4	40	18	5	9	8	4	3	13	3	4	3	4	4	42	19	7	18	8	24	7	7	7	17	27	8	3	1	3	6	331
Russellville	Evap.																																
	Mean tem.	49	52	52	36	35	21	38	32	34	40	40	36	40	44	50	54	53	32	22	22	38	52	56	58	54	28	30	34	38	42	53	41.4
	Wind move																																
Stuttgart, Rice Exp. Farm §§	Evap.																																
	Mean Tem.	42	54	56	35	36	34	38	38	30	35	37	38	37	39	46	56	58	42	36	16	24	35	52	64	34	26	27	34	36	34	49	40.5
	Wind move	55	47	102	117	38	27	51	46	39	83	24	37	15	32	69	160	121	60	134	47	60	129	81	55	104	119	119	64	21	53	26	2135

Daily Temperatures for January, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	69	66	61	43	47	42	40	39	53	52	60	60	55	65	68	77	73	36	31	38	61	73	80	78	70	36	43	50	47	61	63	56.0
	Minimum	36	43	40	26	22	33	33	26	17	30	25	33	26	31	31	58	33	29	2	4	24	35	50	58	22	16	17	24	30	29	42	29.8
Arkadelphia §§	Maximum	59	72	63	50	48	43	42	44	56	58	57	59	57	65	73	79	43	38	30	42	54	79	82	75	39	29	44	57	55	68	70	56.1
	Minimum	31	41	43	25	29	30	25	23	19	20	23	21	23	27	28	30	38	35	16	5	9	22	37	44	35	23	20	20	23	26	27	26.4
Batesville ***	Maximum	66	67	64	40	45	41	42	38	50	50	62	52	48	62	69	75	39	37	22	36	57	72	77	79	42	38	43	47	47	58	65	52.6
	Minimum	40	49	31	25	23	35	30	24	20	27	24	29	29	36	35	39	34	9	3	6	28	32	50	42	17	19	13	19	32	28	40	28.0
Bee Branch	Maximum	68	65	64	46	44	41	40	39	47	49	58	59	54	59	67	74	69	34	30	32	55	70	76	77	72	36	45	50	50	60	62	54.6
	Minimum	29	36	42	20	17	32	29	23	11	29	20	29	25	26	32	53	29	27	1	1	19	30	37	41	17	12	13	15	23	25	39	25.2
Benton §§	Maximum	48	55	69	27	48	41	36	47	36	36	60	25	55	66	61	80	36	35	40	40	60	75	81	75	70	37	45	50	50	66	67	52.2
	Minimum	30	33	34	25	20	20	32	24	18	18	20	20	21	22	27	27	35	33	4	2	1	23	31	43	31	18	19	17	12	24	26	22.9
Bentonville ***	Maximum	62	62	54	38	42	36	32	27	49	43	53	48	53	55	64	66	29	19	14	37	55	70	70	75	20	35	46	47	49	64	62	47.6
	Minimum	40	45	25	17	20	32	22	18	18	26	28	25	30	35	35	29	19	1	-3	8	35	42	48	20	8	9	13	22	33	25	28	24.3
Bluff City	Maximum	61	71	70	47	45	43	43	43	52	52	60	56	52	66	72	81	77	39	38	43	64	75	81	79	62	36	40	49	60	65	70	57.8
	Minimum	35	47	44	28	26	35	35	28	22	34	30	36	27	38	39	60	38	37	5	7	28	48	59	56	28	21	18	23	25	32	44	33.3
Blytheville	Maximum	62	68	65	47	41	46	41	35	44	46	55	47	46	51	65	75	47	41	35	37	51	67	75	78	76	28	36	40	48	53	65	52.0
	Minimum	42	50	46	24	20	28	32	29	22	31	26	24	26	32	33	50	35	29	6	6	22	36	47	53	21	15	9	14	30	31	35	29.2
Booneville (near)	Maximum	70	66	62	45	48	44	40	39	56	52	62	56	61	61	73	78	60	31	25	42	63	80	84	80	72	42	46	51	55	65	65	57.3
	Minimum	31	44	38	24	22	34	35	21	17	27	22	24	32	28	29	59	31	23	0	6	28	35	43	52	20	12	9	22	32	24	46	28.7
Brinkley	Maximum	64	69	64	42	45	43	41	35	45	50	55	48	51	58	69	79	50	37	23	37	57	73	78	77	60	33	52	52	46	67	66	53.7
	Minimum	40	42	36	28	21	36	34	24	19	26	22	25	24	33	33	50	36	20	8	6	24	43	53	54	19	18	18	21	24	28	40	29.2
Camden	Maximum	67	71	69	56	52	48	44	44	58	58	60	61	56	57	73	80	80	42	31	42	65	77	83	83	79	38	44	50	57	64	73	60.1
	Minimum	35	42	53	29	24	37	36	30	24	34	25	31	25	31	31	61	39	37	8	8	24	37	59	55	27	21	19	21	28	30	39	32.3
Camp Robinson §§	Maximum	63	69	61	42	45	43	41	40	53	50	60	52	53	66	71	78	59	41	22	39	..	..	81	77	29	35	42	44	45	..	67	52.4
	Minimum	39	48	26	23	26	34	27	21	21	25	33	26	31	34	36	36	32	4	7	8	..	34	58	26	16	16	18	28	30	..	39	27.7
Clover Bend	Maximum	62	65	65	40	42	45	40	38	46	50	43	54	60	57	75	70	46	52	34	36	48	69	73	79	67	38	37	40	47	51	54	52.4
	Minimum	38	44	49	19	26	34	28	26	15	23	20	24	26	27	29	44	33	34	1	15	28	23	37	37	24	18	12	17	24	20	28	26.3
Conway	Maximum	68	72	60	47	48	44	43	46	58	51	63	55	57	62	72	80	75	38	35	41	62	76	82	79	71	41	45	50	49	61	68	58.0
	Minimum	31	45	44	25	22	37	35	29	20	27	22	26	27	29	34	53	35	33	6	6	22	32	51	50	24	18	12	17	30	27	41	29.5
Corning	Maximum	65	69	66	41	43	43	47	40	47	42	58	50	47	59	65	75	66	41	37	36	52	69	70	79	53	35	42	46	48	60	64	53.4
	Minimum	33	40	40	22	19	24	23	29	21	31	25	25	26	32	35	56	34	29	3	4	24	32	42	42	19	11	9	18	28	29	35	27.3
Crossett	Maximum	72	73	69	66	50	44	42	42	53	58	64	56	56	68	72	82	72	49	44	45	65	80	87	82	77	32	39	47	49	67	75	60.5
	Minimum	36	43	43	28	23	35	35	29	19	28	24	35	26	29	31	62	48	34	10	4	22	49	53	58	31	21	19	17	20	32	43	31.8
Dardanelle	Maximum	66	68	67	47	46	44	42	42	52	52	60	59	58	63	73	78	76	38	30	41	62	78	79	80	73	43	48	49	51	60	59	57.5
	Minimum	32	42	40	26	24	37	34	23	18	29	23	27	30	28	32	56	34	27	1	7	25	31	38	46	24	18	15	22	29	26	42	28.7
De Queen	Maximum	60	70	66	50	40	41	43	44	57	57	59	57	56	65	72	76	71	47	42	43	64	78	82	76	75	46	49	50	59	63	70	59.0
	Minimum	34	45	44	23	24	36	35	23	19	26	25	30	29	28	29	57	31	26	4	9	20	35	37	43	32	24	12	21	30	25	49	29.2
Des Arc	Maximum	65	70	63	56	45	42	42	41	51	57	57	57	57	59	70	79	79	39	37	39	59	72	79	77	71	33	39	44	48	57	68	56.5
	Minimum	38	46	53	29	28	34	36	30	23	32	28	34	29	35	41	59	38	33	7	11	27	39	56	55	27	19	19	22	28	28	39	33.0
Devils Knob	Maximum	66	58	54	36	42	34	32	31	44	43	56	49	48	55	60	61	50	26	15	29	50	66	73	72	65	30	43	47	41	56	54	47.9
	Minimum	36	47	29	16	26	27	26	16	15	25	30	26	36	35	40	50	23	15	-9	5	27	41	55	59	10	8	14	25	29	32	37	27.5
Dumas	Maximum	59	73	69	51	45	43	42	41	53	50	57	48	55	67	72	81	73	45	37	42	60	77	82	82	69	32	39	45	50	60	71	57.1
	Minimum	42	45	49	29	25	36	35	29	24	32	27	34	27	34	37	59	42	37	10	10	26	45	58	56	26	20	20	20	26	30	42	33.3
El Dorado	Maximum	69	71	68	54	50	45	41	41	55	58	62	57	59	61	72	71	60	45	38	43	61	78	82	81	68	44	40	49	57	75	79	59.2
	Minimum	40	46	50	30	27	36	36	31	22	23	32	37	29	37	36	49	45	37	9	10	29	45	59	58	45	20	20	22	31	42	45	34.8
England	Maximum	58	60	76	46	45	40	42	40	50	69	53	63	52	64	66	78	76	36	35	32	55	69	72	71	70	32	43	43	50	52	60	54.5
	Minimum	36	40	43	25	24	34	34	17	22	27	27	28	25	35	33	61	36	33	7	10	22	38	49	46	24	18	17	19	24	27	30	29.4
Eureka Springs	Maximum	71	71	60	40	49	41	40	29	50	45	51	51	55	57	63	70	34	22	17	37	55	71	77	77	76	36	46	49	50	65	59	52.1
	Minimum	41	52	32	16	21	31	27	16	19	25	30	26	31	37	42	33	20	9	-8	3	29	44	55	63	9	9	12	21	35	29	38	27.3
Fayetteville	Maximum	72	66	60	38	46	41	38	29	49	46	56	51	54	56	64	66	36	22	17	38	55	72	75	76	70	37	50	48	51	64	59	51.7
	Minimum	41	51	32	18	22	33	27	19	19	26	27	22	30	35	38	35	21	10	-6	6	30	43	52	59	11	11	9	19	35	25	38	27.0
Fayetteville Exp. S	Maximum	72	69	63	36	46	41	38	27	49	48	55	50	54	55	64	69	38	20	20	37	55	71	75	76	67	35	46	49	50	62	59	51.5
	Minimum	35	49	31	17	19	32	27	15	19	24	27	22	29	32	35	38	20	12	-6	4	29	39	49	57	9	10	7	17	33	24	37	25.5
Fordyce	Maximum	57	69	63	45	43	40	41	..	53	55	56	54	54	66	71	79	75	41	39	40	60	75	80	77	72	33	41	46	51	61	70	55.1
	Minimum	35	48	40	29	24	34	33	..	20	31	30	33	26	37	41	67	37	34	5	7	27	47	56	55	25	18	18	23	28	32	47	31.8
Fort Smith ***	Maximum	64	66	56	44	44	42	40	36	51	47	58	54	56	60	69	70	36	26	23	42	58	78	77	78	30	39	44	44	58	60	64	52.1
	Minimum	37	47	31	25	29	38	28	25	23	33	29	35	38	34	37	36	26	4	1	11	26	40	45	30	18	17	18	29	36	31	36	28.8
Gilbert §§	Maximum	68	70	57	49	48	47	43	41	49	55	65	65	74	65	75	77	70	28	25	37	67	75	80	82	28	37	45	50	56	65	55	56.4
	Minimum	25	31	39	20	16	18	31	29	13	18	13	16	17	18	25	29	30	21	-1	0	1	33	37	40	15	13	3	10	10	18	20	19.6
Grannis	Maximum	67	67	62	47	42	49	42	42	56	55	60	58	55	68	70	75	62	36	25	39	61	76	81	74	67	42	53	49	56	65	66	56.7
	Minimum	44	44	37	22	25	33	32	23	18	34	26	33	29	29	33	51	31	23	0	6	18	37	40	48	24	19	18	23	27	25	46	29.0
Gravette	Maximum	70	67	52	38	48	41	38	29	50	44	52	52	54	56	66	64	33	19	17	37	55	71	71	75	45	36	48	48	53	65	61	50.1
	Minimum	39	36	30	16	19	32	26	15	15	25	23	20	27	29	33	32	17	3	-9	0	29	40	47	42	8	8	10	22	32	21	30	23.1
Green Mountain	Maximum	50	70	63	42	45	45	39	34	53	51	63	51	50	59	63	78	66	34	24	35	55	69	73	78	72	33	40	45	47	60	60	53.1
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Harrison	Maximum	71	66	60	39	49	41	39	33	50	46	59	52	56	57	64	74	44	26	18	40	61	73	75	81	68	37	44	49	48	64	64	53.2
	Minimum	40	47	33	18	18	32	29	20	15	28	21	23	25	30	32	44	26	15	-4	2	30	36	44	49	12	10	6	13	32	24	39	25.5
Helena	Maximum	62	70	60	52	45	42	43	40	47	48	55	49	52	62	68	78	71	42	37	39	57	72	78	78	77	28	37	41	46	59	66	54.9
	Minimum	41	41	51	27	22	31	34	31	20	30	30	32	28	33	40	56	41	34	7	10	27	43	55	55	24	17	20	24	27	34	41	32.5
Highland	Maximum	56	65	61	45	40	37	39	41	53	52	55	51	51	60	67	64	62	40	34	35	60	72	72	71	67	38	45	49	54	60	65	53.6
	Minimum	34	42	43	24	25	34	32	24	21	29	29	28	29	35	36	37	32	31	3	7	22	39	50	50	26	19	18	24	29	28	45	29.8
Hope §§	Maximum	63	70	59	47	42	40	43	43	51	62	58	50	56	66	72	78	41	38	27	41	64	77	82	78	37	36	42	48	59	63	70	54.9
	Minimum	31	34	32	28	24	25	35	27	21	23	26	27	26	27	33	36	36	36	6	6	7	35	45	45	35	21	19	19	26	29	29	27.4
Hot Springs	Maximum	66	68	62	48	43	39	40	42	53	55	60	54	55	66	69	77	74	38	30	40	60	76	81	74	70	41	47	52	51	65	65	56.8
	Minimum	36	44	41	27	25	35	34	26	23	35	32	32	30	41	42	57	35	29	2	8	29	44	56	59	24	18	17	25	31	31	42	32.6
Irons Fork §§	Maximum	75	60	40	42	42	38	36	38	53	51	62	62	57	65	67	74	33	25	20	40	58	74	83	71	25	38	41	53	55	57	66	51.6
	Minimum	26	37	38	21	18	20	32	19	12	20	20	23	26	25	26	42	30	22	-3	-1	12	30	35	36	18	15	7	17	22	22	23	22.3
Jonesboro	Maximum	65	67	67	43	43	43	42	39	46	48	57	50	49	55	66	73	69	36	36	36	52	70	75	78	71	33	38	43	47	54	65	53.4
	Minimum	40	45	42	24	23	33	33	29	21	33	30	30	27	34	40	58	35	30	5	8	27	33	50	54	22	16	13	19	26	31	36	30.5
Lead Hill	Maximum	68	68	61	39	47	39	38	33	51	43	55	48	54	56	66	71	41	28	17	40	62	76	72	83	70	39	46	48	47	62	65	52.7
	Minimum	27	35	33	19	16	32	29	22	13	29	18	17	22	24	24	39	26	15	-3	-2	24	23	28	34	13	12	3	9	31	21	38	21.6
Little Rock ***	Maximum	59	69	61	43	44	41	42	40	52	50	58	49	51	65	71	78	45	37	24	37	60	75	81	76	62	36	40	44	44	56	67	53.5
	Minimum	37	44	36	28	27	36	31	29	22	31	28	30	27	33	36	44	35	13	7	10	25	40	54	58	19	19	19	25	29	30	39	30.4
Lutherville	Maximum	67	67	60	46	44	40	40	40	48	47	56	54	55	60	70	73	64	34	25	35	66	74	75	80	68	39	48	49	46	59	60	54.5
	Minimum	33	42	37	21	23	31	32	21	18	31	24	29	34	32	35	54	30	22	-1	4	17	37	31	51	15	15	9	21	30	27	43	27.4
Magnolia	Maximum	70	74	79	..	..	59	48	49	58	62	59	70	59	70	78	82	74	71	39	47	63	75	83	81	81	33	..	..	..	67	77	65.9
	Minimum	41	50	49	..	..	27	35	28	23	31	33	38	28	39	37	60	39	37	8	11	28	47	56	56	30	20	19	30	36	35	50	35.2
Mammoth Spring	Maximum	58	68	64	49	45	38	40	36	50	48	46	54	47	57	64	74	69	48	28	35	53	67	74	78	78	36	45	48	48	58	60	53.6
	Minimum	29	43	49	20	17	31	34	26	17	35	19	23	27	29	27	46	32	25	-1	2	25	23	31	36	16	11	14	13	31	26	41	25.7
Marianna §§	Maximum	65	70	65	54	46	42	40	37	47	49	54	46	52	61	67	78	73	43	36	37	56	73	76	79	75	26	36	43	44	62	67	54.8
	Minimum	36	40	45	27	24	25	35	32	23	21	27	29	26	30	34	40	41	35	9	10	22	40	49	56	35	18	17	22	24	25	40	30.2
Marked Tree §§	Maximum	63	69	66	36	43	44	38	34	46	44	55	49	48	54	65	75	40	35	20	37	53	70	76	78	31	30	36	42	44	55	64	49.7
	Minimum	32	37	47	25	20	22	33	30	19	20	24	25	25	28	33	35	42	30	5	5	8	30	49	48	28	16	15	15	20	23	30	26.4
Mena	Maximum	65	63	60	43	42	40	38	39	53	53	59	56	57	66	68	76	62	33	22	46	59	76	82	74	69	37	47	50	57	68	59	55.5
	Minimum	41	45	37	25	24	31	30	22	19	33	26	30	32	37	32	56	30	21	-1	5	28	38	50	57	20	18	16	27	28	28	50	30.3
Monticello ***	Maximum	60	71	69	44	47	40	41	38	52	52	56	48	56	68	72	81	49	41	27	36	62	78	82	80	50	31	38	47	53	64	72	55.0
	Minimum	40	48	36	31	29	38	35	26	20	31	32	36	30	36	39	61	38	26	10	10	28	49	58	38	29	20	21	25	29	36	48	33.0
Morrilton §§	Maximum	65	65	60	47	46	42	44	42	54	48	50	60	63	60	73	77	40	34	26	40	60	74	78	79	28	37	44	46	47	68	65	53.6
	Minimum	28	32	45	27	25	32	34	26	23	30	25	33	26	30	31	36	34	31	5	6	9	27	27	42	26	12	9	11	22	28	31	26.0
Mountain Home	Maximum	61	68	60	40	47	39	39	33	52	45	60	51	55	58	66	75	42	30	30	40	60	74	75	83	66	40	48	50	50	62	55	53.4
	Minimum	33	36	31	18	17	31	27	22	15	30	19	25	26	27	28	39	27	13	-3	2	25	28	37	43	14	13	11	12	28	23	36	23.6
Mt. Ida	Maximum	71	67	65	48	48	40	36	40	58	55	66	57	57	69	70	78	77	37	27	34	61	78	87	79	70	39	47	52	59	66	67	58.2
	Minimum	28	37	41	26	18	34	33	20	14	24	18	22	23	25	24	60	33	25	1	-2	28	27	39	46	23	19	6	12	29	20	45	25.7
Nashville	Maximum	58	71	65	49	42	41	45	45	58	58	59	52	55	65	73	78	68	43	28	39	65	79	82	77	62	42	47	50	58	64	72	57.7
	Minimum	35	43	43	24	26	36	35	26	22	28	28	32	28	29	31	56	34	28	7	11	20	32	39	41	29	23	22	23	28	26	45	30.0
Newport	Maximum	65	65	66	43	45	42	42	39	49	50	60	52	50	61	67	79	67	40	33	35	56	71	77	78	71	35	40	45	47	57	64	54.5
	Minimum	41	46	42	27	25	37	35	29	23	35	27	31	29	34	37	60	36	31	5	8	27	34	47	49	22	18	17	24	30	30	41	31.5
Oden ***	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily Temperatures for January, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	64	73	69	52	48	42	45	47	58	65	61	60	58	68	74	78	74	65	40	40	66	79	83	85	78	42	46	50	59	61	74	61.4
	Minimum	35	41	49	25	25	36	34	26	21	30	26	31	28	29	29	58	33	36	7	9	19	28	48	41	31	24	21	20	28	26	43	30.3
Ozark	Maximum	68	70	61	48	47	45	40	40	61	50	60	56	57	62	71	76	69	40	28	38	58	78	78	79	58	45	47	48	50	60	60	56.4
	Minimum	29	41	39	24	21	34	30	20	17	26	21	24	28	26	28	43	33	21	1	7	21	27	36	40	18	13	9	20	32	23	47	25.8
Paragould	Maximum	59	65	65	52	39	43	43	41	45	44	55	52	44	55	62	72	68	38	37	34	49	65	70	75	74	26	37	40	45	50	63	51.8
	Minimum	34	37	51	22	20	26	31	29	20	32	25	26	25	30	32	52	34	28	5	6	28	27	40	43	20	15	30	20	24	31	33	28.3
Perryville	Maximum	66	68	62	46	47	45	42	41	52	51	61	54	58	64	71	79	74	39	32	40	60	75	81	80	75	38	42	48	49	61	66	57.0
	Minimum	29	36	42	27	20	36	33	23	28	30	21	22	24	26	29	58	34	28	4	1	18	26	36	43	22	21	9	15	28	24	38	26.8
Pine Bluff	Maximum	61	71	65	61	49	41	41	42	55	52	51	50	56	66	73	81	70	45	35	43	62	76	82	80	71	30	41	45	51	58	72	57.8
	Minimum	38	45	44	30	27	37	37	30	23	32	27	35	27	35	37	62	38	32	9	13	27	43	58	59	24	20	20	25	27	31	41	33.3
Pocahontas	Maximum	63	63	65	43	41	41	42	38	49	48	60	53	51	59	63	74	68	40	32	33	52	66	72	77	74	35	44	47	46	57	62	53.5
	Minimum	33	38	41	22	18	28	32	28	19	28	23	23	27	32	31	53	34	28	3	4	23	29	40	42	19	16	13	21	27	27	34	27.0
Portland	Maximum	65	68	71	69	48	44	41	41	52	55	60	54	56	63	70	79	72	52	43	43	61	78	82	80	79	32	37	39	55	65	72	58.9
	Minimum	40	45	51	31	27	35	35	30	22	33	27	35	31	34	36	57	50	39	12	13	26	46	66	73	61	8	20	23	25	36	47	35.9
Prescott	Maximum	55	70	68	52	46	41	44	44	56	57	59	59	56	66	72	78	77	41	38	40	64	76	82	82	77	35	42	48	58	65	69	58.6
	Minimum	33	41	51	28	26	36	36	28	23	33	28	36	29	35	35	60	38	35	6	9	25	40	55	51	31	21	20	26	29	30	41	32.7
Rogers	Maximum	68	66	56	38	46	39	38	28	48	44	54	48	54	55	64	67	36	18	11	36	55	71	73	76	45	36	49	50	53	64	59	49.8
	Minimum	38	46	30	16	19	32	26	17	18	25	27	24	30	33	34	36	18	8	−9	4	27	37	47	45	7	8	10	19	33	25	36	24.7
Russellville	Maximum	67	66	63	45	48	48	41	41	50	50	59	58	55	61	72	76	72	38	30	39	59	77	78	79	75	40	48	48	50	60	66	56.7
	Minimum	31	38	42	26	22	37	34	23	18	29	21	13	25	27	29	33	34	27	14	6	18	26	34	38	23	15	13	20	25	24	40	26.0
St. Charles §§	Maximum	57	70	63	41	45	44	40	36	51	47	54	47	52	64	70	79	60	38	23	39	58	75	80	76	37	32	40	45	48	66	69	53.1
	Minimum	38	46	50	28	27	27	35	31	22	22	28	28	27	31	37	39	49	35	10	10	13	34	51	57	34	18	18	22	27	27	32	30.7
Searcy	Maximum	65	70	63	44	45	43	42	40	51	50	60	55	57	59	70	78	71	38	38	38	58	72	78	77	71	35	40	46	48	58	66	55.7
	Minimum	33	43	44	26	22	35	35	28	21	32	24	26	28	29	34	55	35	31	5	7	22	33	47	48	20	17	17	22	28	29	41	29.6
Sheridan (near)	Maximum	60	70	64	44	46	42	42	42	52	53	60	58	54	64	73	80	69	38	39	40	60	77	82	77	72	37	41	47	49	59	68	56.7
	Minimum	41	40	41	26	25	35	34	27	19	30	26	31	25	32	35	59	35	34	5	4	23	42	54	55	25	18	17	20	38	27	42	31.1
Siloam Springs	Maximum	65	67	69	35	43	40	37	27	48	47	52	47	50	53	63	61	36	18	14	33	52	68	69	73	44	33	44	44	42	60	57	48.1
	Minimum	49	38	30	13	20	31	25	16	16	24	25	23	28	31	34	33	17	1	−8	4	29	39	48	44	8	9	12	21	30	22	33	24.0
Stuttgart	Maximum	58	72	66	47	45	43	41	39	52	48	57	48	51	65	71	80	71	37	35	35	60	73	80	78	70	32	39	44	46	56	68	55.1
	Minimum	40	39	44	26	23	35	34	27	20	27	25	31	24	29	33	57	37	32	6	9	23	38	51	48	19	17	17	21	24	27	37	29.7
Stuttgart (near) §§	Maximum	52	69	64	42	46	43	41	32	50	48	50	47	52	64	77	79	43	38	23	37	59	73	78	77	35	32	38	44	47	58	68	51.8
	Minimum	33	38	48	28	26	24	35	29	23	26	26	27	26	28	34	36	41	35	9	12	11	31	49	51	34	19	19	23	25	29	30	29.2
Subiaco	Maximum	65	66	64	45	46	45	40	..	..	47	58	57	59	59	71	75	72	33	26	38	58	75	76	81	72	40	48	49	52	63	66	56.8
	Minimum	33	42	40	25	25	35	35	..	..	35	27	37	24	31	36	58	33	24	1	9	22	32	45	48	23	15	15	25	32	29	45	30.4
Texarkana ***	Maximum	68	71	62	48	43	41	44	41	58	57	62	51	55	67	72	78	43	36	27	40	66	79	83	76	62	37	43	46	59	57	71	56.3
	Minimum	48	52	35	29	30	37	30	28	25	35	30	35	32	40	40	44	35	12	6	13	30	48	56	58	26	23	20	28	34	31	49	33.5
Turnpike	Maximum	70	60	55	38	41	34	32	31	43	46	58	53	50	57	63	70	65	36	28	32	54	70	76	75	69	31	44	51	45	59	55	51.3
	Minimum	34	50	30	18	25	27	26	16	11	27	30	28	34	33	39	50	23	19	−6	5	24	42	58	60	9	9	12	21	28	31	38	27.5
Wabash	Maximum	60	75	74	65	47	47	49	46	51	55	60	61	58	69	70	81	84	49	48	46	61	74	83	85	76	60	40	44	48	60	70	61.2
	Minimum	45	44	52	28	25	36	36	33	24	34	32	32	28	33	40	56	41	36	7	10	28	43	55	55	24	17	23	28	30	34	39	33.8
Waldron	Maximum	73	67	63	42	46	45	41	40	56	50	63	57	59	65	69	76	71	39	25	42	60	79	84	78	73	38	48	51	57	67	63	57.6
	Minimum	31	46	38	25	22	35	34	20	17	30	22	25	32	28	27	60	30	23	0	4	30	30	38	47	20	16	9	21	30	23	46	27.7
Warren	Maximum	65	71	65	55	46	44	41	41	53	55	57	53	57	68	72	81	78	43	39	42	63	70	80	80	79	32	39	48	55	66	72	58.4
	Minimum	41	47	55	29	26	36	36	28	23	36	27	36	27	33	35	53	43	38	10	10	28	35	41	59	29	20	21	23	27	34	44	33.2
White Rock	Maximum	68	60	58	43	41	39	32	32	49	46	59	51	49	56	60	66	44	30	15	28	52	68	75	71	65	34	44	47	43	57	54	49.5
	Minimum	37	47	27	17	25	26	23	18	15	26	27	28	34	32	42	42	22	11	10	9	22	42	50	57	9	7	19	23	37	29	37	27.4
Wilson	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Wright	Maximum	54	66	64	53	40	39	39	40	51	50	56	54	49	67	68	77	74	36	34	34	58	73	77	82	76	28	36	44	42	53	66	54.2
	Minimum	35	38	41	26	23	34	32	27	20	28	28	28	23	31	30	58	35	30	5	8	23	34	52	54	24	12	11	18	22	21	35	28.6
Wynne	Maximum	66	71	66	51	46	44	47	39	48	52	58	51	53	56	67	78	75	40	36	38	56	71	78	78	75	31	37	44	47	58	68	55.6
	Minimum	35	42	45	24	19	30	33	30	19	27	24	22	23	32	36	55	36	30	5	6	24	39	50	50	25	10	10	12	21	26	34	28.2

Daily River Stages for January, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	22.6	19.8	16.4	14.2	12.8	12.3	11.4	11.2	10.9	10.5	10.2	10.6	10.4	10.3	9.6	9.3	9.1	9.0	8.9	8.5	8.2	8.1	8.4	8.2	8.5	8.5	8.2	8.4	8.4	8.2	8.1
Van Buren	do	22	22.1	19.6	16.6	14.4	12.6	12.1	11.0	10.7	10.4	9.9	9.5	10.0	9.7	9.6	8.9	8.4	8.2	8.0	7.9	7.6	6.4	6.6	7.4	7.1	7.3	7.3	7.1	7.3	7.2	7.0	7.0
Danville	Petit Jean	20	15.4	11.6	8.7	7.4	6.4	5.7	5.6	5.3	5.1	4.9	4.6	4.5	4.3	4.1	4.0	3.9	3.9	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1	3.1
Ozark	Arkansas	22	18.1	15.9	14.2	10.8	8.3	7.9	7.3	7.0	6.2	6.0	5.4	5.1	5.1	5.1	5.1	4.7	4.4	4.1	3.9	3.8	3.5	2.8	2.4	2.3	2.2	2.0	1.9	1.8	2.0	2.2	2.2
Dardanelle	do	22	22.0	21.8	17.6	16.0	14.0	11.1	10.5	9.8	8.9	10.0	8.5	8.1	7.9	6.4	5.4	7.6	6.9	6.8	6.8	6.6	6.2	5.6	5.2	5.7	5.6	5.5	5.9	5.7	5.4	5.4	5.7
Morrilton	do	20	17.8	17.0	15.3	13.0	10.8	9.0	7.8	6.8	6.0	5.6	5.1	4.4	4.2	4.0	4.0	3.8	3.2	2.9	2.8	2.8	2.2	1.7	1.6	1.2	1.1	1.4	1.6	1.6	1.5	1.6	1.5
Little Rock	do	23	19.5	19.1	17.5	15.4	13.0	10.8	9.1	8.2	7.3	6.8	6.4	6.0	5.6	5.4	5.4	5.2	4.9	4.4	4.2	4.0	3.8	3.6	3.2	2.7	2.8	3.0	3.0	3.1	3.1	3.0	3.0
Pine Bluff	do	25	22.2	22.0	21.2	19.8	17.8	16.0	14.4	13.2	12.4	10.9	9.5	8.9	8.5	8.1	7.9	7.7	7.5	7.3	7.0	6.8	6.6	6.3	6.1	6.0	5.8	5.8	5.9	5.9	6.0	6.0	5.9
Gilbert	Buffalo	30	6.1	5.7	5.4	5.1	4.9	4.9	4.6	4.4	4.4	4.3	4.2	4.2	4.1	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.4	3.3	3.1	3.1	3.0	3.4
Black Rock	Black	14	20.8	20.7	20.8	20.6	20.4	20.2	20.0	19.6	19.0	18.4	17.6	16.7	15.8	14.8	13.6	12.1	10.8	9.6	8.7	8.6	6.7	6.3	6.0	5.8	5.7	5.3	5.2	5.0	4.8	4.8	4.7
Heber Springs	Little Red	30	9.9	8.8	8.1	7.5	7.0	6.6	6.2	6.1	5.9	5.7	5.4	5.3	5.2	5.1	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.8
OzarkBeachMo	White	30	9.3	8.0	7.0	6.4	5.8	5.2	4.9	4.6	4.5	4.4	1.2	1.6	1.2	2.8	2.0	2.2	3.2	-0.5	0.8	4.3	0.0	0.4	-0.6	-0.6	1.2	0.2	0.8	-0.6	-0.6	-0.6	-0.6
Cotter	do	21	13.9	10.5	9.2	8.3	7.6	7.2	7.0	6.1	6.0	6.0	5.4	5.3	4.3	4.2	4.2	4.2	4.3	4.3	4.0	3.8	3.6	3.8	3.8	3.8	3.7	3.5	3.4	3.6	3.4	3.4	3.0
Calico Rock	do	18	18.7	12.7	10.7	9.4	8.4	7.7	7.1	6.7	6.3	6.0	5.7	5.3	5.0	4.8	4.6	4.7	4.7	4.5	3.9	3.5	3.2	3.8	3.3	3.3	3.1	2.7	2.5	2.8	2.9	2.8	2.6
Batesville	do	23	31.0	23.0	18.3	16.2	14.8	13.9	13.0	12.4	11.8	11.3	10.9	10.7	10.0	9.7	9.5	9.4	9.3	9.4	9.0	8.7	8.4	8.3	8.3	8.2	8.3	7.8	7.2	7.0	7.6	7.6	7.4
Newport	do	26	31.8	31.3	29.6	28.0	26.5	25.1	23.8	22.8	21.5	20.8	19.7	18.7	18.1	17.2	16.6	16.0	15.0	14.6	12.6	11.0	9.9	8.8	7.7	7.2	5.9	5.9	5.7	5.5	5.0	4.9	4.9
Georgetown	do	21	24.5	26.1	27.3	28.0	28.0	27.7	27.2	26.5	26.0	25.2	21.2	23.7	23.0	22.4	21.9	21.4	21.0	20.6	20.1	19.3	18.3	17.1	15.7	14.5	13.2	12.0	10.8	10.3	9.4	8.7	8.4
Des Arc	do	24	22.1	24.8	27.4	29.7	30.8	31.2	31.3	30.8	30.4	29.7	28.8	28.0	27.2	26.4	25.6	24.8	24.0	23.4	22.9	22.3	21.6	20.7	19.7	18.4	17.4	16.2	15.1	14.3	13.4	12.8	12.2
Clarendon	do	26	23.0	23.7	24.9	26.6	28.1	29.2	29.9	30.3	30.6	30.7	30.6	30.5	30.3	30.0	29.6	29.3	28.8	28.4	27.9	27.6	27.2	26.9	26.5	26.0	25.5	24.9	24.2	23.5	22.7	21.8	20.7
St. Charles	do	25	21.1	21.6	22.2	22.8	23.5	24.3	25.2	26.3	27.3	27.9	28.3	28.5	28.6	28.6	28.5	28.4	28.2	27.9	27.5	27.0	26.9	26.8	26.3	26.0	25.7	25.5	25.3	24.9	24.5	24.1	23.6
Glenwood	Caddo	..	5.7	5.6	5.6	5.5	5.5	5.5	5.6	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
Arkadelphia	Ouachita	17	9.4	8.4	8.1	7.7	8.0	7.7	8.0	5.6	8.2	7.4	5.7	7.5	7.5	7.6	7.5	7.3	6.9	5.4	5.3	6.6	6.1	6.8	6.6	6.7	5.2	5.3	6.1	7.0	6.9	6.5	5.6
Boughton	Little Mo.	20	13.4	13.3	8.9	8.6	7.4	8.1	8.4	9.6	10.2	9.0	7.9	7.6	7.0	6.7	6.4	6.3	6.3	6.2	6.2	5.4	5.4	5.2	5.2	5.3	5.4	5.4	5.5	5.4	5.4	5.2	5.2
Camden	Ouachita	26	22.6	23.0	22.8	21.4	18.5	15.2	13.1	12.8	13.6	15.6	15.5	14.0	12.2	11.5	10.9	10.5	9.7	9.0	8.0	7.4	8.0	7.5	7.1	7.4	7.4	7.5	7.0	7.9	8.1	8.7	9.2
Benton	Saline	20	7.6	7.6	7.3	7.2	7.0	6.9	6.9	6.9	7.0	5.8	5.2	5.1	5.1	5.1	5.1	5.1	5.3	5.4	5.4	5.3	5.2	5.2	5.2	5.0	4.9	4.8	4.7	4.7	4.7	4.7	5.0
Index	Red	25	16.6	15.0	14.2	11.5	10.8	10.5	10.4	10.2	9.9	9.6	9.5	9.4	9.4	9.0	9.0	8.9	8.8	8.8	8.7	8.6	8.4	8.4	8.3	8.2	8.0	7.8	7.7	7.7	7.6	7.6	7.6
Fulton	do	25	19.9	19.1	17.6	16.3	15.1	14.0	12.8	12.0	11.5	11.0	10.6	10.2	10.0	9.8	9.6	9.4	9.3	9.2	9.0	8.8	8.6	8.4	8.2	8.1	8.0	8.1	8.0	7.8	7.6	7.6	7.6
Big Lake Outlet	St. Francis	10	7.6	7.9	8.0	8.0	7.9	7.8	7.6	7.5	7.4	7.1	6.8	6.6	6.5	6.3	6.2	6.1	5.9	5.9	5.8	5.6	5.4	5.2	5.3	5.4	5.3	5.5	5.1	5.1	5.0	5.1	5.1
St. Francis	do	18	16.7	17.3	17.8	18.8	19.5	19.3	18.4	16.6	13.2	13.1	14.4	15.2	15.7	16.0	16.2	16.4	16.5	16.6	16.7	16.5	16.1	15.4	14.4	12.8	11.5	10.5	9.8	9.2	8.7	8.2	7.8
St. Francis L.L.	do	..	20.3	20.5	20.6	20.6	20.7	20.7	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.5	21.4	21.2	21.1	20.8	20.8	20.6	20.6	20.7	20.7	20.7	20.8	20.8	20.7	20.7	20.6	20.5
Marked Tree	do	17	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.0	7.9	7.8	7.7	7.7	7.7	7.7	7.3	7.5	7.6	7.6	7.7	7.7	7.7	7.6
Parkin	do	28	8.9	8.6	8.4	8.6	9.0	9.4	9.9	10.4	11.9	11.3	11.5	11.8	12.1	12.4	12.6	13.0	13.1	13.1	13.0	12.8	12.3	11.6	10.7	9.5	8.5	8.1	7.9	7.7	7.7	7.7	7.7
Madison	do	32	8.4	10.2	12.2	13.5	15.1	16.2	16.2	17.8	18.5	18.7	19.2	19.5	19.8	20.0	20.3	20.5	20.7	20.8	20.8	20.1	19.2	17.9	16.1	14.1	11.3	10.0	8.6	7.6	7.4	7.4	7.4
Helena	Mississippi	42	24.4	28.9	31.9	33.9	35.2	36.2	37.1	37.8	38.2	38.7	38.9	39.3	39.5	39.7	39.9	40.1	40.1	40.0	39.7	39.0	37.5	35.2	31.9	28.1	24.5	21.6	19.8	19.0	19.0	19.3	19.7
Arkansas City	do	42	20.0	21.9	25.5	27.6	28.8	29.7	30.3	30.4	30.6	30.9	31.3	31.6	32.0	32.2	32.4	32.5	32.7	32.8	32.7	32.6	32.0	30.9	29.6	28.0	25.8	23.8	21.5	19.6	18.2	18.0	17.8

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated. observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ^{1}Precipitation is for the 24-hour period, midnight to midnight. ^{2}Precipitation measured in morning; amount recorded is for the preceding 24 hours. ^{3}Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake. Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Spings, Ohio; Devils Knob, Salus; Eagle Gap. Eagleton; Eleven Point, Route 1. Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office. Little Rock, Ark. 3-20-43-1000

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVIII LITTLE ROCK, ARK., FEBRUARY, 1943 No.2

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GENERAL SUMMARY

The month was considerably warmer than an average February, and was the warmest in five years. Mild weather prevailed during the first 10 days and again from the 18th to the 24th. The coldest weather occurred from the 13th to the 17th with most stations experiencing their lowest temperatures on the 15th or 16th. These minima were 20° or lower at most stations. Sunshine was considerably above normal.

This was the driest February since 1895 and the second driest on record. Incidently, the total average precipitation for January and February amounted to 2.00 inches. With the exception of June and July, 1930, with a total of 1.61 inches, and September and October, 1891, with a total of 1.59 inches, no similar period has been as dry. Only about one third of the stations reported more than an inch of precipitation. The heaviest precipitation occurred in the southern counties but even in those sections, it was less than normal in most instances. There was an average of only three days during the month with precipitation. Snowfall was light and occurred on only one day, the 14th. Rivers were at low stages or falling throughout the month.

The dry weather favored farm work, although in many sections, dry soil retarded spring plowing. Oats, early potatoes and other crops were being planted during February. However, germination was delayed because of the drought. Fruit trees were being pruned and sprayed. Strawberry plants suffered from the lack of moisture. At the end of the month, cherry trees were blooming and peach trees were budding.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 81 stations, was 47.5°, which is 3.9° above the 53-year average for February. The highest monthly mean temperature was 53.6° at El Dorado and the lowest was 42.6° at Gilbert. The highest temperature recorded was 83° at Benton on the 9th, the lowest was 7° at Lead Hill and Turnpike on the 16th.

PRECIPITATION

The average precipitation for the State, as determined from the records of 111 stations, was 1.00 inch, which is 2.36 inches below the 53-year average for February. The greatest monthly amount was 3.87 inches at Crossett and the least was 0.16 inch at Clover Bend. The greatest amount reported in any 24 consecutive hours was 2.27 inches at Whitecliffs on the 2d.

The average snowfall for the State was 0.4 inch. which is 1.4 inches below the average of previous years. Amounts varied from three inches at Green Mountain to none at many stations.

B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:---5,9.
Sleet:---10,11.
Hail:---10,20.
Thunderstorms:---2,3,10,20,21.
Dense Fog;---18,19,20,21,28.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Bentonville	31.78	16	29.50	5	9.8	22	sw.	9	..	..	..	81	608
Fort Smith	30.68	16	29.49	5	8.2	33	n.	26	65	58	44	71	469
Little Rock	30.74	16	29.52	5	9.9	30	w.	5	74	48	51	77	459
Memphis .	30.74	16	29.59	5	10.4	25	nw.	27	78	57	62	60	522

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.5	80	6	2.92	....	8	10	9	9
1892	49.0	78	18	3.47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	46.6	89	7	2.59	0.7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2.7	6	12	6	10
1900	39.7	74	−5	5.06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	−2	2.60	3.2	5	9	8	11
1903	41.0	79	−12	7.63	2.7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.3	82	−29	2.55	7.1	7	9	6	13
1906	41.8	75	−7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2.77	0.5	6	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	6	9
1910	39.0	75	−13	3.66	5.9	7	11	6	11
1911	49.8	87	7	4.31	0.3	9	9	8	11
1912	37.9	78	−7	2.80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	−2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	43.4	89	−4	1.93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3.34	2.5	8	13	4	11
1920	45.0	79	−2	1.26	1.0	5	11	8	10
1921	48.3	85	−3	3.59	9.8	6	15	5	8
1922	47.8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1.9	8	11	4	13
1924	42.9	82	−7	2.26	0.4	7	12	4	13
1925	49.3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35.4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3.92	0.0	6	12	6	10
1931	48.2	75	14	4.77	T.	8	13	4	13
1932	52.0	86	9	4.72	T.	9	13	5	11
1933	41.5	82	−13	3.53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.44	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
1937	44.2	84	12	2.11	0.2	6	11	7	10
1938	50.9	87	8	6.08	0.1	7	9	7	12
1939	43.6	76	4	8.56	3.2	12	10	5	13
1940	41.9	88	10	3.31	3.2	10	7	5	17
1941	40.8	72	7	2.92	3.4	8	11	5	12
1942	41.2	81	−2	2.97	1.4	8	9	7	12
1943	47.5	83	7	1.00	0.4	3	14	8	6
Period	43.6	93	−29	3.36	1.8	7	11	6	11

NAT.
HIST.

Climatological Data for February, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline	755	6	48.2	......	73	7§	16	15§	0.75	......	0.61	2-3	1.0	3	13	10	5	w.	L. R. Water Works
Arkadelphia	Clark	200	47	47.6	......	78	3	18	15	0.73	-2.88	0.67	2	0.0	3	12	7	9	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	58	......	......	......	......	......	......	1.91	-2.41	1.50	4	0.0	6	15	3	10	......	John W. Trammell
Batesville Airway	Independence	363	6	46.2	+5.4	75	3§	15	15	0.79	......	0.59	2-3	1.0	4	13	11	4	nw.	Airway Observer
Batesville Livestk.	Independence	....	2	44.1	......	75	3§	10	16	0.75	......	0.61	2-3	1.4	4	19	8	1	sw.	University of Arkansas
Batesville River	Independence	277	43	......	......	......	......	......	......	0.76	-2.68	0.48	2-3	0.8	5	15	9	4	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	44.5	+1.7	75	3	10	16	0.90	-2.14	0.70	2	1.0	3	20	5	3	w.	Miss Minnie Scanlan
Benton	Saline	285	7	45.8	......	83	9	14	15§	0.63	......	0.53	2-3	0.0	3	20	6	2	sw.	S. A. Burks
Bentonville	Benton	1295	37	43.3	+3.7	71	23	11	16	0.96	-1.18	0.92	2	T.	2	13	15	0	sw	U. S. Weather Bureau
Bethesda.......†	Independence	500	3	43.2	......	75	3	12	16	0.76	......	0.60	2-3	1.4	3	18	9	1	nw.	Soil Conservation Ser.
Big Lake Outlet..†	Mississippi	239	12	......	......	......	......	......	......	1.43	-2.03	0.83	20	T.	4	12	2	14	......	C. J. Brooks
Black Rock	Lawrence	259	41	......	......	......	......	......	......	0.95	-2.30	0.51	3	0.0	4	17	1	10	......	Vernon C. Howe
Bluff City	Nevada	....	2	51.4	......	75	3§	20	15	0.93	......	0.56	2	0.0	2	20	3	5	sw.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	45.8	+0.6	72	3	11	16	0.90	-1.88	0.52	3	T.	2	19	7	2	s.	Maureen K. Norris
Booneville (near)	Logan	465	28	48.2	+2.0	76	7	19	11§	0.71	-1.89	0.54	2	0.0	3	18	8	2	w.	F. H. Randolph
Boughton.......†	Clark	235	7	......	......	......	......	......	......	1.22	......	0.72	2-3	0.0	4	12	5	11	......	Mrs. Ruby Brown
Brinkley	Monroe	205	51	46.8	+2.6	78	5	13	14§	1.19	-3.01	0.41	20	1.5	7	9	6	13	sw.	U. S. Weather Bureau
Calico Rock	Izard	361	38	......	......	......	......	......	......	0.55	-2.21	0.51	2	1.0	2	13	4	11	......	William Jones
Camden	Ouachita	116	57	52.4	+5.2	77	23	21	15§	1.83	-2.02	0.90	2-3	0.0	5	11	13	4	s.	J. M. Knight
Camp Robinson	Pulaski	463	2	48.6	......	76	3§	17	15§	1.37	......	0.75	20	0.0	4	3	21	4	nw.	U. S. Army
Clarendon	Monroe	172	38	......	......	......	......	......	......	0.99	-2.93	0.54	20	1.0	5	13	7	8	......	R. M. Wheatley
Clover Bend	Lawrence	235	4	44.0	......	75	5	11	15§	0.16	......	0.16	1	0.0	1	9	18	1	se.	Farm Security Adm.
Conway	Faulkner	309	59	49.6	+5.2	80	3	16	15	0.78	-2.68	0.53	2-3	2.5	2	15	10	3	s.	E. E. Cordrey
Corning	Clay	293	49	45.8	+5.8	75	3	11	16	0.79	-2.56	0.45	3	0.0	4	20	8	5	w.	Robert B. Polk
Cotter	Baxter	440	15	......	......	......	......	......	......	0.79	-1.86	0.62	2-3	1.9	2	13	11	4	......	O. B. McSpadden
Crossett (near)	Ashley	175	30	50.9	+1.5	77	23	14	15	3.87	+0.13	2.02	3	0.0	6	16	4	8	sw.	U. S. Forest Service
Danville	Yell	327	26	......	......	......	......	......	......	0.35	-2.43	0.31	2	T	2	11	15	2	......	J. M. Patterson
Dardanelle	Yell	330	56	49.2	+4.4	78	3	18	16	0.68	-2.20	0.47	2	0.0	2	10	11	7	s.	Geo. N. Goodier
DeQueen	Sevier	426	7	48.8	......	76	4§	20	27	1.17	......	0.89	2-3	0.0	3	25	1	2	......	L. D. McCown
Des Arc	Prairie	204	4	49.8	......	81	4	18	15	0.41	......	0.38	2	0.0	2	11	4	13	......	Z. R. Glenn
Devils Knob.....†	Johnson	2350	6	43.3	......	67	23	8	16	1.48	......	1.25	2-3	0.4	3	19	1	8	sw.	U. S. Forest Service
Dumas	Desha	162	37	50.8	+1.8	77	9	19	15	1.09	-3.52	0.52	3	0.8	7	7	13	8	s.	Ben Johnson
El Dorado	Union	270	42	53.6	+4.6	78	11	21	15	0.43	-3.17	0.20	1	0.0	3	17	6	5	s.	Mrs. E. W. Gaston
England	Lonoke	229	36	47.2	+0.4	71	9§	20	15§	0.60	-3.20	0.30	3	0.0	3	12	11	5	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	42	46.0	+4.8	73	9	9	16	0.96	-1.50	0.78	2-3	1.0	3	21	6	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	5	46.2	......	72	8	13	16	0.73	......	0.56	2	T.	2	11	12	5	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	55	45.0	+4.6	71	8§	11	16	0.82	-1.38	0.51	2	T	2	12	13	3	sw.	University of Arkansas
Fordyce	Dallas	280	2	51.4	......	76	23	19	15	0.87	......	0.75	3	0.0	3	15	7	6	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	48.2	+5.4	73	8	22	16	1.07	-1.49	1.03	2	0.0	2	12	11	5	e.	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	5	......	......	......	......	......	......	1.04	......	1.04	2	0.0	1	21	6	1	......	Ft. Smith Water Plant
Fulton	Hempstead	260	57	......	......	......	......	......	......	1.57	-1.86	1.22	2-3	0.0	4	12	8	8	......	D. J. Logan
Georgetown	White	200	30	......	......	......	......	......	......	0.65	-3.03	0.40	2-3	1.0	3	20	0	8	......	C. G. Long
Gilbert	Searcy	600	17	42.6	......	75	4§	9	16§	0.98	-1.25	0.49	2-3	0.5	4	19	5	4	w.	F. E. King
Glenwood	Pike	547	7	......	......	......	......	......	......	1.14	......	1.02	2-3	0.0	2	11	2	15	......	Chas. A. Price
Grannis	Polk	950	23	47.0	+1.4	74	23	17	15	1.52	-2.74	0.97	2-3	0.0	4	13	5	10	s.	W. E. McVay
Gravette	Benton	1250	45	44.6	+5.5	71	8§	10	16	0.82	-1.07	0.82	3	0.0	1	23	4	1	sw.	Julius A. Schmidt
Green Mountain..†	Stone	1100	5	47.2	......	76	3	9	16	0.34	......	0.30	14	3.0	2	21	1	6	s.	U. S. Forest Service
Harrison	Boone	1052	42	45.4	+6.4	74	8	10	16	0.82	-1.68	0.79	2	0.8	2	17	11	0	sw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	13	......	......	......	......	......	......	0.83	-1.61	0.53	2-3	0.6	6	19	6	3	......	Lester B. Logan
Helena	Phillips	300	70	48.9	+3.8	73	23	15	15	0.90	-2.99	0.49	2-3	1.1	5	14	2	12	nw.	James A. Burnett
Highland	Pike	491	23	47.8	+0.2	70	3§	18	15	1.40	-1.97	0.90	2-3	0.0	2	12	13	3	sw.	Clyde Cooley
Hope (near).....‡‡	Hempstead	375	72	47.8	-0.6	77	3	19	15§	1.48	-2.34	1.17	2-3	0.0	4	11	7	10	sw.	University of Arkansas
Hot Springs	Garland	600	51	50.8	+3.8	74	3§	18	16	0.96	-2.55	0.88	2-3	0.0	4	14	10	4	s.	National Park Service
Index.......†	Little River	275	25	......	......	......	......	......	......	1.55	-1.26	0.95	2-3	0.0	3	17	2	9	......	W. E. McDowell
Irons Fork.....†‡‡	Polk	1385	4	43.8ᵃ	......	72	3§	13ᵃ	11§	0.96	......	0.74	2-3	0.0	2	16	6	6	se.	U. S. Forest Service
Jessieville	Garland	750	16	......	......	......	......	......	......	1.55	-1.41	1.00	2-3	0.0	2	11	13	4	sw.	U. S. Forest Service
Jonesboro	Craighead	345	47	48.0	+5.6	75	3	15	16	0.96	-2.68	0.57	20	0.0	5	10	8	10	sw.	Benedictine Sisters
Lead Hill	Boone	650	36	42.8	+4.4	76	9	7	16	0.79	-1.45	0.69	2-3	1.0	2	21	5	2	n.	I. H. Crosswhite
Little Rock	Pulaski	257	63	48.6	+3.7	76	3	20	15	0.96	-2.88	0.50	2-3	0.7	5	11	6	11	sw.	U. S. Weather Bureau
Lutherville.......†	Johnson	775	44	47.2	+4.8	74	23	13	16	0.75	-2.33	0.75	2-3	T	1	18	6	4	w.	Clarence Lenhardt
Madison	St. Francis	209	12	......	......	......	......	......	......	1.37	-3.12	0.75	20	1.0	4	9	1	18	......	J. W. Eppes
Magnolia	Columbia	315	26	52.6	+1.2	79	5	21	15	0.57	-3.22	0.45	1	0.0	2	12	9	7	nw.	State Agri. School
Mammoth Spring	Fulton	600	38	44.7	+4.4	75	9§	11	16	0.62	-2.32	0.62	2	0.0	1	19	8	1	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	46.3	+0.5	72	9§	17	15	1.92	-2.02	0.81	3-4	2.0	6	10	9	9	s.	University of Arkansas
Marked Tree	Poinsett	229	38	44.4	+0.8	74	19	12	16	0.70	-3.12	0.40	2	0.0	4	4	17	7	n.	Charles Walton
Mena	Polk	1207	54	48.2	+4.0	73	3	20	15§	0.64	-2.68	0.62	2	0.0	3	17	4	7	sw.	E. W. St. John
Monticello	Drew	273	2	50.6	......	77	9	19	15	1.56	......	0.93	3	0.0	7	7	11	10	sw.	Airway Observer
Morrilton.......†	Conway	315	26	45.3	-0.1	76	18§	14	16	0.58	-2.16	0.43	2	T.	4	8	13	7	nw.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	......	......	......	......	......	......	0.99	......	0.99	2	0.0	1	15	12	1	sw.	C. A. Lovell
Mountain Home .†	Baxter	800	30	45.4	+3.1	76	9	9	16	0.66	-2.09	0.60	2-3	1.5	2	17	6	5	w.	H. N. Haibert
Mountain Valley	Garland	788	5	......	......	......	......	......	......	1.21	......	0.73	2-3	0.0	2	11	10	7	e	C. A. Cockman
Mount Ida	Montgomery	702	43	46.8	+1.2	76	7	14	15§	0.96	-2.58	0.90	2-3	0.0	2	9	12	7	w.	J. S. Whittington
Mulberry (near)..†	Franklin	433	4	......	......	......	......	......	......	1.06	....	1.03	2	0.0	2	19	1	8	......	Clifton H. Ward
Nashville	Howard	350	4	49.0ᵃ	......	76ᵃ	3§	20ᵃ	15	1.37	......	0.68	2-3	0.0	5	23	3	2	ne.	Brice Carruth
Newport	Jackson	231	59	47.7	+5.7	76	3	17	15§	0.78	-2.46	0.56	20	T.	3	15	11	2	n.	J. D. Henderson
Nimrod Dam	Perry	....	1	47.1ʰ	......	73ʰ	5§	16ʰ	15	1.14	......	0.59	20	0.0	2	15	7	6	e.	U. S. Engineers
Oden	Montgomery	800	15	47.7	......	75	3	15	16	0.95	-2.70	0.74	3	0.0	3	12	10	6	sw.	U. S. Forest Service
Okay	Howard	288	14	......	......	77ᵏ	23	20ᵏ	15§	1.47	-2.48	0.98	3	0.0	2	......	......	......	......	Charles R. Jackson
Osceola	Mississippi	250	42	......	......	......	......	......	......	0.83	-2.61	0.40	20	T.	4	15	11	2	......	G. H. Banks
Ozark	Franklin	396	47	47.1	+3.7	76	23	15	16	1.04	-1.66	0.96	2	0.0	2	11	15	2	se.	Orkney O. Milton
Paragould	Greene	275	19	45.6	......	71	3	14	16	0.98	-2.75	0.37	2-3	0.0	4	20	5	3	sw.	J. E. Garrett
Parkin	Cross	222	12	......	......	......	......	......	......	1.08	-2.98	0.72	20	T.	2	12	3	13	......	Carroll King
Perryville	Perry	325	3	47.8	+3.4	81	19	15	15	0.52	-2.90	0.28	20	T.	2	7	18	3	W.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	55	52.2	+5.7	77	23	20	15	1.13	-2.78	0.82	2-3	T.	4	8	14	6	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	......	......	......	......	......	......	0.59	-2.95	0.59	2-3	0.0	1	10	13	5	e.	J. R. Huddleston
Pocahontas	Randolph	300	49	45.8	+4.2	74	3§	11	16	0.40	-2.94	0.30	3	0.0	2	19	9	0	sw.	Benedictine Sisters
Portland	Ashley	122	36	52.2	+2.5	75	23	20	15	2.46	-1.71	1.48	3	0.0	4	13	7	8	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	52.0	+4.6	77	3	21	15	1.25	-2.45	0.75	2-3	0.0	4	16	3	9	s.	W. R. Hambright
Rogers	Benton	1300	52	43.6	+4.1	74	9	10	16	1.06	-0.81	0.95	2	0.0	2	17	10	1	sw.	Howard Fowler
Rosebud	Faulkner	680	8	......	......	......	......	......	......	0.72	......	0.35	3	1.2	4	20	8	0	nw.	G. A. Maddox
Russellville.....‡‡	Pope	526	39	47.0	+5.9	76	3	16	16	0.55	-2.78	0.45	14	T.	2	13	10	5	w.	Ark. Tech. College
St. Charles	Arkansas	175	9	47.6	......	73	9§	16	15	0.95	......	0.53	3	2.0	5	8	11	9	w.	U. S. Biological Survey
St. Francis	Clay	290	15	......	......	......	......	......	......	0.70	-2.73	0.42	2	0.0	3	19	0	9	......	W. S. Buckley
Searcy	White	245	32	48.0	+2.9	77	3	11	15	1.35	-1.98	0.70	20	0.0	6	15	6	7	sw.	Walter A. Smith
Sheridan (near)..†	Grant	....	2	50.1	......	78	3	15	15	1.27	......	0.58	3	0.8	5	9	13	6	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	43.4	......	68	20	11	16	0.83	......	0.83	2	0.0	1	19	8	1	s.	John Brown University
Springbank......†	Miller	240	33	......	......	......	......	......	......	0.47	-2.93	0.15	1	0.0	4	15	0	13	......	Henry Field
Story	Montgomery	650	18	......	......	......	......	......	......	1.23	-2.23	0.83	3-4	0.0	2	18	5	5	n.	S. C. Story
Stuttgart	Arkansas	214	55	48.8	+3.6	74	3§	15	15	0.76	-3.22	0.42	2-3	2.0	4	7	8	3	nw.	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas	198	7	46.6	......	73	9§	17	15	0.84	......	0.35	2-3	2.0	4	......	......	......	......	University of Arkansas

Climatological Data for February, 1943 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	44	48.4	+ 4.6	75	19	18	16	0.47	−2.38	0.45	2−3	0.0	2	15	7	6	sw.	New Subiaco Abbey
Texarkana	Miller	332	58	51.1	+ 2.7	76	3	24	15	1.18	−2.20	0.46	2	0.0	5	16	5	7	s.	U S. Weather Bureau
Turnpike†	Pope	2240	18	44.0	......	69	3§	7	16	1.20	−2.15	1.02	2−3	0.5	4	18	6	4	sw.	U. S. Forest Service
Wabash	Phillips	179	3	53.0	......	78	24	17	15	0.85	......	0.52	2−3	0.1	4	8	14	6	s.	Farm Security Adm.
Waldron	Scott	675	23	48.2	......	80	3	17	16	0.89	−2.66	0.52	2	0.0	3	4	22	2	se.	Lavon Shoptaw
Warren	Bradley	206	48	52.4	+ 5.2	77	9	20	15	0.88	−3.37	0.60	3	0.0	4	8	2	18	nw.	C. N. Turner
Whitecliffs	Little River	290	36	....	......	......	......	......	......	2.27	−0.88	2.27	2	0.0	1	18	1	9	......	L. M. Snead
White Rock†	Franklin	2285	6	43.6	......	68	3	9	16	1.32	......	1.32	2	T.	1	19	7	2	sw.	U. S. Forest Service
Wilson	Mississippi	237	17	....	......	......	......	......	......	0.54	−2.61	0.36	20	T	3	16	3	9	n.	Miss Winona Anderson
Wright	Jefferson	234	3	48.3	......	75	23	16	15	1.14	......	0.51	3	0.5	4	22	6	0	se.	Farm Security Adm.
Wynne	Cross	167	34	46.5	+ 2.2	74	3§	13	16	0.24	−3.44	0.15	3	0.5	4	14	5	9	s.	B. M. Eddins
State Means				47.5	+ 3.9	83	9	7	16	1.00	−2.36	2.27	2	0.4	3	14	8	6	sw.	

Daily Precipitation for February, 1943

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				Total
Abbott[2]	Arkansas			.48							.17											.46											1.11
Alum Fork Reser.	Ouachita			.61											.05						.09												0.75
Arkadelphia[2]	Ouachita	.01		67							.05																						0.73
Arkansas City[2]	Mississippi	.11		.12	1.50							.11				.02						.05											1.91
Batesville Air'y.[1]+	White		38	.21							T.		T.		.04						.16												0.79
Batesville Livestk[1]	White	.06		61							T.			T.	04	T.						.04											0.75
Batesville River[2]	White	.10		.48											*	03						.15											0.76
Beaty Lake(near)	St. Francis	T.		.42							.06		T.		.03				.05	.07	.56	.08											1.27
Bee Branch	Arkansas			.70											.10							.10											0.90
Beech Grove(near)	White																						.10										0.10
Beedeville[2]	White	.03		.30								.04			T.	.03				T.		.09											0.49
Benton[2]	Saline	.07		.53							.03				T.	T.						T.											0.63
Bentonville[1]‡	Arkansas		.92							.04	T.				T																		0.96
Bethesda[2]	White	.12		.60											04																		0.76
Big Lake Outlet[2]	St. Francis	.16		.36			T.					.08			T					T	T.	.83											1.43
Black Rock[2]	White	.19		.51								T.								.22		.03											0.95
Bluff City..(near)	Ouachita			.56																		.42											0.98
Blytheville[2]	St Francis			52			T				T.				T.							.38											0 90
Booneville (near)	Arkansas			.54							.05										.12												0.71
Booneville[2]	Arkansas	.02		.05																		.17											0.24
Boughton[2]	Ouachita	.08		72						.05												.37											1.22
Brinkley[1]	White		T	.38	T.					T.	.04		.01		.08				.15		.41								.12				1.19
Calico Rock[2]	White			.51								T.		T.	.04							T											0.55
Camden	Ouachita	.38		.50	.40															.03		.52											1.83
Camp Chaffee	Arkansas																																....
Camp Robinson[1]	Arkansas		.59								.01				.02						.75												1.37
Carlisle[2]	Arkansas			.45												.17						.35											0.97
Clarendon[2]	White			.38							.03	.01			T.	.03				T		.54											0.99
Clover Bend	White	.16																			T.												0.16
Cold Springs	Ouachita			.61																		.22											0.83
Conway	Arkansas			.53											.25																		0.78
Corning[2]	White			.45			.07														.02	.25											0.79
Cotter[2]	White			.62											.17																		0.79
Crossett ..[near]	Ouachita	.32		2 02	.71	.03					.06											.73											3.87
Danville[2]	Arkansas	T.		.31								T.				T.						.04											0.35
Dardanelle[2]	Arkansas			.47											T							.21											0.68
Denmark[2]	White			.35											.03	.02						.13											0.53
De Queen	Red		.43	.46																		.28											1.17
Dermott[2]	Mississippi	.09		.11	1.50							.07				T.						.09											1.86
Des Arc[2]	White			.38								T				.06																	0.44
Devils Knob	Arkansas			1.25							.19				.04																		[illegible]
Dumas	Mississippi	.03		.52	.32	.01					.06				.03						.12				T.				T				1.09
Eagle Gap[2]	Arkansas	.03		1.10																		.75											1.88
El Dorado[2]	Ouachita	.20		.14	.09																	T.				T.							0.43
Eleven Point[2]	White			.58							T.									.09	.04												0.71
England	Arkansas			.30											.02						.28												0.60
Eureka Springs	White			.78							.10				.08																		0.96
Evening Shade[2]	White	.05		.54								T.		.02	T						.05	.26											0.92
Fayetteville	White			.56	T.						.17		T.																				0 73
Fayetteville Exp. S	White			.51							.31		T.		T.																		0.82
Fordyce	Arkansas			.75																	.08	.04											0.87
Forester[2]	Arkansas			.67																		T											0.67
Fort Smith[1]‡	Arkansas		1.03							T.									T.		.04												1.07
Fort Smith W.[2]	Arkansas			1 04																													1.04
Fulton[2]	Red	.12		1.22							.10									T.		.13											1.57
Georgetown[2]	White			.40											.10					T		.15											0.65
Gilbert[2]	White			.49									.02		.05							.42											0.98
Glenwood[2]	Ouachita			1.02																	.12												1.14
Grannis	Red		22	.75							T.								.26			29											1.52
Gravelly[2]	Arkansas			.57																		.18											0.75
Gravette	Arkansas			.82																													0.82
Green Forest[2]	White			.70							T.				.04																		0.74
Green Mountain	White			.04											.30																		0.34
Greenwood[2]	Arkansas			1.00							.15											.10											1.25
Harrisburg[2]	St. Francis			.45			.05															.56											1.06
Harrison	White			.79								T			.03																		0.82
Heber Springs[2]	White	.02		.53							.02	T			.06	.02						.18											0.83
Helena[2]	Mississippi	.02		.48	.01							T.				.06						.33											0.90
Henderson[2]	White			.78											.08																		0.86
Highland	Ouachita			.90																	.50												1.40
Hope[2]	Red	.05		1.17							.10											.16											1.48
Hot Springs	Ouachita			.88							T.								.01		.06								.01				0.96
Huttig[2](near)	Ouachita	.24		.18	1.38	T.						.08										.49											2.37
Index[2]	Red			.95																	.40								.20				1.55
Irons Fork[2]	Ouachita	T.		.74							T											.22											0.96
Jessieville	Ouachita			1.00																	.55												1.55
Jonesboro[2]	White	.10		.27								.01		.01							T.	57											0.96
LaCrosse[2]	White			.76							T.				.08							.10											0.94
Lake City[2]	St. Francis				.33							.07										.27											0.67

Daily Precipitation for February, 1943 Continued

Stations	Drainage basin	Day of Month																												Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Lead Hill	White			.69							T.		T.		.10															0.79
Little Rock[1†]	Arkansas		.14	.36							.11				.03				T		.32								T.	0.96
Lutherville	Arkansas			.75											T.						T.									0.75
Madison[2]	St. Francis	T.		.30											.20					.12		.75								1.37
Magnolia	Red	45		.12																										0.57
Mammoth Spg [2]	White	T		.62																		T								0.62
Marianna [2]	St. Francis			.33	.48						.10	T.			.38	T.				.25		.38								1.92
Marked Tree[2]	St. Francis	.03		.40								.07										.20								0.70
Marshall [2]	White			.49																	.60									1.09
Marvell[2]	White				.24	.74									.04	.19						.94	1.19							3.34
Mena[2]	Ouachita	.01		.62																T.	T.	.01								0.64
Monticello [1†]	Ouachita	.07		.93	.01						.04				T.						.08	.01							.42	1.56
Morobay [2] (near)	Ouachita	.02		.10	.06																	.02								0.20
Morrilton[2]	Arkansas			.43							.10					.05						T.								0.58
Mountainburg	Arkansas			99																										0.99
Mountain Home	White			.60											.06															0.66
Mountain Valley	Ouachita			.73																	.48									1.21
Mtn. View [2](near)	White	.14		.31					T.						.03	T.						T								0.48
Mount Ida	Ouachita			.90																	.06									0.96
Mulberry[2]	Arkansas	.03		1.03																										1.06
Nashville	Red		.25	.43							.02										.25	.42								1.37
Newhope(near) [2]	Ouachita																													....
Newport[2]	White	.01		.21								T.			T.	T.						.56								0.78
Nimrod Dam	Arkansas			55																	.59									1.14
Odell (near)[2]	Arkansas	.01		1.05																										1.06
Oden	Ouachita			.74															.03		.18									0.95
Okay	Red			.98																	T.	.49								1.47
Osceola[2]	Mississippi	.06		.28								.09	T.									.40								0.83
Ozark[1]	Arkansas			.96							.08											T								1.04
Paragould	St. Francis	.11		.37							T.									.21	.29									0.98
Parkin[2]	St. Francis			.36											T.	T.						.72								1.08
Perryville	Arkansas			.24											T						.28									0.52
Pine Bluff [2]	Arkansas	.05		.82							.04	T.				T.						.22								1.13
Pine Ridge[2]	Ouachita			.59																									T.	0.59
Pocahontas	White			.30																.10										0.40
Portland [2]	Ouachita		.35		1.48	.05						T.										.58								2.46
Prescott[2]	Ouachita	.04		.75							.05									T.		.41								1.25
Rogers	White			.95							.11																			1.06
Rosebud	Arkansas			.35							.08				.12							.17								0.72
Russellville	Arkansas														.45						.10									0.55
St. Charles[2]	White			.53							.03	T.			.04	.04						.31								0 95
St. Francis[2]	St. Francis		.42																		.05	.23								0.70
St. Paul[2](near)	White			1.22																		.20								1.42
Searcy[2]	White			.44							.07	.03			.03	.08						.70								1.35
Sheridan (near)	Ouachita	.05		.58							10				.02				T.		.52									1.27
Shirley [2](near)	White	.09		.83							T				T.	.04						.07								1.03
Siloam Springs	White			.83																										0.83
Sparkman[2] (near)	Ouachita	.06		.70							.09										.19	.02							.04	1.10
Springbank[2]	Red	.15		.12							.10	T.										.10								0.47
Stamps[2](near)	Red	T.		.01																	.50								T.	0.51
Stephens [2] (near)	Ouachita			1.00	.60																	.20								1.80
Story[2]	Ouachita				.83																	.40								1.23
Stuttgart[2]	Arkansas	.03		.42												.02						.29								0.76
Stuttgart Evap.[2]	Arkansas	.06		.35							03					.25						.15								0.84
Subiaco	Arkansas			.45																	.02									0.47
Sugar Grove [2]	Arkansas	.08		.49																		.10								0.67
Texarkana [1]	Red	.15	.46	T							.12								T.		T.	.12							.33	1.18
Tichnor [2]	White			.67	.18	T.						.13				.12						.27								1.37
Turnpike	Arkansas			1.02							.13		T.		.02							.03								1 20
Viola	White			.58											.03															0.61
Wabash	Mississippi			.52	.07										.01							.25								0.85
Waldron	Arkansas			.52																	.33	04								0.89
Walnut Grove(nr)	White	.20		.48									T.		T.						.36									1.04
Warren	Ouachita	.15		.60							.05											.08								0.88
Whitecliffs [2]	Red			2.27															T.		T									2.27
White Rock	Arkansas			1.32											T															1.32
Wilson [2]	Mississippi			.08							.10				T.							.36								0.54
Wright	Arkansas	.20		.51											02						.41									1.14
Wynne[2]	St. Francis			.15											.02						.02	.05								0.24

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for February, 1943

(See precipitation data in table on preceding page)

Station	Data	Day of month																												Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Bethesda.....§§	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	36	40	50	46	50	45	48	49	58	45	38	42	36	24	30	26	38	46	54	58	52	46	49	42	42	35	37	40	27.9
	Wind move	87	2	50	65	4	136	76	161	42	137	140	137	37	135	30	95	74	41	33	71	83	50	59	110	64	57	110	94	2180
Hope, ...§§ Exp. Farm	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	46	50	56	55	56	49	51	53	58	54	38	42	46	37	36	34	42	52	57	50	52	52	54	49	48	44	40	40	47.8
	Wind move	76	42	81	73	32	132	81	88	89	103	108	77	75	70	68	62	29	19	13	38	52	45	24	60	86	43	83	54	1803
Irons Fork... §§ Exp. Forest	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	....	38	53	46	50	49	47	56	56	33	34	36	37	32	34	32	40	48	54	49	53	46	52	46	45	38	36	46	43.8
	Wind move	....	1	17	15	0	30	11	14	24	30	22	11	19	13	8	8	10	5	4	9	5	6	12	22	6	21	3	9	335
Russellville....	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	38	38	58	54	51	50	48	52	61	51	40	46	42	35	32	31	42	52	57	56	54	48	54	54	45	42	40	46	47.0
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
Stuttgart, ...§§ Rice Exp. Farm	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean Tem	40	44	50	56	59	48	50	54	56	58	38	42	38	28	32	30	40	48	60	57	54	53	54	50	46	38	38	42	46.6
	Wind move	105	27	99	109	24	171	117	60	134	182	174	76	88	89	43	96	48	45	38	57	66	39	28	109	76	41	86	85	2312

Daily Temperatures for February, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				Mean
Alum Fork	Maximum	63	51	64	67	72	68	73	72	69	67	56	57	52	46	48	70	60	63	73	71	64	69	71	69	55	49	57	60				62.7
	Minimum	29	27	38	40	36	38	29	45	57	32	25	37	28	23	16	16	27	39	43	49	46	30	40	39	36	34	22	26				33.8
Arkadelphia §§	Maximum	55	63	78	65	77	63	73	75	74	56	56	63	57	38	53	54	54	70	75	66	66	72	71	53	58	57	59	56				62.8
	Minimum	35	33	46	45	38	35	27	36	36	55	20	20	30	32	18	19	20	25	41	40	41	30	30	38	39	40	20	20				32.5
Batesville ***	Maximum	50	53	75	60	71	58	72	72	70	66	55	59	39	32	48	39	62	63	75	70	66	69	69	55	54	45	58	59				59.4
	Minimum	27	25	43	39	32	34	30	47	59	25	23	37	25	16	15	16	30	34	44	50	38	31	44	40	35	27	23	39				33.1
Bee Branch	Maximum	60	53	75	72	69	65	68	70	70	60	51	58	52	37	46	43	59	62	72	72	68	65	68	67	55	50	58	57				60.8
	Minimum	21	21	41	35	28	32	26	32	51	35	11	34	24	11	11	10	18	30	39	37	40	26	35	35	31	29	17	30				28.2
Benton §§	Maximum	31	59	76	78	79	78	77	76	83	60	64	60	58	51	52	44	59	66	73	74	68	69	70	53	55	49	49	61				63.4
	Minimum	23	25	25	39	32	32	32	31	34	50	19	20	29	27	14	14	18	21	40	39	59	28	29	32	35	27	16	18				28.1
Bentonville ***	Maximum	52	54	63	57	64	51	70	70	70	46	52	49	38	28	42	45	60	67	70	68	59	66	71	49	46	38	54	49				55.3
	Minimum	20	29	39	34	34	32	35	48	46	21	19	38	23	18	18	11	32	32	47	49	36	31	38	35	28	27	24	32				31.3
Bluff City	Maximum	58	57	75	73	75	63	71	73	74	70	54	59	59	45	50	49	57	71	72	71	64	70	75	69	56	55	55	57				63.5
	Minimum	36	35	49	55	47	38	35	47	58	40	24	36	35	30	29	24	29	43	46	49	48	38	46	50	41	35	25	41				39.3
Blytheville	Maximum	60	54	72	68	69	56	67	70	69	57	49	57	50	36	38	36	60	67	69	62	59	68	70	58	50	46	56	55				58.1
	Minimum	29	25	48	42	40	37	32	39	54	38	21	35	27	18	14	11	23	35	47	45	47	32	43	35	31	32	21	39				33.6
Booneville (near)	Maximum	53	50	75	66	75	62	76	75	69	68	59	58	52	45	50	47	67	70	75	70	67	71	73	69	57	53	61	57				63.2
	Minimum	22	33	45	37	32	33	27	43	60	30	19	34	32	30	20	19	28	38	43	43	41	26	43	35	34	31	19	34				33.2
Brinkley	Maximum	49	66	73	62	78	64	70	70	70	63	53	61	44	39	41	38	60	60	71	71	64	69	73	58	55	49	54	60				60.2
	Minimum	28	24	55	31	44	57	31	46	58	28	22	32	25	13	13	17	22	44	44	46	38	34	44	39	33	28	21	41				33.5
Camden	Maximum	70	60	75	69	76	75	72	75	75	73	57	61	59	55	53	54	64	73	73	72	65	72	77	76	59	59	56	60				66.6
	Minimum	36	34	51	54	45	40	30	46	57	43	24	32	38	33	21	25	24	39	41	49	47	32	39	53	42	35	21	42				38.8
Camp Robinson **	Maximum	49	67	76	74	68	66	76	72	70	68	58	61	47	41	47	39	61	64	73	70	65	65	72	68	52	50	57	57				61.9
	Minimum	32	33	43	41	42	34	52	46	53	27	25	38	32	19	17	17	26	43	47	49	39	35	49	31	36	35	24	25				35.4
Clover Bend	Maximum	61	72	74	73	75	62	61	63	53	51	54	56	50	43	40	42	58	61	68	69	72	64	70	62	51	53	53	59				59.6
	Minimum	25	36	30	32	36	28	24	33	27	32	20	28	22	18	11	11	20	31	44	41	38	26	41	34	34	16	22	33				28.3
Conway	Maximum	59	55	80	72	76	70	77	76	69	65	61	65	54	43	47	45	67	67	77	71	69	72	73	69	64	52	62	62				64.9
	Minimum	26	26	45	41	34	36	28	44	57	35	21	37	32	22	16	19	34	40	45	39	42	30	41	40	38	32	21	40				34.3
Corning	Maximum	53	54	75	69	71	62	70	72	73	65	51	58	44	31	40	37	60	67	73	66	66	69	70	65	51	47	59	60				59.9
	Minimum	34	21	42	39	32	33	31	43	55	29	20	37	22	18	14	11	24	29	39	49	39	29	40	41	30	28	20	36				31.6
Crossett	Maximum	69	63	68	70	67	65	73	76	76	71	56	65	56	53	53	50	64	74	74	72	69	73	77	71	59	57	58	58				65.6
	Minimum	39	35	55	54	51	42	26	36	51	49	20	29	28	26	14	25	22	38	38	33	52	33	37	50	42	30	18	36				36.2
Dardanelle	Maximum	56	51	78	76	75	75	74	74	73	68	60	60	55	47	49	48	66	68	76	71	68	71	74	73	60	56	62	60				65.1
	Minimum	26	27	44	40	31	32	27	34	53	34	21	35	33	26	20	18	24	39	43	46	44	29	38	39	37	34	21	36				33.4
De Queen	Maximum	56	54	72	76	72	74	73	71	71	68	58	61	55	52	53	51	50	66	71	71	76	68	75	69	59	53	55	55				63.8
	Minimum	35	38	45	38	32	33	27	34	55	33	21	27	32	31	21	26	29	40	41	40	41	30	38	43	30	30	20	38				33.9
Des Arc	Maximum	65	54	75	81	79	71	70	71	71	70	52	60	60	43	41	42	58	60	72	72	63	68	73	71	53	53	56	59				63.0
	Minimum	31	27	49	46	40	38	34	41	59	41	23	41	31	22	18	19	26	41	47	45	46	33	47	43	38	33	26	43				36.7
Devils Knob	Maximum	39	44	65	58	64	55	64	66	61	59	48	50	39	33	44	36	55	62	66	65	64	61	67	60	48	45	50	50				54.2
	Minimum	24	33	38	39	41	30	36	47	50	19	17	37	19	14	15	8	27	43	49	49	37	43	48	31	28	25	23	37				32.4
Dumas	Maximum	63	59	72	72	70	64	71	75	77	69	56	60	53	43	50	46	63	72	75	70	74	70	76	67	60	55	50	60				64.0
	Minimum	35	32	52	55	53	42	35	45	54	38	25	36	36	25	19	20	26	42	51	43	46	35	46	41	34	32	24	30				37.6
El Dorado	Maximum	66	63	68	70	75	71	73	74	77	77	78	75	74	46	54	51	66	72	74	70	65	72	77	72	58	55	57	60				67.5
	Minimum	38	38	56	58	52	50	35	45	56	50	24	27	31	31	21	26	31	47	45	45	40	36	37	53	43	37	25	36				39.8
England	Maximum	52	49	69	67	65	65	64	65	71	71	52	59	67	45	49	38	57	68	68	65	63	62	67	65	53	48	50	55				59.6
	Minimum	30	26	46	43	41	36	34	40	52	35	22	37	33	21	20	20	24	40	48	45	41	32	40	42	35	30	23	40				34.9
Eureka Springs	Maximum	54	56	66	59	67	56	71	72	73	65	51	53	44	32	45	47	62	69	71	72	66	67	72	65	50	46	55	53				59.2
	Minimum	21	32	44	37	37	31	30	53	57	20	19	39	19	15	14	9	31	37	50	54	35	33	52	35	27	28	24	35				32.8
Fayetteville	Maximum	55	55	65	59	65	56	71	72	69	65	56	53	48	36	45	45	62	68	70	71	65	67	70	66	50	47	55	51				59.2
	Minimum	22	35	44	35	36	32	37	50	55	20	21	40	23	19	20	13	32	30	49	53	34	26	51	36	30	28	23	35				33.2
Fayetteville Exp. S	Maximum	53	54	65	57	65	54	70	71	68	65	55	51	45	34	44	44	61	68	70	71	66	66	70	66	51	48	55	51				58.5
	Minimum	21	31	44	35	31	39	34	49	56	20	18	37	22	17	17	11	32	30	47	51	33	26	51	35	27	26	18	34				31.5
Fordyce	Maximum	65	57	73	68	74	68	71	73	75	70	55	60	54	45	51	47	58	72	73	72	65	72	76	71	68	55	67	57				64.7
	Minimum	33	33	50	56	48	37	35	44	55	38	21	33	31	27	19	21	28	41	47	48	46	38	46	49	48	31	25	43				38.2
Fort Smith ***	Maximum	51	50	68	55	68	56	72	73	72	67	58	55	46	40	47	48	60	67	73	68	66	69	71	56	54	45	56	56				59.5
	Minimum	30	36	42	42	39	35	34	45	58	28	25	37	30	28	24	22	32	41	49	49	46	37	46	41	38	32	27	42				37.0
Gilbert §§	Maximum	57	58	74	75	72	75	75	75	60	40	58	57	50	32	44	49	67	69	75	73	69	73	66	63	65	56	61	57				62.3
	Minimum	16	17	24	30	24	24	24	24	46	35	12	12	25	17	11	9	9	27	30	36	32	22	22	28	24	24	15	24				23.0
Grannis	Maximum	57	57	73	66	72	62	71	69	67	66	56	60	53	46	54	55	49	60	71	62	59	68	74	67	59	54	55	53				61.2
	Minimum	33	33	43	33	34	32	30	36	49	28	18	29	30	29	17	19	19	39	43	42	42	37	41	43	34	32	21	36				32.9
Gravette	Maximum	54	56	64	59	64	54	70	71	71	67	57	53	46	33	43	45	62	68	70	70	67	67	70	53	50	44	55	50				58.3
	Minimum	17	30	44	31	33	30	31	48	55	18	15	39	19	17	17	10	32	32	46	52	35	28	51	35	27	24	18	35				31.0
Green Mountain	Maximum	49	51	76	67	69	74	73	73	73	64	55	59	45	34	42	39	60	66	75	71	68	66	67	64	61	44	57	58				60.7
	Minimum	29	36	46	39	53	35	40	49	55	25	20	40	21	19	15	9	21	40	46	47	33	34	35	43	21	25	33	36				33.8
Harrison	Maximum	51	54	70	64	69	58	73	74	72	64	55	52	44	31	44	45	65	68	72	71	63	67	72	67	50	45	61	53				59.8
	Minimum	18	24	40	34	28	35	31	44	56	22	20	40	20	16	14	10	31	29	45	53	36	25	49	38	27	30	20	37				31.1
Helena	Maximum	65	58	70	66	66	63	72	69	72	69	50	58	54	38	41	39	60	65	71	70	59	69	73	67	52	49	53	59				60.6
	Minimum	32	27	52	49	51	40	34	43	52	40	23	38	33	21	15	17	26	46	51	46	47	39	49	44	38	30	22	38				37.2
Highland	Maximum	60	51	70	61	70	63	68	68	65	65	50	57	52	45	50	46	60	64	67	61	60	65	70	66	54	51	59	51				59.6
	Minimum	33	33	43	45	40	36	33	41	53	31	21	35	34	31	18	22	29	37	45	46	45	39	44	45	35	33	25	39				36.1
Hope §§	Maximum	55	63	77	60	75	60	71	72	72	54	55	60	56	41	52	48	59	71	72	59	64	71	75	52	56	53	57	56				61.3
	Minimum	36	36	36	50	40	38	31	34	45	53	22	23	36	33	19	19	24	32	42	41	41	33	34	46	39	34	23	24				34.4
Hot Springs	Maximum	56	51	74	69	74	70	70	72	69	68	55	61	55	48	52	48	55	65	73	73	68	70	72	69	59	53	56	56				62.9
	Minimum	30	34	43	47	44	37	40	47	58	32	26	43	34	27	20	18	32	42	50	52	45	38	54	43	36	38	27	43				38.6
Irons Fork §§	Maximum	55	57	72	59	72	57	71	70	66	36	55	58	49	40	54	50	59	64	71	60	65	69	71	55	56	48	57	54				58.9
	Minimum	..	22	34	34	29	31	23	43	46	30	13	14	25	25	14	13	22	32	37	38	41	24	33	37	34	29	15	39				28.8
Jonesboro	Maximum	54	56	75	70	71	65	69	71	68	67	53	58	52	35	42	42	60	68	73	67	62	68	69	67	51	48	57	57				60.5
	Minimum	28	26	45	47	39	37	36	48	56	34	23	41	24	21	16	15	26	37	45	50	45	35	48	40	34	32	25	42				35.5
Lead Hill	Maximum	53	54	72	61	71	60	73	75	76	66	56	54	41	32	41	45	62	67	74	73	64	69	75	65	49	42	61	55				60.2
	Minimum	14	19	34	29	22	35	22	26	58	25	17	31	19	16	12	7	19	25	32	35	33	20	35	39	24	22	15	30				25.5
Little Rock ***	Maximum	49	54	76	61	74	56	72	72	72	68	56	59	46	36	48	39	61	64	73	68	63	65	73	60	53	49	57	58				60.1
	Minimum	32	29	53	45	39	39	33	46	59	29	25	40	35	22	20	20	26	44	50	50	41	35	46	42	37	34	26	43				37.1
Lutherville	Maximum	57	49	73	64	73	60	70	73	70	65	54	58	47	41	47	42	62	67	72	68	65	67	74	65	55	47	56	57				60.6
	Minimum	25	28	41	41	35	31	51	41	53	28	19	38	28	22	16	13	24	39	40	46	42	33	54	35	33	29	22	36				35.7
Magnolia	Maximum	73	68	66	65	79	70	75	77	75	73	53	62	56	57	55	51	67	76	75	68	66	77	78	65	57	55	60	60				66.6
	Minimum	38	41	42	44	44	39	36	46	57	41	32	36	33	33	21	25	31	48	45	46	45	34	44	49	40	30	22	39				38.6
Mammoth Spring	Maximum	65	52	73	72	70	56	73	74	75	72	56	55	45	36	42	45	59	68	75	73	66	65	68	68	53	45	56	57				61.2
	Minimum	18	19	41	36	26	36	25	29	53	27	20	31	17	18	12	11	19	26	34	47	38	28	38	33	31	30	17	30				28.2
Marianna §§	Maximum	47	58	70	65	68	56	67	69	72	61	50	57	40	30	41	38	59	55	71	70	61	70	72	50	52	46	56	60				57.5
	Minimum	30	26	30	46	47	40	32	39	49	57	25	29	31	22	17	18	23	40	45	43	44	34	43	43	35	31	25	39				35.1
Marked Tree §§	Maximum	48	56	73	63	67	56	69	70	70	61	51	60	37	31	41	36	61	68	74	66	61	69	68	46	52	45	56	59				57.6
	Minimum	27	25	27	46	41	37	33	34	44	57	20	23	30	22	13	12	15	22	42	45	41	32	36	40	32	30	20	25				31.1
Mena	Maximum	53	51	73	64	72	57	71	72	68	64	53	51	49	44	53	50	56	66	72	66	63	70	72	66	57	47	57	53				60.4
	Minimum	28	33	45	42	37	34	35	43	57	30	21	38	32	30	20	20	32	44	45	49	42	32	48	37	35	33	23	40				35.9
Monticello ***	Maximum	53	61	72	72	70	61	72	74	77	65	55	58	51	36	50	44	61	72	73	73	60	71	75	57	56	53	57	59				62.1
	Minimum	36	37	54	55	52	41	33	41	54	29	23	38	33	20	19	26	31	46	53	47	51	38	48	45	41	33	23	44				39.0
Morrilton §§	Maximum	49	55	73	57	70	56	73	73	69	42	58	60	47	33	47	43	65	76	76	69	65	69	72	58	55	49	60	57				59.9
	Minimum	27	25	27	38	31	35	29	29	44	40	23	28	34	24	19	14	18	24	40	41	43	28	38	39	38	31	21	31				30.7
Mountain Home	Maximum	66	53	74	61	72	66	75	75	76	70	57	58	42	35	46	44	63	67	75	74	65	69	73	69	51	43	62	55				62.0
	Minimum	16	21	40	34	28	26	36	35	50	23	20	34	17	16	12	9	21	32	38	44	37	24	41	38	28	28	20	36				28.7
Mt. Ida	Maximum	55	53	75	70	75	65	76	73	69	68	59	61	54	44	54	50	59	68	73	71	68	70	75	75	59	53	58	58				63.9
	Minimum	23	25	44	40	28	27	21	40	58	31	17	28	24	25	14	18	23	31	35	38	35	21	35	41	28	28	14	41				29.8
Nashville	Maximum	60	55	76	65	76	65	73	72	68	71	57	61	56	50	52	48	51	70	72	66	65	..	76	71	58	52	57	55				62.9
	Minimum	37	36	50	43	37	34	29	34	51	31	22	28	32	33	20	25	29	39	39	40	42	..	34	48	39	34	23	38				35.2
Newport	Maximum	50	53	76	71	73	60	72	72	68	67	55	59	50	38	45	43	60	60	75	68	63	69	69	67	53	49	57	59				60.8
	Minimum	29	26	48	43	38	37	30	47	58	31	19	41	26	22	17	17	27	37	43	48	38	32	44	42	34	31	23	41				34.6
Oden ***	Maximum	57	55	75	61	73	58	73	73	68	65	57	59	50	43	56	52	59	67	72	66	67	71	74	59	59	46	58	57				61.8
	Minimum	23	21	50	38	31	33	28	48	61	28	21	41	30	29	16	15	25	38	39	43	45	28	44	41	33	35	18	40				33.6

Daily Temperatures for February, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Mean
Okay	Maximum	..	..	..	..	..	..	..	..	..	..	..	64	62	64	55	54	55	72	75	73	66	72	77	75	60	60	59	58	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	28	33	31	20	24	28	41	39	42	45	32	40	49	40	32	20	38	....
Ozark	Maximum	54	50	73	72	73	60	72	75	70	68	60	60	54	42	50	46	63	69	75	71	70	69	76	73	60	55	60	60	63.6
	Minimum	22	28	35	34	31	32	25	31	46	29	18	33	29	37	19	15	23	35	43	40	38	27	38	38	30	30	20	31	30.6
Paragould	Maximum	62	52	71	66	67	63	64	68	69	65	48	56	48	34	40	39	55	65	70	65	60	63	68	65	49	47	53	53	58.0
	Minimum	26	25	43	45	35	37	32	38	56	33	22	36	25	20	16	14	23	32	43	45	43	32	39	40	32	33	22	40	33.1
Perryville	Maximum	59	53	77	75	74	73	74	74	79	70	58	60	56	45	49	48	66	68	81	72	65	70	73	72	55	50	60	60	64.9
	Minimum	24	23	42	36	30	34	27	32	54	33	19	31	30	22	15	16	20	35	40	38	37	26	34	38	35	31	21	33	30.6
Pine Bluff	Maximum	66	53	75	66	76	73	73	75	75	71	56	61	54	48	54	46	63	76	75	74	64	72	77	71	56	52	58	60	65.0
	Minimum	34	32	51	51	50	49	37	47	58	34	24	39	36	26	20	23	27	48	52	51	48	37	48	44	39	33	25	44	39.5
Pocahontas	Maximum	56	52	74	73	70	67	73	71	71	65	53	58	47	35	43	41	56	67	74	70	66	67	67	67	53	47	59	58	60.7
	Minimum	21	21	42	40	34	37	29	35	53	32	21	32	20	20	13	11	23	33	40	47	40	28	38	39	31	32	20	32	30.9
Portland	Maximum	70	61	70	70	66	64	72	72	74	72	58	65	56	50	50	45	65	73	74	73	67	71	75	72	58	56	56	58	64.8
	Minimum	39	47	54	58	54	41	33	40	51	51	24	34	34	28	20	23	26	40	44	45	51	42	44	50	41	35	24	39	39.7
Prescott	Maximum	69	58	77	74	76	71	71	72	73	71	55	60	60	55	52	50	57	70	72	71	63	71	75	73	57	56	57	57	65.1
	Minimum	36	36	48	50	41	38	34	46	59	43	24	34	36	33	21	24	29	43	43	47	50	35	44	49	39	35	25	43	38.8
Rogers	Maximum	53	55	53	56	58	52	71	70	74	62	55	50	42	32	42	45	60	67	70	72	60	68	70	50	48	38	58	50	56.5
	Minimum	21	29	33	36	32	28	33	47	52	19	17	38	20	17	16	10	30	32	43	51	31	35	42	36	28	28	23	35	30.8
Russellville	Maximum	55	50	76	73	73	66	71	73	71	68	58	60	54	45	47	46	64	68	75	72	67	69	73	71	57	54	60	58	63.4
	Minimum	22	25	41	36	29	34	26	30	51	34	22	32	29	25	18	16	21	35	39	39	40	26	34	36	33	30	19	33	30.5
St. Charles §§	Maximum	50	61	71	65	70	67	70	72	73	60	53	59	43	32	45	40	61	68	72	71	62	71	73	54	54	50	55	61	60.1
	Minimum	32	29	32	49	50	40	34	44	47	58	24	25	35	22	16	17	18	33	47	48	47	35	38	46	38	32	23	27	35.2
Searcy	Maximum	62	52	77	71	72	70	72	72	68	68	56	60	50	40	46	42	60	64	73	68	63	68	72	66	52	47	57	59	61.7
	Minimum	28	26	48	44	35	35	28	39	56	35	22	37	34	21	11	17	24	38	45	43	44	34	42	40	36	33	23	40	34.2
Sheridan (near)	Maximum	70	54	78	67	75	73	71	73	74	70	55	60	55	45	50	48	61	66	73	66	65	70	75	71	54	50	59	60	63.9
	Minimum	30	28	45	43	42	35	33	44	58	35	26	35	31	23	15	19	25	52	60	45	43	34	43	44	35	30	22	41	36.3
Siloam Springs	Maximum	52	51	61	57	60	54	67	67	66	66	54	53	47	36	40	47	51	66	67	68	63	63	67	59	45	44	53	49	56.2
	Minimum	20	31	43	32	35	29	31	64	52	13	12	36	21	18	17	11	15	30	45	51	32	27	50	33	27	26	19	34	30.5
Stuttgart	Maximum	64	54	74	68	70	63	70	73	73	69	54	60	55	42	47	44	62	67	74	73	62	69	73	70	54	50	56	61	62.5
	Minimum	31	27	45	46	46	37	33	41	53	37	21	37	32	21	15	18	25	42	47	43	42	34	42	43	36	29	21	39	35.1
Stuttgart (near) §§	Maximum	49	59	71	63	69	57	68	71	73	60	53	58	43	32	46	40	61	66	73	71	63	70	72	54	55	49	55	61	59.4
	Minimum	32	29	30	48	49	38	31	38	40	56	24	25	32	25	17	19	19	30	47	43	45	36	36	46	38	28	21	24	33.8
Subiaco	Maximum	54	50	73	70	72	66	72	74	72	69	57	58	51	45	46	47	61	68	75	72	66	71	73	68	55	51	58	57	62.5
	Minimum	26	30	41	40	33	35	31	39	55	29	24	36	31	27	19	18	25	40	44	45	44	33	43	37	34	33	28	39	34.2
Texarkana ***	Maximum	54	60	76	60	75	60	72	72	71	68	56	59	56	44	52	50	61	72	71	60	64	71	75	60	55	53	55	54	62.0
	Minimum	38	42	58	50	45	37	35	45	59	30	25	36	36	27	24	28	37	45	48	50	46	39	48	50	42	35	28	44	40.2
Turnpike	Maximum	50	46	69	60	67	57	65	69	63	60	52	49	41	37	45	37	57	64	69	67	59	63	69	61	50	40	54	50	56.1
	Minimum	21	31	39	39	41	30	38	46	50	19	18	37	20	13	9	7	26	41	47	47	37	42	48	31	27	28	24	38	31.9
Wabash	Maximum	73	61	72	75	70	73	73	74	76	77	57	63	63	48	48	50	67	71	77	76	72	73	77	78	55	59	59	66	67.2
	Minimum	32	27	49	50	51	41	38	47	55	42	24	41	35	21	17	19	30	54	51	49	49	35	46	46	38	31	25	42	38.8
Waldron	Maximum	54	52	80	72	73	68	74	72	69	78	58	57	55	43	54	51	63	67	73	71	65	69	71	71	55	55	57	55	63.6
	Minimum	23	33	46	35	29	30	26	47	60	29	19	29	32	30	18	17	27	38	40	41	43	25	46	37	33	32	18	37	32.9
Warren	Maximum	72	61	65	70	71	72	72	74	77	75	55	58	60	45	51	49	60	73	74	72	69	72	76	75	57	55	57	58	65.2
	Minimum	36	34	40	55	54	41	35	46	55	45	25	33	35	29	20	25	29	41	52	48	52	39	45	53	42	36	22	43	39.6
White Rock	Maximum	48	44	68	56	67	52	66	67	60	59	52	50	42	35	46	36	55	62	66	67	59	62	67	59	49	42	51	49	54.9
	Minimum	23	33	37	40	39	28	36	47	48	21	16	39	19	15	15	9	27	43	48	47	37	40	47	39	28	25	23	34	32.2
Wilson	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Wright	Maximum	63	54	72	70	70	69	69	70	71	70	57	57	57	45	46	44	60	66	70	69	69	68	75	70	49	49	53	58	62.1
	Minimum	29	26	45	43	41	36	31	43	57	36	21	38	33	20	16	18	23	39	49	46	37	34	42	42	34	29	21	38	34.5
Wynne	Maximum	64	54	74	68	70	64	70	71	69	53	61	56	37	37	43	40	61	62	74	68	62	69	73	69	52	48	55	61	60.2
	Minimum	25	22	47	42	45	36	29	54	37	20	36	28	19	20	24	13	25	40	45	45	41	30	42	38	33	26	18	38	32.8

Daily River Stages for February, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Fort Smith	Arkansas	22	8.1	8.1	8.4	9.1	9.6	9.6	9.6	10.1	9.7	9.4	9.3	8.9	8.6	8.4	8.6	8.3	8.0	8.0	7.9	7.8	7.8	7.7	7.7	7.4	7.5	7.4	7.4	7.3
Van Buren	do	22	7.0	6.9	7.3	8.2	8.9	8.8	8.8	9.4	9.1	8.7	8.6	8.0	7.7	7.5	7.7	7.3	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.3	6.4	6.3	6.3	6.3
Danville	Petit Jean	20	3.1	3.1	3.1	3.2	3.2	3.7	3.4	3.4	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Ozark	Arkansas	22	2.2	2.2	2.2	2.8	4.1	5.8	4.7	4.5	5.1	5.1	4.5	4.4	4.1	3.7	3.5	3.5	3.4	3.1	3.0	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4
Dardanelle	do	22	5.5	5.6	5.5	5.5	5.4	7.1	7.2	7.3	6.4	6.3	6.2	7.1	6.8	6.3	6.1	6.2	6.1	5.8	5.7	5.4	5.3	5.2	5.1	5.0	4.5	4.5	4.5	4.4
Morrilton	do	20	1.3	1.2	1.2	1.2	2.0	2.8	3.3	3.2	3.2	3.1	3.2	3.0	3.0	2.2	2.2	1.8	1.6	1.6	1.2	1.1	0.8	0.8	0.6	0.6	0.6	0.2	0.2	0.2
Little Rock	do	23	3.0	2.8	2.9	2.8	2.9	3.4	4.1	4.4	4.3	4.4	4.6	4.4	4.2	4.0	3.6	3.3	3.3	3.2	3.0	2.8	2.7	2.6	2.5	2.2	2.4	2.3	2.1	2.1
Pine Bluff	do	25	5.8	5.8	5.7	5.7	5.7	5.9	6.5	7.1	7.6	7.8	8.0	7.9	7.7	7.5	7.3	6.9	6.5	6.2	6.1	5.9	5.6	5.4	5.3	5.0	4.8	4.7	4.6	4.6
Gilbert	Buffalo	30	3.3	3.2	3.4	4.0	4.4	4.2	4.1	3.9	3.8	3.8	3.7	3.8	3.8	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.4
Black Rock	Black	14	4.6	4.3	4.4	4.7	4.6	4.7	4.6	4.5	4.5	4.4	4.4	4.2	4.1	4.0	4.0	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.5	3.4	3.3	3.3
Heber Springs	Little Red	30	3.7	3.7	3.8	4.2	5.2	5.3	5.0	4.8	4.8	4.6	4.6	4.4	4.4	4.3	4.3	4.1	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.6
Ozark Beach Mo	White	30	-0.5	-0.6	-0.6	1.6	0.8	0.4	0.6	1.4	1.0	-0.6	0.7	0.2	-0.6	0.7	-0.6	-0.6	-0.6	-0.6	-0.5	-0.5	0.7	-0.6	0.1	-0.6	-0.6	-0.6	-0.6	-0.6
Cotter	do	21	2.9	2.8	3.1	3.1	3.0	3.0	2.9	2.9	4.0	3.8	3.8	3.7	3.8	3.7	3.9	4.0	3.9	3.8	3.5	3.3	3.3	3.0	3.0	3.0	3.0	3.0	3.0	2.9
Calico Rock	do	18	2.6	2.0	2.1	2.6	3.0	3.9	3.9	3.3	3.0	4.0	3.4	3.0	3.3	2.8	2.7	2.6	2.5	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.4	2.4	2.2	2.2
Batesville	do	23	7.1	6.9	6.6	6.6	7.2	7.6	8.5	8.5	8.2	7.5	8.3	8.0	7.8	7.8	7.4	7.1	6.9	6.9	7.0	7.0	7.0	6.9	6.4	6.4	6.6	6.7	6.6	6.6
Newport	do	26	4.8	4.6	4.4	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.6	3.6	3.6	3.6	3.6	3.6	3.4	3.4	3.3
Georgetown	do	21	8.0	7.7	7.4	7.2	6.9	6.7	6.9	7.1	7.4	7.5	7.4	7.2	7.0	7.0	7.0	7.0	6.6	6.0	5.8	5.5	5.4	5.4	5.3	5.2	5.1	5.0	4.7	4.7
Des Arc	do	24	11.3	11.0	10.8	10.4	10.1	9.8	9.8	9.8	10.0	10.1	10.1	9.8	9.6	9.6	9.6	9.5	9.0	8.6	8.2	8.0	7.8	7.8	7.5	7.5	7.5	7.4	7.4	7.1
Clarendon	do	26	20.0	19.2	18.4	17.7	17.2	16.6	16.6	15.5	15.4	15.3	15.3	15.3	15.1	15.0	14.9	14.8	14.6	14.4	14.2	13.9	13.7	13.5	13.4	13.3	13.1	12.9	12.7	12.5
St. Charles	do	25	23.0	22.3	21.4	20.5	20.0	18.2	17.2	16.4	15.9	15.7	15.7	15.8	15.9	16.0	16.0	16.0	16.0	15.9	15.7	15.5	15.3	15.0	14.7	14.5	14.2	13.8	13.5	13.1
Glenwood	Caddo	..	5.3	5.3	5.8	5.7	5.6	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.3	5.3	5.3	5.3	5.3	6.3	5.3	5.3
Arkadelphia	Ouachita	17	4.8	5.3	6.4	6.9	6.9	7.0	6.2	5.3	5.2	5.2	6.1	6.2	5.8	4.8	4.7	6.2	6.2	6.3	5.8	6.3	4.7	5.5	5.8	5.8	6.0	5.6	5.5	5.4
Boughton	Little Mo.	20	5.0	5.0	5.8	9.4	10.5	10.2	7.9	7.4	6.4	6.2	6.1	6.0	5.8	5.5	5.4	5.3	5.3	5.1	5.1	5.0	5.1	5.2	6.4	6.1	5.5	5.3	5.2	5.1
Camden	Ouachita	26	9.2	8.6	8.0	9.0	12.1	13.6	14.1	13.4	17.8	9.3	8.0	7.8	7.7	7.4	6.8	5.9	5.8	6.6	6.8	6.5	6.2	6.0	5.8	6.4	6.9	6.7	6.4	6.0
Benton	Saline	20	5.2	5.2	5.2	5.2	5.2	5.2	5.4	5.7	5.8	5.9	5.9	5.8	5.8	5.7	5.6	5.6	5.6	5.6	5.6	5.4	5.3	5.0	4.8	4.7	4.6	4.6	4.5	4.6
Index	Red	25	7.6	7.6	7.7	8.0	8.2	8.8	9.0	9.2	9.3	9.0	8.5	8.2	8.0	7.8	7.8	7.8	7.6	7.6	7.6	7.6	7.5	7.4	7.3	7.3	7.2	7.2	7.2	7.2
Fulton	do	25	7.5	7.5	7.8	8.7	9.3	9.6	10.2	10.2	10.0	9.7	9.2	8.8	8.4	8.1	8.0	7.8	7.6	7.6	7.4	7.3	7.2	7.2	7.3	7.3	7.2	7.2	7.1	6.9
Big Lake Outlet	St. Francis	10	5.1	5.1	5.1	5.2	5.3	5.3	5.3	5.2	5.1	5.0	5.0	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.7	4.7	4.8	4.9	4.9	4.8	4.9	4.9	4.8	4.6
St. Francis	do	18	7.4	7.2	7.0	6.9	6.9	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.8	6.8	6.8	6.8	6.7	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.0	5.9	5.8
St. Francis L.L.	do	..	20.4	20.3	20.1	20.0	19.9	19.8	19.6	19.5	19.4	19.3	19.2	19.0	19.0	18.9	18.8	18.7	18.6	18.6	18.5	18.3	18.3	18.4	18.4	18.4	18.5	18.4	18.4	18.3
Marked Tree	do	17	7.5	7.5	7.5	7.4	7.4	7.3	7.2	7.1	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.6	6.6	6.6	6.6	6.5	6.4	6.5	6.5	6.5	6.4
Parkin	do	28	7.7	7.7	7.7	7.8	7.7	7.6	7.4	7.2	7.0	7.0	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.5	6.5	6.4	6.3	6.2	6.1	5.9	5.9	5.9	5.8
Madison	do	32	7.5	7.5	7.5	7.6	7.6	7.5	7.4	7.4	7.6	8.3	9.0	10.0	10.7	11.1	11.5	11.7	11.6	11.5	11.2	10.0	9.7	9.4	9.7	8.3	7.3	6.3	5.5	5.0
Helena	Mississippi	42	20.1	20.3	20.3	20.3	20.5	21.1	22.2	23.3	24.7	26.3	27.8	29.1	30.1	30.7	31.1	31.3	31.2	31.0	30.7	30.1	29.7	28.9	28.0	26.9	25.6	24.1	22.7	21.3
Arkansas City	do	42	17.7	17.8	18.0	17.9	17.8	17.7	18.0	18.6	19.5	20.6	21.7	22.9	23.8	24.4	24.8	25.1	25.3	25.3	25.1	24.8	24.5	24.0	23.6	23.1	22.5	21.6	20.5	19.4

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ^{a}, ^{b}, ^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated. observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1] Precipitation is for the 24-hour period, midnight to midnight. [2] Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3] Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Spings, Olio; Devils Knob, Salus: Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVIII LITTLE ROCK, ARK., MARCH, 1943 No.3

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GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during March were the positive precipitation and negative temperature departures. This was the first month in Arkansas with a negative temperature departure since September and the first with a positive precipitation departure this year, January and February having been exceptionally dry, January being the driest on record and February the driest since 1895, and the second driest on record.

The month opened with temperatures below normal, the lowest for the month occurring over most of the State on the 3d. Daily means continued below normal until around the 14th when there was a three day period of moderately warm weather, but thereafter daily means were again below normal until the 26th, following which warmer weather continued until the close of the month. Every station for which normals have been computed showed temperatures below normal for the month and the March mean was 0.6° lower than that recorded during February. All previous low temperature records for March were broken, this being the first March in which sub-zero temperatures have been recorded in Arkansas.

This was the wettest March since 1938, precipitation occurring on an average of ten days during the month, numerous stations reporting 13 or 14 rainy days. A flood occurred on the lower Ouachita with a stage of 32.4 feet at Camden on the 18th. The cold wet weather interferred with all farming operations and much of the Elberta peach crop was killed by the low temperature on the 3d. Extensive damage to early planted truck, gardens and spinach also resulted. The closing days of the month were more favorable. Winter wheat, oats and and rye improved. Seeding of alfalfa and spring oats continued. Soil moisture was ample at the close of the month. The season was backward and farmers behind with their work.

TEMPERATURE

The mean temperature for March, as determined from the records of 81 stations, was 46.9° which is 5.6° below the 53-year average. The highest monthly mean was 52.4° at Portland, Ashley County, the lowest 40.6° at Gilbert, Searcy County, a difference of 11.8° between the Ozarks in the northwest and the lowlands in the southeast. Extremes ranged from 6° below zero at Siloam Springs on the 3d to 84° at four stations on the 29th and 30th. There were 8 stations reporting subzero temperatures: Bentonville, Devils Knob, Fayetteville Experiment Station, Harrison, Lead Hill, Rogers, Siloam Springs and Turnpike, all on the 3d.

PRECIPITATION

The average precipitation, as determined from the records of 111 stations, was 5.66 inches which is 1.04 inches above the 53-year average. The greatest monthly total was 10.61 inches at Wabash, Phillips County, the least, 2.15 inches at Siloam Springs, Benton County. All stations for which normals have been computed showed positive departures, except those in the northwestern section of the State. The greatest 24 hour amount was 4.54 inches at Okay, Howard County on the 11th and 12th. The average number of rainy days was 10.

MISCELLANEOUS PHENOMENA
Dates of

High Winds:---1,2,4,6,9,10,15,16,19,20,30,31.
Glaze:,--5,6.
Sleet:---2,4,5,6,19.
Hail:---15,16,18,19.
Thunderstorms:---5,10,11,12,13,15,16,18,19,26,31.
Dense Fog:---1,5,10,11,12,13,18,19,26.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Bentonville	30.66	2	29.44	19	9.0	21	s.	15	..	..	..	59	719
Fort Smith	30.59	3	29.55	19	8.9	26	s.	15	70	51	50	57	557
Little Rock	30.66	8	29.64	19	10.1	34	nw.	16	83	59	62	60	554
Memphis.	30.37	8	29.65	5	8.5	25	s.	19	78	59	61	57	567

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	79	10	5.10	......	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1 3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.8	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	88	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0.8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2.21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T.	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
1937	48.7	84	14	3.04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
1939	54.4	88	19	3.71	T.	8	14	8	9
1940	52.0	88	9	2.39	0.7	7	14	7	10
1941	47.5	80	13	2.21	0.2	7	13	8	10
1942	53.0	89	18	3.95	2.0	8	15	7	9
1943	46.9	84	– 6	5.66	0.2	10	13	6	12
Period	52.5	98	– 6	4.62	0.5	8	13	7	11

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Climatological Data for March, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork .... †	Saline	755	6	47.4	......	79	29§	7	3	6.65	......	1.53	11–12	T.	12	10	6	15	w.	L. R. Water Works
Arkadelphia	Clark	200	47	47.6	......	81	29§	9	3§	8.62	+4.15	3.44	12	0.0	8	13	2	16	se.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	58	......	......	......	......	......	......	9.35	+4.15	1.65	26	0.0	13	14	3	14	......	John W. Trammell
Batesville Airway	Independence	363	6	45.6	−4.6	79	30	8	3	5.11	......	1.67	18–19	0.3	11	11	9	11	se.	Airway Observer
Batesville Livestk.	Independence	....	2	42.8	......	79	30	3	3	4.17	......	1.48	18–19	T.	6	17	5	9	nw.	University of Arkansas
Batesville River	Independence	277	43	......	......	......	......	......	......	4.36	+0.08	1.72	18–19	0.0	11	16	3	12	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	43.2	−8.6	78	30	1	3	4.40	+0.02	1.30	12	T.	10	15	5	11	n.	Miss Minnie Scanlan
Benton	Saline	285	7	44.6	......	84	31	6	3§	6.50	......	1.80	12	T.	11	16	4	11	ne.	S. A. Burks
Bentonville	Benton	1295	37	41.8	−6.6	78	30	−2	3	2.59	−1.44	0.86	25–26	1.1	13	8	15	8	s.	U. S. Weather Bureau
Bethesda .... †	Independence	500	3	42.6	......	79	30	5	3	3.97	......	1.32	18–19	T.	6	17	4	10	nw.	Soil Conservation Ser.
Big Lake Outlet .. †	Mississippi	239	12	......	......	......	......	......	......	7.15	+2.72	1.75	12	T.	9	17	1	13	......	C. J. Brooks
Black Rock	Lawrence	259	41	......	......	......	......	......	......	4.60	+0.24	1.28	18	T	10	16	2	13	......	Vernon C. Howe
Bluff City	Nevada	....	2	50.6	......	80	29§	10	3	6.93	......	2.03	11–12	0.0	10	15	7	9	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	45.4	−6.2	79	30	7	3	6.01	+0.67	1.55	10	T.	7	16	3	12	s.	Maureen K. Norris
Booneville (near)	Logan	465	28	48.2	−5.0	81	29§	5	3	2.73	−1.30	1.19	12–13	T.	12	13	6	12	c.	F. H. Randolph
Boughton .... †	Clark	235	7	......	......	......	......	......	......	8.28	......	3.50	12–13	0.0	12	9	8	14	......	Mrs. Ruby Brown
Brinkley	Monroe	205	51	48.1	−5.2	79	30	11	3	7.28	+1.99	2.53	12	T	12	10	6	15	n.	U. S. Weather Bureau
Calico Rock	Izard	361	38	......	......	......	......	......	......	3.55	+0.49	0.95	25–26	0.3	10	13	2	16	......	William Jones
Camden	Ouachita	116	57	51.9	−3.1	81	29	12	3§	7.40	+2.77	2.43	26	0.0	12	7	12	12	s.	J. M. Knight
Camp Robinson	Pulaski	463	2	45.9	......	82	30	10	3	8.32	......	2.42	12	0.0	10	7	10	14	ne.	U. S Army
Clarendon	Monroe	172	38	......	......	......	......	......	......	7.61	+2.67	1.91	12	0.0	13	14	3	14	......	R. M. Wheatley
Clover Bend	Lawrence	235	4	44.1	......	84	29	4	3	5.73	......	1.82	18–19	T.	9	13	9	9	se.	Farm Security Adm.
Conway	Faulkner	309	59	48.8	−5.0	84	30	9	3	6.09	+1.81	1.41	12	0.0	11	14	9	8	e.	F. E. Cordrey
Corning	Clay	293	49	45.5	−5.2	81	30	5	3	4.51	+0.15	1.63	18–19	0.0	10	20	4	7	w.	Robert B. Polk
Cotter	Baxter	440	15	......	......	......	......	......	......	2.78	−0.35	0.78	25–26	1.5	7	16	5	10	......	O. B. McSpadden
Crossett (near)	Ashley	175	30	52.1	−3.3	83	31	12	3§	6.43	+1.29	1.23	11–12	0.0	12	12	5	14	n.	U. S. Forest Service
Danville	Yell	327	26	......	......	......	......	......	......	3.62	−0.12	1.40	25–26	0.0	12	13	5	13	......	J. M. Patterson
Dardanelle	Yell	330	56	48.2	−4.6	82	30§	9	3	3.40	−0.58	1.37	25–26	0.0	9	9	9	13	e.	Geo. N. Goodier
DeQueen	Sevier	426	7	49.0	......	79	30	8	3	3.98	......	1.84	11–12	0.0	9	15	7	9	......	L. D. McCown
Des Arc	Prairie	204	4	49.0	......	80	30§	10	3	7.25	......	2.09	18	T	10	8	5	18	......	Z. R. Glenn
Devils Knob ..... †	Johnson	2350	6	44.0	......	74	30	−2	3	4.23	......	1.26	25–26	1.0	12	12	4	15	se.	U. S. Forest Service
Dumas	Desha	162	37	50.5	−4.8	83	31	12	3	9.76	+4.00	3.81	11–12	T.	13	10	8	13	s.	Ben Johnson
El Dorado	Union	270	42	52.3[c]	−3.9	81[e]	30	13	3	7.93	+2.97	2.16	25–26	0.0	14	16	3	12	s.	Mrs. E. W. Gaston
England	Lonoke	229	36	46.6	−7.8	78	31	9	3	7.05	+2.21	1.85	12	T.	11	9	11	11	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	42	44.6	−5.5	80	30	0	3	3.43	−0.55	1.09	15–16	2.0	11	11	10	7	se.	Geo. W. Nichoalds
Fayetteville	Washington	1334	5	45.6	......	80	30	2	3	3.98	......	1.57	15–16	2.4	14	7	11	13	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	55	44.0	−5.5	78	30	−2	3	3.45	−0.25	1.20	15–16	0.7	12	13	11	7	s.	University of Arkansas
Fordyce	Dallas	280	2	50.6	......	81	30	10	3	9.71	......	3.25	11–12	0.0	11	8	6	17	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	47.2	−5.4	80	30	9	19	3.80	+0.79	1.45	15–16	T.	10	8	9	14	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	5	......	......	......	......	......	......	2.65	......	1.25	14	T.	8	......	......	......	......	Ft. Smith Water Plant
Fulton	Hempstead	260	57	......	......	......	......	......	......	7.15	+2.81	2.06	12–13	0.0	11	10	5	16	......	Ina J. Logan
Georgetown	White	200	30	......	......	......	......	......	......	6.50	+1.81	2.05	18–19	0.0	8	18	1	12	......	C. G. Long
Gilbert	Searcy	600	17	40.6	......	81	31	2	3§	2.47	−0.25	0.87	25–26	T	6	17	3	11	w.	F. E. King
Glenwood	Pike	547	7	......	......	......	......	......	......	6.71	......	1.93	25–26	0.0	13	9	3	19	......	Chas. A. Price
Grannis	Polk	950	23	47.0	−4.4	78	29§	4	3	4.46	−0.48	1.38	12	T	13	8	9	14	se.	W. E. McVay
Gravette	Benton	1250	45	44.6	−1.4	79	30	2	7	2.21	−1.41	0.86	25–26	2.0	7	17	7	7	sw.	Julius A. Schmidt
Green Mountain .. †	Stone	1100	5	46.0	......	80	30	0	3	2.95	......	1.01	25–26	T	7	17	4	10	s.	U. S. Forest Service
Harrison	Boone	1052	42	44.2	−4.4	79	30	−1	3	3.23	−0.36	1.32	25–26	0.8	8	11	13	7	sw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	13	......	......	......	......	......	......	5.50	+1.57	1.92	18–19	T.	8	16	5	10	......	Lester B. Logan
Helena	Phillips	300	70	48.8	−4.8	73	30	11	3	9.47	+3.76	2.81	12	T.	11	13	2	16	ne.	James A. Burnett
Highland	Pike	491	23	47.1	−8.7	75	29	6	3	5.80	+1.43	2.00	11	0.0	10	10	7	14	se.	Clyde Cooley
Hope (near) ..... ‡‡	Hempstead	375	72	47.8	−8.8	81	29	9	3	8.62	+3.94	2.37	13	0.0	13	8	9	14	se.	University of Arkansas
Hot Springs	Garland	600	51	49.6	−4.1	82	29	7	3	6.60	+2.17	2.07	25–26	T.	10	13	7	11	s.	National Park Service
Index .... †	Little River	275	25	......	......	......	......	......	......	7.13	+3.09	2.50	12–13	0.0	11	13	0	18	......	W. F. McDowell
Irons Fork ..... †‡‡	Polk	1385	4	43.6[a]	......	80	30	0[a]	3	4.35	......	1.31	13	0.0	12	13	5	13	s.	U. S. Forest Service
Jessieville	Garland	750	16	......	......	......	......	......	......	6.26	+1.95	1.75	25–26	0.0	10	12	8	11	......	U. S. Forest Service
Jonesboro	Craighead	345	47	46.6	−5.6	81	30	9	3	6.66	+2.10	2.73	18–19	T	11	9	7	15	ne.	Benedictine Sisters
Lead Hill	Boone	650	36	42.8	−6.0	81	30	−5	3	3.12	−0.52	1.42	25–26	1.0	12	14	7	10	s.	J. H. Crosswhite
Little Rock	Pulaski	257	63	47.3	−5.7	80	30	11	3	7.61	+2.99	2.48	11–12	T.	9	11	6	14	n.	U. S. Weather Bureau
Lutherville ...... †	Johnson	775	44	45.1	−6.5	78	25	3	3	4.07	+0.06	1.46	25–26	T.	10	11	4	16	e.	Clarence Lenhardt
Madison	St. Francis	209	12	......	......	......	......	......	......	7.82	+2.78	2.38	18	0.0	8	16	1	14	......	J. W. Eppes
Magnolia	Columbia	315	26	51.6	−5.2	81	30	12	3	6.01	+1.55	1.18	24–25	0.0	11	9	8	14	se.	State Agri. School
Mammoth Spring	Fulton	600	38	43.8	−6.0	81	30	3	3	2.48	−1.18	0.75	26	2.0	8	13	11	7	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	47.6	−6.4	77	30	10	3	7.71	+3.04	2.13	12	0.0	11	14	3	14	e.	University of Arkansas
Marked Tree	Poinsett	229	38	44.6	−5.8	80	30	9	3	6.62	+1.73	1.89	18	0.0	9	9	9	13	s.	Charles Walton
Mena	Polk	1207	54	47.8	−1.5	79	29§	6	3	3.90	−0.33	1.28	12	T.	11	14	3	14	sw.	E. W. St. John
Monticello	Drew	273	2	50.8	......	80	30§	12	3	6.58	......	1.13	10	0.0	13	9	6	16	ne.	Airway Observer
Morrilton ...... †	Conway	315	26	45.4	−5.4	79	30	9	3	4.53	+0.85	1.47	11–12	0.0	10	14	4	13	e.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	......	......	......	......	......	......	4.04	......	1.44	15–16	T.	10	15	8	8	n.	C. A. Lovell
Mountain Home . †	Baxter	800	30	44.6	−5.4	81	30	2	3	3.45	−0.06	1.55	25–26	2.0	9	14	4	13	w.	H. N. Halbert
Mountain Valley	Garland	788	5	......	......	......	......	......	......	6.92	......	1.57	12	0.0	8	10	11	10	e.	C. A. Cockman
Mount Ida	Montgomery	702	43	46.4	−5.8	81	29	4	3	4.15	−0.01	1.58	12–13	0.0	13	12	3	16	e.	J. S. Whittington
Mulberry (near) .. †	Franklin	433	4	......	......	......	......	......	......	4.03	......	1.30	15–16	T.	9	14	3	14	......	Clifton H. Ward
Nashville	Howard	350	4	50.3	......	80	29	10	3	5.85	......	2.98	11–12	T.	12	14	9	8	ne.	Brice Carruth
Newport	Jackson	231	59	47.2	−5.1	81	31	10	3	6.25	+1.83	1.68	12	T.	10	11	3	17	s.	J. D. Henderson
Nimrod Dam	Perry	....	1	47.7	......	80	29§	9	3	4.93	......	1.51	11–12	T.	11	14	5	12	e.	U. S. Engineers
Oden	Montgomery	800	15	46.6	......	81	29	4	3	4.15	+0.43	1.64	25–26	0.0	7	10	8	13	......	U. S. Forest Service
Okay	Howard	288	14	51.0	−5.3	81	29§	11	3	7.99	+4.12	4.54	11–12	......	12	14	4	13	n.	Charles R. Jackson
Osceola	Mississippi	250	42	......	......	......	......	......	......	6.96	+1.87	2.16	18	0.0	9	17	5	9	......	G. H. Banks
Ozark	Franklin	396	47	47.6	−4.8	83	30	4	3	2.78	−1.07	1.30	25–26	T.	8	8	8	15	e.	Orkney O. Milton
Paragould	Greene	275	19	44.9	......	77	30	8	3	5.88	+0.10	2.17	18–19	T.	10	16	6	9	n.	J. E. Garrett
Parkin	Cross	222	12	......	......	......	......	......	......	7.12	+1.72	1.50	18	0.5	9	15	1	15	......	Carroll King
Perryville	Perry	325	3	47.0	−4.7	82	30	7	3	5.47	+1.61	1.89	12–13	T.	9	6	17	8	ne.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	55	50.4	−4.4	83	30	13	3	10.11	+4.94	3.02	12–13	T.	10	12	11	8	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	......	......	......	......	......	......	3.96	−0.79	1.53	26	T	10	8	11	12	sw.	J. R. Huddleston
Pocahontas	Randolph	300	49	45.0	−6.0	79	30	6	3	4.50	+0.14	1.70	18–19	T.	10	14	9	8	nw.	Benedictine Sisters
Portland	Ashley	122	36	52.4	−4.3	80	15§	13	3	7.18	+2.01	1.30	6	0.3	14	14	4	13	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	51.1	−4.5	81	29	11	3	8.16	+3.66	2.77	12	0.0	12	13	6	12	n.	W. R. Hambright
Rogers	Benton	1300	52	42.2	−6.8	78	30	−2	3	2.62	−0.78	0.70	25–26	0.0	12	10	13	8	ne.	Howard Fowler
Rosebud	Faulkner	680	8	......	......	......	......	......	......	6.32	......	1.80	18–19	3.1	8	15	8	8	ne.	G. A. Maddox
Russellville .... ‡‡	Pope	526	35	46.8	−5.5	81	30	7	3	4.25	−0.63	1.27	26	0.0	10	14	7	10	e.	Ark. Tech. College
St. Charles	Arkansas	175	9	48.0	......	80	30	11	3	0.25	......	3.41	12–13	T.	10	15	5	11	s.	U. S. Biological Survey
St. Francis	Clay	290	15	......	......	......	......	......	......	4.65	−0.75	1.33	12–13	T.	8	18	0	13	......	W. S. Buckley
Searcy	White	245	32	47.1	−5.1	80	30	9	3	6.14	+2.08	1.62	12–13	T	10	14	4	13	ne.	Walter A. Smith
Sheridan (near) .. †	Grant	....	2	......	......	......	......	......	......	9.97	−0.17	2.47	25–26	0.0	13	......	......	......	......	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	42.2	......	74	29§	−6	3	2.15	......	0.91	25–26	0.0	7	16	7	8	s.	John Brown University
Springbank ...... †	Miller	240	33	......	......	......	......	......	......	4.22	......	1.00	24–25	1.0	13	11	1	19	......	Henry Field
Story	Montgomery	650	18	......	......	......	......	......	......	4.13	−0.15	1.43	11–12	0.0	6	17	3	11	n.	S. C. Story
Stuttgart	Arkansas	214	55	47.4	−6.4	80	31	9	3	9.13	+4.14	2.58	12–13	0.0	11	12	4	15	n.	Mrs. B. E. Swim
Stuttgart (near) . ‡‡	Arkansas	198	7	47.4	......	78	30§	11	3	8.99	......	2.22	13	0.0	11	......	......	......	......	University of Arkansas

Climatological Data for March, 1943 Continued

				Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days					
Stations	Counties	Elevation, feet	Length of record years	Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	44	43.0[a]	− 5.0	82	30	7[b]	3	3.64	−0.09	1.19	12−13	0.2	13	11	6	14	sw.	New Subiaco Abbey
Texarkana	Miller	332	58	50.5	− 5.7	80	29	11	3	3.87	−0.39	1.38	12	0.0	12	8	9	14	s.	U S. Weather Bureau
Turnpike†	Pope	2240	18	42.2	......	78	30	− 1	3	4.87	+1.00	1.87	25−26	1.3	12	16	3	12	ne.	U. S. Forest Service
Wabash	Phillips	179	3	52.0	......	81	3§	12	3	10.61	......	2.06	12	T.	13	6	13	12	s.	Farm Security Adm.
Waldron	Scott	675	23	48.0	......	80	29§	6	3	4.48	+0.21	1.31	12	0.0	11	2	22	7	se.	Lavon Shoptaw
Warren	Bradley	206	48	51.8	− 4.2	80	29§	12	3	8.73	+3.54	1.95	11	0.0	13	8	3	20	nw.	C. N. Turner
Whitecliffs	Little River	290	36	....	.....	......	......	......	......	5.96	+1.77	3.26	11−12	0.0	7	17	0	14	......	L. M. Snead
White Rock†	Franklin	2285	6	42.0	......	75	30	0	3	4.76	......	1.89	15−16	T	10	15	5	11	se.	U. S. Forest Service
Wilson	Mississippi	237	17	...	......	......	......	......	......	7.66	+2.25	2.70	18−19	0.0	7	20	2	9	n.	Miss Winona Anderson
Wright	Jefferson	234	3	46.3	......	84	30	9	3	7.44	......	1.88	11−12	0.0	11	18	5	8	nw.	Farm Security Adm.
Wynne	Cross	167	34	47.3	− 4.3	79	31	7	3	8.08	+3.23	1.82	18	0.0	8	12	6	13	n.	B. M. Eddins
State Means				46.9	− 5.6	84	29§	− 6	3	5.66	+1.04	4.54	11−12	0.2	10	13	6	12	s.	

Daily Precipitation for March, 1943

		Day of Month																															
Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	....	....	.12	....	....	....	.47	.02	....	....	....	....	1.52	....	....	....	....	....	.27	....	....	....	....	....	.15	1.14	....	....	....	....	....	3.69
Alum Fork Reser.	Ouachita	....	T.	....	T.	.51	.03	....	....	....	.58	.07	1.53	.75	....	T.	.32	....	.42	.56	....	....	....	....	.09	.40	1.39	....	....	....	....	....	6.65
Arkadelphia[2]	Ouachita	.24	....	....	....	.28	....	....	....	....	....	.89	.71	3.44	....	....	....	....	....	.80	....	....	....	....	....	....	1.12	1.14	....	....	....	....	8.62
Arkansas City[2]	Mississippi	.45	.07		....	.33	1.16	....	....	....	....	.98	1.00	.85	....	....	....	.46	....	.16	.25	.36	....	....	T	....	1.65	1.63	....	....	....	....	9.35
Batesville Air'y.[1‡]	White	....	.03	....	T.	.12	T.	....	....	....	.56	.13	1.27	....	....	T.	.63	....	.87	.80	....	....	....	....	....	.18	.44	....	....	....	....	.08	5.11
Batesville Livestk[1]	White	....	....	T.	....	....	.04	....	....	....	....	.47	....	1.16	....	....	.11	....	....	1.48	T.	....	....	....	....	....	.91	....	....	....	....	....	4.17
Batesville River[2]	White	....	T.	.02	....	.01	.15	....	....	....	....	.75	....	1.20	....	....	.16	.08	....	1.22	.50	....	....	....	....	....	25	.02	....	....	....	....	4.36
Beaty Lake(near)	St. Francis	....	T	....	....	.46	.10	T.	....	....	.28	1.25	.76	1.24	....	....	.57	....	2.22	.29	....	....	....	....	....	T	.89	.05	....	....	....	....	8.11
Bee Branch	Arkansas	....	....	....	....	.15	....	....	....	....	*	.85	*	1.30	....	.05	.25	....	.20	.45	....	....	....	....	T.	....	1.15	....	....	....	....	....	4.40
Beech Grove(near)	White	....	.10	....	....	....	....	....	....	....	.80	T	.10	....	....	....	.20	....	.35	1.60	....	....	....	....	....	....	.69	....	....	....	....	....	3.84
Beedeville[2]	White	....	....	T.	....	.01	22	....	....	....	....	.96	.58	1.57	....	....	....	.54	....	1.80	.71	....	....	....	....	....	.47	.08	....	....	....	....	6.94
Benton[2]	Saline	.02	....	.03	....	.23	.27	....	....	....	....	.32	.27	1.80	....	....	T	.39	....	1.23	.39	....	....	....	....	T.	1.55	T.	....	....	....	....	6.50
Bentonville[1‡]	Arkansas	....	.02	....	....	T.	.09	....	....	....	.30	....	.02	.01	....	.28	.01	....	.54	.20	....	....	....	....	.04	.12	.74	....	....	....	....	.22	2.59
Bethesda[2]	White	....	....	T.	....	....	.04	....	....	....	....	.42	....	1.16	....	....	.11	....	....	1.32	....	....	....	....	....	....	.92	....	....	....	....	....	3.97
Big Lake Outlet[2]	St. Francis	....	....	T.	....	T.	.22	....	....	....	....	1.39	.08	1.67	....	....	....	.69	....	1.51	.55	....	....	....	....	....	.29	.75	....	....	....	....	7.15
Black Rock[2]	White	....	....	.05	....	T.	.16	....	....	....	....	.71	T	.73	....	....	.16	.07	....	1.28	.38	....	....	....	....	....	.77	.29	....	....	....	....	4.60
Bluff City (near)	Ouachita	.40	....	....	....	38	....	....	....	....	....	.62	2.03	1.12	....	....	.49	....	.27	.17	....	....	....	....	....	.75	.70	....	....	....	....	....	6.93
Blytheville[2]	St Francis	....	....	T.	....	T.	T	....	....	....	....	1.55	..	1.51	....	....	....	.05	....	1.49	.41	....	....	....	....	....	.37	.63	....	....	....	....	6.01
Booneville (near)	Arkansas	....	T.	....	....	.35	.03	....	....	....	.05	.03	1.14	.05	....	.02	....	....	.07	.15	....	....	....	....	.06	.23	.55	....	....	....	....	....	2.73
Booneville[2]	Arkansas	....	....	.01	.06	.28	....	.02	....	....	.01	.01	.02	1.20	01	....	.02	....	....	.32	....	....	....	....	.03	....	.40	.05	....	....	....	....	2.44
Boughton[2]	Ouachita	.37	....	....	....	.25	.17	....	....	....	....	.30	1.20	3.50	....	....	.02	....	.56	....	.58	....	....	....	....	*	1.06	.27	....	....	....	....	8.28
Brinkley[1]	White	....	T.	....	.02	.56	.01	....	....	....	1.38	.09	2.53	T	....	T.	.52	....	1.02	.30	....	....	....	....	....	.07	.76	.02	....	....	....	....	7.28
Calico Rock[2]	White	....	.01	.02	....	T	.08	....	....	....	....	.45	....	.55	....	....	.25	....	....	.35	.25	....	....	....	....	T.	.95	.64	....	....	....	....	3.55
Camden	Ouachita	.45	....	....	....	.30	.11	....	....	....	....	1.13	.98	1.35	....	....	.01	.18	....	.22	.24	....	....	....	....	....	1.98	.45	....	....	....	....	7.40
Camp Robinson[1]	Arkansas	....	....	....	....	.70	T	....	....	....	.55	70	2.42	....	....	....	.17	....	1.25	.83	....	....	....	....	.02	.54	1.14	....	....	....	....	....	8.32
Carlisle[2]	Arkansas	T.	....	....	....	....	.38	....	35	....	....	.63	.72	1.88	....	....	....	T	....	.87	.51	....	....	....	....	....	.92	....	....	....	....	....	6.26
Clarendon[2]	White	.19	....	....	....	28	.52	....	....	....	.01	1.00	.46	1.91	....	....	....	.55	....	1.16	.22	....	....	....	....	....	1.26	.04	.01	....	....	....	7.61
Clover Bend	White	....	T.	....	....	1.08	....	....	....	....	.72	.08	1.01	....	....	.12	.36	....	.48	1.34	....	....	....	....	....	....	.54	....	....	....	....	....	5.73
Cold Springs	Ouachita	....	....	....	....	....	.30	....	....	....	....	.19	*	1.24	....	....	....	....	....	.56	....	....	....	....	.25	*	1.39	....	....	....	....	....	3.93
Conway	Arkansas	....	....	....	....	.37	....	....	....	....	41	.09	1.41	.82	....	....	.34	....	.16	1.03	....	....	....	....	.06	.19	1.21	....	....	....	....	....	6.09
Corning[2]	White	....	....	T.	....	.02	.27	....	....	....	....	.89	....	.42	....	....	.28	.10	....	1.25	.38	....	....	....	....	.37	.53	....	....	....	....	....	4.51
Cotter[2]	White	....	T	.12	....	....	T.	....	....	....	T.	.21	....	....	....	....	.57	....	....	.41	....	....	....	....	.05	....	.78	.64	....	....	....	....	2.78
Crossett [near]	Ouachita	.53	.20	....	....	.94	T.	....	....	....	....	.53	1.23	.38	....	....	.54	....	.10	.27	....	.27	....	....	....	.89	.55	T.	....	....	....	....	6.43
Danville[2]	Arkansas	....	....	....	....	.02	26	....	....	....	....	.11	.03	1.16	....	....	.02	....	....	.26	.29	....	....	....	.01	.03	1.40	.03	....	....	....	....	3.62
Dardanelle[2]	Arkansas	....	....	....	....	.10	.17	....	....	....	....	.14	.02	1.12	....	....	.07	....	....	.23	....	....	....	....	....	....	1.37	.18	....	....	....	....	3.40
Denmark[2]	White	....	....	T.	....	....	.07	....	....	....	....	.86	.03	1.64	....	....	.15	....	....	.82	.67	....	....	....	....	....	.97	....	....	....	....	....	5.21
De Queen	Red	....	....	....	....	.26	....	....	....	....	.10	.04	1.84	....	....	....	....	....	.32	....	.07	....	....	.26	.81	.28	....	....	....	....	....	....	3.98
Dermott[2]	Mississippi	.57	.10	....	....	.40	1.00	....	....	....	....	1.30	.98	.76	....	....	....	.41	....	.05	.25	.28	....	....	T.	.05	1.46	.14	....	....	....	....	7.75
Des Arc[2]	White	.06	....	T.	....	.09	.27	....	....	....	....	.85	.66	1.59	....	....	....	.51	....	2.09	.32	....	....	....	....	....	.81	T.	....	....	....	....	7.25
Devils Knob	Arkansas	....	.04	....	....	.04	.04	....	....	....	.43	.04	.84	....	....	.87	.02	....	.20	.25	....	....	....	....	T.	.20	1.26	....	....	....	....	....	4.23
Dumas	Mississippi	.28	T.	....	T.	.90	.42	.03	....	....	T.	1.33	3.81	.93	....	....	.30	....	.45	.29	.04	....	....	....	....	.35	.63	....	....	....	....	....	9.76
Eagle Gap[2]	Arkansas	....	T	....	....	.20	.08	T.	....	....	T	.29	T.	1.16	....	....	.32	....	....	1.46	....	....	....	....	.11	.13	1.29	.04	....	....	....	....	5.08
El Dorado[2]	Ouachita	.56	.26	....	....	.56	.60	....	....	....	....	.72	.68	.82	....	....	.04	.40	....	.14	.18	....	....	....	....	.19	2.16	.62	....	....	....	....	7.93
Eleven Point[2]	White	....	.01	....	....	.03	....	....	....	....	.73	.22	.34	.09	....	T	.18	....	.61	.60	....	....	....	....	T.	T.	1.14	....	....	....	....	....	3.95
England	Arkansas	.10	T.	....	....	.30	....	....	....	....	.25	.75	1.85	.97	....	....	.23	....	1 00	.22	....	....	....	....	....	.25	1.13	....	....	....	....	....	7.05
Eureka Springs	White	....	.10	....	....	.07	.08	....	....	....	.35	....	.05	....	....	.65	.44	....	.24	.36	....	....	....	....	.05	....	1.04	....	....	....	....	....	3.43
Evening Shade[2]	White	....	....	.03	....	T.	05	....	....	....	....	.60	....	.72	....	....	.21	....	....	67	.21	....	....	....	....	....	.48	.26	....	....	....	....	3.23
Fayetteville	White	....	.09	....	....	.02	.04	....	....	....	.34	.01	.14	.01	....	.58	.99	....	.26	.41	....	....	....	....	.05	.07	.97	T.	....	....	....	....	3.98
Fayetteville Exp. S	White	....	.03	....	....	.01	.02	....	....	....	.32	....	.12	T.	....	.62	.58	....	.24	.53	....	....	....	....	.05	.04	.89	T.	....	....	....	....	3.45
Fordyce	Arkansas	.33	....	....	....	.48	.04	....	....	....	.02	2.10	3.25	.83	....	....	.47	....	....	.25	....	....	....	....	....	.71	1.23	....	....	....	....	....	9.71
Forester[2]	Arkansas	....	....	....	....	.42	.03	....	....	....	....	....	T.	1.56	....	....	T	....	....	T.	.09	....	....	....	....	....	*	1 50	....	....	....	....	3.60
Fort Smith[1‡]	Arkansas	....	T.	....	....	.15	T.	....	....	....	.08	T	.61	....	....	1.23	.22	....	.01	.29	....	....	....	T.	.05	.74	.41	....	....	....	....	T.	3.80
Fort Smith W.[2]	Arkansas	....	....	T.	....	....	.01	....	....	....	....	.03	T.	.04	....	1.25	.01	T.	T.	.03	....	....	....	....	T.	1.17	.11	....	....	....	....	....	2.65
Fulton[2]	Red	.39	....	....	....	.16	.10	....	....	....	....	.10	2.03	2.06	....	T	T.	.03	T.	.67	.20	....	....	....	....	.43	.98	T	....	....	....	....	7.15
Georgetown[2]	White	....	....	....	....	....	.10	....	....	....	....	95	.60	1.65	....	....	....	20	....	2.05	.40	....	....	....	....	....	.55	....	....	....	....	....	6.50
Gilbert[2]	White	....	T.	T.	T.	....	....	....	....	....	....	.27	....	.55	....	....	.21	....	....	.19	....	....	....	....	....	....	.87	.38	....	....	....	....	2.47
Glenwood[2]	Ouachita	.05	....	....	....	.23	.21	....	....	....	....	.42	.28	1.82	....	....	.12	.22	....	.81	.35	....	....	....	.06	.21	1.93	....	....	....	....	....	6.71
Grannis	Red	....	.03	....	....	.18	T	....	....	....	.29	.04	1.38	.03	....	.05	.05	....	.10	.61	....	....	....	....	.31	1.01	.38	....	....	....	....	....	4.46
Gravelly[2]	Arkansas	....	....	....	....	....	.35	....	....	....	....	T.	....	1.29	....	....	....	....	T.	.28	....	....	....	....	....	....	1.24	....	....	....	....	....	3.16
Gravette	Arkansas	....	.20	....	....	T.	....	....	....	....	.34	....	....	....	....	.37	....	....	.34	.10	....	....	....	....	....	....	.86	....	....	....	....	....	2.21
Green Forest[2]	White	....	T.	....	....	T.	.05	....	....	....	.27	....	.14	....	....	.35	.37	....	.09	.53	....	....	....	....	T.	....	1.36	.04	....	....	....	....	3.20
Green Mountain	White	....	T.	....	....	....	....	....	....	....	....	....	.40	.50	....	....	.20	....	....	.30	....	....	....	....	T.	....	1.01	.50	....	....	....	.05	2.96
Greenwood[2]	Arkansas	....	....	T	....	T.	.15	....	....	....	T.	....	T.	.60	....	....	.05	....	....	.50	....	....	....	....	.05	....	1 00	....	....	....	....	....	2.35
Harrisburg[2]	St. Francis	....	....	....	....	....	.25	....	....	....	....	1.10	....	2.30	....	....	....	.50	....	1.60	.35	....	....	....	....	....	....	.65	....	....	....	....	6.75
Harrison	White	....	T.	....	....	T.	T.	....	....	....	.29	....	.21	....	....	.27	.62	....	.08	.44	....	....	....	....	....	....	1.29	.03	....	....	....	....	3.23
Heber Springs[2]	White	....	....	T.	....	....	.10	....	....	....	....	.89	....	1.45	....	....	.11	.05	....	1.92	....	....	....	....	.02	....	.96	....	....	....	....	....	5.50
Helena[2]	Mississippi	.28	T.	....	....	.30	1.18	....	....	....	....	1.74	.86	2.81	....	....	....	.23	....	.86	.10	....	....	....	....	....	.74	.37	....	....	....	....	9.47
Henderson[2]	White	....	....	.08	....	....	.04	....	....	....	.10	.24	....	.25	....	....	.33	....	....	.44	....	....	....	....	....	....	.89	.87	....	....	....	....	3.24
Highland	Ouachita	.10	....	....	....	.20	....	....	....	....	.30	.10	2.00	.60	....	....	....	....	.45	.15	....	....	....	....	....	1.50	.40	....	....	....	....	....	5.80
Hope[2]	Red	....	.44	....	....	.25	.14	....	....	....	....	.31	2.35	2.37	....	T.	.01	.03	....	.68	.26	....	....	....	....	.29	1.24	.25	....	....	....	....	8.62
Hot Springs	Ouachita	T.	T	....	....	.51	.04	....	....	....	.28	....	1.90	.72	....	T.	.10	....	.45	53	....	....	....	....	....	.50	1.57	....	....	....	....	....	6.60
Huttig[2](near)	Ouachita	.56	.28	....	....	.37	.42	....	....	....	....	.38	1.52	.34	....	....	T.	.55	....	.19	.15	.20	....	....	....	....	2.54	.14	....	....	....	....	7.64
Index[2]	Red	....	....	....	....	.35	.10	....	....	....	....	.20	2.25	2.50	....	....	....	.10	....	.50	.25	....	....	....	....	.30	.48	.10	....	....	....	....	7.13
Irons Fork[2]	Ouachita	....	....	....	....	.17	.15	....	....	.05	.23	....	.10	1.31	....	....	.23	....	....	.57	....	....	....	....	.14	.08	1.28	.04	....	....	....	....	4 35
Jessieville	Ouachita	....	....	....	....	.55	....	....	....	....	.59	....	.40	1.00	....	....	.36	....	.40	1.18	....	....	....	....	.03	.15	1.60	....	....	....	....	....	6.26
Jonesboro[2]	White	....	T.	.03	....	.01	.16	....	....	....	....	.75	T.	1.68	....	T.	.04	.57	....	1.83	.90	....	....	....	....	....	.27	.42	....	....	....	....	6.66
LaCrosse[2]	White	.10	....	....	....	....	.03	....	....	....	.20	....	*	1.00	....	....	.40	....	....	.18	.45	....	....	....	....	....	.71	.28	....	....	....	....	3.35
Lake City[2]	St. Francis	....	....	.50	....	....	....	....	....	....	....	.70	....	.95	.70	....	....	.50	....	.50	.72	....	....	....	....	....	.70	....	....	....	....	....	5.27

Daily Precipitation for March, 1943 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Lead Hill	White		.06			.02	.01				.26	.02	.09			.23	.39		.10	.46					.06		1.42						3.12
Little Rock[1]‡	Arkansas		T		T.	.69	T.				.39	.14	2.34			T.	.23		1.14	.97					T.	.50	1.21						7.61
Lutherville	Arkansas		T.			.17	T.				.37	T.	1.05	.10		.10	.10		.27	.45						.23	1.23						4.07
Madison[2]	St. Francis					.15	.31					1.40	.85	1.53			T.			2.38							1.12	.08					7.82
Magnolia	Red	.71				.35					.13	1.03	.87	.74			.18		.02	.22						1.18	.58						6.01
Mammoth Spg[2]	White		T.	.04			T.					.65		.08			.14			.35	.12						.35	.75					2.48
Marianna[2]	St. Francis	.17				*	.95					1.46	.55	2.15				.65		.72	.10						*	.98					7.73
Marked Tree[2]	St. Francis					T	.03					1.09	.62	1.25				.54		1.89	.49						.69	T.	.02				6.62
Marshall[2]	White					T.	.07					.20		.60			.03			.44							1.08	.53					2.95
Marvell[2]	White				.92						1.04	.90	1.54	.64						1.34	1.02						.70	.30					8.40
Mena[2]	Ouachita	T.				.13	.18	T.			T.	.30	.02	1.28			.06			.45	.01				.13	.09	1.25	T					3.90
Monticello[1]‡	Ouachita	T.	T.		T.	.75	.02				1.13	.73	1.11	T.			.39		.52	.15	.11	T.			.02	.55	1.09	.01					6.58
Morobay[2] (near)	Ouachita	.42	.11			.40	.37					.49	.68	.70				.26		.21					.15	.11	2.36	.07					6.33
Morrilton[2]	Arkansas					T.	.30					.35	.05	1.42			.06	T		.50	.60				.10	.05	1.10	T.					4.53
Mountainburg	Arkansas					.04	T.				.26	.02	.45			1.17	.27		.04						.11	.63	1.05						4.04
Mountain Home	White		.06								.20	.08	.23			.08	.50		.20	.58					T		1.55						3.45
Mountain Valley	Ouachita					.50					.55		1.57	.69			.35			.99						.76	1.51						6.92
Mtn. View[2](near)	White			T.		.01						.31		.83			.43			.84	.05						.94	.08					3.49
Mount Ida	Ouachita					.24	.02				.14	.05	1.30	.28		.05	.04		.30	.38					.11	.60	.64						4.15
Mulberry[2]	Arkansas						.03				.12	.06		.62			1.30			.25						.30	1.20	.15					4.03
Nashville	Red	.07	T.			.15					.19	.38	2.98	.02		T.	.06		.36	.12					.04	1.03	.45						5.85
Newhope(near)[2]	Ouachita	.10				.15					.23		1.50	.46		.44			.54							.75	1.25	.62					6.04
Newport[2]	White		T.			T.	.17					.75	.01	1.67			.70	.08		1.23	.92						.69	.03					6.25
Nimrod Dam	Arkansas		T			.61					.22	.04	1.47	.04			.04		.23	.55					.05	.28	1.40						4.93
Odell (near)[2]	Arkansas		.06				.06				.20	.08		.35			1.23			.58					.05	.03	.98	.12					3.74
Oden	Ouachita					.51					.10	.05	1.17	.30					.38								1.64						4.15
Okay	Red	.24				.26	.08				.10	.66	4.54	.61			T.		.16	.22					.07	.82	.23						7.99
Osceola[2]	Mississippi					T.	.26					1.10	.25	1.24				.86		2.16	.31						.25	.53	T.				6.96
Ozark	Arkansas			T.		T	.02				T.	.02	.03	.86			.13			.31					T		1.30	.11					2.78
Paragould	St. Francis		.06			.27	T.				.31	.47	.55	.79			.41		1.28	.89							.85						5.88
Parkin[2]	St. Francis			T.			.37					1.30	.65	1.38				.74		1.50	.50						.33	.35	T.				7.12
Perryville	Arkansas		T.			.37					.38		*	1.89		.26			.36	.85					*	1.36							5.47
Pine Bluff[2]	Arkansas	.50		T		.44	.33					.91	1.93	3.02				.60		.66	.11				T.		1.61	T.					10.11
Pine Ridge[2]	Ouachita					.23	.03					.21	.09	1.32			.04			.35	T.				.13		1.53	.03					3.96
Pocahontas	White		.01			.02	T.				.65	.30	.55	.32		.09			.34	1.36							.86						4.50
Portland[2]	Ouachita		.58	.28		*	.25	1.30					.35	.80	.40			.90		.05	.05		.40				.90	.92					7.18
Prescott[2]	Ouachita	.37				.24	.13					.21	2.11	2.77				.02		.54	.32					.14	1.19	.12					8.16
Rogers	White		.11	T.		.09	.02				.37		.03			.31	.13		.32	.29					.10	.15	.70						2.62
Rosebud	Arkansas					.20					1.09		.96	.92			.25		.25	1.55							1.10						6.32
Russellville	Arkansas		T.			.26					.14	.30	1.00				.10		.20	.70					.05	.23	1.27						4.25
St. Charles[2]	White	.45		T.		.52	.54					1.49	1.50	3.41				.30		.96	.10						.98						10.25
St. Francis[2]	St. Francis		T		T.		.42					.85		.56			.42			1.02	.31						.17	.90					4.65
St. Paul[2](near)	White						T					.37		.43			3.20			.50							1.35						5.85
Searcy[2]	White						.12					.78	.73	1.62			.24	.11		1.23	.69						.60	.02					6.14
Sheridan (near)	Ouachita	.41	.06			.65	.04				.16	.36	1.57	1.07			1.22		1.45	.51						.52	1.95						9.97
Shirley[2](near)	White			.04			T.				T.			1.09			.14			1.07							1.08						3.42
Siloam Springs	White		.10			T					.25					.32			.25	.05					T.	.27	.91						2.15
Sparkman[2] (near)	Ouachita	.33				.66	.04				.15		4.65	.67			.12		.15	.08					.03	.51	1.26						8.55
Springbank[2]	Red	.30	.04			.15	.02					.07	.74	.66			.04	.08		.14	T					1.00	.78	.20					4.22
Stamps[2](near)	Red	T	T.		.05						T	.50	.70	.50			.75		.10	.29						1.15							4.04
Stephens[2] (near)	Ouachita				.40							.55	1.09	.50					.21		.26					.60							3.61
Story[2]	Ouachita						.43				T.	.37	1.43	T.						.43					.09		1.38						4.13
Stuttgart[2]	Arkansas	.35				.65	.45					1.23	.58	2.58				.90		.75	.28						1.28	.08					9.13
Stuttgart Evap.[2]	Arkansas	.28				.61	.31					1.36	.94	2.22				.51		.48	.09						1.28	.92					8.99
Subiaco	Arkansas		T			.28	.02				.10	.05	1.05	.14		.01	T.		.29	.42					.01	.26	1.00	.01					3.64
Sugar Grove[2]	Arkansas					T	.35				T.	.13		1.10						.74					T	.09	.90	.09					3.40
Texarkana[1]	Red	T.	.01		.02	.11	.05				.08	.51	1.38	T		T.	.02		.54	.35					.18	.62	T						3.87
Tichnor[2]	White	.32				.52	.48					.48	3.64	2.23				.19		.45							1.39	.02	.01				9.73
Turnpike	Arkansas		.02			.03	.02				.45	.04	1.10			.31	.05		.40	.46					T.	.12	1.87	T.					4.87
Viola	White			.02							.05	.20			.30		.03			.57	.09						.70	.52					2.48
Wabash	Mississippi	.40	T.			1.00	.17		.85		T.	1.87	1.83	2.06			.31		.85	.10						.06	1.02	.09					10.61
Waldron	Arkansas					.30					.12	.06	1.26	.05			.15		.40	.77					.21	.45	.71						4.48
Walnut Grove(nr).	White		T.		T.	.22					.63	.13	.80	.46			.32		.68	.70							.80						4.74
Warren	Ouachita	.35	.02			.75	.17					1.95	1.05	1.05			.75		.47	.15						.67	1.30	.05					8.73
Whitecliffs[2]	Red												3.26	.95			.15		.10	.40					T	.55	.55						5.96
White Rock	Arkansas		T				.02				.40	.02	.52	T.		1.57	.32		.14	.10						.37	1.30						4.76
Wilson[2]	Mississippi						.25					1.32		1.50				1.00		2.70							.31	.58					7.66
Wright	Arkansas	.13				.75	.02					1.05	1.88	1.09			.21		.76	.15						.24	1.16						7.44
Wynne[2]	St. Francis					.35					1.54	T.	.65	1.27			.67		1.82	.42							1.36						8.08

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for March, 1943

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda §§	Evap.																									.046	.166		.138	.180	.210	.360	
	Mean tem.	40	23	18	26	28	29	22	26	41	44	40	36	48	50	56	44	44	50	54	40	45	41	41	43	48	48	59	56	58	60	65	42.6
	Wind move	44	102	131	67	80	102	145	32	67	158	76	34	41	30	115	185	91	19	39	91	60	65	13	26	6	70	58	13	14	30	85	2089
Hope §§ Exp. Farm	Evap.		.164	.082	*	.203	.002	*	.032	.202	.135	.040			.028	.116	.090	.175	.138	.034	.246	.063	.182	.130	.101	.063	.085	.117	.125	.126	.202	.240	3.121
	Mean tem.	42	32	22	28	34	34	28	33	46	45	44	44	49	54	58	55	51	53	60	44	42	46	40	52	52	60	62	63	65	66	60	47.8
	Wind move	6	62	106	43	60	61	96	44	35	63	50	62	72	21	54	100	60	42	41	87	129	81	21	37	42	44	68	23	21	30	64	1725
Irons Fork §§ Exp. Forest	Evap.										.256		.003		130	.106	.048	.132	.155	.002	.081	.121	*	.220	.084	.037	.064	.034	.033	.069	.208	.271	
	Mean tem.		25	18	24	32	24	22	28	43	46	41	40	52	54	60	43	46	52	44	41	42	40	41	49	47	54	55	58	60	66	51	43.6
	Wind move		15	11	10	24	6	13	3	11	48	12	1	1	4	24	31	16	30	9	9	13	7	7	13	*	5	2	1	1	13	37	382
Russellville	Evap.	.092	.182	.068	.054		.218	.054	.058		.016					.066	.192	.134	.206	.342	.106	.164	.130	.122	.078	.052			.128	.188	.248	.174	
	Mean tem.	40	38	20	27	35	32	24	30	44	55	44	42	51	53	66	57	46	52	52	43	46	57	44	52	50	56	58	58	63	65	64	46.8
	Wind move	20	142	69	30	54	83	46	45	51	46	46	25	36	13	40	92	37	28	71	36	86	28	82	78	38	70	25	18	24	37	53	1549
Stuttgart, §§ Rice Exp. Farm	Evap.	-.058	.147	*	*	*	.114	*	*	*	.212	.121	.000	-.016	.081	.209	.039	.068	.130	-.009	.115	.155	.119	.114	.122	.125	-.001	.056	.087	.113	.152	.221	2.416
	Mean Tem.	49	28	20	24	37	36	26	30	43	48	41	40	50	55	60	64	49	53	60	46	44	44	46	50	54	60	60	59	61	64	70	47.4
	Wind move	48	99	108	74	113	69	131	50	63	118	124	54	86	18	95	221	58	46	126	134	142	58	40	49	52	143	59	33	30	40	117	2598

Daily Temperatures for March, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Fork........	Maximum	60	55	34	37	37	37	37	65	65	63	52	44	64	72	72	71	65	63	67	54	52	57	59	66	55	53	69	75	79	79	78	59. 2
	Minimum	31	20	7	18	31	25	11	28	28	50	35	37	38	33	61	32	28	42	40	30	34	31	30	44	46	45	53	41	45	51	54	35. 5
Arkadelphia ....§§	Maximum	60	33	38	41	42	40	51	51	71	63	45	45	66	76	76	63	69	70	70	61	60	61	60	60	69	70	76	77	81	81	79	61. 5
	Minimum	35	32	9	9	19	20	15	20	26	28	39	40	40	36	37	48	38	34	39	33	33	30	30	35	31	35	54	47	48	50	51	33. 6
Batesville .....***	Maximum	60	32	35	42	35	36	32	42	64	59	47	41	65	72	73	70	63	53	67	54	55	56	59	59	64	56	69	71	77	79	77	56. 9
	Minimum	28	13	8	22	28	18	12	16	26	39	35	37	39	33	60	36	29	39	36	29	35	30	30	43	38	52	52	45	44	54	59	34. 4
Bee Branch........	Maximum	58	53	30	34	35	33	38	41	62	58	48	44	65	70	67	63	60	57	50	53	54	55	52	60	58	59	69	71	75	78	77	55. 7
	Minimum	24	15	1	9	25	22	7	11	18	44	31	35	29	30	52	34	23	37	41	27	31	24	24	40	38	49	47	48	39	43	52	30. 6
Benton ....§§	Maximum	60	31	35	38	38	37	37	45	66	61	47	43	63	74	74	56	65	66	68	54	55	58	60	67	57	66	78	76	79	80	84	58. 6
	Minimum	16	28	6	6	11	32	13	14	14	21	37	37	39	31	37	51	28	23	44	31	31	26	26	28	44	52	53	42	41	43	45	30. 6
Bentonville ....***	Maximum	42	24	28	43	29	23	31	47	62	56	55	44	66	69	69	44	60	54	61	44	47	52	55	56	55	52	65	75	77	78	68	52. 6
	Minimum	24	5	− 2	22	23	10	4	16	31	31	32	36	31	43	38	27	28	41	28	24	32	27	35	42	45	48	41	45	50	57	49	31. 1
Bluff City..........	Maximum	60	58	33	40	42	42	39	50	60	65	62	45	60	75	76	74	72	73	73	58	57	59	58	68	67	69	72	76	80	80	80	62. 0
	Minimum	40	25	10	21	34	30	11	22	25	55	40	40	41	40	61	38	36	50	44	33	37	32	35	47	50	54	54	50	50	53	55	39. 1
Blytheville........	Maximum	57	40	29	44	37	39	33	38	64	54	43	43	60	72	74	70	62	56	70	53	50	50	58	62	68	64	62	65	73	79	78	56. 4
	Minimum	28	18	7	18	33	22	13	14	27	38	34	37	35	37	53	41	31	39	40	31	33	31	31	42	41	51	50	40	45	49	55	34. 3
Booneville (near).	Maximum	60	56	37	44	42	35	40	51	68	65	49	47	65	75	76	74	67	65	70	48	56	59	59	61	59	60	72	80	81	81	78	60. 6
	Minimum	25	21	5	17	33	22	10	21	31	40	37	39	37	42	61	36	28	47	34	30	30	26	38	44	48	52	43	46	52	54	59	35. 7
Brinkley	Maximum	60	36	32	42	39	39	36	42	63	62	45	42	63	70	76	70	63	69	76	52	53	54	58	66	68	67	70	77	75	79	78	58. 8
	Minimum	31	16	11	20	34	21	16	19	29	42	37	39	35	39	61	40	39	47	39	34	36	32	35	47	47	54	54	44	48	55	59	37. 4
Camden.	Maximum	62	59	36	41	45	47	41	51	68	65	65	68	65	75	77	76	69	71	75	59	59	61	61	69	69	70	73	77	81	80	80	64. 4
	Minimum	46	25	12	20	35	31	12	20	22	51	42	41	33	32	60	40	40	52	55	35	39	35	35	48	50	55	53	47	48	50	58	39. 4
Camp Robinson ***	Maximum	58	43	50	48	38	35	35	42	65	59	47	43	62	72	74	70	61	52	69	51	54	55	57	64	58	64	70	74	76	82	79	58. 3
	Minimum	24	15	10	15	15	15	13	13	13	40	36	37	35	35	55	38	32	42	39	31	35	31	32	44	48	52	54	44	45	45	56	33. 5
Clover Bend.......	Maximum	58	42	33	45	39	36	36	40	66	57	48	48	55	72	68	68	68	55	63	53	52	56	59	61	53	61	64	68	84	81	79	57. 0
	Minimum	24	15	4	14	21	23	8	12	17	44	31	34	28	34	51	42	25	36	36	27	33	27	25	44	45	49	46	38	39	44	52	31. 2
Conway	Maximum	62	55	35	38	41	41	41	46	69	66	50	48	66	76	74	73	65	62	64	55	60	59	61	65	61	63	74	77	80	84	82	61. 1
	Minimum	30	22	9	18	34	29	13	19	24	45	37	39	34	35	57	44	30	44	44	31	34	32	33	45	44	53	54	45	48	51	55	36. 5
Corning	Maximum	59	36	30	40	34	35	35	38	65	57	50	46	63	73	72	76	61	54	64	51	54	54	58	69	63	66	66	70	75	81	78	57. 2
	Minimum	36	13	5	20	25	22	10	13	24	44	33	33	33	33	54	39	29	40	46	29	33	30	29	36	51	50	42	43	45	51	54	33. 8
Crossett............	Maximum	56	54	36	40	62	62	43	50	69	72	70	57	68	76	82	77	70	80	77	61	60	60	62	71	67	71	70	77	80	80	83	65. 9
	Minimum	44	25	12	12	35	35	18	18	26	50	47	44	42	37	59	42	32	43	58	35	36	27	28	46	52	54	49	39	42	45	55	38. 3
Dardanelle........	Maximum	60	58	36	41	41	37	36	45	67	67	49	49	64	75	74	74	66	65	59	57	59	57	59	60	61	61	73	75	81	82	82	60. 3
	Minimum	30	21	9	20	31	27	13	20	26	47	36	39	40	35	59	40	30	46	39	31	34	29	35	45	45	43	47	48	52	52	54	36. 2
De Queen....	Maximum	61	53	35	46	48	42	42	49	68	60	50	49	54	72	76	75	65	64	64	59	59	60	56	62	62	65	73	77	78	79	76	60.6
	Minimum	28	27	8	20	35	25	13	26	39	49	41	42	40	37	62	43	31	49	41	29	35	27	36	43	49	53	44	50	50	49	49	37. 5
Des Arc	Maximum	59	58	30	37	38	39	37	46	71	66	65	49	62	71	74	74	62	60	70	55	55	54	59	63	64	66	69	71	76	80	80	60. 0
	Minimum	33	22	10	20	33	30	15	19	26	54	36	39	35	36	61	40	32	45	50	34	37	33	34	46	47	54	55	46	47	55	55	38. 0
Devils Knob.......	Maximum	52	43	27	33	30	25	33	38	56	52	45	41	60	63	60	62	55	50	59	45	48	54	49	58	51	55	64	67	72	74	66	55. 1
	Minimum	34	9	− 2	15	25	14	2	14	25	34	29	33	34	41	56	27	32	42	29	23	28	27	30	40	44	46	43	46	48	53	54	32. 8
Dumas	Maximum	62	52	33	39	43	43	37	46	68	66	64	46	63	74	78	73	65	75	75	55	55	55	61	68	60	68	69	74	78	81	83	61. 6
	Minimum	46	23	12	20	34	31	18	22	28	54	39	40	40	39	59	41	36	48	51	35	37	32	31	48	52	52	54	45	48	52	55	39. 4
El Dorado	Maximum	61	51	34	40	47	44	45	52	59	68	67	51	70	73	78	76	69	76	75	..	..	..	..	..	60	61	70	72	80	81	80	63. 1
	Minimum	41	36	13	30	35	34	18	19	31	55	45	43	40	47	63	42	38	52	43	36	38	32	36	50	50	56	55	51	50	52	57	41. 5
England......... .	Maximum	60	48	28	38	38	36	35	44	57	54	50	45	59	66	75	74	63	55	70	52	54	53	59	67	61	67	61	71	72	67	78	56. 7
	Minimum	32	20	9	19	32	29	14	15	37	47	36	38	37	37	56	38	32	44	46	31	34	30	30	44	46	52	52	43	48	47	58	36. 5
Eureka Springs ...	Maximum	50	37	32	43	41	28	33	50	62	60	54	51	68	70	71	68	61	58	63	45	51	54	60	59	58	54	66	75	78	80	77	56. 7
	Minimum	25	11	0	21	21	17	3	14	32	32	32	34	31	43	58	27	33	38	28	25	31	26	34	42	43	48	40	45	53	56	60	32. 5
Fayetteville.......	Maximum	51	43	33	44	43	29	36	49	63	62	57	55	68	70	70	70	62	61	54	47	51	58	57	59	58	55	68	77	78	80	78	57.6
	Minimum	23	12	2	22	28	16	7	18	35	33	33	34	32	44	58	28	32	45	28	27	32	26	36	42	47	48	40	42	54	56	59	33. 5
Fayetteville Exp. S	Maximum	50	40	32	43	41	27	33	46	61	59	55	55	65	68	70	69	60	58	63	45	50	54	54	58	58	55	67	75	76	78	75	56. 1
	Minimum	21	11	− 2	21	26	14	5	15	34	32	32	32	30	42	58	27	28	43	27	26	31	24	32	41	44	48	37	43	51	56	58	31. 8
Fordyce............	Maximum	61	55	35	49	42	42	41	50	69	64	64	44	66	75	76	75	68	73	73	68	60	61	61	70	60	70	76	78	80	81	80	63. 5
	Minimum	42	22	10	19	32	29	14	18	30	53	37	39	39	40	60	39	33	48	47	31	35	31	32	45	48	54	44	45	49	50	50	37. 6
Fort Smith.....***	Maximum	58	35	35	47	36	34	35	51	68	62	50	45	63	74	76	51	67	56	59	51	53	56	58	59	56	60	71	76	80	80	72	57. 2
	Minimum	34	12	9	22	33	17	14	24	32	39	37	42	38	45	44	35	35	48	33	32	38	33	40	46	48	53	48	52	54	57	62	37. 3
Gilbert...........§§	Maximum	58	24	37	44	38	30	38	50	64	59	50	45	68	73	70	55	60	69	55	50	55	57	59	64	58	56	70	75	76	78	81	57. 0
	Minimum	20	16	2	2	20	22	6	6	12	12	33	30	30	27	27	31	21	32	36	21	21	20	20	25	33	33	35	37	39	39	42	21. 2
Grannis	Maximum	63	53	35	45	41	41	44	50	66	59	47	47	61	72	75	71	65	56	61	58	56	61	55	60	55	64	74	77	78	78	70	59. 3
	Minimum	31	20	4	14	32	22	9	21	28	44	37	41	37	37	59	37	31	46	37	28	32	23	31	39	44	50	44	48	49	48	52	34. 7
Gravette...........	Maximum	49	34	29	45	41	28	33	48	64	63	58	55	68	71	72	72	61	61	61	44	50	55	56	58	58	56	69	77	78	79	76	57.1
	Minimum	20	19	10	21	26	14	2	15	33	30	33	35	25	42	58	25	27	41	26	24	30	25	34	41	45	48	36	43	51	56	59	32. 1
Green Mountain. ..	Maximum	59	45	31	38	35	39	39	39	60	55	71	44	61	70	68	68	59	55	54	65	67	66	56	65	60	61	65	69	77	80	78	58. 0
	Minimum	30	10	0	18	20	19	5	15	27	38	39	34	37	40	55	32	35	37	45	29	32	30	32	40	45	49	46	45	50	55	68	34.1
Harrison	Maximum	53	42	35	43	34	28	36	47	64	60	52	48	66	71	68	67	62	57	64	48	51	55	59	62	60	56	69	75	78	79	75	56. 9
	Minimum	22	14	- 1	22	22	20	6	11	29	34	32	32	32	35	60	30	24	39	32	24	32	24	30	42	37	49	40	43	47	53	60	31. 5
Helena..............	Maximum	58	55	28	38	40	41	37	41	63	64	63	43	60	70	76	74	62	66	73	57	50	52	57	65	65	70	64	70	74	78	77	59. 1
	Minimum	36	21	11	19	33	31	16	20	30	52	36	39	38	39	60	40	35	47	55	33	35	30	34	46	50	52	52	47	50	55	55	38. 6
Highland....... ..	Maximum	56	51	31	38	37	45	39	45	64	61	58	44	56	68	71	71	61	58	64	53	55	56	55	59	55	64	70	73	75	74	70	57. 3
	Minimum	35	23	6	19	32	24	11	21	28	52	37	39	38	38	59	38	33	47	42	30	35	31	34	43	47	52	53	48	49	50	50	36. 9
Hope ....§§	Maximum	59	33	35	42	42	38	40	51	68	63	47	45	58	75	75	59	69	71	68	56	59	60	57	68	58	69	74	78	81	80	75	59. 8
	Minimum	36	32	9	10	25	30	15	15	25	27	40	42	40	34	40	51	33	35	51	33	34	32	34	37	45	50	51	48	49	51	54	35. 7
Hot Springs........	Maximum	62	55	36	38	38	37	43	51	69	66	52	47	69	75	74	71	69	66	68	59	59	62	61	66	64	64	74	76	82	81	78	61. 7
	Minimum	33	21	7	22	32	25	12	21	31	51	36	36	40	43	60	37	36	48	40	30	34	31	34	46	50	53	52	46	46	56	49	37.4
Irons Fork.......§§	Maximum	58	26	37	40	38	28	40	50	65	54	47	41	67	72	72	52	67	67	48	55	55	60	56	62	54	58	71	78	79	80	67	56. 4
	Minimum		24	0	9	25	21	4	5	21	38	35	36	38	36	47	34	24	38	39	27	29	20	26	36	40	49	39	39	41	52	55	30. 9
Jonesboro	Maximum	58	54	30	41	37	37	33	40	65	61	47	41	61	72	73	73	63	60	67	50	52	51	57	60	67	62	66	66	74	81	77	57. 4
	Minimum	32	18	9	19	29	29	13	17	26	46	34	35	35	36	53	39	30	43	47	31	35	32	30	43	42	52	52	45	46	51	57	35. 7
Lead Hill..........	Maximum	52	38	35	47	37	30	34	46	65	58	69	48	66	74	70	69	62	56	49	48	51	56	59	60	60	59	67	74	80	81	75	57. 3
	Minimum	17	14	− 5	12	18	19	4	6	23	35	35	29	26	28	52	31	22	34	34	23	31	20	25	42	33	49	36	39	42	51	52	28. 3
Little Rock..***	Maximum	59	38	32	39	38	36	35	42	66	60	47	43	61	72	76	70	61	54	70	50	54	54	56	65	57	66	69	72	74	80	78	57.2
	Minimum	36	15	11	19	33	21	14	21	28	41	38	39	39	37	57	42	35	47	38	33	37	36	34	47	49	53	52	48	49	51	58	37.4
Lutherville........	Maximum	60	49	31	37	37	32	38	42	64	58	49	44	64	70	68	68	60	53	62	55	55	57	55	61	57	58	70	78	76	77	76	56.8
	Minimum	26	16	3	17	29	23	7	12	13	42	34	38	40	38	58	37	21	43	37	27	33	30	30	36	46	50	45	47	50	49	58	33.4
Magnolia..........	Maximum	59	55	35	40	47	44	40	53	71	65	63	48	63	78	79	77	69	76	77	58	61	62	60	69	66	72	75	79	80	81	80	63.9
	Minimum	41	23	12	21	35	31	17	26	30	54	43	40	40	39	59	38	35	50	46	31	34	30	34	44	49	54	55	53	48	53	54	39. 3
Mammoth Spring.	Maximum	54	45	30	43	37	32	33	40	64	59	40	40	66	72	71	69	61	58	48	51	52	55	58	60	65	62	68	68	76	81	79	56. 0
	Minimum	22	16	3	16	21	26	8	13	25	40	34	32	24	29	57	36	25	36	41	26	33	36	24	38	41	51	47	44	40	46	51	31. 6
Marianna.......§§	Maximum	59	27	28	36	40	37	33	42	62	63	47	43	65	70	75	68	63	70	72	50	51	53	53	65	65	68	66	69	75	77	76.	57 0
	Minimum	34	25	10	13	32	32	17	20	25	50	37	36	37	40	55	61	35	45	65	33	35	30	31	43	45	50	53	45	47	50	53	38. 2
Marked Tree....§§	Maximum	60	30	29	42	37	29	34	41	64	57	59	41	61	70	73	52	62	69	70	59	52	53	57	66	66	64	66	67	74	80	79	56. 9
	Minimum	30	25	9	10	17	29	12	15	19	32	34	33	29	31	34	49	31	38	45	31	33	32	30	42	43	49	52	43	44	47	55	33. 0
Mena...............	Maximum	61	54	37	43	40	37	39	56	66	62	49	46	65	72	74	70	65	62	66	55	53	59	57	60	56	63	72	78	79	79	77	59. 7
	Minimum	27	19	6	21	32	21	10	20	32	43	37	39	35	38	61	37	30	47	35	30	33	28	35	41	47	51	46	52	48	55	55	35. 8
Monticello......***	Maximum	61	49	33	39	41	39	36	46	68	67	55	47	64	74	79	74	66	75	73	55	54	57	61	67	60	68	67	75	78	80	80	61.0
	Minimum	46	21	12	20	34	26	18	24	33	55	41	41	41	45	61	40	38	51	44	36	38	32	36	47	53	55	54	46	53	56	57	40. 5
Morrilton ....§§	Maximum	60	29	34	39	49	40	36	43	67	59	49	44	62	73	74	50	63	63	54	54	56	55	58	60	57	62	70	75	78	79	71	56. 9
	Minimum	28	24	9	12	23	27	12	15	23	38	35	36	34	34	56	40	30	34	47	31	34	29	30	33	41	50	52	42	48	49	54	33. 9
Mountain Home...	Maximum	54	43	34	46	37	35	36	42	65	59	53	47	67	74	71	71	63	55	68	51	52	57	59	61	62	61	69	76	80	81	77	58. 3
	Minimum	22	12	2	17	21	19	6	11	22	36	32	31	30	32	58	31	25	40	35	21	30	25	26	45	38	49	44	42	43	52	57	30. 8
Mt. Ida............	Maximum	61	57	38	41	41	39	41	48	67	62	48	47	66	74	73	74	66	61	71	55	58	62	60	64	59	65	67	79	81	80	75	60. 6
	Minimum	22	23	4	15	33	24	6	10	21	44	36	39	40	29	59	38	22	37	38	23	27	21	26	41	46	52	41	37	40	46	58	32. 2
Nashville..........	Maximum	59	54	35	44	41	42	40	49	68	65	59	48	57	73	76	74	65	62	71	58	59	60	56	64	64	69	75	77	80	79	75	61. 2
	Minimum	33	27	10	20	34	27	15	23	29	55	41	41	38	39	62	42	35	50	43	34	39	37	36	63	49	54	49	50	48	49	50	39. 4
Newport...........	Maximum	60	55	31	41	36	35	35	42	64	59	45	45	61	70	74	73	62	58	68	52	54	53	58	61	65	60	67	74	75	80	81	57. 9
	Minimum	32	20	10	18	33	29	14	18	24	44	35	37	36	35	60	38	31	43	47	32	37	34	30	45	41	53	54	47	47	52	54	36. 5
Oden......... ..***	Maximum	62	45	38	42	37	33	41	50	68	60	49	42	65	73	73	62	66	58	62	59	55	61	57	64	55	64	72	78	81	80	68	58. 7
	Minimum	28	19	4	18	32	22	8	14	30	39	37	40	41	34	64	35	25	44	34	26	29	25	32	42	48	52	46	43	48	51	57	34. 4

Daily Temperatures for March, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	60	58	37	44	42	43	42	56	69	69	62	47	55	74	76	77	68	68	72	58	60	60	61	66	66	72	74	79	81	81	79	63.1
	Minimum	32	27	11	21	35	29	16	23	25	56	41	41	40	37	61	44	35	49	45	33	38	28	34	47	50	54	51	49	51	49	53	38.9
Ozark	Maximum	62	52	34	43	43	40	40	47	67	64	64	48	65	73	75	71	65	61	59	56	58	58	58	60	60	60	72	75	79	83	80	60.4
	Minimum	26	19	4	13	31	24	8	18	30	43	44	36	36	41	60	36	28	48	35	27	31	25	37	45	48	51	40	48	51	50	49	34.9
Paragould	Maximum	55	44	28	41	35	36	31	37	61	55	48	44	58	67	71	70	58	56	68	48	49	50	56	60	66	66	63	62	71	77	76	55.1
	Minimum	30	17	8	17	29	29	13	16	25	46	34	35	36	32	52	41	29	41	47	30	34	31	29	42	38	52	51	43	46	48	56	34.7
Perryville	Maximum	60	59	35	42	38	37	36	44	68	65	48	48	63	75	74	74	65	58	70	58	57	55	61	64	62	64	70	76	81	82	81	60.3
	Minimum	26	20	7	9	31	26	12	8	22	45	35	37	38	31	54	40	26	42	39	27	35	27	29	42	41	52	52	42	45	50	52	33.6
Pine Bluff	Maximum	62	54	34	39	41	41	36	47	69	66	59	44	63	74	78	75	66	61	72	57	56	58	62	75	60	69	70	76	79	83	82	61.5
	Minimum	42	23	13	21	34	31	17	24	29	54	39	40	39	39	49	41	36	47	46	35	37	33	33	47	53	54	55	47	49	54	59	39.4
Pocahontas	Maximum	61	56	32	40	33	37	35	39	69	60	47	46	63	70	70	72	60	58	66	54	55	55	57	60	66	62	69	67	72	79	77	57.6
	Minimum	29	17	6	17	23	27	10	14	21	43	33	34	33	33	34	37	28	40	46	27	34	30	27	41	38	52	50	44	42	45	52	32.5
Portland	Maximum	60	56	34	40	55	54	40	40	68	70	68	54	65	76	80	75	70	79	78	62	57	57	64	70	64	74	68	75	80	80	80	64.3
	Minimum	46	25	13	22	35	35	19	25	29	51	44	42	42	42	58	40	38	49	49	40	39	33	35	47	49	54	52	47	49	52	56	40.5
Prescott	Maximum	59	58	35	43	41	41	40	51	67	67	62	44	59	74	75	75	70	68	71	57	58	61	60	69	65	71	73	78	81	80	80	62.4
	Minimum	38	25	11	22	34	29	16	22	28	56	40	41	42	38	61	41	36	49	52	34	38	34	35	47	50	55	54	49	51	52	55	39.8
Rogers	Maximum	47	26	31	41	31	22	32	50	62	55	56	46	63	69	69	66	60	57	45	45	49	55	57	57	54	55	67	76	77	78	67	53.7
	Minimum	24	10	− 2	20	20	15	3	15	30	30	33	33	29	41	58	27	27	40	27	25	32	26	32	41	41	32	38	45	50	55	58	30.8
Russellville	Maximum	60	55	34	39	40	36	37	41	67	61	50	49	64	74	73	73	64	60	63	58	57	67	59	60	60	60	72	75	80	81	78	59.8
	Minimum	21	20	7	15	30	27	11	17	22	46	37	36	38	32	58	41	28	43	40	28	30	27	29	44	40	53	43	44	46	48	50	33.9
St. Charles §§	Maximum	60	30	29	40	41	38	35	44	65	65	43	44	62	73	72	70	63	72	74	58	54	55	60	67	64	70	68	73	76	80	79	58.8
	Minimum	39	27	11	13	22	32	16	19	23	34	37	38	38	35	50	61	34	38	51	31	36	32	32	41	49	52	53	45	50	54	58	37.2
Searcy	Maximum	59	53	32	37	37	37	37	41	64	59	47	46	63	72	74	72	63	56	68	52	55	55	60	61	65	62	69	73	78	80	78	58.2
	Minimum	32	21	9	19	32	29	14	19	23	45	36	38	35	34	55	39	29	43	47	32	36	32	30	42	45	52	54	44	45	48	56	36.0
Sheridan (near)	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Siloam Springs	Maximum	48	37	27	39	42	27	30	40	59	59	53	48	62	65	69	69	58	52	58	40	45	51	50	54	54	55	65	73	74	74	74	53.3
	Minimum	20	10	− 6	19	26	12	5	30	31	30	32	33	26	42	56	25	27	41	25	25	30	24	35	40	43	47	37	43	50	55	52	31.1
Stuttgart	Maximum	60	52	31	37	41	40	34	41	64	63	59	44	62	72	75	73	62	59	72	53	53	54	58	67	64	67	69	72	75	79	80	59.1
	Minimum	37	20	9	17	17	30	14	20	27	46	36	38	36	37	54	38	31	44	45	31	34	29	30	44	47	51	51	44	45	49	53	35.6
Stuttgart (near) §§	Maximum	59	29	30	37	41	39	36	43	63	62	44	43	62	71	75	63	63	70	71	57	53	55	59	67	63	69	67	72	75	78	78	53.0
	Minimum	39	28	11	12	33	33	17	17	23	33	38	38	38	39	45	61	35	36	50	34	36	33	32	33	46	52	53	46	49	50	51	36.8
Subiaco	Maximum	60	54	32	43	41	35	35	48	67	63	50	48	66	73	74	73	66	62	68	56	55	56	58	60	57	59	71	76	80	82	76	59.5
	Minimum	31	20	7	16	32	24	12	19	29	44	37	39	39	43	59	37	31	..	..	29	40	30	37	45	46	52	47	49	50	55	60	36.5
Texarkana ***	Maximum	60	50	34	42	44	38	40	54	67	65	48	45	53	73	75	61	69	71	71	55	59	60	58	66	60	68	73	77	80	79	74	60.3
	Minimum	39	19	11	25	36	29	18	30	35	43	40	42	42	37	61	44	40	53	45	36	38	36	40	46	53	55	52	51	54	55	56	40.7
Turnpike	Maximum	53	41	28	33	30	26	34	39	60	53	46	44	63	68	62	63	57	55	60	17	48	55	53	59	52	51	65	71	74	78	68	52.8
	Minimum	34	9	− 1	28	24	16	3	14	28	32	28	32	32	41	55	30	31	41	32	24	27	27	29	39	44	45	41	44	50	52	53	31.7
Wabash	Maximum	66	65	35	42	45	47	44	45	65	69	71	48	62	73	77	82	65	69	68	70	58	58	65	70	72	75	71	71	77	81	81	64.1
	Minimum	39	21	12	20	34	33	17	22	31	52	38	41	40	38	60	41	44	47	55	34	36	33	32	47	56	54	54	45	47	55	57	39.8
Waldron	Maximum	60	58	35	41	43	37	37	51	66	66	50	50	67	73	75	73	67	64	71	55	55	60	59	62	62	58	73	78	80	80	77	60.7
	Minimum	25	20	6	20	34	22	12	16	31	40	37	39	40	38	62	36	27	46	34	29	31	26	36	43	47	52	44	43	46	53	59	35.3
Warren	Maximum	60	58	34	39	43	43	39	48	68	67	67	47	64	76	78	77	67	76	75	59	57	58	62	69	66	70	70	76	80	80	80	63.0
	Minimum	45	26	12	19	35	33	18	22	29	51	42	42	42	38	62	42	35	50	59	36	39	34	34	49	52	56	55	45	47	53	58	40.6
White Rock	Maximum	55	42	32	38	40	33	36	39	59	60	42	42	58	67	64	64	57	50	49	49	49	53	50	53	51	52	64	70	74	75	69	52.8
	Minimum	35	7	0	14	25	13	3	15	27	32	29	34	33	41	54	26	32	44	22	23	28	27	32	38	43	45	43	48	50	52	52	31.2
Wilson	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Wright	Maximum	56	54	30	35	38	36	34	40	62	61	58	42	61	69	72	72	59	59	59	57	52	52	55	63	62	64	66	69	76	84	76	57.2
	Minimum	34	20	9	18	30	27	13	19	25	48	35	40	34	35	55	39	31	43	34	30	33	29	29	43	49	51	52	44	45	48	55	35.4
Wynne	Maximum	60	59	32	38	38	39	34	40	63	60	57	48	61	72	74	73	62	59	72	50	51	53	59	65	65	65	65	68	74	75	79	58.5
	Minimum	37	18	7	17	31	28	12	16	28	49	34	41	31	63	57	37	29	41	49	29	32	27	29	44	45	51	51	40	46	50	51	36.1

Daily River Stages for March, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.3	7.2	7.2	7.1	7.0	6.6	6.7	7.0	6.9	6.6	6.8	6.6	7.0	7.5	8.0	8.5	8.6	8.4	8.5	8.5	8.2	8.1	8.0	7.8	7.6	8.3	11.1	14.5	14.6	12.8	11.2
Van Buren	do	22	6.2	6.1	6.2	6.1	5.9	5.6	5.6	5.9	5.8	5.7	5.8	5.6	6.0	6.5	7.0	7.7	7.9	7.4	7.7	7.8	7.6	7.4	7.1	7.0	6.8	7.3	10.6	14.2	14.6	12.8	11.1
Danville	Petit Jean	20	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	4.6	10.4	10.8	8.3	6.9	5.7	5.4	7.3	9.5	8.2	7.0	6.6	5.6	7.8	18.3	19.2	16.9	12.7	9.5
Ozark	Arkansas	22	2.3	2.3	2.3	2.2	2.2	2.1	1.9	1.8	1.8	1.4	1.4	1.7	1.8	1.4	1.1	1.0	3.9	4.4	3.1	4.0	4.2	3.9	3.6	3.4	3.3	3.0	5.3	8.6	9.4	9.4	7.6
Dardanelle	do	22	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.2	4.4	4.4	4.9	4.8	4.5	4.9	5.5	6.1	6.2	6.9	7.2	6.8	6.6	6.5	6.4	6.9	7.4	9.9	12.7	13.0	11.6
Morrilton	do	20	0.2	0.1	0.0	-0.1	-0.2	-0.2	-0.1	-0.5	-0.6	-0.6	-0.4	-0.6	-0.2	0.4	0.9	1.2	1.9	3.0	3.0	3.0	3.2	3.2	2.8	2.4	2.3	2.0	3.4	5.6	8.9	10.1	9.2
Little Rock	do	23	2.1	2.1	2.0	1.9	1.9	1.9	1.8	1.7	1.6	1.6	1.7	1.8	2.8	3.6	4.0	4.1	4.1	4.3	4.9	5.2	5.3	5.3	5.0	4.6	4.2	4.3	4.8	6.3	8.4	10.0	10.8
Pine Bluff	do	25	4.5	4.5	4.5	4.5	4.3	4.2	4.1	3.9	3.8	3.6	3.5	3.5	4.7	6.3	7.1	7.7	7.7	7.6	8.0	8.5	8.9	9.0	8.9	8.5	8.0	7.7	7.9	8.8	10.8	13.8	15.0
Gilbert	Buffalo	30	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.4	3.4	3.2	3.8	5.4	5.0	1.8	4.9	4.8	4.7	4.5	1.4	4.3	4.3	8.8	7.0	6.2	5.7	5.4
Black Rock	Black	14	3.2	3.4	3.1	3.1	3.0	2.9	2.9	2.9	2.9	2.9	3.0	3.1	3.2	4.0	4.3	4.5	4.6	4.7	5.8	9.8	10.2	10.1	9.5	8.9	8.6	8.1	8.6	11.7	11.8	11.4	11.0
Heber Springs	Little Red	30	3.6	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.5	3.6	6.3	7.8	7.5	6.9	6.8	6.7	8.2	9.6	8.9	8.1	7.5	6.9	6.5	6.6	13.1	11.1	9.6	8.5	7.8
Ozark Beach Mo	White	30	-0.6	-0.6	-0.6	-0.6	0.0	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	1.4	3.5	4.5	5.6	5.4	5.8	5.9	5.2	4.8	4.5	4.4	5.0	6.2	7.2	6.6	5.7
Cotter	do	21	2.9	2.8	2.8	2.9	2.9	3.0	3.2	3.1	2.9	2.8	2.7	2.7	2.7	2.6	2.9	2.2	2.5	4.2	5.3	5.6	5.8	6.7	6.8	6.2	6.0	6.1	8.3	8.2	8.0	7.9	7.2
Calico Rock	do	18	2.2	2.0	1.7	2.0	1.9	1.9	2.1	2.2	2.0	1.5	1.8	2.0	2.0	2.0	2.2	2.2	2.0	3.0	4.8	5.2	6.2	6.2	6.3	6.0	5.5	5.2	8.9	10.2	9.1	8.6	8.2
Batesville	do	23	6.5	6.4	6.2	6.0	6.2	6.2	6.2	6.5	6.4	6.1	5.9	6.1	7.5	6.8	6.6	6.8	6.8	6.7	9.5	10.4	10.4	11.0	11.2	11.1	10.7	10.3	11.7	15.9	15.2	14.3	14.1
Newport	do	26	3.0	3.0	3.0	2.8	2.8	2.6	2.6	2.4	2.2	2.2	2.2	2.2	2.6	4.8	4.6	4.4	4.4	4.4	4.8	9.7	11.1	11.7	12.3	12.3	11.7	11.3	11.3	13.0	16.3	16.7	16.6
Georgetown	do	21	4.6	4.5	4.4	4.1	4.0	4.0	3.9	3.7	3.7	3.6	3.6	3.9	4.9	7.7	8.9	9.3	9.3	9.3	10.0	12.3	14.8	15.7	15.9	16.0	16.0	15.8	15.8	16.3	17.1	17.5	17.8
Des Arc	do	24	6.8	6.8	6.7	6.7	6.6	6.6	6.6	6.0	6.0	6.0	6.0	6.4	8.2	10.7	12.0	12.7	13.2	13.6	14.6	15.8	17.3	18.3	18.8	19.0	18.9	18.8	18.8	18.3	19.0	19.3	19.6
Clarendon	do	26	12.4	12.2	12.1	11.9	11.8	11.7	11.5	11.3	11.2	11.1	11.4	11.9	14.0	16.1	17.4	18.2	18.7	19.1	19.9	20.6	21.3	22.0	22.6	23.1	23.5	23.9	24.2	24.3	24.3	24.3	24.4
St. Charles	do	25	12.9	12.6	12.4	12.2	12.0	12.0	11.9	11.8	11.7	11.6	11.8	12.5	15.2	17.0	18.1	18.8	19.4	19.8	20.2	20.7	21.1	21.5	22.0	22.4	22.7	23.2	23.5	23.8	24.0	24.1	24.2
Glenwood	Caddo	..	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.4	7.7	6.5	6.2	6.2	6.0	6.0	6.4	6.4	6.2	6.0	5.9	5.8	5.8	8.4	7.0	6.5	6.2	6.0	5.9
Arkadelphia	Ouachita	17	4.5	5.5	5.3	5.6	7.0	7.4	6.3	5.4	5.1	6.3	7.1	6.8	15.3	12.5	9.4	8.9	8.8	7.9	9.8	10.5	9.3	8.3	7.2	7.2	8.5	10.0	15.3	14.6	12.6	11.5	8.9
Boughton	Little Mo.	20	5.0	5.0	5.0	4.9	4.8	4.8	5.0	5.2	5.3	4.9	5.0	7.2	17.9	21.4	20.0	17.6	14.3	11.2	11.6	13.6	13.4	11.7	9.7	8.6	7.4	11.3	16.7	17.8	17.6	14.5	10.0
Camden	Ouachita	26	6.0	5.5	5.6	6.0	6.6	6.7	8.1	9.0	7.6	6.5	6.8	8.2	15.8	23.6	28.8	31.1	32.3	32.4	31.8	30.6	29.5	28.2	26.7	24.8	22.3	20.6	21.9	[illegible]	27.2	28.0	28.3
Benton	Saline	20	4.5	4.4	4.4	4.4	4.3	4.7	4.9	4.9	4.9	5.0	4.9	5.0	18.8	13.4	9.9	9.0	9.0	9.0	16.5	14.4	9.5	8.7	7.4	5.8	5.2	11.4	16.8	14.8	13.7	11.6	9.5
Index	Red	25	7.2	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.8	7.0	10.2	10.9	12.0	11.6	11.3	11.2	9.8	9.0	8.6	8.5	8.4	8.8	8.0	8.0	8.6	12.8	13.9	13.3	12.6
Fulton	do	25	6.8	6.7	6.6	6.6	6.5	6.4	6.4	6.4	6.4	6.3	6.3	7.0	12.1	14.1	11.9	14.8	14.7	14.0	13.0	12.0	11.3	11.0	10.7	10.2	9.8	10.0	11.0	13.2	15.4	15.6	14.0
Big Lake Outlet	St. Francis	10	4.6	4.6	4.5	4.5	4.4	4.5	4.5	4.5	4.5	4.4	4.9	4.9	5.5	5.7	6.2	6.8	7.6	7.8	8.1	8.6	9.4	10.1	10.6	11.1	11.4	11.6	11.9	11.9	11.9	11.9	11.8
St. Francis	do	18	5.7	5.7	5.5	5.5	5.4	5.3	5.3	5.1	5.1	5.1	5.2	5.3	7.2	8.8	10.4	11.4	12.4	12.6	13.4	15.0	15.8	16.4	16.9	17.3	17.7	18.0	18.4	18.4	18.1	17.8	17.4
St. Francis L.L.	do	..	18.2	18.2	18.0	18.0	18.1	18.6	18.2	17.9	17.8	17.8	18.0	18.3	18.5	18.7	18.9	19.2	19.5	19.8	20.1	20.4	20.6	20.7	21.3	21.8	22.0	22.3	22.5	22.6	22.7	22.9	23.2
Marked Tree	do	17	6.4	6.3	6.3	6.1	5.9	5.0	6.0	6.3	6.1	5.9	5.9	5.9	6.8	7.1	7.4	7.5	7.7	7.8	9.0	9.5	9.8	9.8	9.1	8.7	7.3	7.2	8.1	8.1	8.3	7.1	6.4
Parkin	do	28	5.8	5.7	5.7	5.6	5.6	5.5	4.9	5.3	5.6	5.5	5.6	5.8	7.6	9.7	10.3	10.1	9.9	9.8	11.9	14.7	15.9	16.1	15.6	14.7	13.6	12.9	13.1	13.6	14.0	14.4	14.5
Madison	do	32	4.5	3.8	3.3	3.8	4.0	5.1	5.0	4.2	3.8	3.9	4.0	4.7	7.3	8.0	8.9	9.2	9.4	9.7	11.7	14.0	15.0	16.5	17.2	17.8	18.3	18.7	19.2	19.9	20.7	21.1	21.6
Helena	Mississippi	42	19.8	18.6	17.8	17.6	17.7	18.2	18.7	18.9	18.7	18.2	17.8	17.5	17.5	18.1	19.1	21.1	23.8	26.1	27.8	29.6	31.0	32.5	33.9	35.2	36.1	37.0	37.9	38.6	39.3	39.9	40.5
Arkansas City	do	42	18.2	17.1	15.8	14.8	14.5	14.7	14.8	15.0	15.3	15.3	15.1	14.8	14.9	15.3	15.8	16.5	18.2	20.1	21.9	23.3	24.7	25.8	27.0	28.0	28.8	29.6	30.3	31.0	31.5	32.1	32.8

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 0 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Pos office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ᵃ,ᵇ,ᶜ, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ¹Precipitation is for the 24-hour period, midnight to midnight. ²Precipitation measured in morning; amount recorded is for the preceding 24 hours. ³Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 4-22-43-1000

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVIII Little Rock, Ark., April, 1943 No. 4

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GENERAL SUMMARY

Temperatures averaged somewhat above normal during April, and precipitation was somewhat below, but there were no record breaking extremes. Of the stations for which normals have been computed, all except six showed positive temperature departures, and all except four showed negative precipitation departures.

The month opened with temperatures above normal and daily means continued near or above the seasonal average until around the 12th when a moderately cool wave overspread the State, the lowest for the month occurring in most sections about the 15th, with heavy to killing frosts and freezing temperatures at numerous stations. Moderately cool weather continued until about the 23d, when there was a return to seasonable temperatures and by the close of the month daily means were about 10° above normal.

Showers were rather frequent during the first 17 days of the month, but thereafter little or no rain occurred over much of the State and at the close of the month dry soil was interferring with germination and growth of crops. Strawberries were ripening at the close of the month, but the crop was damaged by the low temperatures around the middle of the month and by the dry weather of the last two weeks. Early planted cotton came up to poor stands and much will have to be replanted. Corn planting made fair progress and cultivation was under way at the close of the month. Oats, lespedeza, alfalfa and all hay crops made good growth. Potatoes and gardens made fair progress the last half of the month.

Following the heavy rains on the 16th and 17th the Ouachita and Little Missouri Rivers exceeded flood stages at Arkadelphia, Camden and Boughton, Arkadelphia being slightly above flood stage on the 19th, Camden from the 20th to 26th, and Boughton on the 19th and 20th. Prevailing wind was from the South. There were 15 clear days during the month, 8 partly cloudy, 7 cloudy and 7 with a measurable amount of precipitation. Sunshine was about 69% of the possible amount.

TEMPERATURE

The mean temperature for the State, as determined from the records of 81 stations, was 62.9°, which is 1.4° above the 53-year average. Bee Branch, Blytheville, Crossett, England, Marked Tree and Morrilton were the only stations reporting a monthly mean temperature below normal. The highest monthly mean was 67.1° at Texarkana, the lowest 59.7° at Gilbert. The highest temperature recorded was 95° at Benton on the 11th, the lowest 25° at Clover Bend, Gilbert, Lead Hill and Mount Ida on the 15th.

PRECIPITATION

The average precipitation for 111 stations was 3.20 inches which is 1.73 inches below normal. The greatest monthly total was 5.03 inches at Highland, the least, 1.06 inches at Crossett. Only four stations showed a positive precipitation departure, Fort Smith, Highland, Madison and Russellville. The greatest 24-hour amount was 4.00 in. at Highland on the 17th.

MISCELLANEOUS PHENOMENA
Dates of

High Winds:---4,7,9,11,12,13,14,15,16,19,23.
Sleet:---3,13.
Hail:---1,5,11,12.
Thunderstorms:---1,3,5,6,8,9,11,12,13,16,17,21,22,23,25,26,27.
Dense Fog:---9,10,11,16,17,22.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Bentonville	30.50	30	29.51	11	9.1	23	sw.	4	..	..	..	68	190
Fort Smith	30.33	3	29.57	11	8.9	37	sw.	8	69	42	44	76	101
Little Rock	30.44	3	29.59	11	9.7	28	se.	3	79	50	50	69	126
Memphis	30.47	3	29.52	11	8.7	24	sw.	17	75	53	53	67	161

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	62.8	93	22	2.75	....	8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61.4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	3.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.63	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5.54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64.0	92	29	5.69	T.	10	11	7	12
1930	64.9	96	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2.62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	93	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0.0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
1938	62.1	94	24	4.83	0.1	8	14	7	9
1939	59.3	91	19	7.13	T.	8	13	8	9
1940	59.9	95	18	6.93	T	10	11	7	12
1941	63.7	94	32	5.04	0.0	10	10	10	10
1942	62.8	88	20	8.42	0.0	10	11	9	10
1943	62.0	95	25	3.20	0.0	7	15	8	7
Period	61.5	99	17	4.93	T.	8	13	8	9

Natural History Library

Climatological Data for April, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......†	Saline	755	6	62.4	......	87	10	30	15	2.22	......	0.80	17–18	0.0	8	18	4	8	w.	L. R. Water Works
Arkadelphia	Clark	200	47	62.5	......	92	10§	30	15§	3.06	−1.81	1.55	16–17	0.0	5	18	7	5	sw.	Mrs. Ted R. Carpenter
Arkansas City	Desha	145	58	......	......	......	......	......	......	1.60	−3.60	0.64	18	0.0	5	23	5	2	......	John W. Trammell
Batesville Airway	Independence	363	6	61.8	+3.0	92	10	30	15	2.82	......	1.59	11	0.0	10	13	9	8	nw.	Airway Observer
Batesville Livestk.	Independence	....	2	59.7	......	89	10	28	15	3.30	......	1.87	11	0.0	5	16	10	4	s.	University of Arkansas
Batesville River	Independence	277	43	......	......	......	......	......	......	2.94	−1.81	1.40	11	0.0	8	15	7	8	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	60.2	−0.8	89	10	29	15	3.35	−1.50	2.00	11–12	0.0	6	19	5	6	e.	Miss Minnie Scanlan
Benton	Saline	285	7	60.7	......	95	12	28	15	3.86	......	1.76	17–18	0.0	6	22	4	4	sw.	S. A. Burks
Bentonville	Benton	1295	37	59.8	......	85	10	33	19	3.27	−1.08	1.82	11	0.0	11	17	7	6	sw.	U. S. Weather Bureau
Bethesda.......†	Independence	500	3	59.7	......	89	10	26	15	3.46	......	2.00	12	0.0	6	16	10	4	s.	Soil Conservation Ser.
Big Lake Outlet..†	Mississippi	239	12	......	......	......	......	......	......	2.43	−1.39	1.03	17–18	0.0	8	15	1	14	......	C. J. Brooks
Black Rock	Lawrence	259	41	......	......	......	......	......	......	3.07	−1.95	1.66	11	0.0	7	23	1	6	......	Vernon C. Howe
Bluff City	Nevada	....	2	66.3	......	94	28	33	15	4.87	......	3.50	17	0.0	5	20	5	5	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	61.0	−0.6	89	29	29	15	3.01	−1.55	0.89	17–18	0.0	8	19	5	6	s.	Maureen K. Norris
Booneville (near)	Logan	465	28	64.9	+2.7	91	10	31	15	3.92	−0.38	2.63	11	0.0	4	18	7	5	s.	F. H. Randolph
Boughton.......†	Clark	235	7	......	......	......	......	......	......	4.32	......	3.20	16–17	0.0	3	10	6	14	......	Mrs. Ruby Brown
Brinkley	Monroe	205	51	63.1	+1.1	92	10	28	15	2.30	−3.16	0.74	17	0.0	7	13	9	8	s.	U. S. Weather Bureau
Calico Rock	Izard	361	38	......	......	......	......	......	......	2.72	−1.64	0.98	11	0.0	7	10	6	14	......	William Jones
Camden	Ouachita	116	57	66.2	+2.8	94	30	32	15	2.81	−1.97	1.70	16–17	0.0	6	14	13	3	s.	J. M. Knight
Camp Robinson	Pulaski	463	2	62.4	......	89	10§	28	19	3.53	......	1.32	17	0.0	9	11	15	4	sw.	U. S. Army
Clarendon	Monroe	172	38	......	......	......	......	......	......	4.74	−0.57	1.87	17–18	0.0	7	8	13	9	......	R. M. Wheatley
Clover Bend	Lawrence	235	4	61.2	......	90	10	25	15	1.86	......	0.80	12	0.0	6	15	9	6	se.	Farm Security Adm.
Conway	Faulkner	309	59	64.6	+2.5	91	10	30	15	3.45	−1.60	1.64	11–12	0.0	8	19	9	2	s.	E. E. Cordrey
Corning	Clay	293	49	61.2	+1.2	88	26	29	15	4.21	−0.89	1.17	11	0.0	10	18	7	5	w.	Robert B. Polk
Cotter	Baxter	440	15	......	......	......	......	......	......	2.18	−1.63	1.09	11	0.0	5	16	9	5	......	O. B. McSpadden
Crossett (near)	Ashley	175	36	63.8	−1.0	92	30	27	15	1.06	−4.63	0.58	16–17	0.0	4	22	3	5	s.	U. S. Forest Service
Danville	Yell	327	26	......	......	......	......	......	......	2.82	−1.55	2.04	11	0.0	5	9	14	7	......	J. M. Patterson
Dardanelle	Yell	330	56	65.6	+3.3	91	10	32	15	4.12	−0.03	2.79	11	0.0	6	12	9	9	s.	Geo. N. Goodier
DeQueen	Sevier	426	7	64.8	......	90	30	32	15	4.41	......	3.53	16–17	0.0	5	18	7	5	......	L. D. McCown
Des Arc	Prairie	204	4	64.5	......	90	10	32	15	2.71	......	1.63	17–18	0.0	7	12	6	12	s.	Z. R. Glenn
Devils Knob.....†	Johnson	2350	6	58.9	......	85	10	29	14	3.20	......	1.69	11–12	0.0	10	19	3	8	sw.	U. S. Forest Service
Dumas	Desha	162	37	65.5	+1.9	92	29	33	15	1.58	−3.22	0.50	8–9	0.0	5	9	12	9	s.	Ben Johnson
El Dorado	Union	270	42	66.8	+2.0	93	30	35	15	2.32	−2.91	2.04	16–17	0.0	3	22	4	4	s	Mrs. E. W. Gaston
England	Lonoke	229	36	62.2	−0.6	88	29§	31	15	2.81	−2.76	1.44	17–18	0.0	5	13	14	3	sw.	O. V. Halbrook
Eureka Springs	Carroll	1465	42	61.9	+2.9	88	26	29	14	4.70	−0.22	2.10	11–12	0.0	12	18	9	3	sw.	Geo. W. Nicholds
Fayetteville	Washington	1334	5	62.3	......	88	10	32	14§	2.73	......	1.66	11	0.0	9	9	10	11	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	55	61.4	+3.0	86	10	31	20	2.92	−1.68	1.43	11	0.0	11	13	14	3	sw.	University of Arkansas
Fordyce	Dallas	280	2	65.2	......	99	29	33	20	2.40	......	1.36	17	0.0	6	17	7	6	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	65.0	+3.2	91	10	38	15	4.12	−0.18	2.57	11	0.0	5	12	9	9	sw.	U. S. Weather Bureau
Fort Smith Wtr.P.†	Crawford	793	5	......	......	......	......	......	......	2.55	......	1.38	11	0.0	3	20	6	4	......	Ft. Smith Water Plant
Fulton	Hempstead	260	57	......	......	......	......	......	......	3.13	−1.54	1.48	18	0.0	5	13	8	9	......	Ina J. Logan
Georgetown	White	200	30	......	......	......	......	......	......	3.40	−1.81	1.40	18	0.0	5	22	1	7	......	C. G. Long
Gilbert	Searcy	600	17	58.7	......	90	10§	25	15	3.10	−2.01	1.64	12	0.0	8	21	3	6	w.	F. E. King
Glenwood	Pike	547	7	......	......	......	......	......	......	4.53	......	2.25	16–17	0.0	4	11	4	15	......	Chas. A. Price
Grannis	Polk	950	23	63.2	+2.8	92	30	31	15	3.97	−2.33	2.03	16–17	0.0	4	16	9	5	s.	W. E. McVay
Gravette	Benton	1250	45	61.3	+4.1	87	10	30	15§	4.11	−0.45	2.00	11	0.0	9	17	11	2	sw.	Julius A. Schmidt
Green Mountain..†	Stone	1100	5	64.4	......	88	29§	32	14	2.60	......	1.00	9	0.0	6	14	12	4	s.	U. S. Forest Service
Harrison	Boone	1052	42	60.8	+3.3	89	26	29	15	1.93	−3.01	0.97	11	0.0	8	18	6	6	sw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	13	......	......	......	......	......	......	3.23	−1.08	1.05	8§	0.0	6	20	6	4	......	Lester B. Logan
Helena	Phillips	300	70	63.0	+0.3	87	10	32	15	2.75	−2.35	1.30	17	0.0	7	16	6	8	nw.	James A. Burnett
Highland	Pike	491	23	62.7	+0.2	88	30	34	15	5.03	+0.89	4.00	16–17	0.0	4	19	7	4	s.	Clyde Cooley
Hope (near).....‡‡	Hempstead	375	72	64.6	+0.6	93	30	30	15	4.57	−0.42	2.66	16–17	0.0	4	14	7	9	sw.	University of Arkansas
Hot Springs	Garland	600	51	66.4	+3.6	92	10§	34	15	4.68	−1.31	1.78	16–17	0.0	8	20	6	4	s.	National Park Service
Index.......†	Little River	275	25	......	......	......	......	......	......	2.10	−2.08	1.75	16–17	0.0	3	22	0	8	......	W. F. McDowell
Irons Fork.....†‡‡	Polk	1385	4	61.0	......	91	10	26	15	2.75	......	1.01	11	0.0	4	14	9	6	s.	U. S. Forest Service
Jessieville	Garland	750	16	......	......	......	......	......	......	3.64	−2.02	1.30	17–18	0.0	6	10	14	6	......	U. S. Forest Service
Jonesboro	Craighead	345	47	62.6	+1.2	89	10	32	15	2.33	−2.46	0.77	11	0.0	9	6	16	8	sw.	Benedictine Sisters
Lead Hill	Boone	650	36	60.5	+1.1	91	26	25	15	2.09	−1.85	1.10	11	0.0	10	15	8	7	se.	J. H. Crosswhite
Little Rock	Pulaski	257	63	63.2	+1.1	88	30	34	15	4.57	−0.62	2.60	17–18	0.0	10	14	6	10	sw.	U. S. Weather Bureau
Lutherville.......†	Johnson	775	44	62.6	+2.3	87	10	30	15	2.84	−2.60	1.80	12	0.0	9	19	4	7	w.	Clarence Louhardt
Madison	St. Francis	209	12	......	......	......	......	......	......	3.81	+0.13	2.10	17–18	0.0	7	6	5	19	......	J. W. Eppes
Magnolia	Columbia	315	26	66.6	+2.0	91	30	34	15	3.27	−1.57	2.40	16–17	0.0	5	13	12	5	s.	State Agri. School
Mammoth Spring	Fulton	600	38	61.8	+2.6	89	10§	26	15	2.97	−1.89	1.12	11	0.0	8	11	16	3	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	61.4	−0.9	90	10	30	15	3.29	−1.26	1.60	18	0.0	7	12	11	7	s.	University of Arkansas
Marked Tree	Poinsett	229	38	60.8	−0.4	91	10	30	15	3.67	−1.31	1.29	17–18	0.0	10	13	12	5	s.	Charles Walton
Mena	Polk	1207	54	65.0	+3.5	89	30	33	15§	3.66	−2.05	1.16	8	0.0	4	16	8	6	sw.	E. W. St. John
Monticello	Drew	273	2	65.1	......	93	30	33	15	1.85	......	0.74	16	0.0	6	10	10	10	s.	Airway Observer
Morrilton.....†	Conway	315	26	61.7	−0.5	89	10	32	15	3.22	−1.00	1.30	11	0.0	6	10	12	8	s.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	......	......	......	......	......	......	2.92	......	1.45	11	0.0	6	23	2	5	s.	C. A. Lovell
Mountain Home .†	Baxter	800	30	60.8	+1.9	89	10§	27	15	2.89	−1.80	1.10	9	0.0	9	17	1	12	sw.	H. N. Haibert
Mountain Valley	Garland	788	5	......	......	......	......	......	......	1.97	......	0.82	18	0.0	3	13	9	8	s.	C. A. Cockman
Mount Ida	Montgomery	702	43	62.6	+1.4	93	30	25	15	3.18	−2.71	1.69	17	0.0	7	17	6	7	sw.	J. S. Whittington
Mulberry (near)..†	Franklin	433	4	......	......	......	......	......	......	3.54	......	1.20	8	0.0	9	16	4	10	......	Clifton H. Ward
Nashville	Howard	350	4	65.4	......	91	30	33	15	4.32	......	......	......	0.0	6	20	8	2	sw.	Brice Carruth
Newport	Jackson	231	59	63.4	+1.4	90	10	32	15	3.83	−1.15	1.65	11	0.0	6	14	9	7	n.	W. T. Moyer
Nimrod Dam	Perry	....	1	64.1	......	92	10	29	15	3.63	......	2.12	11	0.0	6	14	10	6	e.	U. S. Engineers
Oden	Montgomery	800	15	63.6	......	91	10	29	15	2.96	−2.52	1.46	16–17	0.0	6	17	6	7	sw.	U. S. Forest Service
Okay	Howard	288	14	66.4	+2.3	94	30	31	15	3.27	−0.49	2.62	16–17	0.0	5	18	9	3	s.	Charles R. Jackson
Osceola	Mississippi	250	42	......	......	......	......	......	......	3.88	−0.58	2.04	11–12	0.0	7	19	7	4	......	G. H. Banks
Ozark	Franklin	396	47	65.1	+3.1	90	10§	31	15	3.60	−1.02	1.66	12	0.0	8	8	9	13	e.	Orkney O. Milton
Paragould	Greene	275	19	61.0	......	85	10	28	15	2.68	−2.04	0.63	21–22	0.0	10	20	5	5	sw.	J. E. Garrett
Parkin	Cross	222	12	......	......	......	......	......	......	3.31	−0.71	1.55	11	0.0	5	13	6	11	......	Carroll King
Perryville	Perry	325	3	62.9	+2.7	90	10§	28	15	4.46	−0.80	......	......	0.0	6	15	11	4	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	55	66.4	+2.8	94	30	35	15	2.81	−2.70	1.21	11	0.0	6	14	12	4	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	......	......	......	......	......	......	2.75	−2.71	1.37	16–17	0.0	5	11	12	7	sw.	J. R. Huddleston
Pocahontas	Randolph	300	49	61.6	+1.4	90	10	27	14	3.42	−1.43	1.34	11	0.0	9	15	10	5	uw.	Benedictine Sisters
Portland	Ashley	122	36	66.0	+1.4	94	30	34	15	1.63	−3.10	0.60	17–18	0.0	4	22	3	5	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	67.0	+3.5	93	30	34	15	4.50	−0.42	3.10	16–17	0.0	5	20	5	5	s.	W. R. Hambright
Rogers	Benton	1300	52	60.8	+2.3	85	10§	31	15	3.56	−0.88	1.51	11	0.0	11	14	8	8	s.	Howard Fowler
Rosebud	Faulkner	680	8	......	......	......	......	......	......	2.24	......	1.05	17–18	0.0	6	19	8	3	s.	G. A. Maddox
Russellville ....‡‡	Pope	526	30	63.8	+2.8	89	10	30	15	4.44	+0.44	2.65	11–12	0.0	9	16	9	5	s.	Ark. Tech. College
St. Charles	Arkansas	175	9	63.2	......	91	10	31	15	2.60	......	1.19	11	0.0	6	12	12	6	w.	U. S. Biological Survey
St. Francis	Clay	290	15	......	......	......	......	......	......	4.05	−0.01	0.97	21	0.0	9	23	0	7	......	W. S. Buckley
Searcy	White	245	32	63.2	+1.5	91	10	30	15	3.13	−1.20	1.30	17–18	0.0	6	18	4	8	se.	Walter A. Smith
Sheridan (near)..†	Grant	....	2	63.8	......	91	10	31	15	2.96	......	1.40	17–18	0.0	6	10	15	5	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	59.4	......	84	10	30	20	2.63	......	1.47	11	0.0	4	20	7	3	s	John Brown University
Springbank......†	Miller	240	33	......	......	......	......	......	......	4.25	−1.00	2.54	17	0.0	4	15	2	13	......	Henry Field
Story	Montgomery	650	18	......	......	......	......	......	......	2.14	−4.02	1.63	16–17	0.0	3	20	3	7	s.	S. C. Story
Stuttgart	Arkansas	214	55	62.6	+0.2	89	29§	30	15	3.62	−1.45	1.45	17–18	0.0	6	22	4	4	nw.	Mrs. B. E. Swim
Stuttgart (near).‡‡	Arkansas	198	7	62.2	......	89	30	31	15	3.46	......	1.29	17–18	0.0	7	......	......	......	....	University of Arkansas

Climatological Data for April, 1943 Continued

Stations	Counties	Elevation, feet	Length of record, years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	44	65.7[a]	+3.9	91	10	33[b]	15	3.54	−1.04	2.23	11	0.0	8	11	12	7	s.	New Subiaco Abbey
Texarkana	Miller	332	58	67.1	+2.9	91	30	38	15	3.11	−1.85	2.52	16−17	0.0	5	12	14	4	sw.	U. S. Weather Bureau
Turnpike†	Pope	2240	18	59.7		88	10	29	14	3.34	−1.92	1.77	11	0.0	7	17	5	8	sw.	U. S. Forest Service
Wabash	Phillips	179	3							2.92		1.40	11−12	0.0	6	7	19	4		Farm Security Adm.
Waldron	Scott	675	23	65.0		93	10	31	15	2.76	−3.05	1.14	17	0.0	8	5	23	2	se.	Lavon Shoptaw
Warren	Bradley	206	48	65.9	+2.3	93	30	33	15	2.08	−3.09	0.52	16	0.0	7	9	7	14	sw.	C. N. Turner
Whitecliffs	Little River	290	36							3.25	−1.79	2.00	17	0.0	4	22	3	5		L. M. Snead
White Rock†	Franklin	2285	6	59.0		85	10	28	14	3.36		1.19	11	0.0	9	22	3	5	se.	U. S. Forest Service
Wilson	Mississippi	237	17	61.6	+0.6	89	10§	30	15	3.36	−1.93	1.38	11	0.0	3	16	1	13	sw.	D. O. Anderson
Wright	Jefferson	234	3	62.1		86	30	29	15	2.36		0.99	17−18	0.0	9	23	4	3	se.	Farm Security Adm.
Wynne	Cross	167	34	62.0	+0.6	90	10	28	15	3.71	−1.51	1.57	11−12	0.0	8	16	5	9	s.	B. M. Eddins
State Means				62.9	+1.4	95	11	25	15	3.20	−1.73	4.00	17	0.0	7	15	8	7	s.	

Daily Precipitation for April 1943

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Abbott[2]	Arkansas	.11								.81		.88	.72						.53														3.05
Alum Fork Reser.	Ouachita			.02	.14					.16		.37	.22				.09	.42	.80				T					T					2.22
Arkadelphia[2]	Ouachita	.14								.37			.21					1.55	.79														3.06
Arkansas City[2]	Mississippi		.01							.63			T					.30	.64	.02													1.60
Batesville Air'y.[1]†	White	.06							.15	.10		1.59					.15	.40	.17			.02	.17	.01				T			T		2.82
Batesville Livestk[1]	White	.19								.52			1.87						.58				T	.14									3.30
Batesville River[2]	White	.07					.02			.23			1.40					.28	.75				.03	.16									2.94
Beaty Lake (near)	St. Francis	.04					.06			.08			.07	.46	T.		T	.76	1.56			T.	T	.06									3.09
Bee Branch	Arkansas									.55		*	2.00					.65				.10	.05										3.35
Beech Grove (near)	White									.60	.03	.03					.40	T	.70			.30											2.06
Beedeville[2]	White	.02					.03			.26			1.23					.41	1.01	.08			.02	.19					T				3.25
Benton[2]	Saline				.05					.40			.98					.58	1.76	.09									T				3.86
Bentonville[1]‡	Arkansas			.17					.80			1.82		.01			.07	.01				.07	.18			.02	.04				.08		3.27
Bethesda[2]	White	.19								.51			2.00					.14	.50					.12									3.46
Big Lake Outlet[2]	St. Francis	.03					.02			T.			.57		T.			.46	1.03	.06			.16	.10				T.					2.43
Black Rock[2]	White	.28					T.			.17			1.66					.24	.32				.18	.22									3.07
Bluff City (near)	Ouachita									.12		.15					.80	3.50	.30														4.87
Blytheville[2]	St. Francis	T.				.10		.02			T.		.88	T.				.47	.89	.04			.51	.10				T.					3.01
Booneville (near)	Arkansas	T							55	T.		2.63						*	.74				T.										3.92
Booneville[2]	Arkansas									.40		.07	2 30						.59					.68									4.04
Boughton[2]	Ouachita	T.								.21								3.20	.91														4.32
Brinkley[1]	White	T.				T.	.14		.53	.02		.25					.04	.74	.58				T.										2.30
Burdette	Mississippi											.22	1.05	10			.16	.40	1.30				.36										3.59
Calico Rock[2]	White	.05				T.				.79			.98					.11	.30				.17	.32									2.72
Camden	Ouachita								.02	.16			.12					1.70	.76	.05													2.81
Camp Robinson[1]	Arkansas	.08		.06		.20			.31	.05		.47					.19	1.32	.85														3.53
Carlisle[2]	Arkansas									.34			.31					.42	.02	T													1.09
Clarendon[2]	White	T.	.05				.77			.41			1.40					.06	1.87	.18													4.74
Clover Bend	White											.30	*	.80			.41	T.	.29			.06	T.										1.86
Cold Springs	Ouachita	.10								.41		*	1.78					.12	.80														3.21
Conway	Arkansas			.04			.03			.16		1.53	.11				.20	.91	.47														3.45
Corning[2]	White	.04				.58		.08		.32			1.17					.30	.41				.78	.28				.25					4.21
Cotter[2]	White	T.								.52			1.09	.05				.14					T.	.38									2.18
Crossett (near)	Ouachita									.32							.09	.58	.07														1.06
Danville[2]	Arkansas				T					.18			2.04					.02	.56					.02									2.82
Dardanelle[2]	Arkansas				.06					.69			2.79					.06	.43				T.	.09									4.12
Denmark[2]	White					T.	.03			15			2.25					.46	.71				.03										3.63
De Queen	Red								.51			.24					.04	3.53	.09														4.41
Dermott[2]	Mississippi				T.					.54								.64	.22	T													1.40
Des Arc[2]	White		.12	T.			.12			.17			.46					.05	1.63	.16			T.										2.71
Devils Knob	Arkansas			.12					.33	.09		1.65	.04				.04	.43	.32			.12	.06										3.20
Dumas	Mississippi	T.					T.		T.	.50			.02				.35	.26	.45														1.58
Eagle Gap[2]	Arkansas	.02								.77			1.96					52	.60														3.87
El Dorado[2]	Ouachita									.28			T.					1.19	.85														2.32
Eleven Point[2]	White	.10				T.				.10		.83	.21					.38	.10	.14			.04	.67			T.	.13					2.70
England	Arkansas			T.			.62			.22		T.	.53					.50	.94														2.81
Eureka Springs	White	1.46		.03					.35	.20		1.57	.53	.02			.21					.10	.15			.05					.03		4.70
Evening Shade[2]	White	.09								.53			1.30					.19	.21				.12	.46									2.90
Fayetteville	White	.08		.10					45	.10		1.34	.32				T.	.03				.13	.18										2.73
Fayetteville Exp. S	White	.08		.06					.45	.20		1.43	.20	.01			.02	T.				.17	.18			.12		T.					2.92
Fordyce	Arkansas			.05						.21		.24					.40	1.36	.14														2.40
Forester[2]	Arkansas									.37			2.40					.42	.75														3.94
Fort Smith[1]‡	Arkansas								.86			2.57					T.	.57				.03	.09			T	T.						4.12
Fort Smith W.[2]	Arkansas			T						71			1.38				T.	.46					T.										2.55
Fulton[2]	Red		.03							.45			.05					1.12	1.48	T.													3.13
Georgetown[2]	White									.60			.95					.30	1.40	.15													3.40
Gilbert[2]	White	.21			.08					.68			1.64					.05	.30				.06	.08									3.10
Glenwood[2]	Ouachita									.63			.37					2.25	1.28														4.53
Grannis	Red								.48			1.29					.17	2.03										T					3.97
Gravelly[2]	Arkansas								T.				1.80				T		.57				T										2.37
Gravette	Arkansas	.41		.14					.05	.72		2.00	.16				.11						.45								.07		4.11
Green Forest[2]	White	.56		T.					.01	.41		91	16	.02			.06	T.				.08	.15			T.					.02		2.38
Green Mountain	White	.10			T.					1.00		.90	T.					.10	.30			T.	.20										2.60
Greenwood[2]	Arkansas	T.								1.00		.20	3.00					T	.40			T.	T.										4.60
Harrisburg[2]	St. Francis		.23					.25		.20			.75						1.80				T.										3.23
Harrison	White	.40		T.						.26		.97					.06	.05				.11	.06								.02		1.93
Heber Springs[2]	White	.02								1.05			1.05					.24	.81					.06									3.23
Helena[2]	Mississippi		.02				.34			.14			.72					.05	1.30	.18													2.75
Henderson[2]	White	.07								.85			1.00					.15					.30	.60									2.97
Highland	Ouachita									.33			.20				.50	4.00															5.03
Hope[2]	Red				T.					.22			.10					2.66	1.59														4.57
Hot Springs	Ouachita	.04		.21						.10		.23	.85				.59	1.78	.88														4.68
Huttig[2] (near)	Ouachita									.41								.48	.46	T.													1.35
Index[2]	Red									.25			.10					1.75															2.10
Irons Fork[2]	Ouachita									.35			1.01					.58	.81														2.75
Jessieville	Ouachita									.68			*	.52			.37	.77	1.30														3.64
Jonesboro[2]	White	.01					.05			.13			.77		T.			.67	.52	.06			.06	.06									2.33
LaCrosse[2]	White									.34			1.52					.22					.16	.27									2.51
Lake City[2]	St. Francis												.72				T.	.75	.50														1.97

Daily Precipitation for April, 1943 Continued

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Lead Hill	White	.21		.01						.26		1.02	.08	.03			.15	.11				.04	.18								T.		2.09
Little Rock[1]‡	Arkansas	.02		.14		.44			.34	.01	T.	.65					.24	1.77	.95				T.					.01					4.57
Lutherville	Arkansas			.10					.10	.12		.80	1.00				.05	.53				.08	.06										2.84
Madison[2]	St. Francis		.35				.15			.03			.80					.28	2.10	.10													3.81
Magnolia	Red											.37	.03				.45	2.40	.02														3.27
Mammoth Spg [2]	White					.03				.60			1.12	.04	T.			.21					.69	.23				.05					2.97
Marianna [2]	St. Francis						.22						1.20				*	.12	*	1.60				.15									3.29
Marked Tree[2]	St. Francis	.09					.19	.03		.25			1.16					.41	1.29	.20			.02	.03									3.67
Marshall [2]	White	.10		.04						1.25		*	.79				*	.11					.07	.10									2.46
Marvell[2]	White							.24		.60		.75	1.02					.05	1.40	.20													4.26
Mena[2]	Ouachita	T								1.16			.58					1.11	.81										T.				3.66
Monticello [1]‡	Ouachita	T.		.21					.40	.07							.74	.38	.05														1.85
Morobay [2] (near)	Ouachita									.37								.67	.78														1.82
Morrilton[2]	Arkansas				T.		T.			.67			1.30					.20	1.00				.02	.03									3.22
Mountainburg	Arkansas								.64	.15		1.45					T.	.51	.02				.15										2.92
Mountain Home	White	.10								1.10		1.00	.10				.04	.10				.05	.25	.15									2.89
Mountain Valley	Ouachita											.71					.44		.82														1.97
Mtn. View [2](near)	White	.15								.55			3.20					T.	.51				T.	.08									4.49
Mount Ida	Ouachita	.20							.04	.23		.40					.28	1.69	.34														3.18
Mulberry[2]	Arkansas	.20			.15					1.20		.10	1.10					.02	.57				.17	.03									3.54
Nashville	Red								.23			.18	.06				.65	*	3.20														4.32
Newhope(near) [2]	Ouachita	.04							.29			.08					*	2.60	.56														3.57
Newport[2]	White						.03			.34			1.65					.55	.92					.34									3.83
Nimrod Dam	Arkansas			.07						36		2.12					.06	.55	.47														3.63
Odell (near)[2]	Arkansas	.10								.51		1.46	1.04						.03				.13	05									3 32
Oden	Ouachita	.17							.25			.52					.03	1.46	.53														2.96
Okay	Red									.34		.06					.17	2.62	.08														3.27
Osceola[2]	Mississippi	.04				.02							2.04	T	T.			.62	1.01	.13			T.	.02									3.88
Ozark[1]	Arkansas	.11			.29					.86		.03	1.66					T	.38				.23	.04									3.60
Paragould	St. Francis	.14				.02				.24		.07	.54	.01			.40	.20	.43				.63										2.68
Parkin[2]	St. Francis						.16						1.55					.35	1.04	.21													3.31
Perryville	Arkansas			.18						.68		.85	.67					*	2 08														4.46
Pine Bluff [2]	Arkansas				.01		T.			.11	T.		1.21					.61	.77	.10													2.81
Pine Ridge[2]	Ouachita	.09								.22			.29					1.37	.78														2.75
Pocahontas	White	.19				.02				.23		1.34		.02	.19		.19	.35					.89										3.42
Portland [2]	Ouachita				.10						.38							T	.60	.55													1.63
Prescott[2]	Ouachita		.02							.26			.05					3.10	1.07														4.50
Rogers	White			.06				T.	.51	.51		1.51	.11				.03	T				.12	.51			.10	.05				.05		3.56
Rosebud	Arkansas								.10	.17		.22					*	.70	1.05														2.24
Russellville	Arkansas			.08						.70		2.00	.65				.03	.48	.15			.13	.22										4.44
St. Charles[2]	White						.23			.27			1.19					.09	.77	.05													2 60
St. Francis[2]	St. Francis	.48				.36				.22			.70					.36	.35				.97	.42				.19					4.05
St. Paul[2](near)	White				.40					.88			1.42						.40														3.10
Searcy[2]	White									.23			.91					.60	1.30	.02			.07										3 13
Sheridan (near)	Ouachita	T.		.11						.25		.23					.33	64	1.40														2.96
Shirley [2](near)	White									.44			1.57					.13	.64				.19					T.					2.97
Siloam Springs	White	.31							T	.81		1.47					T.					T.	.04										2.63
Sparkman[2] (near)	Ouachita	.39								.32		.65					.60	1.35	.03												.06		3.40
Springbank[2]	Red									.22			.09				T.	1.40	2.54														4.25
Stamps[2](near)	Red	.20								.17			.21				1.37	*	4.03														5.98
Stephens [2] (near)	Ouachita	.20								.20		.10						1.10	3.30														4.90
Story[2]	Ouachita								.28				.23					1.63															2.14
Stuttgart[2]	Arkansas						.63			.52			.70					.12	1.45	.20													3.62
Stuttgart Evap.[2]	Arkansas		.02				.69			.47			.90					.09	*	1.29													3.46
Subiaco	Arkansas			.36					.15	.07		2.23					T.	.52	.12			.04	.05										3.54
Sugar Grove [2]	Arkansas	.03			T.					.32		.10	1.51					*	.66				T.	.05									2.67
Texarkana [1]	Red								.28	.02		.07					.22	2.52	T														3.11
Tichnor [2]	White						.51			.32			.69					.20	.27	.08													2.07
Turnpike	Arkansas	T.		.09					T.	.61		1.77	T.				.14	.53				.16	.04										3.34
Viola	White	.15								.71			.75	.08				.02					.69	.23									2.63
Wabash	Mississippi						.42			.26			1.40				.07	.75	.02														2.92
Waldron	Arkansas	.08							.40	.10		.66	.34					.79	.35				.04										2.76
Walnut Grove(nr)	White						T.					.60	.14				.42	.19	.33				T	.55									2.23
Warren	Ouachita		T	.01	.10					.50		.10					.52	.47	.38														2.08
Whitecliffs [2]	Red									.50		.15					T.	2.00	.60														3.25
White Rock	Arkansas	.09		.17					.71	.34		1.19	.10				T.	.54	T.			.12	.10										3.36
Wilson [2]	Mississippi												1.38					.60	1.38														3.36
Wright	Arkansas			.02	.02		.03			.19		.02	.45				.12	52	.99														2.36
Wynne[2]	St. Francis	.06					.05			.15		*	1.57					.50	1.15					.23									3.71

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for April, 1943

(See precipitation data in table on preeeding page)

Station	Data	Day of month																														Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Bethesda §§	Evap.	.216	.224	.278	.212	.298	.192	.189	.315	.222	.223	.282	.306	.257	.340	.273	.272	.027	.035	.280	.268	.220	.095	.045	.414	.166	.332	.394	.274	.242	.310		7.201
	Mean tem.	66	58	50	63	60	60	64	64	70	72	59	60	59	46	46	58	53	59	49	48	50	58	64	55	62	66	72	70	67	68		59.7
	Wind move	65	6	33	65	71	33	51	72	75	59	59	62	115	145	99	141	53	48	113	114	72	66	73	105	50	46	114	82	34	80		2201
Hope, §§ Exp. Farm	Evap.	.124	.169	.207	.180	.210	.086	.191	.162	.144	.201	.188	.095	.240	.290	.210	.199	....	.126	.126	.215	.164	.152	.101	.228	.198	.222	....	....	.140	.238		4.805
	Mean tem.	70	66	66	66	66	66	66	68	72	72	70	64	60	52	50	50	56	65	55	54	58	61	69	65	68	72	72	72	72	76		64.6
	Wind move	51	38	48	39	79	48	29	47	50	39	28	73	76	85	48	60	27	77	72	71	18	32	48	30	13	35	47	29	15	32		1384
Irons Fork, §§ Exp. Forest	Evap.	.013	.120	.198	.205	.197	.156	.119	264	.031	.295	.157	.050	.157	199	.064	.195	.169	.022	.078	.184	.153	.145	.110	.245	.224	.201	.240	.041	.206	.225		4.663
	Mean tem.	66	59	67	66	60	66	66	66	72	72	64	58	50	43	48	49	56	60	49	46	52	62	64	62	66	70	68	68	72	70		61.0
	Wind move	11	10	*	23	18	12	16	18	7	7	5	5	9	25	9	32	14	7	13	10	3	11	5	9	2	10	15	1	1	2		410
Russellville	Evap.	.140	.228	.140	.218	.266	....	.142	.158	.222	.246	....	....	.270	.232	.154	.104	.066	.202	.222	.166	.174	.164	.262	.256	.178	.224	.204	.208	.078	....		4.924
	Mean tem.	68	64	62	64	71	63	64	65	74	72	74	62	57	48	50	60	56	62	67	52	52	64	68	61	66	72	76	70	71	71		63 8
	Wind move	26	126	70	40	67	45	41	42	40	24	45	50	68	72	30	29	27	19	110	31	21	33	60	24	19	22	33	26	31	41		1222
Stuttgart, §§ Rice Exp. Farm	Evap.	.181	.113	.230	.131	.273	.156	.183	.197	.161	.176	.189	.133	.187	.115	.168	.301	.025	*	.003	.162	.145	.166	.120	.241	.183	.127	.175	.166	.213	.232		4.852
	Mean Tem.	68	65	54	64	69	60	66	67	69	73	72	60	57	48	48	50	56	58	52	55	55	60	66	61	67	72	72	69	72	74		73.6
	Wind move	104	20	75	63	143	77	92	83	97	70	35	118	107	109	70	134	92	93	52	69	58	63	85	59	42	65	133	84	34	71		2386

Daily Temperatures for April, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	81	81	78	84	82	78	78	78	85	87	85	68	68	59	68	65	58	70	70	64	68	70	76	82	85	85	84	82	86	86	76.4
	Minimum	55	47	45	42	57	49	51	52	61	57	63	56	49	40	30	51	50	48	45	33	36	51	57	46	53	58	63	58	53	55	50.4
Arkadelphia §§	Maximum	83	78	64	85	70	83	81	81	86	92	75	75	71	62	71	63	62	73	64	70	75	74	80	87	87	88	85	75	87	92	77.3
	Minimum	53	49	49	45	55	49	50	52	55	58	58	57	47	40	30	30	31	36	47	34	35	41	55	50	45	54	57	57	56	56	47.7
Batesville ***	Maximum	80	79	60	84	68	69	80	82	82	92	66	72	60	64	68	67	58	73	60	66	69	72	77	78	83	86	80	80	82	82	74.0
	Minimum	54	49	44	47	56	53	51	55	62	57	56	52	41	35	30	53	50	49	39	38	35	49	51	44	51	58	68	58	52	53	49.7
Bee Branch	Maximum	79	78	71	83	80	69	80	78	83	89	85	67	64	54	65	62	53	70	67	63	60	69	75	78	82	84	80	80	84	81	73.8
	Minimum	53	52	41	39	54	50	45	47	58	51	50	46	47	34	29	46	46	46	38	33	31	49	56	41	44	51	62	58	49	55	46.7
Benton §§	Maximum	84	80	80	85	69	78	80	87	91	94	95	73	68	57	68	61	60	70	60	66	71	73	77	79	85	85	79	80	85	88	76.9
	Minimum	46	48	45	40	51	50	40	46	50	53	51	51	42	37	28	29	47	48	41	32	32	34	52	41	42	45	54	55	52	52	44.5
Bentonville ***	Maximum	75	70	61	83	61	77	72	76	82	86	68	65	57	49	69	67	63	66	53	61	65	70	70	82	85	85	74	78	85	67	70.7
	Minimum	43	47	47	52	52	52	56	54	51	58	59	45	39	34	35	56	44	42	33	37	40	56	51	45	59	58	62	52	58	49	48.9
Bluff City	Maximum	82	80	78	84	80	84	81	80	85	87	85	80	73	62	70	70	61	71	64	66	75	76	81	81	86	85	84	94	88	90	78.8
	Minimum	60	55	49	45	60	55	59	57	64	61	55	55	50	44	33	51	57	52	50	36	43	53	61	50	55	60	61	60	60	62	53.8
Blytheville	Maximum	77	66	56	80	68	57	84	88	85	88	79	70	59	53	67	66	62	61	60	58	69	67	73	74	80	87	83	75	89	79	72.0
	Minimum	55	48	39	46	50	51	48	53	62	58	55	53	48	34	29	49	54	49	41	39	37	49	56	48	50	56	65	59	51	66	49.9
Booneville (near)	Maximum	83	80	74	86	83	84	80	79	85	91	88	71	68	58	72	69	62	75	71	68	74	76	79	83	86	88	83	84	88	87	78.3
	Minimum	54	44	50	49	60	52	55	55	56	56	57	52	47	39	31	56	52	52	40	34	37	56	58	46	54	63	67	60	58	56	51.5
Brinkley	Maximum	80	78	61	84	70	69	81	80	83	92	71	71	66	68	66	65	59	64	60	66	69	75	78	78	82	88	89	80	88	88	74.6
	Minimum	55	52	44	45	57	51	53	54	59	56	63	58	51	39	28	52	55	51	45	40	38	53	63	44	49	60	66	57	51	58	51.6
Camden	Maximum	84	85	80	84	84	85	83	81	86	88	82	76	73	68	71	70	62	65	70	67	76	74	81	83	86	85	83	86	88	94	79.3
	Minimum	60	56	51	46	60	49	58	57	65	58	64	52	50	45	32	50	58	53	44	37	43	52	58	49	51	57	60	57	57	63	53.1
Camp Robinson ***	Maximum	80	73	59	86	70	71	84	80	86	89	73	69	63	57	70	60	60	70	60	65	69	75	77	80	87	88	80	80	89	87	74.6
	Minimum	52	53	46	41	52	51	52	51	60	57	63	55	44	38	30	30	48	45	28	43	47	50	58	58	51	61	65	60	56	61	50.2
Clover Bend	Maximum	79	79	70	83	81	65	86	85	85	90	77	69	62	65	67	62	65	69	70	64	69	68	73	84	84	88	78	76	85	78	75.2
	Minimum	52	52	38	39	52	40	44	52	56	58	54	50	47	34	25	46	48	45	40	29	32	40	47	58	51	61	64	58	54	49	47.2
Conway	Maximum	83	76	71	87	79	74	85	82	89	91	80	73	69	60	73	68	59	74	69	70	70	75	80	81	88	88	83	80	89	89	77.8
	Minimum	57	51	47	44	59	51	50	53	60	57	62	51	52	37	30	50	52	50	46	35	38	60	58	46	51	58	66	61	54	69	51.5
Corning	Maximum	77	70	67	81	80	69	82	83	83	86	76	69	65	53	68	65	64	69	66	62	70	63	75	77	83	88	82	75	86	80	73.8
	Minimum	52	48	39	46	51	50	43	52	61	62	52	52	47	34	29	46	48	41	42	37	35	50	55	44	50	56	65	58	49	63	48.6
Crossett	Maximum	82	81	66	85	82	85	83	80	87	85	83	79	77	67	69	66	68	63	69	66	75	81	81	81	84	85	85	86	90	92	78.8
	Minimum	52	52	48	42	60	50	49	50	65	55	60	57	43	36	27	41	56	55	42	31	33	46	58	40	45	51	59	55	54	55	48.9
Dardanelle	Maximum	80	81	76	88	85	76	84	81	87	91	88	72	71	60	72	72	60	76	75	69	70	75	82	82	88	89	87	82	90	89	79.3
	Minimum	59	49	48	44	60	52	51	53	61	58	59	52	50	40	32	51	52	50	44	36	37	54	61	45	54	61	67	62	57	61	52.0
De Queen	Maximum	83	81	79	84	83	82	79	85	84	84	81	79	72	61	70	68	62	74	73	70	74	75	81	80	84	85	83	82	85	90	78.4
	Minimum	56	47	54	48	45	51	55	59	59	59	58	49	44	43	32	55	55	53	43	33	41	42	57	47	54	58	59	58	59	59	51.1
Des Arc	Maximum	80	77	71	84	80	70	81	80	83	90	84	70	71	61	66	66	62	65	67	63	71	73	79	76	88	87	79	81	88	88	76.0
	Minimum	59	53	48	50	51	51	55	57	61	60	64	58	52	39	32	51	54	49	45	39	42	55	63	46	53	60	67	60	55	61	53.0
Devils Knob	Maximum	77	71	61	79	74	68	72	71	78	85	74	63	57	49	63	61	54	66	54	59	60	63	70	75	79	83	78	78	81	76	69.3
	Minimum	47	49	42	42	50	47	55	56	56	61	57	44	41	29	35	50	43	44	30	33	46	50	52	54	55	62	61	55	53	56	48.5
Dumas	Maximum	82	83	76	85	75	80	85	83	86	89	87	78	72	62	72	63	65	63	62	62	75	80	78	79	86	88	87	85	92	84	78.1
	Minimum	59	60	49	45	60	51	54	55	62	62	62	60	50	40	33	49	55	55	45	39	39	51	60	46	49	59	61	57	55	64	52.9
El Dorado	Maximum	83	83	81	84	81	85	82	80	86	85	82	78	77	66	70	72	68	68	65	68	76	78	80	82	86	85	85	86	89	93	79.5
	Minimum	60	58	52	50	62	54	57	60	62	61	67	57	49	44	35	51	55	54	45	36	43	53	54	49	54	58	61	62	59	63	54.2
England	Maximum	79	75	64	83	67	72	79	77	86	87	80	69	64	61	67	63	60	67	58	65	68	74	78	75	80	80	80	80	88	88	73.8
	Minimum	58	52	46	43	56	46	59	51	57	55	61	55	48	37	31	48	52	48	44	35	38	47	58	44	49	60	64	61	51	61	50.5
Eureka Springs	Maximum	77	75	64	82	81	79	78	79	81	87	82	82	63	50	67	66	63	68	68	68	64	70	74	84	83	88	80	79	83	82	74.9
	Minimum	45	49	45	47	52	53	52	57	55	60	56	46	44	29	35	57	43	43	31	33	41	52	50	48	58	56	68	52	56	53	48.9
Fayetteville	Maximum	76	74	66	83	79	78	74	78	82	88	82	67	63	51	70	67	64	69	65	63	65	72	74	83	85	86	80	82	84	80	74.3
	Minimum	47	46	49	51	54	53	59	58	54	60	59	47	45	32	34	56	47	44	32	34	34	55	50	44	62	64	67	55	59	58	50.3
Fayetteville Exp. S	Maximum	75	74	67	82	78	75	74	76	80	86	83	67	63	50	68	67	66	67	60	61	63	71	71	81	84	85	81	80	83	82	73.3
	Minimum	45	46	49	51	53	51	58	59	52	59	58	46	45	32	33	56	46	41	32	31	34	55	50	42	61	63	67	55	59	57	49.5
Fordyce	Maximum	84	80	71	85	78	83	81	82	88	89	82	77	75	64	70	64	61	69	65	69	75	75	82	83	87	86	86	84	90	84	78.3
	Minimum	58	55	46	45	58	60	58	57	64	61	65	55	46	39	35	45	55	48	42	33	42	51	60	47	54	53	56	58	56	60	52.1
Fort Smith ***	Maximum	82	78	63	81	69	83	79	76	84	91	76	69	59	55	72	68	60	73	58	66	69	77	78	85	87	89	80	83	86	81	75.3
	Minimum	56	52	51	49	58	54	57	58	58	62	59	55	48	43	38	57	53	51	42	39	44	56	61	58	60	66	71	66	62	58	54.6
Gilbert §§	Maximum	82	74	60	71	87	75	78	82	87	90	60	61	63	58	72	68	55	72	57	55	65	74	72	83	86	90	87	84	86	80	73.8
	Minimum	39	38	39	41	43	53	47	46	47	49	51	50	45	34	25	43	47	48	32	30	29	55	56	36	43	43	49	52	48	49	43.6
Grannis	Maximum	82	83	70	82	76	80	77	75	82	85	75	73	65	58	68	61	65	72	64	68	73	74	79	82	84	83	79	85	85	92	75.9
	Minimum	55	52	49	44	52	57	56	56	57	59	60	52	41	37	31	47	51	50	42	36	42	53	55	49	51	51	61	57	56	58	50.6
Gravette	Maximum	77	73	76	84	73	78	74	77	81	87	82	65	66	51	69	65	64	68	64	64	68	71	73	82	83	85	77	80	83	81	74.0
	Minimum	45	48	47	47	52	52	59	57	52	56	58	46	44	31	30	56	44	40	32	30	40	55	49	43	59	59	65	52	58	52	48.6
Green Mountain	Maximum	82	79	72	83	86	84	82	85	81	82	87	67	71	53	66	65	69	73	72	61	68	69	74	82	86	87	87	86	88	88	77.2
	Minimum	52	50	41	47	53	50	59	65	60	62	53	49	44	32	34	57	47	49	36	36	49	51	58	54	55	65	66	53	54	64	51.5
Harrison	Maximum	77	74	66	84	81	75	80	78	81	88	67	65	64	49	69	65	63	69	63	62	60	69	72	82	84	89	83	79	84	84	73.5
	Minimum	43	43	45	47	54	53	51	55	52	54	56	48	46	33	29	57	47	44	34	35	31	49	54	40	53	54	68	54	53	57	48.0
Helena	Maximum	76	75	65	80	78	68	80	80	80	87	84	72	65	57	65	63	63	62	58	61	70	77	73	73	81	84	82	78	86	86	73.6
	Minimum	59	55	46	50	55	48	54	59	62	62	63	58	49	38	32	47	54	52	43	35	42	53	62	45	53	59	62	59	56	64	52.5
Highland	Maximum	78	79	69	75	77	77	75	74	79	80	80	70	64	57	65	63	58	69	67	66	70	71	78	77	79	78	77	80	82	88	73.4
	Minimum	56	57	48	45	55	48	56	55	60	59	63	53	51	42	34	47	50	50	46	36	43	53	58	51	51	58	59	61	57	59	52.0
Hope §§	Maximum	82	80	83	87	75	84	80	80	84	87	78	75	70	62	71	61	60	77	61	68	75	76	80	83	86	86	82	86	88	93	78.0
	Minimum	57	53	49	44	57	49	51	57	61	58	61	54	49	43	30	38	51	53	49	35	40	46	58	47	50	58	61	57	57	59	51.1
Hot Springs	Maximum	84	81	77	83	81	82	79	81	86	92	91	72	71	60	72	68	60	75	72	69	73	73	83	83	87	87	85	85	87	92	79.0
	Minimum	54	52	44	46	58	50	60	60	62	62	65	57	55	41	34	52	51	50	46	37	42	55	61	50	55	62	63	62	57	70	53.8
Irons Fork §§	Maximum	82	81	68	83	69	82	79	74	84	91	71	70	63	56	70	64	60	72	59	66	72	73	79	84	85	87	75	85	86	89	75.3
	Minimum	49	37	46	48	52	50	53	59	59	53	56	47	36	30	26	34	53	48	39	27	32	50	49	40	48	53	62	52	58	52	46.6
Jonesboro	Maximum	78	75	67	82	81	65	82	82	84	89	83	69	68	54	66	64	59	66	66	64	70	73	75	77	83	86	81	75	87	84	74.5
	Minimum	57	51	40	47	54	47	47	56	60	64	57	53	51	35	32	50	49	47	43	38	37	51	61	48	48	55	67	61	53	65	50.8
Lead Hill	Maximum	77	71	64	86	80	74	82	80	85	89	81	67	62	49	72	70	65	70	64	65	62	70	74	82	86	91	85	80	87	83	75.1
	Minimum	41	49	39	46	55	54	45	52	51	49	55	49	47	33	25	52	46	44	35	29	29	43	55	37	47	53	59	55	49	55	45.9
Little Rock ***	Maximum	78	72	60	83	67	70	81	80	86	87	72	70	65	57	68	63	59	70	60	65	69	74	78	77	85	86	80	80	88	88	73.9
	Minimum	60	55	48	45	51	51	52	54	60	59	65	54	48	41	34	48	52	50	47	38	41	54	59	51	52	60	64	61	57	63	52.5
Lutherville	Maximum	80	76	68	84	77	72	80	78	85	87	78	70	63	53	70	67	58	72	66	66	64	74	77	77	83	86	81	82	86	84	74.8
	Minimum	56	49	46	43	57	50	53	60	58	57	58	49	48	36	30	52	48	49	40	35	35	53	58	47	51	57	65	55	55	62	50.4
Magnolia	Maximum	82	82	79	85	85	87	82	79	88	85	83	78	73	63	72	67	63	69	68	69	77	79	82	83	87	87	86	84	90	91	79.5
	Minimum	60	61	51	50	60	53	57	59	65	62	64	53	45	41	34	51	50	53	45	35	44	55	57	50	55	57	60	59	62	60	53.6
Mammoth Spring	Maximum	80	79	66	86	77	76	85	86	83	89	85	68	65	50	69	66	68	68	65	64	70	64	74	81	85	89	88	80	87	82	75.8
	Minimum	50	47	41	46	53	41	49	52	53	55	53	53	45	33	26	52	53	53	38	38	31	48	53	39	46	56	65	56	52	56	47.8
Marianna §§	Maximum	68	60	80	66	68	80	80	81	90	82	68	63	54	63	64	61	60	57	63	68	74	74	74	81	84	81	80	89	85	74	72.4
	Minimum	55	52	45	45	52	50	52	53	56	58	60	59	52	39	30	36	50	51	45	36	40	46	62	45	50	57	63	58	56	59	50.4
Marked Tree §§	Maximum	78	69	61	80	70	67	84	83	83	91	67	67	60	53	68	68	58	62	57	60	69	74	75	76	82	86	80	79	88	83	72.6
	Minimum	58	50	41	42	51	47	46	55	58	58	57	55	51	36	30	33	53	47	44	38	38	48	51	49	50	53	65	61	52	57	49.1
Mena	Maximum	83	80	76	83	79	82	80	75	83	88	83	71	70	55	71	69	60	71	68	69	75	76	78	85	85	85	83	87	87	89	77.5
	Minimum	56	48	48	45	61	47	58	61	60	60	65	54	47	40	33	52	51	50	41	33	41	58	58	48	54	61	63	59	57	62	52.4
Monticello ***	Maximum	81	78	61	84	73	79	81	80	85	85	84	78	74	62	65	66	67	63	65	67	73	79	78	79	84	85	84	83	89	93	76.8
	Minimum	59	58	50	46	60	54	58	59	63	63	64	53	47	43	33	50	56	51	41	34	41	53	60	48	57	58	60	58	60	64	53.4
Morrilton §§	Maximum	80	75	59	85	65	72	83	80	84	89	65	69	60	55	70	65	60	70	60	66	70	74	77	75	86	84	83	84	88	85	73.9
	Minimum	54	49	47	45	50	50	50	50	60	56	63	55	50	39	32	42	55	50	44	37	36	50	57	44	53	44	57	62	53	52	49.5
Mountain Home	Maximum	77	72	59	86	78	70	83	80	85	89	77	68	61	53	71	69	67	72	67	68	67	72	75	80	85	87	89	81	86	77	75.0
	Minimum	47	43	41	45	52	52	45	50	53	54	53	49	43	32	27	54	46	47	37	36	31	48	56	40	48	55	55	54	51	57	46.7
Mt. Ida	Maximum	85	79	76	85	68	82	80	77	86	90	85	73	67	58	71	65	58	72	68	69	74	78	81	84	86	85	84	85	87	93	77.7
	Minimum	54	38	40	46	58	38	52	61	59	53	69	48	41	32	25	55	51	51	43	29	32	56	48	40	43	55	52	54	50	52	47.5
Nashville	Maximum	83	81	77	84	82	83	80	79	85	85	80	74	70	61	70	68	63	74	72	69	75	76	82	81	85	84	82	89	87	91	78.4
	Minimum	54	50	51	47	47	50	53	56	62	59	68	57	46	43	33	51	56	53	48	36	44	56	56	49	52	57	65	54	59	57	52.3
Newport	Maximum	78	74	68	84	80	68	84	82	82	90	82	68	68	55	66	65	60	69	67	65	70	72	75	74	81	85	80	78	86	83	74.6
	Minimum	60	52	44	48	56	50	52	55	61	61	58	53	53	39	32	45	55	49	45	39	39	53	62	45	50	59	69	64	53	62	52.1
Oden ***	Maximum	80	79	64	82	70	82	80	76	83	91	73	71	63	56	72	64	62	74	60	67	74	75	79	84	85	88	78	86	87	89	75.8
	Minimum	56	43	43	44	59	43	60	57	54	56	57	57	46	38	29	57	51	52	49	32	36	60	56	45	51	62	75	59	55	58	51.3

Daily Temperatures for April, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Okay	Maximum	83	83	79	85	84	85	84	80	84	86	88	79	79	66	70	70	64	74	75	71	76	77	84	83	87	87	83	87	88	94		80.5
	Minimum	55	48	51	47	55	50	56	59	61	58	68	49	45	43	31	51	58	53	49	36	43	57	57	47	52	60	61	57	58	56		52.4
Ozark	Maximum	83	80	80	85	85	79	80	80	81	90	83	72	70	57	71	78	79	77	73	74	67	78	80	80	89	90	89	86	88	86		79.7
	Minimum	53	45	44	46	59	52	50	55	57	53	60	52	45	39	31	49	50	49	50	32	36	54	57	44	57	59	58	63	59	57		50.5
Paragould	Maximum	75	70	62	79	78	60	81	80	80	85	75	68	63	50	64	71	61	65	65	59	69	70	74	75	80	84	79	72	84	77		71.8
	Minimum	56	50	39	44	54	52	45	52	61	62	56	55	49	36	28	50	49	48	43	39	35	50	58	49	48	56	67	61	51	64		50.2
Perryville	Maximum	82	79	69	86	84	75	83	80	87	90	86	70	70	57	71	67	60	72	72	65	70	75	79	81	88	88	85	86	90	88		77.8
	Minimum	55	46	44	42	58	49	42	48	57	55	59	52	45	40	28	51	50	49	44	35	34	49	42	46	46	53	58	57	50	55		48.0
Pine Bluff	Maximum	81	78	67	85	71	79	81	83	88	93	87	78	70	62	72	69	67	66	63	66	76	76	79	82	88	89	86	84	91	94		78.4
	Minimum	60	55	55	47	60	53	58	57	63	61	66	58	53	44	35	54	54	52	46	39	43	53	63	50	51	53	64	61	58	66		54.4
Pocahontas	Maximum	79	79	68	82	82	83	81	82	81	90	81	70	68	54	66	68	60	70	71	63	69	62	75	76	81	81	80	77	85	82		74.9
	Minimum	53	50	40	42	53	43	50	52	60	58	58	51	49	34	27	53	49	48	42	38	33	46	46	45	46	55	55	59	51	59		48.2
Portland	Maximum	85	80	75	83	81	84	80	81	84	85	84	81	79	70	70	66	68	65	70	70	73	80	80	82	85	85	84	87	90	94		79.4
	Minimum	58	58	49	45	48	46	55	55	63	62	75	63	50	44	34	45	55	50	45	37	39	50	60	47	48	55	60	62	59	60		52.6
Prescott	Maximum	83	83	80	84	84	85	81	80	86	89	87	77	76	67	71	71	61	73	72	69	77	76	82	83	86	86	85	85	89	93		80.0
	Minimum	59	54	50	46	60	50	58	57	63	60	66	54	50	46	34	52	57	53	50	39	44	53	59	51	54	60	62	60	59	62		54.1
Rogers	Maximum	67	64	71	83	70	78	70	76	80	85	75	65	63	45	68	66	63	67	60	60	65	70	71	79	83	85	77	79	82	72		71.3
	Minimum	58	57	54	48	52	54	55	57	53	57	57	47	43	31	32	55	45	43	32	33	38	54	50	47	59	59	66	57	59	55		50.2
Russellville	Maximum	81	81	74	86	83	75	80	79	87	89	87	70	69	57	71	70	60	73	70	67	68	74	79	79	87	88	85	80	88	86		77.4
	Minimum	56	48	48	42	59	51	49	51	61	56	60	53	45	38	30	51	53	52	44	36	35	54	57	43	44	56	67	60	54	56		50.3
St. Charles §§	Maximum	80	73	65	84	67	72	82	79	83	91	78	71	66	56	66	64	62	62	59	64	73	75	77	77	84	85	82	82	89	90		74.6
	Minimum	59	53	47	47	56	50	53	55	60	59	64	57	50	42	31	45	55	51	46	35	42	52	59	46	51	57	62	56	55	62		51.9
Searcy	Maximum	81	73	65	85	78	73	82	81	84	91	84	71	69	55	68	66	60	70	63	66	70	74	76	77	82	84	79	78	86	83		75.1
	Minimum	57	52	45	44	57	54	51	51	60	56	59	53	51	38	30	48	52	48	45	38	38	52	60	47	49	57	66	63	54	60		51.2
Sheridan (near)	Maximum	82	75	62	83	80	79	82	82	86	91	82	72	67	68	72	65	60	72	70	67	72	75	78	79	87	87	83	83	88	90		77.3
	Minimum	51	53	45	42	57	50	53	54	60	51	62	54	49	37	31	49	51	48	44	35	39	52	59	46	50	57	63	57	51	61		50.4
Siloam Springs	Maximum	74	68	67	82	82	73	73	73	78	84	78	64	55	50	65	65	59	64	62	58	63	69	69	77	82	83	77	76	80	80		71.0
	Minimum	43	45	45	49	50	49	57	57	50	55	56	46	43	32	33	54	44	38	32	30	36	53	48	44	58	60	64	52	57	54		47.8
Stuttgart	Maximum	79	75	64	83	77	71	81	79	83	88	80	73	67	59	67	65	60	65	64	65	71	75	77	77	82	85	84	81	89	89		75.2
	Minimum	57	54	45	44	54	46	50	53	57	56	61	58	47	37	30	45	54	48	42	34	38	49	58	45	50	58	61	57	53	60		50.0
Stuttgart (near) §§	Maximum	79	76	62	82	67	70	78	78	80	88	82	70	64	55	66	64	61	64	58	63	69	73	76	77	82	85	82	80	88	89		73.6
	Minimum	56	54	46	47	51	49	53	55	58	58	61	50	50	41	31	37	51	51	47	47	41	46	56	45	52	58	61	58	57	58		50.8
Subiaco	Maximum	80	80	73	84	81	79	80	80	85	91	85	69	67	55	72	70	61	74	69	66	68	75	78	83	87	90	82	83	88	87		77.4
	Minimum	63	72	47	45	58	52	52	..	55	59	62	55	52	41	33	57	52	52	42	41	39	67	61	48	54	62	70	64	57	..		54.0
Texarkana ***	Maximum	81	82	71	84	80	84	80	80	83	87	77	74	70	62	70	63	64	72	64	67	76	79	81	82	86	85	82	85	88	91		77.7
	Minimum	60	56	54	55	59	52	60	62	64	62	69	56	50	45	38	54	60	54	51	40	48	58	63	54	61	62	62	62	62	61		56.5
Turnpike	Maximum	78	71	62	85	76	70	79	75	85	88	79	66	60	47	65	63	54	66	63	60	61	67	71	76	80	84	77	78	83	75		71.5
	Minimum	46	48	38	44	47	48	55	56	53	63	55	46	43	29	32	48	42	44	31	33	45	50	52	51	54	60	61	54	52	56		47.9
Wabash	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Waldron	Maximum	82	80	74	86	83	83	80	79	84	93	87	69	68	57	72	66	68	70	70	65	75	76	78	85	85	88	85	86	87	87		78.3
	Minimum	54	42	49	45	61	51	57	56	57	58	67	55	43	39	31	56	52	52	42	32	37	61	59	46	50	61	66	59	60	57		51.8
Warren	Maximum	82	80	75	83	80	81	82	81	85	86	85	76	75	67	69	67	65	63	65	67	75	77	80	79	85	85	85	83	86	93		78.1
	Minimum	60	55	50	46	61	54	59	56	63	60	65	60	51	44	33	50	57	53	45	36	40	52	62	47	50	58	60	58	60	65		53.7
White Rock	Maximum	77	74	66	78	74	71	72	72	78	85	79	64	54	50	64	62	54	67	62	60	59	68	70	75	79	82	76	79	79	78		70.3
	Minimum	48	50	40	42	50	47	55	53	53	59	55	43	42	28	34	48	41	42	29	34	43	50	50	54	57	61	56	54	58	57		47.8
Wilson	Maximum	63	65	72	80	73	73	81	83	83	89	75	66	62	56	64	65	62	60	59	57	69	73	74	73	82	87	85	80	89	87		72.9
	Minimum	48	49	49	45	51	47	47	57	61	61	52	50	47	32	30	50	49	49	42	34	37	51	63	60	49	59	63	61	50	64		50.2
Wright	Maximum	76	74	69	83	80	72	78	78	83	85	83	74	67	60	66	75	60	64	64	61	67	71	73	75	85	83	83	78	85	86		74.6
	Minimum	56	51	45	42	55	48	49	48	58	55	55	56	50	40	29	47	58	47	44	35	36	47	57	44	49	57	61	56	53	61		49.6
Wynne	Maximum	80	74	65	81	80	79	81	82	81	90	83	68	64	57	67	64	60	62	62	65	69	74	76	75	81	83	81	78	87	84		74.4
	Minimum	56	49	42	44	53	47	48	53	57	58	59	51	45	36	28	46	53	46	38	35	42	52	59	41	50	58	63	57	53	71		49.7

Daily River Stages for April, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	10.4	9.8	9.5	9.2	8.9	8.4	8.1	7.9	7.8	9.0	9.2	14.1	16.0	15.7	13.9	11.8	10.6	10.2	11.9	11.8	10.8	9.6	9.2	9.1	8.5	8.3	8.2	8.2	8.2	8.1
Van Buren	do	22	10.0	9.3	8.8	8.5	8.1	7.5	7.1	6.9	6.3	7.8	8.3	14.0	15.9	15.6	13.9	11.8	10.1	9.6	11.1	11.3	10.3	8.8	8.2	8.1	7.5	7.3	7.0	7.0	6.9	6.8
Danville	Petit Jean	20	7.8	6.8	6.2	5.7	5.3	4.9	4.6	4.4	4.5	4.6	5.9	19.6	21.5	21.2	19.0	14.7	10.1	9.1	10.5	10.2	8.3	7.1	6.1	5.9	5.3	5.0	4.7	4.4	4.1	4.0
Ozark	Arkansas	22	6.4	5.6	4.0	3.7	3.7	3.7	3.4	3.1	3.2	3.3	4.3	8.8	11.8	11.5	10.5	8.7	6.8	6.0	6.0	7.2	7.7	5.5	4.5	4.2	3.9	4.4	3.3	3.1	3.0	2.9
Dardanelle	do	22	10.3	9.1	8.3	7.6	7.3	6.9	6.4	7.0	5.8	6.0	6.2	10.5	15.0	15.4	14.5	12.9	11.0	9.6	10.0	9.4	10.2	9.4	8.1	7.2	6.9	6.6	6.3	5.9	5.8	5.7
Morrilton	do	20	7.1	6.2	5.0	4.2	3.6	3.4	2.6	2.0	1.6	1.5	1.6	4.0	10.2	12.2	11.7	10.6	8.8	7.2	6.2	5.8	6.8	6.5	5.2	3.7	3.0	2.6	2.0	1.6	1.2	1.1
Little Rock	do	23	9.4	8.0	6.8	5.9	5.3	4.9	4.5	4.0	3.6	3.4	3.4	3.9	7.7	12.4	12.9	12.0	10.5	9.4	8.2	7.4	7.3	7.8	7.2	5.9	5.0	4.5	4.1	3.8	3.4	3.2
Pine Bluff	do	25	14.5	12.9	11.9	10.3	9.4	8.6	8.1	7.7	7.2	6.8	6.4	6.4	7.3	13.9	16.5	16.5	15.5	14.3	13.3	12.1	11.4	11.6	11.8	10.7	9.3	8.3	7.7	7.4	6.9	6.5
Gilbert	Buffalo	30	5.2	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.4	4.3	4.5	8.8	7.0	6.1	5.6	5.3	5.1	5.0	5.0	4.8	4.7	4.7	4.5	4.4	4.3	4.2	4.1	4.0	4.0	4.0
Black Rock	Black	14	10.7	10.0	9.5	8.8	8.3	7.8	7.4	6.9	6.6	6.1	5.8	8.7	9.3	9.5	8.7	8.4	8.0	7.7	7.6	7.2	6.8	6.6	6.8	7.3	8.0	8.7	9.1	8.9	8.4	7.9
Heber Springs	Little Red	30	7.1	6.9	6.4	6.2	5.8	5.6	5.4	5.2	5.1	5.4	6.8	19.0	17.6	11.5	9.6	8.6	7.9	8.0	8.3	7.7	7.2	6.8	6.5	6.2	5.9	5.6	5.4	5.1	4.9	4.8
Ozark Beach Mo	White	30	5.1	5.1	4.8	4.5	4.6	4.2	2.0	2.4	1.5	2.6	2.0	6.4	9.8	12.2	9.0	7.0	6.0	5.5	5.0	4.8	4.6	3.7	2.4	3.1	3.9	3.7	4.4	2.8	2.4	2.4
Cotter	do	21	6.3	6.2	5.8	5.7	5.6	5.7	4.9	4.8	4.6	4.9	4.6	4.8	8.2	10.7	12.3	9.7	8.0	7.2	6.7	6.4	6.1	5.6	5.3	4.6	4.7	5.5	5.1	5.0	4.6	4.3
Calico Rock	do	18	7.4	6.8	6.3	6.1	5.7	5.4	5.2	4.9	4.5	4.9	4.5	6.6	8.8	11.1	12.1	10.7	8.6	7.5	6.9	6.3	5.8	5.6	5.4	5.7	5.9	5.6	5.1	5.1	5.2	4.9
Batesville	do	23	13.3	12.3	11.5	11.1	10.7	10.3	10.0	9.7	9.4	9.4	9.5	14.3	14.0	15.8	17.0	17.9	15.4	13.7	12.5	11.8	11.1	10.7	10.4	10.1	10.2	10.4	10.3	9.8	9.8	9.5
Newport	do	26	16.3	15.6	14.6	13.5	12.5	11.7	11.7	10.0	9.4	8.5	8.0	9.4	12.7	15.0	17.0	18.2	18.5	17.4	16.0	14.8	13.3	12.0	11.3	10.5	10.0	10.0	10.0	10.0	10.0	9.7
Georgetown	do	21	17.9	18.0	18.0	17.9	17.6	17.1	16.5	15.7	14.9	14.0	13.0	13.0	14.6	17.7	18.3	18.2	18.3	18.6	19.0	19.1	19.0	18.7	18.1	17.4	16.6	15.8	15.1	14.4	14.0	13.6
Des Arc	do	24	19.8	20.0	20.0	20.0	19.9	19.7	19.2	18.8	18.2	17.5	16.7	16.2	16.5	18.0	19.0	19.5	19.7	20.1	20.4	20.6	20.7	20.8	20.7	20.4	19.0	19.0	18.6	17.9	17.1	16.8
Clarendon	do	26	24.5	24.6	24.7	24.8	24.8	24.9	24.8	24.7	24.5	24.3	23.9	23.7	23.3	23.0	23.0	23.2	23.4	23.7	24.0	24.3	24.5	24.6	24.7	24.7	24.7	24.6	24.5	24.2	23.9	23.6
St. Charles	do	25	24.3	24.5	24.6	24.7	24.7	24.8	24.9	24.9	25.0	25.0	24.9	24.9	24.8	24.7	24.3	24.1	24.1	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.2	24.2	24.2	24.2	24.1	24.0
Glenwood	Caddo	..	5.9	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.6	5.6	6.0	5.8	5.8	5.7	5.7	8.8	9.2	7.0	6.6	6.4	6.3	6.2	6.0	6.0	5.9	5.8	5.8	5.8	5.8
Arkadelphia	Ouachita	17	8.4	8.4	8.1	7.9	7.6	7.2	7.5	6.6	7.1	7.2	6.3	5.4	7.0	7.2	7.4	7.2	7.5	15.9	18.5	15.6	12.1	9.3	9.3	8.1	6.9	6.2	6.4	6.8	7.5	7.4
Boughton	Little Mo.	20	9.3	8.8	8.2	7.8	7.5	7.2	6.9	6.4	6.1	5.6	6.2	5.9	8.3	7.2	6.4	6.0	11.1	17.5	21.4	20.7	17.4	13.9	10.4	7.0	6.9	6.8	6.8	6.7	5.6	5.8
Camden	Ouachita	26	28.0	26.9	21.9	22.0	19.5	17.3	15.8	14.5	12.7	11.3	10.9	9.8	8.8	9.0	9.3	9.8	10.2	14.6	21.4	26.1	28.9	30.8	31.4	30.7	29.1	26.5	22.6	18.3	15.7	13.9
Benton	Saline	20	6.6	6.9	6.7	4.6	4.5	4.4	4.4	4.5	5.0	5.2	5.3	5.7	5.8	5.7	5.6	5.5	5.9	15.9	14.1	12.0	10.0	8.0	6.0	5.4	5.1	5.0	5.0	5.0	4.9	4.9
Index	Red	25	12.4	11.6	10.9	10.4	10.0	9.8	9.8	9.3	8.8	8.8	9.9	12.6	13.0	10.7	10.2	11.2	13.2	15.5	18.4	18.8	18.5	17.2	15.8	15.0	14.4	13.7	12.9	12.4	11.9	11.5
Fulton	do	25	14.5	13.5	12.4	11.6	11.1	10.7	10.2	10.0	9.5	9.3	10.3	12.8	13.0	12.5	12.0	11.9	13.3	15.2	19.6	21.0	21.4	21.1	20.3	19.5	18.3	17.5	16.1	14.7	13.0	12.4
Big Lake Outlet	St. Francis	10	11.7	11.5	11.3	11.1	10.9	10.6	10.3	10.0	9.7	9.2	8.8	8.5	8.1	7.8	7.5	7.3	7.3	7.6	7.6	7.4	7.1	7.0	6.9	6.9	6.9	7.1	7.6	7.9	8.0	7.9
St. Francis	do	18	16.9	16.2	15.2	14.2	13.1	12.2	11.4	10.8	10.3	9.8	9.4	9.8	11.1	11.9	11.5	10.9	10.9	10.9	10.9	10.8	10.6	10.7	11.4	13.4	14.7	15.4	15.9	16.4	16.8	17.1
St. Francis L.L.	do	..	23.2	23.2	23.2	23.1	23.1	23.0	22.9	22.8	22.7	22.6	22.4	22.4	22.2	21.9	21.7	21.5	21.3	21.3	21.2	21.0	20.9	20.8	20.7	20.7	20.6	20.6	20.5	20.6	20.6	20.6
Marked Tree	do	17	8.2	7.8	7.9	7.9	7.9	7.8	7.8	7.6	7.6	7.5	7.5	7.6	7.5	7.4	7.3	7.2	7.0	7.4	7.6	7.5	7.4	7.2	7.2	7.2	7.0	6.9	6.9	6.8	6.8	6.7
Parkin	do	28	14.7	15.1	15.6	16.1	16.5	16.8	16.9	17.0	17.0	16.8	16.5	16.3	15.8	14.7	13.7	12.4	11.3	10.7	11.2	11.6	11.3	10.6	9.9	9.4	8.9	8.6	8.5	8.5	8.6	8.6
Madison	do	32	22.0	22.5	23.0	23.4	23.8	24.0	24.3	24.3	24.1	23.7	23.2	22.4	21.2	19.7	17.7	16.0	15.4	14.4	13.3	13.3	13.1	12.6	12.1	11.8	11.8	12.2	12.8	13.5	14.3	15.0
Helena	Mississippi	42	41.0	41.6	42.0	42.3	42.6	42.8	42.8	42.7	42.3	41.6	40.3	38.4	36.0	33.3	30.7	28.6	27.3	26.8	26.9	27.1	27.3	27.4	27.7	28.3	29.2	30.1	31.3	32.4	33.4	34.2
Arkansas City	do	42	33.4	33.9	34.3	34.6	34.8	35.0	35.2	35.3	35.4	35.2	34.9	34.3	33.4	32.2	31.1	30.0	28.8	27.5	26.7	26.1	25.6	25.4	25.3	25.3	25.5	25.7	26.3	26.9	27.6	28.2

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 0 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters a, b, c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated. observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ¹Precipitation is for the 24-hour period, midnight to midnight. ²Precipitation measured in morning; amount recorded is for the preceding 24 hours. ³Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVIII LITTLE ROCK, ARK., MAY, 1943 No. 5

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GENERAL SUMMARY

The weather in Arkansas during May, 1943, was marked by a wide range in temperature and rainfall, the rainfall particularly being worthy of special mention and study since a disastrous flood occurred on the Arkansas, White and Black rivers.

Of the stations for which normals have been computed, all except three showed positive temperature departures, monthly means ranging from 64.8° at Turnpike to 76.4° at El Dorado, a difference of 11.6° between the Ozarks and the southern border of the State.

Precipitation totals ranged from 1.36 inches at Monticello to 19.03 inches at Rogers. There were 32 stations in northwest Arkansas reporting monthly totals exceeding ten inches, while 21 stations showed negative precipitation departures. While Rogers had the heaviest rain, Siloam Springs with 18.51 inches was a close second, and Bentonville and Gravette with 16.89 and 16.48 inches respectively, followed. These are the greatest monthly totals on record at these stations.

An appreciable amount of rain did not occur until the 7th when light amounts were measured at numerous stations. The rain period from the 7th to the 11th initiated the flood, the greatest 24-hour amount for the month occurring in most sections between the 9th and the 11th. During this period Rogers measured 13.09 inches, 6.14 inches and 6.21 inches occurring on two consecutive days; Bentonville measured 11.56 inches, and Odell, Fort Smith and Siloam Springs measured over ten inches. Many northwestern stations had only slightly lower amounts. There was little rain from the 12th to the 15th, but thereafter amounts were again heavy, a few stations reporting 24-hour amounts as late as the 22d, 23d, 29th and 30th.

The excessively heavy rains from the 8th till the 11th brought floods to the Arkansas, White and Black rivers, and the heavy rains of the last decade brought a second crest on the Arkansas and Upper White. Stages higher than those recorded in April 1927 were reported at Ozark, Dardanelle and Pine Bluff on the Arkansas, and at Ozark Beach, Mo., and Georgetown on the White. The first rise on the Arkansas was rapid, as much as 21 feet in 24-hours at one point. No statistics have yet been compiled as to flood loss, but it will be excessive.

While a disastrous flood occurred in the lowlands of the Arkansas, White and Black, destroying crops and preventing farm work, in southern sections of the State several counties reported little rain during the preceding six weeks, the soil being too dry for the germination and growth of crops. In upland sections cotton made fair progress and chopping was under way. By the close of the month some early corn was laid by. A short strawberry crop was harvested. Oats were maturing and cutting was in progress at the close of the month. Meadows, pastures and alfalfa made excellent growth. Rice was planted and irrigated. Potatoes, peanuts and other minor crops made fair progress outside flooded areas.

TEMPERATURE

The mean temperature for the State, as determined from the records of 81 stations, was 71.0°, which is 1.8° above the 53-year average. Bee Branch, England and Highland were the only stations reporting monthly mean temperatures below normal. The highest monthly mean was 76.4° at El Dorado, and the lowest was 64.8° at Turnpike. The highest temperature recorded was 95° at Dardanelle on the 2d, and at Dumas on the 5th. The lowest was 38° at Lead Hill on the 1st, at Gravette on the 2d, and at Highland on the 4th. The highest minimum temperature for the month was 56° at El Dorado on the 26th.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Bentonville	30.51	1	29.58	15	7.3	25	sw.	5	..	..	..	52	..
Fort Smith	30.21	21	29.61	10	8.1	31	se.	8	79	62	63	56	15
Little Rock	30.41	1	29.58	10	9.4	32	sw.	10	83	60	63	52	1
Memphis	30.40	1	29.62	10	8.5	27	w.	19	80	59	63	57	3

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67.8	95	36	9.52	0.0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0.0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0.0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70.8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67.6	97	30	6.21	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0.0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
1939	69.4	96	34	4.85	0.0	10	13	9	9
1940	66.6	96	33	3.62	0.0	9	17	8	6
1941	71.4	97	40	2.22	0.0	6	14	10	7
1942	68.0	100	36	3.89	0.0	8	13	10	8
1943	71.0	95	38	7.89	0.0	10	10	9	12
Period	69.2	107	24	4.94	T.	8	13	10	8

Corrections for April, 1943:--Booneville (near), mean temperature 65.0°, departure +2.8° Benton, date of maximum temperature 11th. Bentonville, mean 59.6° departure +2.0°. Brinkley, date of greatest 24 hour rainfall 1.32 inches on 17-18th. Perryville, days with 0.01 precip., 7. Wynne, days with 0.01 or more precip. 7. Booneville (near), mean maximum temp. 78.5°, Bentonville, minimum on 11th, 49°; mean minimum temp. 48.5°.

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Climatological Data for May, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	6	71.4	......	90	2§	51	12	7.92	......	1.53	29-30	0.0	12	11	5	15	n.	L. R. Water Works
Arkadelphia	Clark	200	47	73.9	......	92	3	53	21§	5.46	+0.33	1.37	22	0.0	10	10	12	10	sw.	George S Dews
Arkansas City	Desha	145	58	......	......	......	......	......	......	3.51	-1.46	0.80	11	0.0	8	16	6	9	......	John W. Trammell
Batesville Airway	Independence	363	6	70.5	+ 3.5	94	2	49	21	9.56	......	5.36	10	0.0	18	6	12	13	......	Airway Observer
Batesville Livestk.	Independence	....	2	68.1	......	90	2	46	1§	10.89	......	6.50	10	0.0	10	11	8	12	sw.	University of Arkansas
Batesville River	Independence	277	43	......	......	......	......	......	......	9.30	+4.31	5.19	9-10	0.0	11	13	7	11	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	68.0	- 0.3	90	3	46	21§	9.00	+3.94	3.00	9	0.0	12	10	10	11	w.	Miss Minnie Scanlan
Benton	Saline	285	7	69.6	......	91	2	47	26	5.75	......	1.18	30-31	0.0	10	14	9	8	sw.	S. A. Burks
Bentonville	Benton	1295	37	65.8	+ 0.5	92	2	45	8	16.89	+11.68	5.78	9	0.0	15	8	17	6	s.	U. S. Weather Bureau
Bethesda †	Independence	500	3	68.5	......	91	2§	47	2§	10.64	......	6.22	10	0.0	9	9	10	12	w.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	12	......	......	......	......	......	......	4.25	+0.89	1.80	10-11	0.0	11	10	6	15	......	C. J. Brooks
Black Rock	Lawrence	259	41	......	......	......	......	......	......	8.40	+3.67	3.76	10	0.0	11	10	5	16	s.	Vernon C. Howe
Bluff City	Nevada	....	2	74.7	......	92	2§	53	21	4.73	......	1.12	30	0.0	9	16	7	8	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	71.2	+ 1.0	93	5	48	1	4.94	+1.02	1.73	10-11	0.0	10	15	10	6	s.	Maureen K. Norris
Booneville (near)	Logan	465	28	71.6	+ 1.8	94	2	50	21	12.41	+6.73	5.60	10-11	0.0	11	9	12	10	s.	F. H. Randolph
Boughton †	Clark	235	7	......	......	......	......	......	......	5.16	......	1.49	22	0.0	7	10	5	16	......	Mrs. Ruby Brown
Brinkley	Monroe	205	51	72.2	+ 2.2	91	2§	49	2§	2.71	-2.68	0.79	27	0.0	10	5	8	18	s.	U. S. Weather Bureau
Calico Rock	Izard	361	38	......	......	......	......	......	......	10.37	+5.72	3.27	10-11	0.0	13	4	3	24	......	William Jones
Camden	Ouachita	116	57	74.6	+ 3.8	94	4	51	26	3.81	-0.91	1.06	8	0.0	9	5	18	8	se.	J. M. Knight
Camp Robinson	Pulaski	463	2	70.4	......	94	1	47	31	5.53	......	1.25	10	0.0	9	6	15	10	sw.	U. S. Army
Clarendon	Monroe	172	38	......	......	......	......	......	......	3.70	-0.86	1.05	8	0.0	11	5	12	14	sw.	B. F. Northern
Clover Bend	Lawrence	235	4	70.2	......	92	5	45	2	10.32	......	3.34	10-11	0.0	10	7	17	7	s.	Farm Security Adm.
Conway	Faulkner	309	59	72.2	+ 2.2	92	2§	52	2	6.57	+1.51	2.39	9	0.0	12	13	13	5	s.	F. E. Cordrey
Corning	Clay	293	49	70.6	+ 2.6	92	5	50	26	8.55	+3.82	4.06	10	0.0	12	15	13	3	sw.	Robert B. Polk
Cotter	Baxter	440	15	......	......	......	......	......	......	11.13	+6.24	3.30	10-11	0.0	11	10	8	13	......	O. B. McSpadden
Crossett (near)	Ashley	175	30	74.3	+ 2.5	92	2§	52	2	4.52	-0.13	1.54	29	0.0	8	15	10	16	s.	U. S. Forest Service
Danville	Yell	327	26	......	......	......	......	......	......	6.85	+1.06	2.04	10	0.0	11	4	17	10	......	J. M. Patterson
Dardanelle	Yell	330	56	72.2	+ 2.4	95	2	52	12§	9.04	+3.85	3.25	10-11	0.0	11	6	14	11	s.	Geo. N. Goodier
DeQueen	Sevier	426	7	70.7[a]	......	90[a]	2	50[a]	21	3.76	......	1.19	30	0.0	8	15	9	7	......	L. D. McCown
Des Arc	Prairie	204	4	73.4	......	91	3§	54	1§	4.83	......	1.25	10	0.0	8	4	14	13	s.	Z. R. Glenn
Devils Knob †	Johnson	2350	6	64.9	......	87	2	46	21	12.62	......	4.31	9-10	0.0	14	9	5	17	sw.	U. S. Forest Service
Dumas	Desha	162	37	74.9	+ 3.7	95	5	54	2§	5.44	+1.97	1.87	8	0.0	11	5	16	10	s.	Ben Johnson
El Dorado	Union	270	42	76.4	+ 5.0	93	4§	51	26	3.44	-0.04	1.07	22-23	0.0	7	17	8	6	s.	Mrs. E. W. Gaston
England	Lonoke	229	36	68.9	- 0.9	91	19	49	26	5.12	+0.63	1.81	11	0.0	10	7	20	4	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	42	66.9	+ 0.5	90	2	46	8§	13.88	+8.29	4.40	9-10	0.0	16	10	6	15	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	5	68.2	......	89	2	47	8§	16.18	......	5.80	9-10	0.0	16	5	6	20	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	55	67.6	+ 1.4	90	2	46	1§	15.01	+9.72	5.54	10	0.0	17	7	14	10	s.	University of Arkansas
Fordyce	Dallas	280	2	73.4	......	93	2§	46	1	2.89	......	0.83	10	0.0	8	12	9	10	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	70.8	+ 1.2	91	4	54	8	14.71	+9.89	5.10	8-9	0.0	12	4	10	17	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	5	......	......	......	......	......	......	11.01	......	3.40	8-9	0.0	9	7	8	16	......	Ft. Smith Water Plant
Fulton	Hempstead	260	57	......	......	......	......	......	......	5.43	+0.78	2.05	22	0.0	8	12	7	12	......	Ina J. Logan
Georgetown	White	200	30	......	......	......	......	......	......	4.58	-0.17	1.30	10-11	0.0	9	18	0	13	......	C. G. Long
Gilbert	Searcy	600	17	67.2	......	92	2§	43	2§	10.83	+6.39	3.80	10	0.0	11	15	1	15	sw.	F. E. King
Glenwood	Pike	547	7	......	......	......	......	......	......	8.06	......	2.25	19-20	0.0	7	11	1	19	......	Chas. A. Price
Grannis	Polk	950	23	70.6	+ 3.6	90	2	48	21	4.38	-2.05	1.28	29-30	0.0	11	9	5	17	s.	W. E. McVay
Gravette	Benton	1250	45	66.4	+ 1.0	90	3	38	2	16.48	+11.06	5.30	8-9	0.0	15	8	9	14	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	5	68.6	......	92	2	47	21	8.75	......	4.20	9-10	0.0	9	9	10	12	s.	U. S. Forest Service
Harrison	Boone	1052	42	68.6	+ 2.8	91	2	44	1	12.97	+7.76	4.25	9-10	0.0	13	9	12	10	nw.	J. M. McGaughey
Heber Spgs. (near)	Cleburne	272	13	......	......	......	......	......	......	9.68	+4.93	4.36	10	0.0	9	15	6	10	......	Lester B. Logan
Helena	Phillips	300	70	72.4	+ 1.6	89	2§	51	22	3.76	-0.93	1.34	10-11	0.0	7	10	7	14	s.	James A. Burnett
Highland	Pike	491	23	70.2	- 0.5	87	4	49	21	6.00	+0.88	3.75	28-29	0.0	5	11	11	9	sw.	Clyde Cooley
Hope (near) ‡‡	Hempstead	375	72	43.0	+ 2.0	92	2§	51	21	4.81	-0.39	1.31	22	0.0	9	9	7	15	s.	University of Arkansas
Hot Springs	Garland	600	51	73.0	+ 3.2	91	2§	54	23	7.54	+1.53	2.07	29-30	0.0	9	11	10	10	s.	National Park Service
Index †	Little River	275	25	......	......	......	......	......	......	5.35	+0.93	1.60	27-28	0.0	5	17	1	13	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	4	68.1	......	91	10	43	21§	8.03	......	1.68	30-31	0.0	11	9	2	20	sw.	U. S. Forest Service
Jessieville	Garland	750	16	......	......	......	......	......	......	11.96	+5.92	3.25	20	0.0	9	4	18	9	sw.	U. S. Forest Service
Jonesboro	Craighead	345	47	71.6	+ 2.1	90	2§	50	2	3.37	-0.82	0.85	24	0.0	10	7	8	16	sw.	Benedictine Sisters
Lead Hill	Boone	650	36	67.7	+ 0.3	94	2	38	1	12.24	+7.41	3.96	9-10	0.0	13	12	7	12	s.	J. H. Crosswhite
Little Rock	Pulaski	257	63	72.6	+ 2.3	91	2	56	21	4.41	-0.37	1.15	27	0.0	13	7	7	17	s.	U. S. Weather Bureau
Lutherville †	Johnson	775	44	69.6	+ 1.6	92	2	49	21	13.68	+8.41	6.93	10-11	0.0	13	11	7	13	s.	Clarence Leuhardt
Madison	St. Francis	209	12	......	......	......	......	......	......	4.00	-0.10	1.20	10	0.0	8	5	1	25	......	J. W. Eppes
Magnolia	Columbia	315	26	75.8	+ 4.4	93	2§	54	25	3.71	-0.76	1.47	30-31	0.0	8	7	12	12	se.	State Agri. School
Mammoth Spring	Fulton	600	38	70.2	+ 4.2	94	2	47	26	7.63	+3.04	3.50	10-11	0.0	9	7	14	10	sw	Mrs. Johnnie Morton
Marianna	Lee	235	31	72.3	+ 2.1	93	4	51	22	6.07	+1.79	3.00	8-9	0.0	7	7	14	10	s.	University of Arkansas
Marked Tree	Poinsett	229	38	71.3	+ 2.3	92	5	53	1§	4.39	-0.31	2.03	10-11	0.0	9	7	15	9	n.	Charles Walton
Mena	Polk	1207	54	70.8	+ 2.2	91	3	48	21	5.80	-0.44	1.77	15-16	0.0	11	10	8	13	sw.	E. W. St. John
Monticello	Drew	273	2	73.0	......	93	19	52	22	1.36	......	0.49	30	0.0	8	7	11	13	s.	Airway Observer
Morrilton †	Conway	315	26	70.2	+ 1.2	94	2	52	22	6.18	+1.27	1.38	8-9	0.0	10	7	12	12	s.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	......	......	......	......	......	......	12.78	......	4.33	9-10	0.0	12	7	6	18	s.	C. A. Lovell
Mountain Home †	Baxter	800	30	68.4	+ 2.3	92	3	45	1	10.01	+5.00	4.60	9-10	0.0	10	9	3	19	sw.	H. N. Haibert
Mountain Valley	Garland	788	5	......	......	......	......	......	......	8.81	......	2.40	29-30	0.0	7	6	14	11	s.	C. A. Cockman
Mount Ida	Montgomery	702	43	70.4	+ 2.4	92	2	45	26	11.56	+5.63	4.40	9	0.0	11	9	10	12	sw.	J. S. Whittington
Mulberry (near) †	Franklin	433	4	......	......	......	......	......	......	14.47	......	3.32	9-10	0.0	13	8	5	18	......	Clifton H. Ward
Nashville	Howard	350	4	73.4	......	92	2§	50	8	7.53	......	2.97	29-30	0.0	8	12	15	4	se.	Brice Carruth
Newport	Jackson	231	59	72.2	+ 2.4	92	5	53	1§	6.31	+1.95	2.25	10-11	0.0	9	10	8	13	sw.	W. T. Moyer
Nimrod Dam	Perry	....	1	71.0	......	93	2	50	12	7.17	......	1.74	10	0.0	9	7	11	13	e.	U. S. Engineers
Oden	Montgomery	800	15	7.10[b]	......	91[b]	4	29[b]	12§	8.39	+3.56	1.92	9	0.0	8	7	18	6	......	U. S. Forest Service
Okay	Howard	288	14	74.6	+ 3.9	93	2§	50	21	5.46	+1.04	1.94	30	0.0	12	13	11	7	s.	Charles R. Jackson
Osceola	Mississippi	250	42	......	......	......	......	......	......	4.62	-1.19	2.39	10-11	0.0	13	14	13	4	......	G. H. Banks
Ozark	Franklin	396	47	70.7	+ 1.1	92	5	44	21	12.63	+7.26	3.92	8-9	0.0	11	4	5	22	se.	Orkney O. Milton
Paragould	Greene	275	19	70.2	......	89	5	49	2	5.62	+0.82	1.66	10	0.0	12	14	12	5	sw.	J. E. Garrett
Parkin	Cross	222	12	......	......	......	......	......	......	4.08	+0.56	2.00	10	0.0	7	8	5	18	......	Carroll King
Perryville	Perry	325	3	76.2	+ 3.8	94	2	48	21	7.08	+1.34	2.25	9	0.0	8	5	19	7	ne.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	55	74.6	+ 3.2	94	4§	55	11	6.23	+1.56	1.64	8	0.0	10	11	15	5	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	......	......	......	......	......	......	10.08	+4.81	1.92	9	0.0	10	5	5	21	sw.	J. R. Huddleston
Pocahontas	Randolph	300	49	70.4	+ 2.1	92	3	48	2	7.48	+2.60	3.19	10	0.0	13	10	13	8	sw.	Benedictine Sisters
Portland	Ashley	122	36	76.0	+ 4.4	93	14§	54	22	3.68	-1.67	1.25	30-31	0.0	8	13	11	7	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	75.5	+ 5.1	93	2§	54	21	5.10	+0.05	1.45	22	0.0	8	11	11	9	sw.	W. R. Hambright
Rogers	Benton	1300	52	66.4	+ 0.6	89	2	41	9	19.03	+13.97	6.21	9-10	0.0	19	10	7	14	se.	Howard Fowler
Rosebud	Faulkner	680	8	......	......	......	......	......	......	9.69	......	2.80	9	0.0	12	14	9	8	sw.	G. A. Maddox
Russellville ‡‡	Pope	526	30	71.2	+ 2.6	94	2	51[e]	2	7.02	+1.43	2.00	10	0.0	9	7	17	7	sw.	Ark. Tech. College
St. Charles	Arkansas	175	9	73.2	......	92	18§	52	26	4.25	......	0.98	19	0.0	8	7	11	13	s	U. S. Biological Survey
St. Francis	Clay	290	15	......	......	......	......	......	......	7.44	+3.49	4.57	10	0.0	12	16	0	15	......	W. S. Buckley
Searcy	White	245	32	70.7	+ 2.2	90	2	51	2	6.21	+1.77	1.43	10	0.0	10	11	7	13	sw.	Walter A. Smith
Sheridan (near) †	Grant	....	2	72.4	......	92	2	47	21	5.48	......	1.10	19-20	0.0	14	5	16	10	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	66.8	......	80	3	43	1§	18.51	......	5.25	8-9	0.0	13	8	16	7	s.	John Brown University
Springbank †	Miller	240	33	......	......	......	......	......	......	3.74	-0.79	1.57	30	0.0	9	13	2	16	......	Henry Field
Story	Montgomery	650	18	......	......	......	......	......	......	13.07	+8.00	3.90	8-9	0.0	8	9	8	14	s.	S. C. Story
Stuttgart	Arkansas	214	55	72.2	+ 2.3	91	2	51	21	4.90	+0.05	1.50	8	0.0	8	15	11	5	se.	Mrs. B. E. Swim
Stuttgart (near) ‡‡	Arkansas	198	7	72.8	......	91	2§	53	2§	3.30	......	1.20	8	0.0	7	......	......	......	......	University of Arkansas

Climatological Data for May, 1943 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	44	72.0	+ 2.1	93	2	51ª	21	11.98	+6.71	6.62	9–10	0.0	12	11	8	12	sw.	New Subiaco Abbey
Texarkana	Miller	332	58	74.2	+ 2.8	92	2	55	21	6.77	+2.17	1.99	22	0.0	11	10	10	11	sw.	U S. Weather Bureau
Turnpike†	Pope	2240	18	64.8		88	2	45	21	13.73	+3.33			0.0	16	9	4	18	sw.	U. S. Forest Service
Wabash	Phillips	179	3							3.24		1.18	10–11	0.0	6	2	23	6	s.	Farm Security Adm.
Waldron	Scott	675	23	71.2		93	2	49	25	12.16	+6.16	4.37	10	0.0	11	8	14	9	se.	Lavon Shoptaw
Warren	Bradley	206	48	75.8	+ 4.4	93	13	54	22§	4.56	−0.14	2.00	29	0.0	9	5	4	22	sw.	C. N. Turner
Whitecliffs	Little River	290	36							7.45	+3.07	1.80	31	0.0	7	7	5	19		L. M. Snead
White Rock†	Franklin	2285	6	65.0		86	2	46	21	14.07		4 60	8–9	0.0	11	8	8	15	se.	U. S. Forest Service
Wilson	Mississippi	237	17	72.2	+ 2.8	92	5	50	22§	4 76	−0.24	2.15	10–11	0.0	6	15	14	2	s.	D. O. Anderson
Wright	Jefferson	234	3	71.4		88	1§	52	1ª	5.01		1.67	10	0.0	11	20	7	4	nw	Farm Security Adm.
Wynne	Cross	167	34	71.4	+ 2 1	90	5§	49	21ª	4.57	−0.15	1.35	31	0.0	7	13	9	9	s.	B. M. Eddins
State Means				71.0	+ 1.8	95	2§	38	1§	7.89	+2.95	6.93	10–11	0.0	10	10	9	12	s.	

Daily Precipitation for May, 1943

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas									1.33	1.05	7.37	12				1.77				.68			.06		.40			.87		.40	.04	14.09
Alum Fork Reser.	Ouachita.							T.	.01	1.50	.74	.60				T.	.31				.82		.25	.52	T.		T.	.99		.25	1.53	.40	7.92
Arkadelphia[2]	Ouachita	.06							T.	.03	T.	.70					T.			T.	.50	.60		1.37	T.	.30			.20	T	.55	1 15	5.45
Arkansas City[2]	Mississippi								.17	.40		.80												.65	.25	.48			.05		T.	.71	3.51
Batesville Air'y.[1]†	White							.06	.03	1.81	5.36	T			T.			.09	T.	.30	.34		.14		.26			.64		.03	.17	.28	9.56
Batesville Livestk[1]	White									1.44	.82	6.50							T		.20	.09		.15		.14			.58		.06	.91	10.89
Batesville River[2]	White								.11	1.10	.95	5.19						T.	T		.29	.32		.18		.30			.68		.03	.15	9.30
Beaty Lake(near)	St. Francis							T.	T	1.26	.19	.91			T.				T.	T.	.08			.10	.46	.11	T.	.25			.10	1.67	5.13
Bee Branch	Arkansas							.40		3.00	1.70	1.00					.10			.40	.45		.15		.15			1.10			.25	.30	9.00
Beech Grove(near)	White									1.45	*	4.00		.80							1.50				.40						.30	.50	8.95
Beedeville[2]	White								.16	.61	.12	1.12									T	.16		.11		.38		T.	.67		.02	.46	3.81
Benton[2]	Saline									.70	.07	.65					.13				.53	.37		.89					.98		.25	1.18	5.75
Bentonville[1]‡	Arkansas							.18	1.56	5.78	4.04					.25	.06	.65	.21	2.18	.15		.11		.77			.75		.15	.05		16.89
Bethesda[2]	White.									1.45	.78	6.22					T.		T.		.34				.14	.18			.59		.06	.88	10.64
Big Lake Outlet[2]	St. Francis								.19	.25	.53	1.80	T		.47					T	T	.05		.07	.15	23			.42			.09	4.25
Black Rock[2]	White								25	.62	.27	3.76					.06				.51	1.60	.06			.22			.60			1.05	8.40
Bluff City..(near)	Ouachita								.98		.57									.09			.90		.25			.20		.22	1.12	.40	4.73
Blytheville[2]	St Francis								.10	.66	T.	1.73	T		.17	T					.03	.67			1.18	.66			.31			.03	4.94
Booneville (near)	Arkansas						T.		T.	1.65	5.60	.11					2.45		.02	T	.35		.11		.48			.90			.70	.04	12.41
Booneville[2]	Arkansas									2.00	1.03	5.12					1.50				.31			.04		.02			1.50		.68		12.20
Boughton[2]	Ouachita									1.30		.40												1.49		.48			.16		.30	1.03	5.16
Brinkley[1]	White							T.	T.	.35	.42	T.								T	.09		.12	.01	.11			.79		.06	.41	.35	2.71
Burdette	Mississippi.									.83	.33				.67					.16				.03	.91			.30				2.11	5.34
Calico Rock[2]	White							.03		1.85	1.45	3 25	.02							.03	1.05	.10		.10		.84		T.	.51		.87	.27	10.37
Camden	Ouachita								.06	1.06		.41												.59	.02	.26			.21		.45	.75	3.81
Camp Robinson[1]	Arkansas									.71	1.25					.01					.64		.47					.90		.07	.28	1.20	5.53
Carlisle[2]	Arkansas									.82		1.84					T					.30			.28	.15			1.00			.10	4.49
Clarendon[2]	White								.02	1.05		.38									.15	.03		.19	.01	.84			.55		.10	.38	3.70
Clover Bend	White									*	3.54	3.34					.25			.11	1.66			48				.48			*	.46	10.32
Cold Springs	Ouachita									.72	*	4.90					1.26				1.62			.16	.50				.62		1.63		11.41
Conway	Arkansas									2 39	.71	.04									.74		.14	.23	.11			.68	.02	.14	.35	1.02	6.57
Corning[2]	White								.19	.68	1.05	4.06			.85		.10			.05	.44	.30				.22			.40			.21	8.55
Cotter[2]	White	T								1.53	2.42	3.30									1.80	.30		.12	.29	.15		T.	.74		.42	.06	11.13
Crossett ..[near]	Ouachita								.12		.12	.55												.20		1.19				1.54	.03	.77	4.52
Danville[2]	Arkansas									1.34	.49	2.04					.12				.08	.39		.30		.25			.99		.43	.42	6.85
Dardanelle[2]	Arkansas									.92	.38	3.25					1.10				.09	.21		.26		.52			.86		.62	.83	9.04
Denmark[2]	White								.10	1.10	.65	2.16									.03	.29		.18	.02	.21			.90		.03	1.34	7.01
De Queen	Red							.13	.05	.09	.43										.87		.73						.27		1 19		3.76
Dermott[2]	Mississippi.								T.	.28														.44		.33				T.	.09	.48	1.62
Des Arc[2]	White.								T.	.75		1.25									T.	.55		.23		.09			.72		.11	1 13	4.83
Devils Knob	Arkansas								.10	2.80	4.31	T				.05	1.14			.31	.91		.04	.13	.18			1.89		.20	.53	.03	12.62
Dumas	Mississippi			T.					.12	1.75	.23	.38												.38	.40			.18	1.01	.26	.12	.61	5.44
Eagle Gap[2]	Arkansas						T.	T.		.35	1.55	2.60					2.15			.04	2.00			.11		.15		T.	.66		88	.34	10.83
El Dorado[2]	Ouachita								T.	.06		.67												1.02	.05	.02					.96	.66	3.44
Eleven Point[2]	White							.03		1.23	4.04	.88		.57	T.		.06		T.	.17	.88		T.	T.	.34		T.	.35			.20	.05	8.80
England	Arkansas								T.	.60	.10	1.81											.07	.46	.04			.98	.41	.20	.45		5.12
Eureka Springs	White								.43	4.30	4.40	.55			.04	.10	.07	.10	.05	1.30	.40			.12	.70			.70		.17	.45		13.88
Evening Shade[2]	White								.29	1.20	1.23	5.64									.28	1.67		.08		.59			.54		.03	.30	11.85
Fayetteville	White							T.	.32	3.51	5.80	.28		T.	T.	.12	.54	.04	.01	3.08	.16		.09	.11	.13		T	1.15		.24	.60		16.18
Fayetteville Exp. S	White.							T.	.27	3.12	5.54	.17				.04	.63	.04	.03	2.53	.24		.07	.08	.48		.07	.98		.16	.56		15.01
Fordyce	Arkansas								.34		.83												.30		.42			.41		.25	.17	.17	2.89
Forester[2]	Arkansas									1.00	.71	1 89									2.71			.30	.08				1.13		1.00	.17	8.99
Fort Smith[1]‡	Arkansas						T.	T.	2.96	3.18	3.93	T.		T	T.	1.30	.55	T.		.18	.65	T.	.01		.49		T.	.91		.35	.20		14.71
Fort Smith W.[2]	Arkansas									3 40	1.59	2.40					.39	T.	T	.72	.04		T.				T.	1.11		1.13	.23		11.01
Fulton[2]	Red							T.		.10		.25					T.	T.			T	.12		2.05		.22			.84		.60	1.25	5.43
Georgetown[2]	White									.60	.15	1.30										.40		.23		.20			.90		.15	.65	4.58
Gilbert[2]	White							02		2.37	1.85	3.80									1.17	.25		.12		.28			.65		.15	.17	10.83
Glenwood[2]	Ouachita							T.		.59		.49									3.25			1 09					.58		1.01	1.05	8 06
Grannis	Red							.05	.11	.30	.58					.10	.02		T.	T.	.56		.45					.78		.13	1.28	.02	4.38
Gravelly[2]	Arkansas									1.42		1.69									.93	.18		.24		.38			.88		.38		6.10
Gravette	Arkansas							.31	.64	5.30	3.55	.12					.32	.32	2.61	1.38	.21			.11	.47	.09		.92			.13		16.48
Green Forest[2]	White								.22	4.37	4.40	.34			.02	.01	.07	.09	.18	2.10	.24		.01		.71	.64	.01	.13	.01	.13	.30		13.98
Green Mountain	White.							T.	T.	2.00	4.20	.10								.50	.30			.10	.80			.45			.30	T.	8.75
Greenwood[2]	Arkansas									1.79	3.40	3.35					2.00			T.	.35				T	.37		.02	.72		.92	.07	12.99
Harrisburg[2]	St. Francis.								.60			.45										.15				.10			.40			.17	1.87
Harrison	White								.26	2.94	4.25	.43			T.	.26			.18	.72	1.19			.14	.55			1.05		.82	.18		12.97
Heber Springs[2]	White.									1.76	.53	4.36									.45			.28		.65			.97		.17	.51	9.68
Helena[2]	Mississippi									.46		1.34									.07			.18		1.24			.28			.19	3.76
Henderson[2]	White							.07	.20	1.10	1.92	3.50									1.50	.32			.34				.65		.20	.12	9.92
Highland	Ouachita										.45												1.30					.35		3.75	.15		6.00
Hope[2]	Red			T	T				T.	1 10		.49					.06	T.			T.	.02		1.31		.11			.34		.59	.79	4.81
Hot Springs	Ouachita							T		.70	1.05					T	.10				1.75		.75					1.02		.03	2 07	.07	7.54
Huttig[2](near)	Ouachita								T.	T.		.43												.68	T.	1.94					.19	.85	4.09
Index[2]	Red											.35												.80		1.10			1.60		1.50	T	5.35
Irons Fork[2]	Ouachita									1.03	.41	1.22					1.27		.02		1.45			.25		.12			.58		1.15	.53	8.03
Jessieville	Ouachita									2.45	.65	T.					1.37				3.25		*	1.28				.63			*	2.33	11.96
Jonesboro[2]	White								T.	.47	.30	.60									02	.09		.05		.85			.56		02	.41	3.87
LaCrosse[2]	White									1.70	.89	4.90									1.20	T.				.97			.52		.22	.44	10.84
Lake City[2]	St. Francis.									50	.52	.50										.50				.52		.51				.63	3.68

Daily Precipitation for May, 1943 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Lead Hill	White	....	....	....	....	....	....	....	.04	2.98	3.96	.18	....	....	T.	.01	....	....	T.	1.69	.36	....	.02	.08	.56	....	....	.77	....	1.50	.09	....	12.24
Little Rock[1]‡	Arkansas	....	....	....	....	....	....	T.	.45	.62	.35	T.	....	....	....	.01	.01	.01	....	T	.63	....	.30	T.	.09	....	T.	1.15	T.	.04	.34	.41	4.41
Lutherville	Arkansas	....	....	....	....	....	....	.05	.12	2.44	6.93	....	....	.05	....	....	T.	....	....	.58	.68	....	.12	.08	.42	....	....	.68	....	.60	.93	....	13.68
Madison[2]	St. Francis	....	....	....	....	....	....	....	....	.80	.04	1.20	....	....	....	....	....	....	....	....	.39	....	....	....	....	.41	....	....	.35	....	.15	.75	4.00
Magnolia	Red	....	....	....	....	....	....	.03	....	....	.60	....	....	....	....	....	....	....	....	....	....	....	.33	.29	....	....	....	.06	....	.07	.86	1.47	3.71
Mammoth Spg[2]	White	....	....	....	....	....	....	....	T.	.76	1.40	3.50	....	....	....	....	....	....	....	....	.52	.53	....	.08	....	.25	....	....	.42	....	....	.17	7.63
Marianna[2]	St. Francis	....	....	....	....	....	....	....	....	3.00	....	.70	....	....	....	....	....	....	....	....	.72	....	....	.28	....	.27	....	....	.35	....	....	.75	6.07
Marked Tree[2]	St. Francis	....	....	....	....	....	....	....	.47	.50	62	2.03	....	....	.04	....	....	....	....	....	....	....	....	.06	....	.16	....	....	28	....	....	.23	4.39
Marshall[2]	White	....	....	....	....	....	....	....	....	2.45	2.40	4.70	....	....	....	....	.07	....	....	....	.92	05	....	.19	....	.24	....	....	.82	....	.45	.81	13.10
Marvell[2]	White	....	....	....	....	....	....	....	....	1.24	.50	.69	....	....	....	....	....	....	....	....	....	T.	....	.25	T.	.19	....	....	.21	....	.70	.24	4 02
Mena[2]	Ouachita	....	....	....	....	....	....	....	....	.22	.24	.96	....	....	....	....	1.77	T	....	.01	.60	T.	....	.17	....	.05	....	....	.67	....	.86	25	5.80
Monticello[1]‡	Ouachita	....	....	....	....	....	....	....	.01	....	.32	....	....	....	....	....	....	T.	....	....	....	....	.33	.02	T.	....	....	.01	....	.10	.49	.08	1.36
Morobay[2] (near)	Ouachita	....	....	....	....	....	....	....	.24	....	....	.26	....	....	....	....	....	....	....	....	....	....	....	.51	.04	....	....	....	....	.22	.35	.92	2.54
Morrilton[2]	Arkansas	....	....	....	....	....	....	....	....	1.38	.75	....	....	....	....	....	.45	....	....	....	.30	.40	....	.28	....	.25	....	....	.95	....	.95	.47	6.18
Mountainburg	Arkansas	....	....	....	....	....	....	....	.15	3.86	4.33	....	....	....	....	....	.42	.02	....	.31	.52	....	.07	.04	....	....	....	1.59	....	.21	1.26	....	12.78
Mountain Home	White	....	....	....	....	....	....	T.	T.	1.90	4.60	.15	....	....	....	....	....	....	....	.72	1.00	....	....	.03	.50	....	....	.60	....	.40	.11	....	10.01
Mountain Valley	Ouachita	....	....	....	....	....	....	....	....	1.46	.50	....	....	....	....	....	.71	....	....	....	1.89	....	.65	....	....	....	....	1.20	....	....	2.40	....	8.81
Mtn. View[2](near)	White	....	....	....	....	....	....	....	T.	1.42	1.57	3.27	....	....	....	....	.14	....	....	....	.13	.60	....	....	.11	.24	....	....	.49	....	.13	.28	8.38
Mount Ida	Ouachita	....	....	....	....	....	....	.03	.31	4.40	1.39	....	....	....	....	....	.37	....	....	....	1.57	....	.64	.04	.09	....	....	.73	....	....	1.99	....	11.56
Mulberry[2]	Arkansas	....	....	....	....	....	....	....	....	2.01	3.32	2.83	....	....	....	....	.50	....	.02	....	1.30	.35	....	.11	.17	.21	....	....	1.65	....	1.72	.28	14.47
Nashville	Red	....	....	T.	....	....	....	T.	T.	T.	.82	....	....	....	....	T.	....	....	....	....	.04	....	1.13	....	T.	....	....	.31	01	2.21	2.97	.04	7.53
Newhope(near)[2]	Ouachita	....	....	....	....	....	....	.21	....	.22	.05	.75	....	....	....	....	.06	....	....	1.40	....	....	....	1.00	....	....	....	....	.45	....	2.00	.80	6.94
Newport[2]	White	....	....	....	....	....	....	....	.32	.75	1.15	2.25	T.	....	....	....	....	T.	....	....	....	.15	....	.10	....	.13	....	T.	.73	....	T.	.73	6.31
Nimrod Dam	Arkansas	....	....	....	....	....	....	....	....	1.71	1.74	....	....	....	....	....	....	....	....	.13	.91	....	.31	.13	.11	....	....	.97	....	....	1.16	....	7.17
Odell (near)[2]	Arkansas	....	....	....	....	....	....	....	....	4.15	4.96	1.92	....	....	....	....	.44	.05	.03	.70	.76	....	....	.12	.59	....	....	.88	.03	....	.86	.11	15.60
Oden	Ouachita	....	....	....	....	....	.02	....	....	1.92	1.58	....	....	....	....	1.25	....	....	....	1.21	....	....	.79	....	....	....	....	.52	....	....	1.10	....	8.39
Okay	Red	....	....	....	....	....	....	.02	.15	....	.38	....	....	....	....	....	....	....	....	T	.10	....	1.42	.15	.40	....	....	.26	.39	.04	1.94	.21	5.46
Osceola[2]	Mississippi	....	....	....	....	....	....	....	.11	.04	.51	2.39	.01	....	.06	....	....	....	....	....	.09	.22	....	.04	.03	.09	....	....	.31	....	....	.12	4 02
Ozark[1]	Arkansas	....	....	....	....	....	....	....	....	3.92	1.63	3.15	....	....	....	....	.46	....	....	....	.32	.06	....	.24	....	.49	....	....	1.56	....	.78	.02	12.63
Paragould	St. Francis	....	....	....	....	....	....	.20	T	.95	1.66	1.27	.01	.03	....	....	....	....	....	.12	.27	....	....	....	.17	....	....	.46	....	....	.14	.34	5.62
Parkin[2]	St. Francis	....	....	....	....	....	....	....	.22	.67	....	2.00	....	....	....	....	....	....	....	....	....	....	....	.12	....	.30	....	....	.35	....	....	.42	4.08
Perryville	Arkansas	....	....	....	....	....	....	....	....	2.25	1.40	....	....	....	....	....	....	....	....	T	.80	....	.42	....	.09	....	....	1.12	....	.37	.63	....	7.08
Pine Bluff[2]	Arkansas	....	....	....	....	....	....	....	.01	1.64	....	.97	....	....	....	....	....	....	....	....	.01	T.	....	.74	.01	1.08	....	....	.16	....	.71	.90	6.23
Pine Ridge[2]	Ouachita	....	....	....	....	....	....	....	....	1.92	.54	1.67	....	....	....	....	1.44	....	....	....	1.59	....	....	.47	....	.09	....	....	.73	....	.82	.81	10.08
Pocahontas	White	....	....	....	....	....	....	.15	....	1.06	3.19	.68	....	.46	....	....	.08	....	....	.10	.59	....	....	.02	.25	T.	....	.39	....	....	.06	.45	7.48
Portland[2]	Ouachita	....	....	....	....	....	....	....	.10	.10	....	.70	....	....	....	....	....	....	....	....	....	T.	....	.63	.23	.22	....	....	T	....	.45	1.25	3.68
Prescott[2]	Ouachita	....	....	....	....	....	....	....	....	.86	....	.44	....	....	....	....	.03	....	....	....	T	T	....	1.45	....	.21	....	....	.23	....	.95	.93	5.10
Rogers	White	....	....	....	....	....	....	.06	.53	6.14	6.21	.15	....	T	....	.17	.37	.45	.12	2.20	.22	....	.06	.20	.85	.02	.04	.87	....	.14	.23	....	19.03
Rosebud	Arkansas	....	....	....	....	....	....	T.	T	2.80	2 06	.46	....	....	....	....	.14	.07	....	....	.77	....	.34	....	.34	....	....	.74	....	.47	.94	.56	9.69
Russellville	Arkansas	....	....	....	....	....	....	....	....	1.60	2.00	....	....	....	....	....	.33	....	....	....	.65	....	*	.21	.36	....	....	.69	....	.40	.78	....	7.02
St. Charles[2]	White	....	....	....	....	....	....	....	....	.66	....	.65	....	....	....	....	....	....	....	....	.98	....	....	.33	....	.43	....	....	.28	....	.09	.83	4.25
St. Francis[2]	St. Francis	....	....	....	....	....	....	....	.30	.42	.52	4.57	....	....	.09	....	.05	....	....	.20	.45	.28	....	.04	....	.10	....	....	.42	....	....	....	7.44
St. Paul[2](near)	White	....	....	....	....	....	....	....	....	4.65	2.35	2.00	....	....	....	....	.65	.10	....	1.43	....	....	....	.13	....	....	....	....	1.08	....	1.65	.10	14.14
Searcy[2]	White	....	....	....	....	....	....	....	.05	.92	.78	1.43	....	....	....	....	....	....	....	....	T	.41	....	.17	T.	.30	....	....	.72	....	.09	1.34	6.21
Sheridan (near)	Ouachita	....	....	....	....	....	....	T.	.59	.47	....	1.02	....	....	....	....	.02	.03	....	.06	1.04	....	.20	.26	.15	....	....	.78	....	.20	.27	.39	5.48
Shirley[2](near)	White	....	....	....	....	....	....	....	....	1.79	1.12	4.34	....	....	....	....	.11	....	....	T.	.61	....	....	.15	....	.27	....	....	1.48	....	.61	.25	10.73
Siloam Springs	White	....	....	....	....	....	....	....	.60	5.25	4.20	....	....	....	T.	.05	.61	.08	.21	2.07	1.65	....	.06	T.	2.26	....	T.	1.27	....	T.	.20	....	18.51
Sparkman[2] (near)	Ouachita	....	....	....	....	....	....	.03	....	.10	.22	....	....	....	....	....	....	....	....	....	.06	....	.60	.11	.13	....	....	.33	....	.14	.32	.32	2.36
Springbank[2]	Red	....	....	....	....	....	....	....	.06	.05	T	.25	....	....	....	....	....	....	....	....	....	.15	T.	.94	....	.39	....	....	.18	T	.15	1.57	3.74
Stamps[2](near)	Red	....	....	....	....	....	....	....	T.	....	....	.55	....	....	....	....	T.	....	....	....	.25	....	*	.58	....	.15	....	*	.30	.25	1.50	1 25	4.83
Stephens[2] (near)	Ouachita	....	....	....	....	....	....	....	....	.14	....	....	....	....	....	.60	....	....	....	....	....	....	....	1.40	....	....	....	.40	.60	.20	1.25	....	4.59
Story[2]	Ouachita	....	....	....	....	....	....	....	....	3.01	.89	1.97	....	....	....	....	.46	....	....	....	2.08	....	....	....	....	....	....	1.20	....	2.96	....	.50	13.07
Stuttgart[2]	Arkansas	....	....	....	....	....	....	....	....	1.50	....	.33	....	....	....	....	....	....	....	....	.12	....	....	.35	....	.55	....	....	.40	....	.85	.80	4.90
Stuttgart Evap.[2]	Arkansas	....	....	....	....	....	....	....	....	1.20	....	.11	....	....	....	....	....	....	....	....	....	....	....	.17	....	.49	....	....	.25	....	.37	.71	3.30
Subiaco	Arkansas	....	....	....	....	....	....	....	.37	1.23	6.62	.14	....	....	....	....	.66	....	....	....	.17	....	.10	.03	.40	....	....	1.16	....	T.	1.08	.02	11.98
Sugar Grove[2]	Arkansas	....	....	....	....	....	....	....	....	1.50	1.32	4.03	....	....	....	....	1.10	....	....	....	.70	....	....	.14	....	.35	....	....	.61	....	2.35	.20	12.30
Texarkana[1]	Red	....	....	....	....	....	.09	.02	T	T.	.56	....	....	....	....	T.	.01	....	....	T	.24	....	1.99	....	1.25	....	....	.40	T	.46	1.66	.09	6.77
Tichnor[2]	White	....	....	....	....	....	....	....	....	.51	.08	.60	....	....	....	....	....	....	....	....	.23	....	....	.44	.03	.64	....	....	.16	....	.09	.71	3.49
Turnpike	Arkansas	....	....	....	....	....	....	.13	.08	2.05	*	7.27	....	....	....	.13	.48	....	....	.38	.43	....	.12	.07	.39	....	.01	1.37	....	.13	.63	.06	13.73
Viola	White	....	....	....	....	....	....	....	....	1.06	1.38	3.47	....	....	....	....	....	....	....	....	.72	.40	....	05	.33	....	....	.60	....	....	.45	.46	8.92
Wabash	Mississippi	....	....	....	....	....	....	....	.48	*	*	1.18	....	....	....	....	....	....	....	....	....	....	....	.22	....	.82	....	....	....	....	....	.54	3.24
Waldron	Arkansas	....	....	....	....	....	....	....	.14	.80	4.37	....	....	....	....	....	2.19	....	....	*	2.97	....	.12	....	.30	....	....	.56	....	.06	.65	....	12.16
Walnut Grove(nr)	White	....	....	....	....	....	....	.22	.41	1.05	3.75	1.29	....	....	....	....	....	....	....	.39	.56	....	....	.10	.16	....	....	.55	....	....	.18	.57	9.23
Warren	Ouachita	....	....	T	....	....	....	....	T.	.03	03	.13	....	....	....	....	....	....	....	....	....	....	T.	.60	.12	....	....	.12	....	2.00	.50	1.03	4.56
Whitecliffs[2]	Red	....	....	T.	....	....	....	T.	....	.45	1.60	....	T.	....	....	....	....	....	....	....	.15	....	....	1.75	....	....	....	....	1.60	....	.10	1.80	7.45
White Rock	Arkansas	....	....	....	....	....	....	....	....	4.60	3.80	.04	....	....	....	T.	.42	....	....	.31	.90	....	.06	T	.33	....	....	1.41	....	.28	1.92	....	14.07
Wilson[2]	Mississippi	....	....	....	....	....	....	....	1.20	.30	....	2.15	....	....	....	....	....	....	....	....	.43	....	....	....	....	....	....	....	.58	....	....	.10	4 76
Wright	Arkansas	....	....	....	....	....	....	.89	....	.41	.07	1.60	....	....	....	....	....	....	....	02	.29	....	....	....	.38	....	....	.70	....	.31	.27	.07	5.01
Wynne[2]	St. Francis	....	....	....	....	....	....	....	.70	.62	....	.72	....	....	....	....	....	....	....	....	.40	....	....	....	....	.35	....	....	.43	....	....	1.35	4.57

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for May, 1943

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda.....§§	Evap.	.286	.256	.362	.305	.334	.454	.292	.199	....	.120	....	.213	.200	.267	.103	.315	.148	.263	.147	.277	.061	.217	.031	.256	.120	.296	.210	.078	.218	.074	.578	6.680
	Mean tem.	57	69	72	65	72	77	75	68	63	66	64	64	68	62	69	70	78	76	74	70	60	62	66	64	66	66	68	69	73	73	76	68.5
	Wind move	69	58	92	32	72	141	104	99	83	49	92	45	54	72	37	137	67	76	27	41	69	46	48	22	48	57	41	34	27	69	35	1943
Hope, ...§§ Exp. Farm	Evap.	.307	.219	.287	.223	.240	.335	.216	.085	.167	.195	.163	.210	.192	.229	.149	.204	.214	.235	.172	.161	.121	.220	.090	.058	.160	.234	.258	.065	.155	.119	.132	5.815
	Mean tem.	68	74	76	76	76	75	72	76	77	74	70	72	72	74	74	78	79	78	78	75	64	61	65	70	68	70	66	77	76	76	78	73.0
	Wind move	61	31	61	14	21	65	64	43	31	43	109	54	15	37	21	61	43	38	21	35	54	42	53	21	54	32	40	29	22	20	42	1277
Irons Fork... §§ Exp. Forest	Evap.	.339	.206	.249	.257	.248	.310	.126	.090	.167	.040	.077	.079	.169	164	.135	....	.242	.083	.153	....	.071	.170	.019	.052	.090	.204	.072	....	.234	....	.024	4.069
	Mean tem.	64	72	70	77	74	73	70	66	66	64	64	64	71	68	70	73	76	72	73	64	60	58	62	64	62	62	65	70	74	70	72	68.1
	Wind move	1	3	11	3	3	25	11	8	2	5	8	3	1	1	3	9	6	5	1	1	3	2	1	0	2	2	1	0	1	0	2	124
Russellville....	Evap.	.272	.238	.296	.332	.294	.249	.195	.088	.164	....	....	....	.168	.062	.352	.042	.261	.161	.104	.163	.110	*	.281	*	.332	.197	*	.311	....	....	....	4.672
	Mean tem.	64	72	....	....	....	....	74	72	66	70	68	....	74	74	76	76	80	78	74	77	64	64	66	67	66	68	72	71	76	73	78	72.2
	Wind move	....	35	25	41	51	42	28	48	53	40	58	18	23	51	45	12	28	16	23	30	48	28	9	15	28	16	13	20	13	15	21	893
Stuttgart, ...§§ Rice Exp.Farm	Evap.	.220	.255	.412	.175	.307	.348	.338	.356	.138	.185	.193	.138	.181	.268	.113	.412	.154	.288	.263	.215	.156	.222	.163	.066	.114	.233	.269	.041	.143	.231	.087	6.684
	Mean Tem.	64	72	74	72	76	76	76	76	72	72	68	70	76	70	73	78	80	80	80	76	64	66	68	70	68	69	70	73	76	76	78	72.8
	Wind move	75	137	31	38	71	150	177	124	135	34	209	110	68	81	43	270	62	97	63	79	49	46	65	18	45	42	72	56	24	46	100	2622

Daily Temperatures for May, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	87	90	90	86	88	84	81	80	75	75	73	83	88	87	83	87	85	81	82	81	73	73	73	78	78	83	84	83	87	79	86	82.0
	Minimum	54	55	67	56	60	65	68	64	59	63	59	51	62	60	67	62	70	61	65	61	55	56	55	56	60	51	58	65	65	67	66	60.8
Arkadelphia §§	Maximum	90	92	89	90	91	87	84	86	85	83	83	85	89	88	88	89	88	87	88	83	88	83	88	87	83	87	83	88	86	82	88	86.7
	Minimum	55	55	59	57	59	63	66	65	62	63	60	55	58	62	62	70	70	68	67	66	53	56	56	58	55	53	55	64	68	68	67	61.1
Batesville ***	Maximum	73	94	88	83	91	87	82	72	77	80	74	80	87	72	84	84	87	84	88	80	74	74	74	77	80	75	72	81	88	79	88	81.3
	Minimum	50	52	60	55	59	70	65	57	55	60	56	53	61	56	63	73	69	70	68	55	49	54	60	57	54	50	62	60	59	68	70	59.7
Bee Branch	Maximum	73	89	90	85	88	85	79	67	74	72	72	77	82	83	81	84	84	82	82	75	75	75	72	75	73	83	80	82	85	77	85	79.5
	Minimum	49	47	58	53	52	63	72	56	54	58	55	47	57	54	62	66	67	62	61	61	46	51	53	53	51	46	54	56	56	64	63	56.4
Benton §§	Maximum	84	91	87	87	89	84	78	83	81	78	75	82	88	83	83	86	86	84	83	77	73	74	74	82	80	84	76	83	86	86	86	82.4
	Minimum	54	53	48	52	54	57	64	61	60	59	60	50	50	57	60	61	67	65	64	64	49	50	54	53	50	47	49	60	61	62	64	56.7
Bentonville ***	Maximum	75	92	82	88	88	74	83	54	61	62	67	80	63	77	78	84	84	80	75	64	68	64	69	68	73	85	74	80	84	77	84	75.4
	Minimum	47	62	57	60	67	62	49	45	51	54	52	48	52	52	54	57	64	61	60	50	46	56	55	57	57	55	60	57	65	65	65	56.3
Bluff City	Maximum	89	92	89	92	92	89	85	85	87	85	79	86	90	89	90	91	90	88	87	85	77	73	75	86	80	88	86	87	86	82	88	86.1
	Minimum	56	59	62	63	62	67	69	65	66	70	61	56	63	63	65	69	69	68	69	68	53	56	57	57	56	58	65	67	69	68	67	63.3
Blytheville	Maximum	71	90	84	79	93	89	83	79	79	83	72	79	85	70	85	84	88	87	88	78	69	75	76	75	79	83	75	79	83	83	89	81.2
	Minimum	48	52	60	54	59	69	68	67	55	69	61	61	62	55	63	71	71	71	70	65	54	53	61	62	57	53	63	57	59	69	62	61.3
Booneville (near).	Maximum	76	94	92	92	91	88	85	80	72	72	77	85	83	82	81	85	86	83	80	79	76	72	72	75	80	85	84	86	84	79	87	82.0
	Minimum	51	58	61	63	65	70	62	58	59	61	56	52	62	58	70	65	72	70	68	64	50	58	55	57	52	52	62	64	69	67	67	61.2
Brinkley ***	Maximum	73	91	87	83	91	86	84	89	84	86	79	82	90	78	87	88	88	91	89	82	74	79	75	80	82	87	76	82	88	82	88	83.9
	Minimum	51	49	64	57	63	68	63	64	57	65	56	52	59	59	66	70	70	69	67	57	51	49	61	59	54	49	61	62	60	69	70	60.4
Camden.	Maximum	80	92	92	94	92	91	83	89	88	86	79	88	92	90	89	89	91	91	90	80	77	73	77	88	82	88	75	89	86	81	87	86.1
	Minimum	55	54	61	57	62	63	69	66	66	71	62	55	61	62	63	72	71	75	66	70	54	60	60	57	56	51	67	67	67	69	68	63.1
Camp Robinson ***	Maximum	94	93	87	86	92	86	87	82	78	80	73	80	91	79	86	86	88	87	84	77	72	74	74	82	79	85	78	83	88	80	88	83.2
	Minimum	55	53	63	57	60	59	58	57	57	57	64	56	61	58	66	69	69	68	66	57	52	56	58	56	56	52	52	51	50	48	47	57.7
Clover Bend	Maximum	72	91	89	90	92	87	85	75	76	81	74	80	88	80	82	85	88	84	83	89	70	73	71	82	77	84	83	80	88	80	87	81.8
	Minimum	56	45	65	51	58	66	62	61	58	68	58	50	56	58	68	52	67	66	67	61	54	53	57	56	58	52	50	52	58	65	65	58.5
Conway	Maximum	75	92	91	85	92	87	82	78	75	80	76	83	89	83	86	90	89	85	83	78	76	72	74	76	82	87	80	84	87	76	90	82.7
	Minimum	53	52	59	55	62	68	69	64	59	62	60	53	63	60	67	72	70	69	67	68	53	56	59	57	55	53	62	64	63	69	68	61.6
Corning	Maximum	70	91	89	80	92	86	83	80	76	82	77	80	84	68	84	80	87	85	84	75	73	74	78	75	78	83	80	81	89	81	87	81.0
	Minimum	51	51	61	51	56	71	69	65	54	63	62	61	62	53	59	69	70	71	67	64	54	54	61	60	53	50	62	58	55	64	69	60.3
Crossett	Maximum	84	92	92	91	91	89	88	82	88	87	82	84	91	90	86	86	89	90	91	89	80	76	82	90	82	87	86	92	89	88	90	87.2
	Minimum	54	52	56	57	59	62	67	63	64	68	61	62	56	59	65	70	67	63	66	65	58	54	60	55	58	55	57	67	67	68	68	61.4
Dardanelle	Maximum	77	95	92	88	93	91	85	82	74	75	75	84	83	81	85	84	87	87	83	80	77	76	72	78	80	85	84	82	84	75	89	82.7
	Minimum	56	53	62	60	59	68	66	63	59	62	58	52	65	62	68	65	73	69	67	65	52	59	58	60	54	54	63	63	66	68	67	61.8
De Queen	Maximum	82	90	89	89	88	85	80	79	81	77	80	84	85	86	83	86	85	83	85	83	76	70	64	79	83	83	79	78	79	75	..	81.6
	Minimum	56	57	58	63	60	66	62	63	68	66	58	55	61	62	60	70	72	68	66	61	50	56	57	56	51	51	56	55	57	54	..	59.8
Des Arc	Maximum	81	90	91	85	91	90	85	85	84	84	79	85	89	89	85	85	87	89	85	80	79	75	73	84	80	85	85	82	85	77	88	84.3
	Minimum	51	56	63	57	63	68	68	67	56	70	62	54	64	58	66	72	72	69	67	65	55	56	62	61	56	54	65	61	63	69	69	62.6
Devils Knob	Maximum	70	87	83	77	81	80	76	67	63	63	66	74	73	72	75	76	75	78	72	67	67	64	66	67	71	76	73	75	79	68	79	73.0
	Minimum	48	54	60	57	63	61	60	49	53	56	51	52	61	55	63	62	65	65	61	53	46	51	52	56	51	57	58	57	62	62	61	56.8
Dumas	Maximum	77	91	89	93	95	92	87	87	87	85	78	81	93	86	88	89	93	92	94	89	78	80	78	90	82	89	80	83	88	86	80	86.6
	Minimum	59	54	54	59	62	66	69	69	64	71	63	57	62	61	70	71	61	68	69	69	56	54	61	61	59	54	62	69	67	68	69	63.2
El Dorado	Maximum	90	92	92	93	92	89	83	89	89	84	80	87	92	90	89	89	91	91	93	85	82	81	79	91	82	90	86	93	87	85	89	87.9
	Minimum	57	58	64	63	64	68	69	68	69	72	62	58	63	65	67	67	70	71	76	71	57	57	58	60	59	56	66	71	70	70	67	64.8
England	Maximum	71	87	84	82	80	78	76	77	78	75	72	73	81	78	79	82	81	84	91	72	73	71	68	71	80	81	78	80	81	84	84	78.5
	Minimum	54	52	61	54	59	55	66	65	58	65	56	51	61	57	56	69	69	66	66	64	50	51	58	55	50	49	58	63	64	67	70	59.3
Eureka Springs	Maximum	76	90	88	86	87	84	81	78	63	61	63	81	76	71	79	82	80	79	78	74	68	65	69	70	74	81	76	79	83	77	83	76.8
	Minimum	47	59	57	57	65	67	61	46	50	57	52	48	56	52	62	59	63	65	60	56	46	55	54	57	50	59	59	55	64	64	65	57.0
Fayetteville	Maximum	77	89	86	86	87	81	83	78	66	62	70	81	78	78	77	82	80	83	80	74	69	65	73	69	76	83	77	83	82	77	84	77.9
	Minimum	49	61	60	61	67	67	61	47	53	58	52	49	56	54	67	59	69	66	64	56	47	56	55	58	49	55	60	57	66	65	66	58.4
Fayetteville Exp. S	Maximum	77	90	88	86	88	85	82	80	65	62	68	79	76	76	76	81	80	82	80	77	67	65	70	70	74	82	75	82	81	78	83	77.6
	Minimum	46	61	56	56	66	67	59	46	52	58	52	48	58	54	67	58	70	65	62	55	46	57	55	57	48	55	59	56	65	65	67	57.6
Fordyce	Maximum	84	93	91	93	92	89	80	85	88	82	79	86	91	88	85	88	92	88	90	90	89	79	75	88	82	87	78	80	79	86	88	86.0
	Minimum	46	54	61	58	64	64	66	64	63	67	58	53	62	60	66	69	68	68	67	67	60	51	58	57	53	54	63	65	54	63	66	60.9
Fort Smith ***	Maximum	75	93	86	91	90	80	84	65	69	66	70	84	66	79	78	85	86	84	81	72	74	67	73	72	77	83	81	85	80	81	88	78.9
	Minimum	54	60	69	65	65	72	65	54	59	60	57	56	60	59	69	66	75	67	70	59	54	61	58	62	59	59	63	65	69	69	68	62.8
Gilbert §§	Maximum	85	92	86	85	92	88	83	70	73	72	68	80	78	82	85	84	85	87	75	70	70	72	75	73	80	84	75	86	88	84	86	80.4
	Minimum	47	43	43	47	54	68	64	53	53	60	56	50	52	51	51	55	60	72	62	62	46	46	51	53	48	46	46	58	55	60	59	53.9
Grannis	Maximum	86	90	89	89	88	82	80	80	83	75	74	84	87	85	81	85	86	79	87	76	76	65	73	81	82	85	80	86	84	78	85	82.0
	Minimum	54	52	59	59	57	64	58	60	61	61	59	59	59	57	65	67	68	67	63	60	48	53	53	54	51	50	61	61	65	65	63	59.1
Gravette	Maximum	77	74	90	86	87	82	81	75	75	62	67	79	77	77	76	81	82	78	78	73	69	66	69	71	75	81	79	83	81	77	84	77.2
	Minimum	47	38	60	60	65	66	59	44	51	58	52	49	54	52	64	52	62	59	60	55	45	55	55	57	44	52	58	58	64	65	65	55.6
Green Mountain	Maximum	72	92	85	87	83	88	84	78	70	70	70	80	86	69	80	80	85	85	86	70	70	74	72	73	74	92	75	82	90	75	88	79.2
	Minimum	49	57	65	56	66	65	65	54	52	56	54	60	53	52	59	55	53	64	66	59	47	55	55	57	51	60	62	56	69	65	65	58.1
Harrison	Maximum	75	91	87	87	89	87	83	80	69	69	66	82	79	69	82	83	81	84	79	76	71	71	72	70	75	84	79	81	87	80	85	79.1
	Minimum	44	57	55	51	66	69	65	50	54	59	55	49	63	54	62	62	72	70	63	58	47	53	57	56	49	50	60	56	59	65	67	58.0
Helena	Maximum	74	89	88	74	82	88	85	86	83	85	73	78	85	84	83	85	86	88	89	85	77	75	76	78	77	81	80	78	87	83	84	82.1
	Minimum	54	56	63	59	64	68	69	66	57	66	61	54	63	57	68	71	70	71	72	68	54	51	60	61	57	54	63	63	65	68	69	62.6
Highland	Maximum	85	84	82	87	85	81	77	80	82	78	79	81	84	81	80	84	85	84	84	79	76	69	69	79	77	82	78	83	86	83	81	80.6
	Minimum	53	52	53	61	59	63	61	62	63	67	57	54	61	54	66	67	69	64	67	64	49	54	54	55	54	53	61	63	63	64	63	59.7
Hope §§	Maximum	78	92	92	92	91	86	76	86	88	80	80	87	88	87	84	88	89	89	88	80	77	65	75	84	83	87	77	89	85	84	89	84.4
	Minimum	57	57	60	59	61	64	67	65	66	68	59	56	57	62	63	69	69	67	67	70	51	56	55	56	54	53	56	65	67	68	67	61.6
Hot Springs	Maximum	82	91	89	90	91	87	78	84	81	74	77	85	89	86	85	88	88	86	87	84	78	70	73	82	81	85	81	87	84	78	85	83.4
	Minimum	56	58	67	61	65	67	68	64	60	69	58	55	61	61	67	70	69	69	69	61	51	57	54	60	55	57	63	65	67	66	67	62.5
Irons Fork §§	Maximum	77	91	89	90	88	80	79	74	74	70	75	84	86	83	80	84	85	80	81	66	76	64	72	76	80	81	75	84	83	75	80	79.4
	Minimum	51	52	52	64	60	65	61	59	58	59	54	45	56	54	61	62	68	63	65	62	43	51	53	51	43	44	55	56	65	65	64	56.8
Jonesboro	Maximum	72	90	88	82	90	88	83	80	78	84	71	80	88	84	85	86	88	86	88	79	71	75	76	73	79	85	82	79	88	84	87	82.2
	Minimum	51	50	62	56	58	69	68	65	53	65	60	61	62	55	61	70	70	71	69	66	53	55	59	61	56	57	61	55	59	69	68	61.1
Lead Hill	Maximum	74	94	89	86	92	85	85	78	69	64	66	80	79	67	83	84	85	84	80	76	70	71	71	71	77	84	76	80	86	81	87	79.2
	Minimum	38	59	49	49	55	61	62	52	54	58	56	45	60	54	62	61	73	69	64	60	44	51	58	55	45	47	60	54	57	66	64	56.2
Little Rock ***	Maximum	73	92	86	87	91	85	80	83	78	83	74	80	90	79	84	85	87	85	85	77	72	74	74	83	80	86	77	82	84	81	87	82.1
	Minimum	57	56	66	58	63	67	68	63	60	64	62	56	63	60	70	73	71	71	69	58	56	58	61	58	60	56	64	64	66	70	70	63.2
Lutherville	Maximum	72	92	90	82	90	83	80	72	73	70	71	80	76	80	82	83	83	81	77	73	71	71	72	74	77	82	77	82	84	74	86	78.7
	Minimum	50	53	64	60	59	67	63	58	57	60	55	63	62	59	65	65	71	68	64	60	49	63	55	62	66	51	60	58	62	65	64	60.6
Magnolia	Maximum	87	93	93	92	93	88	81	88	91	90	79	88	93	88	87	89	91	90	90	85	80	75	80	90	82	89	85	93	86	83	85	87.2
	Minimum	59	58	60	62	64	67	68	66	67	70	60	58	60	63	69	71	70	68	68	71	56	58	60	58	54	63	65	68	70	69	72	64.3
Mammoth Spring.	Maximum	82	94	87	82	92	89	87	76	75	75	68	81	85	71	85	82	86	88	85	75	75	75	75	75	76	84	78	80	87	82	88	81.3
	Minimum	53	52	56	56	52	70	68	58	51	61	56	59	61	53	60	70	70	69	68	64	57	51	59	59	49	47	60	55	53	66	68	59.1
Marianna §§	Maximum	91	87	83	93	89	87	88	83	83	75	80	86	78	83	85	88	90	90	81	72	77	75	78	79	84	75	81	88	83	85	85	83.3
	Minimum	55	53	64	57	61	65	68	66	56	59	62	60	60	57	59	68	70	70	70	69	54	51	57	60	57	53	59	62	61	68	68	61.3
Marked Tree §§	Maximum	72	90	84	81	92	87	85	81	80	84	72	78	86	73	84	87	88	90	99	81	71	77	77	75	80	84	74	89	89	84	86	82.3
	Minimum	53	53	56	53	57	61	69	65	53	54	60	61	61	55	57	70	70	72	69	66	53	54	60	60	56	54	62	58	63	68	66	60.3
Mena	Maximum	81	90	91	90	88	88	81	74	75	74	77	85	87	87	80	85	85	79	87	75	75	67	75	77	81	84	80	88	83	75	87	81.6
	Minimum	55	54	62	62	63	65	60	60	60	60	55	50	60	57	67	61	70	67	65	64	48	55	55	56	52	54	64	61	67	66	65	60.0
Monticello ***	Maximum	76	91	89	89	92	88	84	84	87	83	79	84	92	87	86	87	89	90	93	88	78	79	76	91	81	87	83	86	89	86	88	82.6
	Minimum	59	60	63	61	65	63	68	68	64	64	62	59	66	63	67	70	67	65	71	63	54	52	61	60	57	55	62	69	67	69	69	63.3
Morrilton §§	Maximum	72	94	85	84	89	85	80	75	72	77	73	82	81	74	80	84	84	79	82	75	75	71	75	73	78	83	76	79	82	74	88	79.4
	Minimum	54	55	57	58	58	67	68	64	58	59	59	54	63	60	60	68	70	79	67	68	53	52	59	59	60	55	61	62	63	67	68	61.1
Mountain Home	Maximum	73	89	92	81	94	84	82	77	72	72	68	82	79	68	83	83	85	85	79	73	73	74	75	74	77	84	73	81	88	80	87	79.6
	Minimum	45	51	54	55	56	69	66	55	52	52	51	48	59	53	60	65	72	65	62	60	48	52	57	55	48	48	61	65	56	65	65	57.1
Mt. Ida	Maximum	76	92	89	90	91	90	79	80	75	75	77	84	89	85	84	86	87	82	85	80	75	67	75	81	82	85	82	83	85	81	86	82.5
	Minimum	46	49	57	50	62	68	60	62	60	62	58	48	56	56	68	66	72	69	62	64	46	54	54	52	48	45	58	61	63	65	65	58.3
Nashville	Maximum	86	92	89	92	90	86	80	83	87	84	81	85	88	83	84	89	89	85	87	86	79	82	74	84	83	85	83	88	86	83	88	84.9
	Minimum	58	55	64	54	60	68	55	50	66	71	59	57	62	69	69	70	71	67	66	67	51	52	57	58	54	53	64	66	68	67	67	61.8
Newport	Maximum	71	89	85	84	92	88	82	78	79	82	74	81	87	80	84	83	88	84	87	80	74	79	76	77	79	85	84	83	88	80	89	82.3
	Minimum	53	53	61	53	57	70	69	65	55	66	62	58	62	57	64	73	70	70	70	68	55	57	61	62	60	55	61	60	61	70	70	62.2
Oden ***	Maximum	..	..	88	91	90	84	82	77	77	74	76	84	87	85	81	87	86	81	85	70	76	65	74	77	80	82	78	82	84	75	86	80.8
	Minimum	..	..	62	59	64	66	63	64	61	63	59	49	61	59	70	65	73	69	66	56	49	56	57	56	51	58	62	62	67	66	66	61.3

Daily Temperatures for May, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	88	93	93	92	91	90	87	84	89	90	83	87	88	87	85	89	90	89	89	88	82	79	73	85	84	87	86	89	87	83	87	86.9
	Minimum	57	56	59	61	62	67	63	65	68	71	58	55	59	61	69	70	72	67	65	68	50	56	56	57	51	52	65	66	70	67	67	62.3
Ozark	Maximum	75	90	89	86	92	80	85	78	73	70	72	80	80	80	83	87	85	84	78	73	77	70	73	74	80	83	80	83	86	80	88	80.5
	Minimum	49	56	61	63	60	64	62	58	58	58	56	51	60	60	67	65	71	69	68	62	44	60	56	59	60	63	63	62	69	68	67	60.9
Paragould	Maximum	70	88	81	78	89	86	81	75	78	83	72	80	87	69	83	81	87	86	86	79	71	74	77	76	78	85	75	80	88	82	84	80.3
	Minimum	52	49	62	54	53	70	68	63	54	54	63	62	57	54	62	71	70	69	69	65	55	56	60	59	57	50	61	55	56	68	69	60.2
Perryville	Maximum	80	94	91	87	92	90	85	78	75	78	75	85	86	89	82	91	89	87	85	80	73	73	73	76	80	86	84	81	87	77	88	83.1
	Minimum	53	49	55	55	60	67	64	62	57	60	58	49	60	59	67	71	71	65	64	64	48	54	55	55	52	50	57	63	63	67	64	59.3
Pine Bluff	Maximum	79	93	92	94	94	89	81	78	88	81	77	78	92	88	88	89	91	90	90	78	78	71	75	80	82	84	82	85	90	81	89	84.7
	Minimum	58	58	65	61	64	68	69	67	64	63	55	58	64	62	71	72	72	72	70	69	58	59	61	60	58	58	65	68	68	70	69	64.4
Pocahontas	Maximum	71	91	92	78	90	89	84	89	76	80	72	82	86	73	83	80	86	86	85	73	76	77	77	78	78	84	78	81	89	83	87	81.7
	Minimum	50	48	58	54	52	65	64	63	52	64	60	59	60	53	60	68	69	69	66	64	50	55	60	59	59	50	54	56	55	68	68	59.1
Portland	Maximum	86	91	92	91	92	89	85	81	88	87	82	85	91	93	86	89	90	93	94	90	85	80	86	90	84	87	85	92	90	86	87	88.0
	Minimum	57	55	62	59	63	68	70	67	65	70	61	62	61	70	68	68	70	66	69	68	59	54	60	60	61	55	61	70	70	68	70	64.1
Prescott	Maximum	89	93	92	93	91	89	88	85	88	85	81	88	90	90	86	91	90	90	90	89	80	75	74	87	84	89	88	89	88	85	88	87.3
	Minimum	57	56	63	60	62	67	70	66	66	70	60	57	62	62	70	70	70	68	68	72	54	58	57	58	57	56	68	68	69	68	67	63.7
Rogers	Maximum	72	89	81	86	87	76	81	73	65	60	66	80	80	75	78	82	82	80	73	65	65	63	67	66	74	83	74	83	84	77	84	75.8
	Minimum	59	59	59	60	67	67	60	45	41	59	52	47	53	53	63	55	62	65	60	56	45	55	55	55	49	54	59	57	67	65	65	57.0
Russellville	Maximum	73	94	92	85	91	88	83	79	72	74	74	82	85	85	84	85	86	87	82	88	75	73	73	77	79	85	82	81	86	77	89	82.1
	Minimum	54	51	..	..	..	..	66	66	60	66	63	..	64	62	69	66	74	70	67	66	52	56	59	57	53	52	61	61	65	69	67	62.2
St. Charles §§	Maximum	85	91	90	87	91	87	84	87	86	85	75	84	89	82	84	86	88	92	92	85	75	78	78	85	81	85	78	83	85	88	88	85.0
	Minimum	55	55	63	58	63	67	68	68	59	62	61	55	59	57	58	69	68	65	66	67	54	53	59	60	56	52	62	64	63	66	67	61.3
Searcy	Maximum	72	90	87	82	89	84	80	79	75	79	73	79	87	81	82	83	85	83	84	79	71	74	73	76	78	84	77	79	85	79	85	80.5
	Minimum	54	51	62	58	57	68	68	65	55	64	60	55	62	57	64	71	70	69	68	65	52	54	53	60	55	53	61	61	61	67	67	60.9
Sheridan (near)	Maximum	75	92	90	87	91	86	81	85	84	84	79	84	90	90	86	89	88	85	90	80	77	77	75	85	81	85	85	83	89	85	86	84.6
	Minimum	56	53	59	53	61	64	67	64	60	68	60	51	61	58	67	70	68	67	67	64	47	51	56	55	52	50	61	64	62	62	67	60.2
Siloam Springs	Maximum	72	88	89	88	84	40	78	78	60	59	65	80	78	76	77	81	80	81	74	68	68	64	69	69	75	83	76	81	80	76	83	76.1
	Minimum	43	59	52	56	65	66	58	43	50	51	51	48	55	53	67	54	66	62	63	56	46	55	55	58	46	55	60	59	66	66	66	56.5
Stuttgart	Maximum	77	91	87	85	90	87	83	86	84	83	76	82	90	82	85	86	88	90	90	84	77	79	75	82	80	85	79	83	88	83	89	84.1
	Minimum	53	53	60	57	58	64	64	65	58	66	59	52	59	57	67	68	67	67	67	67	51	52	59	56	55	52	60	64	63	66	66	60.4
Stuttgart (near) §§	Maximum	74	91	87	86	91	88	84	85	83	83	74	82	90	81	87	87	90	91	89	83	74	78	76	82	79	85	78	81	88	83	87	83.8
	Minimum	55	53	60	58	62	64	68	68	60	61	62	57	61	59	59	70	71	68	70	69	54	54	59	59	58	53	61	65	64	68	68	61.9
Subiaco	Maximum	76	93	90	87	92	86	83	78	73	73	72	86	83	83	83	86	83	84	79	74	77	72	73	73	77	86	80	85	85	79	88	81.3
	Minimum	53	55	..	70	64	70	65	60	60	61	66	54	66	60	68	65	74	70	69	65	51	57	53	58	55	55	62	63	68	68	74	62.6
Texarkana ***	Maximum	81	92	91	91	90	86	76	83	89	80	79	87	86	86	85	88	90	90	89	79	79	64	73	84	81	86	78	89	85	83	86	84.1
	Minimum	60	63	64	64	67	64	63	68	68	62	60	58	65	63	70	73	72	70	70	60	55	57	59	60	56	58	68	68	70	68	70	61.3
Turnpike	Maximum	69	88	82	78	84	76	74	66	66	65	65	74	74	74	75	76	77	78	70	68	67	65	68	68	71	75	71	77	79	70	79	73.2
	Minimum	47	55	59	55	62	61	59	49	52	55	50	50	60	52	62	62	65	65	60	55	45	51	52	56	52	57	57	57	62	61	61	56.3
Wabash	Maximum	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Waldron	Maximum	78	93	89	91	90	84	83	77	75	74	73	85	82	84	81	86	87	85	82	82	75	71	72	78	80	83	81	85	83	70	87	81.7
	Minimum	50	54	58	57	71	70	63	60	60	61	57	50	62	59	72	64	67	71	65	63	50	57	55	55	49	51	62	63	69	68	68	60.7
Warren	Maximum	91	92	90	91	92	89	88	86	90	90	80	87	93	91	87	90	92	92	92	88	82	78	76	89	81	85	83	86	90	86	90	87.6
	Minimum	61	56	64	62	63	67	70	69	65	65	64	56	62	64	70	73	70	72	70	70	57	51	60	60	59	61	59	54	68	70	70	64.0
White Rock	Maximum	68	86	83	78	82	80	76	72	68	62	68	74	76	73	75	76	78	79	75	68	71	61	67	67	71	76	76	78	78	71	79	73.9
	Minimum	48	55	60	58	61	60	57	54	47	55	49	51	57	53	61	60	64	63	60	55	46	52	50	54	52	55	56	60	62	60	60	56.0
Wilson	Maximum	75	91	89	80	92	91	85	80	80	85	72	78	87	84	85	87	90	89	90	80	80	83	76	76	80	85	83	81	89	86	86	83.7
	Minimum	51	52	57	52	59	69	68	65	63	69	60	61	60	54	63	72	70	70	69	65	52	50	50	61	56	55	64	56	58	71	63	60.8
Wright	Maximum	88	84	88	87	82	82	80	80	74	77	85	85	82	83	82	83	85	85	84	77	81	80	73	73	75	82	82	80	84	78	84	81.5
	Minimum	52	55	57	64	66	64	59	67	59	54	59	57	66	67	66	67	69	66	65	64	62	64	54	52	59	52	60	62	63	62	66	61.3
Wynne	Maximum	75	89	87	83	90	87	84	84	82	84	76	81	87	83	83	86	88	90	90	83	70	75	77	76	81	85	80	82	89	82	87	83.0
	Minimum	52	53	58	53	61	66	65	64	52	68	59	57	59	54	62	68	67	69	68	65	49	49	58	58	53	51	61	59	60	67	66	59.7

§Daily River Stages for May, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.4	7.8	7.6	7.5	7.4	7.2	7.1	7.1	8.3	22.3	33.4	41.4	40.1	37.0	34.7	33.1	30.6	27.8	28.8	30.8	33.[illegible]	35.8	38.6	37.9	36.4	34.9	32.9	31.2	29.0	26.2	22.7
Van Buren	do	22	6.7	6.6	6.4	6.3	6.2	5.9	5.8	5.9	7.3	21.2	31.8	38.1	38.0	35.9	31.0	32.4	30.2	27.8	28.3	29.9	32.[illegible]	35.6	37.0	36.8	35.7	34.2	32.5	30.9	29.2	26.8	23.5
Danville	Petit Jean	20	3.7	3.6	3.4	3.3	3.2	3.2	3.1	3.1	3.2	3.5	19.2	28.1	25.3	22.7	20.6	17.4	20.6	22.1	21.0	17.8	15.8	17.1	12.9	9.8	9.6	9.4	11.3	11.7	14.7	12.0	19.7
Ozark	Arkansas	22	2.8	2.7	2.5	2.4	2.3	2.3	2.2	1.8	2.8	13.5	28.5	32.8	37.5	38.0	35.0	33.5	31.4	27.8	24.7	25.8	28.0	32.3	36.8	38.3	37.9	36.5	34.3	32.0	29.3	26.5	21.3
Dardanelle	do	22	5.3	5.5	5.3	5.2	5.0	4.9	4.8	4.1	4.6	9.1	28.1	30.4	32.8	33.1	33.4	32.5	31.6	30.4	28.6	27.3	27.7	29.2	31.3	33.2	34.0	33.4	32.7	32.0	31.1	30.0	28.6
Morrilton	do	20	1.0	0.0	-0.4	-0.6	-0.8	-0.9	-1.1	-1.4	-0.5	-0.3	20.7	24.6	26.9	29.2	30.6	30.4	29.4	28.6	27.0	25.4	21.9	25.4	26.8	28.6	30.0	30.5	30.2	29.6	28.6	27.5	26.3
Little Rock	do	23	3.0	2.9	2.8	2.6	2.4	2.2	2.1	2.0	1.8	2.2	15.8	22.7	21.1	25.5	26.5	28.2	28.3	27.9	27.4	26.4	25.5	25.2	25.8	26.9	28.6	29.7	30.0	30.0	29.6	29.0	28.4
Pine Bluff	do	25	6.1	5.7	5.5	5.3	5.1	4.9	4.8	4.7	4.4	4.2	5.3	23.1	25.8	27.8	29.2	31.1	32.5	32.7	32.5	31.4	30.1	29.0	28.7	29.2	30.3	32.2	33.2	33.7	33.7	33.2	32.3
Gilbert	Buffalo	30	3.9	3.9	3.9	3.9	3.7	3.7	3.6	5.6	4.6	20.2	37.0	11.0	8.0	6.8	6.3	5.8	5.5	5.3	5.0	6.6	7.0	6.1	5.6	5.2	5.2	5.0	4.8	5.6	5.4	5.1	5.0
Black Rock	Black	14	7.7	7.3	7.1	7.1	7.1	7.2	7.2	6.9	6.7	7.0	18.0	26.[illegible]	24.7	22.9	23.0	23.0	23.0	23.4	23.5	23.3	23.0	22.8	22.6	22.5	22.3	21.8	21.0	20.4	19.6	18.7	18.1
Heber Springs	Little Red	30	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.8	7.2	37.1	22.5	12.5	10.1	8.6	7.7	7.1	6.6	6.1	5.7	5.5	5.9	5.4	5.2	5.1	5.0	5.0	5.0	6.1	5.8	26.1
OzarkBeachMo	White	30	2.4	3.3	-0.6	-0.6	-0.6	-0.4	-0.6	-0.1	-0.6	17.3	37.3	38.4	34.2	19.6	10.5	8.4	7.4	7.4	21.1	25.1	23.6	18.3	12.0	9.6	8.7	8.0	7.0	7.6	7.2	8.0	7.3
Cotter	do	21	4.7	4.8	4.7	4.5	3.6	3.5	3.4	4.0	4.1	8.4	33.3	39.3	39.0	35.0	21.1	11.7	10.0	9.5	14.1	25.9	28.5	25.2	19.1	13.2	11.2	10.3	9.4	8.6	9.1	9.9	10.3
Calico Rock	do	18	4.7	4.7	1.4	4.0	3.2	3.0	2.8	2.[illegible]	3.5	6.8	38.2	46.1	43.0	39.8	30.8	16.1	13.2	11.6	10.5	22.4	29.2	28.3	23.7	16.7	13.8	12.2	10.9	9.7	9.6	10.2	11.3
Batesville	do	23	9.3	9.2	9.0	8.7	8.3	7.6	7.4	7.2	7.6	9.0	31.6	39.0	39.3	38.2	36.4	30.9	21.5	18.8	17.0	22.7	29.0	32.0	31.0	27.2	21.8	19.2	17.7	16.0	15.3	16.3	16.7
Newport	do	26	9.5	9.5	9.0	8.3	7.4	6.8	6.4	6.0	6.0	6.5	17.0	26.8	32.3	34.3	31.5	33.9	32.0	30.1	28.6	27.7	28.7	30.0	31.0	31.0	30.1	28.8	27.7	26.7	25.8	25.0	24.5
Georgetown	do	21	13.1	12.5	11.9	11.3	10.7	9.7	9.6	9.6	9.3	8.9	10.3	17.7	19.9	22.9	26.8	29.3	30.9	31.4	31.3	30.7	30.0	29.4	29.0	28.9	29.2	29.3	29.2	28.9	28.4	27.8	27.1
Des Arc	do	24	16.2	15.6	15.2	14.6	13.9	13.5	13.0	12.4	11.8	11.6	12.0	16.4	18.9	20.5	23.4	28.2	32.2	34.0	34.8	34.9	34.7	34.1	33.6	33.3	33.2	33.3	33.3	33.3	32.8	32.1	31.9
Clarendon	do	26	23.2	22.8	22.3	21.8	21.3	20.8	20.2	19.6	19.1	18.5	18.1	18.4	19.8	20.9	21.8	22.8	25.6	28.2	29.7	30.6	31.3	31.9	32.3	32.6	32.8	32.9	33.0	33.1	33.1	33.2	33.2
St. Charles	do	25	23.9	23.8	23.6	23.4	23.1	22.8	22.5	22.2	21.8	21.3	20.8	20.4	20.3	20.9	21.0	21.6	22.3	23.1	24.1	25.4	27.2	28.6	29.8	30.7	31.4	31.9	32.4	32.8	33.6	34.2	31.8
Glenwood	Caddo	..	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	7.0	6.3	7.0	6.3	6.0	5.9	5.8	5.8	5.8	5.7	5.7	12.1	7.6	6.3	6.6	6.2	6.0	5.8	5.7	6.0	5.8	6.4	8.5
Arkadelphia	Ouachita	17	7.3	6.6	6.1	6.6	6.5	6.3	6.9	7.0	7.0	7.0	8.0	12.3	11.7	9.2	7.5	7.3	7.0	7.2	6.8	6.4	14.9	12.9	13.0	9.7	8.1	7.8	7.5	7.6	7.8	8.2	13.0
Boughton	Little Mo.	20	5.4	5.3	5.1	5.0	4.8	4.7	4.0	4.5	4.8	4.7	4.8	4.8	5.9	6.1	5.3	5.0	4.8	4.6	4.5	4.3	4.2	4.1	8.9	6.9	7.9	6.5	6.1	5.4	5.0	5.4	6.6
Camden	Ouachita	26	13.7	11.4	10.0	8.1	7.0	7.4	7.5	7.3	7.7	8.0	7.8	8.4	12.7	15.1	14.1	11.0	9.4	8.7	8.4	7.4	6.7	10.3	15.4	17.2	17.8	14.5	12.1	10.8	9.9	9.9	10.1
Benton	Saline	20	4.9	5.0	5.1	5.1	5.0	5.0	5.0	5.0	4.8	4.7	4.8	4.8	5.9	7.0	6.0	5.4	5.4	5.2	5.0	5.0	10.7	8.3	8.5	8.1	7.8	7.6	7.5	7.5	7.4	7.4	9.6
Index	Red	25	10.8	10.4	10.0	9.9	9.8	9.2	9.0	9.0	8.8	8.5	8.3	15.2	20.2	21.8	23.3	24.0	21.5	23.7	22.8	22.2	20.8	18.6	19.2	19.0	18.6	18.3	17.6	16.6	17.5	20.4	20.4
Fulton	do	25	11.7	11.2	10.7	10.4	10.0	9.6	9.2	9.0	8.6	8.4	8.4	11.6	20.0	22.6	24.2	25.3	26.0	26.0	25.3	24.8	23.6	21.6	21.3	21.0	20.4	19.6	18.8	17.5	18.3	21.1	22.0
Big Lake Outlet	St. Francis	10	7.8	7.5	7.3	7.1	6.8	6.5	6.3	6.2	6.2	6.2	6.6	6.9	8.6	10.5	11.5	12.2	12.4	12.9	13.0	13.0	12.9	12.8	12.7	12.7	12.6	12.4	12.2	12.0	11.8	11.6	11.3
St. Francis	do	18	17.3	17.5	17.4	17.2	16.7	16.0	15.0	13.7	12.5	12.0	17.0	17.8	18.3	18.6	19.1	19.5	19.3	18.8	18.2	18.0	17.6	17.1	17.0	17.1	17.4	17.7	18.1	18.6	18.9	19.1	19.2
St. Francis L.L.	do	..	20.6	20.6	20.7	20.7	20.8	20.8	20.9	21.0	21.0	21.0	21.3	21.5	21.5	21.6	21.9	22.3	22.6	22.8	23.0	23.2	23.4	23.5	23.5	23.8	23.7	23.7	23.6	23.5	23.1	23.3	23.2
Marked Tree	do	17	6.7	6.7	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.7	7.1	7.2	7.2	7.1	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Parkin	do	28	8.9	9.1	9.4	9.5	9.7	9.8	9.7	9.5	9.2	8.8	9.0	9.2	9.6	9.6	9.4	9.3	9.3	9.5	9.9	10.3	10.9	11.5	12.1	12.8	13.5	14.1	14.7	15.2	15.8	16.3	16.8
Madison	do	32	15.6	15.9	16.2	16.6	16.9	16.9	16.9	16.0	15.2	14.3	12.2	11.2	10.8	11.0	11.5	12.3	13.0	13.9	14.7	15.6	16.4	17.2	18.0	18.9	19.8	20.6	21.3	22.1	22.7	23.4	24.2
Helena	Mississippi	42	34.8	35.2	35.6	35.9	36.0	35.9	35.3	34.1	32.3	30.0	27.7	26.1	25.3	26.5	28.3	29.8	31.1	32.1	33.1	34.1	35.0	35.8	30.6	37.4	38.3	39.2	40.0	40.8	41.6	42.4	43.3
Arkansas City	do	42	28.8	29.3	29.7	30.0	30.2	30.3	30.3	30.1	29.5	28.6	27.3	25.8	27.0	27.5	28.5	29.8	31.1	32.4	33.5	34.5	35.2	35.9	36.5	37.0	37.6	38.2	39.0	40.0	40.9	41.8	42.6

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 0 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ^{a}, ^{b}, ^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ^{1}Precipitation is for the 24-hour period, midnight to midnight. ^{2}Precipitation measured in morning; amount recorded is for the preceding 24 hours. ^{3}Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort SmithWater Plant, Mountainburg; Green Mountain, Calico Rock; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turupike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVIII Little Rock, Ark., June, 1943 No. 6

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

With a mean temperature of almost 3° above normal for the State as a whole, this was the warmest June since 1936. Temperatures were above normal continuously from the 1st to 28th, with much cooler weather prevailing on the last two days. Unusually low minima were recorded at some stations on the morning of the 30th. The hottest weather of the month occurred from the 19th to 22d. Several stations reported temperatures of 100° or slightly higher on those days. Temperatures averaged above normal at all stations and almost 5° above at Pine Bluff. There was an adequate amount of sunshine.

Precipitation was somewhat deficient, averaging 71 % of normal for the State as a whole. This was the driest June since 1936. Although the average rainfall for the State was slightly less than three inches, a few stations in the northern sections of the State recorded over five inches, and several stations in the southern districts measured less than an inch. As would be expected where practically all of the precipitation resulted from afternoon thundershowers, there was considerable variation in the amount of rainfall received by different stations in the same county. For example, the total for the month at Camp Robinson was 0.98 inch, and at Little Rock, 2.81 inches. No damage was reported from hailstorms in the State. Light southerly winds prevailed.

Some of the rivers in the State were still in flood stage early in June as a result of the May floods but were receding most of the month. The lower reaches of the White River continued in flood until about the 25th.

The weather was generally favorable for crop growth, although lack of sufficient moisture in many localities caused considerable deterioration in truck crops, gardens and pastures during the latter half of the month. The weather was especially favorable for cotton, and the crop made good progress all month. Chopping was completed in most sections by the 25th, and the dry weather discouraged weevil activity. Corn also advanced favorably and was tasseling at the close of the month. Good crops of beans and potatoes were harvested. Considerable bottom land in the Arkansas River Valley was replanted in soybeans, corn, and hay during June. However, much land in the Valley cannot be replanted this year because of erosion and sand deposits from the May floods. B.N.W.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 80 stations, was 79.8°, which is 2.7° above the 53-year average for June. The highest monthly mean temperature was 84.1° at Pine Bluff and the lowest was 72.9° at Devils Knob. The highest temperature recorded was 102° at Portland on the 20th and Pine Bluff on the 21st, and the lowest was 47° at Lead Hill on the 30th

PRECIPITATION

The average precipitation for the State, as determined from the records of 110 stations, was 2.86 inches, which is 1.19 inches below the 53-year average for June. The greatest monthly amount was 7.42 inches at Mountainburg and the least was 0.10 inch at Index. The greatest amount reported in any 24 consecutive hours was 2.62 inches at Pine Ridge on the 27th and 28th.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:---1,2,3,4,6,8,17,23,28.
Hail:---4,5,8,16,17,19.
Thunderstorms:--4,5,6,7,8,9,10,12,13,14,15,16,17,19,20,21,22,23,24,25,26,27,28,29.
Dense Fog:---6,7,9,10,11,18,26,27.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.14	30	29.57	2	6.9	9	s.	6	80	58	59	73	0
Little Rock	30.18	30	29.67	3	7.2	24	s.	2	86	57	64	74	0
Memphis	30.13	14	29.70	2	7.0	25	sw.	2	83	56	60	77	0

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.53	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.53	0	6	16	11	3
1912	73.1	97	42	5.83	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	105	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	103	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2.60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	6	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	3
1935	74.3	98	36	8.38	0	13	10	10	10
1936	80.0	113	44	1.26	0	3	23	5	2
1937	78.8	106	45	4.95	0	9	14	10	6
1938	75.8	101	48	4.34	0	9	13	9	8
1939	77.9	100	49	4.50	0	11	9	13	8
1940	75.2	98	45	4.35	0	10	12	9	9
1941	76.2	103	47	4.01	0	8	12	12	6
1942	77.2	104	45	4.54	0	11	10	12	8
1943	79.8	102	47	2.86	0	7	11	14	5
Period	77.1	113	35	4.05	0	8	14	10	6

Corrections for May.--Bentonville, page 26, lowest temperature 46°, page 29, lowest temperature 8th, 46°, 13th 53°, 14th 53°, 25th 51°, maximum temperature 26th, 83°.

NAT. HIST.

Climatological Data for June, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	6	79.5	......	96	21	60	30	2.73	......	2.40	8	0.0	5	12	14	4	n.	L. R. Water Works
Arkadelphia	Clark	200	47	81.5	......	100	21	63	19§	2.07	−2.54	1.10	23	0.0	5	8	20	2	sw.	George S Dews
Arkansas City	Desha	145	58	......	......	......	......	......	......	0.74	−2.88	0.20	9	0.0	5	21	8	1	......	John W. Trammell
Batesville Airway	Independence	363	6	79.4	+4.0	97	21	55	30	2.19	......	0.71	22	0.0	8	8	15	7	s.	Airway Observer
Batesville Livestk.	Independence	....	2	77.2	......	94	20§	53	30	3.55	......	1.20	6−7	0.0	11	4	24	2	sw.	University of Arkansas.
Batesville River	Independence	277	43	......	......	......	......	......	......	3.41	−0.51	0.90	8	0.0	11	11	10	9	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	78.0	+1.1	98	14	55	30	1.10	−3.39	0.45	14	0.0	5	10	18	2	w.	Miss Minnie Scanlan
Benton	Saline	285	7	78.6	......	97	21	55	30	2.37	....	0.99	23	0.0	9	26	4	0	sw.	S. A. Burks
Bentonville	Benton	1295	37	77.4	+3.6	94	21§	50	30	3.76	−0.46	1.28	26	0.0	9	17	10	3	s.	Mrs. Verda K, Neely
Bethesda †	Independence	500	3	77.5	......	94	21	56	30	3.96	......	1.19	6−7	0.0	9	4	24	2	sw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	12	......	......	......	......	......	......	3.00	+0.31	1.20	14	0.0	7	21	3	6	......	C. J. Brooks
Black Rock	Lawrence	259	41	......	......	......	......	......	......	2.81	−0.94	0.85	6	0.0	8	21	3	6	s.	Vernon C. Howe
Bluff City	Nevada	....	2	81.8	......	97	19§	61	30	0.53	......	0.28	22	0.0	4	12	15	3	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	80.2	+2.4	96	27	57	30	2.73	−1.33	0.90	17	0.0	8	16	12	2	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	28	80.2	+4.0	95	21§	58	30	3.45	−0.75	1.32	25	0.0	7	9	17	4	s.	F. H. Randolph
Boughton †	Clark	235	7	......	......	......	......	......	......	0.32	......	0.32	28	0.0	1	11	10	9	......	Mrs. Ruby Brown
Brinkley	Monroe	205	51	80.2	+2.4	99	21	58	30	3.60	−0.13	1.05	8	0.0	9	6	12	12	s.	U. S. Weather Bureau
Calico Rock	Izard	361	38	......	......	......	......	......	......	4.80	+1.22	1.14	8	0.0	10	8	2	20	......	William Jones
Camden	Ouachita	116	57	82.7	+4.3	100	19§	59	30	3.14	−1.07	1.73	27	0.0	8	2	27	1	se.	J. M. Knight
Camp Robinson	Pulaski	463	2	80.2	......	99	20	59	30	0.98		0.66	8	0.0	5	0	27	3	sw.	U. S. Army
Clarendon	Monroe	172	38	......	......	......	......	......	......	3.06	−0.53	2.00	28	0.0	7	10	18	2	......	B. F. Northern
Clover Bend	Lawrence	235	4	78.2	......	98	21	57	30	6.22	......	1.51	25	0.0	8	4	26	0	s.	Farm Security Adm
Conway	Faulkner	309	59	81.5	+3.2	97	22§	57	30	1.13	−2.75	0.49	5	0.0	6	23	7	0	s.	F. E. Cordrey
Corning	Clay	293	49	79.0	+3.0	95	12§	54	30	3.70	−0.37	1.16	23	0.0	12	11	10	9	sw.	Robert B. Polk
Cotter	Baxter	440	15	......	......	......	......	......	......	2.44	−2.51	0.57	8	0.0	9	19	7	4	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	30	80.6	+1.2	96	20§	63	30	2.46	−1.46	0.76	25	0.0	5	17	11	2	s.	U. S. Forest Service
Danville	Yell	327	26	......	......	......	......	......	......	3.88	−0.41	1.40	8	0.0	8	8	19	3	......	J. M. Patterson
Dardanelle	Yell	330	56	81.2	+3.0	98	20	58	30	2.68	−1.00	1.27	4	0.0	8	2	20	8	s.	Geo. N. Goodier
DeQueen	Sevier	426	7	80.2^{d}	......	95^{d}	22§	61^{d}	30	0.71	......	0.34	9	0.0	5	9	21	0	......	L. D. McCown
Des Arc	Prairie	204	4	81.2	......	96	21	60	30	2.04	......	0.60	14	0.0	7	2	12	16	s.	Z. R. Glenn
Devils Knob †	Johnson	2350	6	72.9	......	87	21	54	30	4.46	......	1.75	6	0.0	11	14	11	5	sw.	U. S. Forest Service
Dumas	Desha	162	37	83.2	+3.8	101	20	57	30	3.26	−0.55	1.58	22	0.0	9	6	19	5	s.	Ben Johnson
El Dorado	Union	270	42	83.4	+3.8	99	23	62	30	3.49	−0.20	1.28	27	0.0	11	22	8	0	s.	Mrs. E. W. Gaston
England	Lonoke	229	36	80.2	+2.2	99	20	54	30	2.05	−1.78	0.75	26	0.0	7	3	27	0	sw.	O. V. Halbrook
Eureka Springs	Carroll	1465	42	76.8	+2.4	91	27§	52	30	3.00	−2.38	0.80	6	0.0	11	16	13	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	5	77.4	......	91	19§	54	30	4.72	......	1.68	16−17	0.0	9	2	18	10	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	55	76.8	+2.4	92	26	51	30	4.86	+0.12	1.76	16−17	0.0	11	7	21	2	s	University of Arkansas
Fordyce	Dallas	280	2	81.5	......	100	24§	64	10	3.11	......	1.54	24	0.0	7	14	9	7	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	80.8	+3.3	95	27	61	30	4.86	+1.14	2.55	17	0.0	8	8	13	9	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	5	......	......	......	......	......	......	6.13		1.06	4	0.0	10	5	21	4	......	Ft. Smith Water Plant
Fulton	Hempstead	260	57	......	......	......	......	......	......	0.77	−3.39	0.41	26	0.0	5	20	7	3	......	Ina J. Logan
Georgetown	White	200	30	......	......	......	......	......	......	2.81	−1.68	1.61	8	0.0	5	23	3	4	......	C. G. Long
Gilbert	Searcy	600	17	76.5	......	95	20	48	30	2.19	−1.64	0.72	8	0.0	8	21	2	7	sw.	F. E. King
Glenwood	Pike	547	7	......	......	......	......	......	......	2.82	......	1.24	23	0.0	9	21	1	8	......	Chas. A. Price
Grannis	Polk	950	23	78.6	+3.2	97	22§	55	30	3.14	−1.88	0.99	27−28	0.0	11	12	12	6	s.	W. E. McVay
Gravette	Benton	1250	45	77.2	+3.5	94	26	52	30	5.10	−0.45	2.20	17	0.0	6	21	8	1	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	5	79.0	......	98	13§	53	30	4.00	......	1.30	25−26	0.0	9	6	19	5	s.	U. S. Forest Service
Harrison	Boone	1052	42	77.4	+4.0	92	2[illegible]§	52	30	3.84	−0.56	1.08	6	0.0	9	13	14	3	w.	J. M. McGaughey
Heber Spgs. 4 mi. ne	Cleburne	272	13	......	......	......	......	......	......	2.30	−2.03	0.88	4	0.0	6	12	18	0	......	Lester B. Logan
Helena	Phillips	300	70	80.4	+2.0	95	22§	60	30	1.71	−1.65	1.36	6	0.0	7	14	5	11	ne.	James A. Burnett
Highland	Pike	491	23	......	......	96^{g}	21	65^{g}	6§	0.60	−3.50	0.25	26	0.0	3	6	21	3	......	Clyde Cooley
Hope 3 miles e ‡†	Hempstead	375	72	81.4	+2.4	99	21§	61	30	3.37	−0.15	2.38	25−26	0.0	7	10	17	3	sw.	University of Arkansas
Hot Springs	Garland	600	51	81.0	+2.8	96	20§	58	30	3.20	−1.45	1.84	27−28	0.0	10	17	13	0	s.	National Park Service
Index †	Little River	275	25	......	......	......	......	......	......	0.10	−2.78	0.10	24−25	0.0	1	25	1	4	......	W. E. McDowell
Irons Fork †‡‡	Polk	1385	4	......	......	......	......	......	......	....	......	....	......	0.0	......	......	......	..	......	U. S. Forest Service
Jessieville	Garland	750	16	......	......	......	......	......	......	3.25	−0.89	1.53	8	0.0	3	6	21	3	sw.	U. S. Forest Service
Jonesboro	Craighead	345	47	79.2	+1.5	94	20§	58	30	2.37	−1.57	0.80	22−23	0.0	11	7	15	8	ne	Benedictine Sisters
Lead Hill	Boone	650	36	76.8	+1.4	94	27	47	30	2.18	−3.07	0.62	24−25	0.0	13	16	13	1	sw.	J. H. Crosswhite
Little Rock	Pulaski	257	63	81.6	+4.2	93	21	61	30	2.81	−0.95	1.20	22−23	0.0	7	6	18	6	s.	U. S. Weather Bureau
Lutherville †	Johnson	775	44	77.9	+1.8	93	20§	55	30	2.50	−2.00	0.84	8	0.0	7	11	15	4	s.	Clarence Lenhardt
Madison	St. Francis	209	12	......	......	......	......	......	......	1.85	−1.39	0.85	8	0.0	3	9	4	17	......	J. W. Eppes
Magnolia	Columbia	315	26	82.7^{d}	+3.3	101^{d}	20	63^{d}	30	3.20	−0.62	2.40	27	0.0	4	0	25	5	se.	State Agri. School
Mammoth Spring	Fulton	600	38	77.9^{e}	+3.5	96^{f}	21§	54	30	3.79	−0.53	1.06	16−17	0.0	10	8	20	2	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	80.7	+2.1	96	20§	57	30	2.57	−0.90	1.25	7	0.0	3	9	17	4	s.	University of Arkansas
Marked Tree	Poinsett	229	38	80.2	+2.2	97	21	57	30	5.50	+2.28	1.56	14	0.0	9	8	20	2	n.	Charles Walton
Mena	Polk	1207	54	79.4	+2.8	96	21	60	18§	4.66	−0.34	2.11	17	0.0	10	9	14	7	sw.	E. W. St. John
Monticello	Drew	273	2	82.8	......	98	14§	65	10	0.89	......	0.40	23	0.0	5	2	20	8	s.	Airway Observer
Morrilton †	Conway	315	26	80.8	+2.2	98	19	60	30	3.62	−0.18	2.48	8	0.0	5	10	15	5	s.	Mrs Nova A. Berry
Mountainburg	Crawford	712	5	......	......	......	......	......	......	7.42	....	1.89	4	0.0	10	13	12	5	s.	C. A. Lovell
Mountain Home †	Baxter	800	30	77.2	+2.2	94	24§	51	30	3.00	−1.44	1.15	21	0.0	8	9	12	9	sw.	H. N. Halbert
Mountain Valley	Garland	788	5	......	......	......	......	......	......	2.90	......	1.62	8	0.0	2	4	20	6	s.	C. A. Cockman
Mount Ida	Montgomery	702	43	78.7	+2.7	96	21§	53	30	2.82	−1.47	1.92	27−28	0.0	5	10	16	4	sw.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	4	......	......	......	......	......	......	2.72	......	1.09	17	0.0	10	18	4	8	......	Clifton H. Ward
Nashville	Howard	350	4	82.0^{b}	......	98^{b}	21	64^{b}	30	1.52	......	1.03	17	0.0	4	17	12	1	s.	Brice Carruth
Newport	Jackson	231	59	81.2	+3.3	98	21	59	30	3.44	−0.48	1.00	4	0.0	8	12	11	7	sw.	W. T. Moyer
Nimrod Dam	Perry	....	1	80.4	......	98	21	57	30	1.16	......	0.33	8	0.0	7	10	18	2	s.	U. S. Engineers
Oden	Montgomery	800	15	79.8	......	96	21	57	30	3.77	+0.27	1.15	28	0.0	9	1	25	4	......	U. S. Forest Service
Okay	Howard	288	14	81.8	+2.8	99	25	62	30	1.03	−2.65	0.29	9	0.0	5	20	9	1	s.	Charles R. Jackson
Osceola	Mississippi	250	42	......	......	......	......	......	......	3.96	+0.58	0.70	4−5	0.0	8	17	10	3	......	G. H. Banks
Ozark	Franklin	396	47	80.4	+2.5	96	20§	51	30	0.99	−3.46	0.44	17	0.0	6	4	17	9	e.	Orkney O. Milton
Paragould	Greene	275	19	79.8	......	97	28	56	30	3.05	−1.01	1.83	4−5	0.0	10	20	10	0	sw.	J. E. Garrett
Parkin	Cross	222	12	......	......	......	......	......	......	2.00	−1.75	0.84	5	0.0	5	13	9	8	......	Carroll King
Perryville	Perry	325	3	80.0	+4.6	96	20§	56	30	2.83	−2.07	1.68	4−5	0.0	5	11	19	0	ne.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	55	84.1	+4.9	102	21	62	30	1.43	−2.49	0.88	24−25	0.0	6	14	15	1	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	......	......	......	......	......	......	4.26	−0.23	2.62	27−28	0.0	8	3	20	7	sw.	J. R. Huddleston
Pocahontas	Randolph	300	49	79.6	+3.0	97	24	55	30	3.40	−0.96	0.74	4	0.0	11	8	19	3	s.	Benedictine Sisters
Portland	Ashley	122	36	82.8	+3.4	102	20	62	30	1.06	−2.41	0.53	25	0.0	5	12	18	0	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	83.0	+4.2	99	20	62	30	1.19	−3.06	0.62	26	0.0	8	14	15	1	se.	W. R. Hambright
Rogers	Benton	1300	52	77.0	+3.4	91	21§	53	30	5.61	+0.49	1.30	22	0.0	7	12	13	5	sw.	Howard Fowler
Rosebud	Faulkner	680	8	......	......	......	......	......	......	4.35	......	1.70	27−28	0.0	8	12	17	1	sw.	G. A. Maddox
Russellville ‡‡	Pope	526	3	80.4	+2.8	96	20	55	30	5.33	+1.25	2.30	4	0.0	8	0	29	1	sw.	Ark. Tech. College
St. Charles	Arkansas	175	9	81.2	......	98	21§	58	30	1.53	......	1.02	28	0.0	3	15	12	3	s.	U. S. Biological Survey
St. Francis	Clay	290	15	......	......	......	......	......	......	2.29	−1.69	0.62	4	0.0	9	26	0	4	......	W. S. Buckley
Searcy	White	245	32	79.6	+2.3	94	21	59	30	2.52	−1.48	1.10	8	0.0	8	16	9	5	se.	Walter A. Smith
Sheridan 8 miles n †	Grant	....	2	79.4	......	97	21	55	30	2.03	......	1.25	22	0.0	9	1	28	1	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	76.7	......	92	26	51	30	4.02	......	1.72	16−17	0.0	8	10	20	0	s.	John Brown University
Springbank †	Miller	240	33	......	......	......	......	......	......	1.69	−1.97	0.26	28	0.0	7	16	0	14	......	Henry Field
Story	Montgomery	650	18	......	......	......	......	......	......	2.42	−1.21	1.84	27−28	0.0	5	17	9	4	s	S. C. Story
Stuttgart	Arkansas	214	55	80.5	+2.5	98	20§	57	30	0.99	−2.76	0.87	28	0.0	4	24	5	1	sw.	Mrs. B. E. Swim
Stuttgart 9 miles e ‡‡	Arkansas	198	7	81.8	......	98	20§	60	30	1.36	......	1.08	28	0.0	5	......	......	..	......	University of Arkansas

Climatological Data for June, 1943 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	44	80.8[d]	+ 3.0	96°	20	58°	30	4.34	+0.31	1.57	21–22	0.0	9	12	12	6	se.	New Subiaco Abbey
Texarkana	Miller	332	58	82.2	+ 3.1	97	25	64	30	2.54	–1.32	0.73	27	0.0	7	4	23	3	s.	U. S. Weather Bureau
Turnpike†	Pope	2240	18	74.3		97	24	52	30	3.15	–1.79	0.81	11	0.0	10	17	9	4	sw.	U. S. Forest Service
Wabash	Phillips	179	3							1.56		0.88	8	0.0	3	2	27	1	s.	Farm Security Adm.
Waldron	Scott	675	23	80.0		95	19§	56	30	2.53	–2.09	0.59	22	0.0	10	10	18	2	sw.	Lavon Shoptaw
Warren	Bradley	206	48	82.8	+ 3.5	99	20	61	30	2.61	–1.11	0.95	28–29	0.0	9	0	9	21	sw.	C. N. Turner
Whitecliffs	Little River	290	36							1.47	–2.09	1.47	9	0.0	1	18	2	10		L. M. Snead
White Rock†	Franklin	2285	6	73.9		89	26	53	30	5.85		1.68	4	0.0	9	11	11	8	ne.	U. S. Forest Service
Wilson	Mississippi	237	17	80.2	+ 3.3	96	20§	55	30	2.12	–1.19	1.05	1	0.0	3	23	2	5	s.	D. O. Anderson
Wright	Jefferson	234	3	79.0		95	21	57	30	0.94		0.57	7	0.0	6	22	5	3	ne.	Farm Security Adm.
Wynne	Cross	167	34	79.6	+ 1.8	98	24	53	30	3.17	–0.73	1.65	8	0.0	6	16	6	8	s.	B. M. Eddins
State Means				79.8	+ 2.7	102	20§	47	30	2.86	–1.19	2.62	27–28	0.0	7	11	14	5	s.	

Daily Precipitation for June, 1943

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Abbott[2]	Arkansas							.16		.20		.20						.78			.17							1.92					3.43
Alum Fork Reser.	Ouachita					.15	.12	.02	2.40						T.			T.			T		T.			T.	.04		T.				2.73
Arkadelphia[2]	Ouachita								T.		.05	T.							.10					1.10			T.	T.	.73	.09			2.07
Arkansas City[2]	Mississippi	.17								.20									.17								.11			.09			0.74
Batesville Air'y[1]†	White					.41	.13		.51					T	.02		T	T.					.71	.11		.09		.21					2.19
Batesville Livestk[1]	White	.13				.17	.39	1.20		.63			.08			.32		.29			T			.26			.04		.04				3.55
Batesville River[2]	White	.25				.40	.05	.25		.90					T.	.05								.69	.10		.32	.09	.31				3.41
Beaty Lake	St. Francis	T.				.24		.12	1.36	.15			.03		.90	T.							.08	.23				.35		.50			3.96
Bee Branch	Arkansas				.20	T.	.05		.25		T.					.45		.15				T.							T.				1.10
Beech Grove	White		.10						.30																			1.10					1.50
Beedeville[2]	White	.81				.14	.17	T.		.82						.19			.21				.55	1.12			.04						4.05
Benton[2]	Saline							.08	.03	.28	.08	.33							T.					T	.99		.38	.11		.09			2.37
Bentonville[2]	Arkansas				.10	T.	.08	.74	.18	T.					T.			.80					.30	.10	.18			1.28					3.76
Bethesda[2]	White					.14	.32	1.10		.74			.16			.60		.17			T			.40			.33	T.	T.				3.96
Big Lake Outlet[2]	St. Francis	.45				.44	.20	.10		.05						1.20		T.					T.				.56						3.00
Black Rock[2]	White	.08				.29		.85		.14								.05					.35		.20		.85						2.81
Bluff City	Ouachita								.11						.07								.28						.07				0.53
Blytheville[2]	St Francis	.71				.72		.26		.03						.06		.02	.90				T.							.03			2.73
Booneville	Arkansas					.02	.55		.70									.72					T.	T.		1.32	.13		.01				3.45
Booneville[2]	Arkansas							.46		.49								.85										.50	.48				2.78
Boughton[2]	Ouachita																													.32			0.32
Brinkley[1]	White				.05	.03	.03		1.05						.01	T.						T			T	.30	1.02	.67	.44				3.60
Burdette	Mississippi					.68	.34								.13												T			.14			1.29
Calico Rock[2]	White					.98	.04	.27		1.14						.31		.75				T.	.03	.53			.73	.02	T				4.80
Camden	Ouachita							.45	.07	.06	.09					.06												.02	1.73	.66			3.14
Camp Robinson[1]	Arkansas				.01		.01		.66														.09	.21									0.98
Carlisle[2]	Arkansas	.10					.13			.34						1.18								.22				.19					2.16
Clarendon[2]	White						.48	.25		.08													.18				.01	T	.06	2.00			3.06
Clover Bend	White				.67		.97		.29						.50			.07					1.46			1.51	.75						6.22
Cold Springs	Ouachita					.09		.62										*	.40								.20						1.31
Conway	Arkansas					.49			.09	.10					.18									.03		T	.24						1.13
Corning[2]	White	.06				.54		.15		.21		.52				.12		.59	.03				.18		1.16		.12			.02			3.70
Cotter[2]	White					.24	.05	.39		.57								.53				.11	.14	.37	.04								2.44
Crossett	Ouachita									.44	.19							.70								.76		.37	T.				2.46
Danville[2]	Arkansas					.04		.07		1.40									.37				.76	.01				.98		.25			3.88
Dardanelle[2]	Arkansas					1.27		.13		.44								.05	.19				.27		.08			.25					2.68
Denmark[2]	White					.23		.15		.80					.03										1.26					.10			2.57
De Queen	Red					.15				.34				.12				.07											.03				0.71
Dermott[2]	Mississippi	T								.37			.18		.07				.25				.30		.07		.01		T.	.01			1.26
Des Arc[2]	White	T.				.37	.04	.16		.55						.60							T.	T.				.07	.25				2.04
Devils Knob	Arkansas					.30	1.75	.02	.13		.37	.27			.41	T.		.96				.14		.02			.09						4.46
Dumas	Mississippi								.92									.27					1.58	.03	.02	.02	.03	.32		.07			3.26
Eagle Gap[2]	Arkansas							.16		.39					T.			1.31	1.05					T.	.27	1.62	.82	1.32	.38				7.32
El Dorado[2]	Ouachita						.17				.03	.04				T.	.14		.24			.03		.32			.01	1.20	1.28	.03			3.49
Eleven Point[2]	White				.16	.66	T	T.	.73		.10				.30		.58	.43					.67			.05		.03	T.				3.71
England	Arkansas						.20		.24					.09	.22							.10	.45			T.	.75						2.05
Eureka Springs	White				.42		.73	.07	.12		.05							.12				.10	.65	.22	.48		.04						3.00
Evening Shade[2]	White	.03				.44	.30	.35		.49						.30		.20				T.	.77	.04	1.65		.30		T.				4.87
Fayetteville	White				.19	.06	.61	T	.44		T.							1.68				T.	.86	.08		.72			.08				4.72
Fayetteville Exp. S	White				.10	.02	.57		.80		.02				T.			1.76			T.		1.17	.08		.28	.04		.02				4.86
Fordyce	Arkansas						.31			.21											.34	.15		.34	1.34			.42					3.11
Forester[2]	Arkansas							.54	.04						T										T.			.90	.27				1.75
Fort Smith[1]‡	Arkansas				T.		.71		.70	.08				T.				2.55			T.	.58		.21			.02			.01			4.86
Fort Smith W.[2]	Arkansas			T.		1.96	.18	.51	.12		.97		.13				1.46		.13			T.	T.	.31			.36						6.13
Fulton[2]	Red						T.	T	.15	T					.05	T.							.07				.09	.41		T.			0.77
Georgetown[2]	White	.48				.42	.12	T.		1.61																		.18					2.81
Gilbert[2]	White					.10		.07		.72		.58						.32					.25		.13	.02							2.19
Glenwood[2]	Ouachita					.28				.23					.08				.30					1.24		.06	.05		.19	.39			2.82
Grannis	Red	T.		T.	.02	.01	.55			.87		.08		T.				.40			T.	T.	.02			.02	.18	.50	.49				3.14
Gravelly[2]	Arkansas				T.			.18		.21								T.							.34	.23			.19	.47			1.62
Gravette	Arkansas				.23		1.22		.20									2.20					1.16						.09				5.10
Green Forest[2]	White				.03		.85	.01	.62		.01							.09				.14	.05	3.15	.32	1.97							7.24
Green Mountain	White					.50	*	.20	1.20							.50		.10				T.		.20		.60	.70						4.00
Greenwood[2]	Arkansas							.25		.23								.85							.69								2.02
Harrisburg[2]	St. Francis				.10			*	*	.65						.12							*	*	*	*	.35						1.22
Harrison	White				T.		.94	.14	.69					T.				.49					.40	.04	.12	.15	.87						3.84
Heber Springs[2]	White	.51				.88	.25											T.	.12					.05				.49					2.30
Helena[2]	Mississippi	.04						1.36											.03					.08	.10				.08	.02			1.71
Henderson[2]	White				.20	.70	.75	.70		.35								.75					.55		1.50		.20						5.70
Highland	Ouachita													.15													.25	.20					0.60
Hope[2]	Red	T.					.05				.26				T.	T			T.				T.			.02	1.73	.65	.05	.61			3.37
Hot Springs	Ouachita					.06	.06		.02		.01							.06			T.	.05	.88	.22				1.74	.10				3.20
Huttig[2]	Ouachita	T.								.30	1.14					T.			.31								.28		.08	T.			2.11
Index[2]	Red	T.																								.10							0.10
Irons Fork[2]	Ouachita							.45		.10	.07				.35			1.36	.13														....
Jessieville	Ouachita						.89		1.53		.83															T.							3.25
Jonesboro[2]	White	.50				.20	.01	.02		.13						.04		.31					.31	.80			.04	.01					2.37
LaCrosse[2]	White	.04				.35	.13	.24		.51							.15	.59				.02					1.62						3.65
Lake City[2]	St. Francis					.70	.63			.50		.52															.52				.50		3.37

Daily Precipitation for June, 1943 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Lead Hill	White	....	....	....	.19	T.	.46	.09	.14	....	....	T.	....	.07	....	....	.06	.41	....	.01	T.	T	.01	.01	.02	.60	.11	T.	....	....	....	2.18
Little Rock[1]‡	Arkansas	....	....	....	T.	.29	T.	....	.21	....	.22	....	....	.02	T	....	....	T.	....	....	T.	....	.92	1.06	....	....	T.	....	.09	....	....	2.81
Lutherville	Arkansas	....	....	....	....	....	.08	....	.84	.16	T.	.11	....	....	....	....	....	.47	....	....	....	....	....	.10	....	.74	....	....	....	....	....	2.50
Madison[2]	St. Francis	....	....	....	....	....	....	.40	....	.85	....	....	....	....	....	.60	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.85
Magnolia	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	....	....	....	.42	2.40	.03	....	....	3.20
Mammoth Spg[2]	White	....	....	....	....	.50	.33	.72	....	.15	....	....	....	....	.02	T.	.03	1.06	....	....	....	....	.36	....	.46	....	.16	....	....	....	....	3.79
Marianna[2]	St. Francis	....	....	....	....	T.	....	1.25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.22	.10	....	2.57
Marked Tree[2]	St. Francis	1.66	....	....	....	1.07	.05	.02	....	.76	....	....	.06	....	....	1.56	....	....	....	....	....	....	.19	....	....	....	....	.13	....	....	....	5.50
Marshall[2]	White	....	....	....	....	.18	....	.18	.04	.07	....	....	.04	....	....	.02	....	.20	....	....	....	....	.51	.20	.05	.05	.19	.03	.18	....	....	1.94
Marvell[2]	White	....	....	....	....	....	....	.19	....	....	....	....	....	.05	....	....	....	....	....	....	....	....	....	....	1.71	1.58	....	.15	T.	.35	....	‡4.03
Mena[2]	Ouachita	....	....	....	....	.03	.03	.15	....	....	.05	....	....	....	....	....	....	1.35	.76	....	....	....	.67	....	1.49	.01	T	T.	T.	.12	....	4.66
Monticello[1]‡	Ouachita	....	....	....	....	....	T.	T	.32	....	....	....	....	....	....	....	....	.04	....	....	....	....	T	.40	T.	.11	....	T.	.02	T	....	0.89
Morobay[2]	Ouachita	....	....	....	....	....	....	....	....	.24	.06	....	....	....	....	....	....	....	....	....	....	....	.31	.45	....	....	.25	.63	.17	.95	....	3.06
Morrilton[2]	Arkansas	T.	....	....	....	.74	....	.26	....	2.48	....	....	....	....	....	.10	....	....	....	T	....	....	T.	.04	....	....	....	....	....	T.	....	3.62
Mountainburg	Arkansas	....	....	....	1.89	.35	.45	....	.17	1.70	T.	.29	....	....	T.	....	....	1.40	....	.25	T	....	....	.02	....	....	.90	....	....	....	....	7.42
Mountain Home	White	....	....	....	.30	.10	.10	.25	.25	....	....	....	....	....	....	....	....	.65	....	....	.20	1.15	T.	....	....	....	....	....	....	....	....	3.00
Mountain Valley	Ouachita	....	....	....	....	....	....	....	1.62	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.28	....	....	2.90
Mtn. View[2]	White	T.	....	....	....	....	.69	.28	....	.26	....	....	....	....	....	.46	....	.52	....	....	....	....	....	.50	....	....	.45	.10	.20	....	....	3.46
Mount Ida	Ouachita	....	....	....	....	.08	....	....	.58	....	....	....	....	....	....	....	....	.24	....	....	....	....	....	....	....	....	....	.87	1.05	....	....	2.82
Mulberry[2]	Arkansas	....	....	....	....	.26	....	.65	....	.28	.10	....	.04	....	....	....	....	1.09	....	....	....	.02	....	.14	.11	....	....	....	....	....	.03	2.72
Nashville	Red	....	....	....	....	....	....	....	....	T.	....	....	....	.08	....	....	....	1.03	....	....	....	.20	....	T	....	....	.21	T.	T.	....	....	1.52
Newhope[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	.38	....	....	....	.28	....	....	....	....	....	....	....	....	.32	.18	.05	....	1.21
Newport[2]	White	.27	....	....	....	1.00	....	.17	....	.20	....	....	....	....	....	....	....	T	....	....	....	....	T.	.25	.05	....	.65	.85	....	....	....	3.44
Nimrod Dam	Arkansas	....	....	....	....	.19	....	....	.33	....	....	....	....	....	....	....	....	.10	....	....	....	.22	....	....	.08	.03	....	....	.21	....	....	1.16
Odell[2]	Arkansas	....	....	....	.05	.07	.16	.80	....	.67	.15	....	....	....	.46	....	....	2.87	....	....	....	....	.16	....	.33	....	....	....	....	....	....	5.72
Oden	Ouachita	....	....	....	....	....	.03	....	.26	.31	....	....	....	.40	....	....	....	.91	....	....	....	....	....	.02	....	.30	....	.39	1.15	....	....	3.77
Okay	Red	....	....	....	....	....	.08	....	.25	.29	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.16	....	.25	....	....	1.03
Osceola[2]	Mississippi	2.60	....	....	....	.37	.33	.31	....	.06	....	....	....	....	....	.24	....	....	....	....	....	....	....	....	....	....	.03	T.	.02	....	....	3.96
Ozark[1]	Arkansas	....	....	....	....	T	....	.09	....	.11	.21	....	....	....	....	T.	....	.41	.03	....	....	....	T	.14	....	....	T.	T	....	....	....	0.99
Paragould	St. Francis	....	....	....	1.36	.47	....	.05	.40	....	.12	....	....	....	.03	....	.29	.05	....	....	....	....	.22	.06	T.	....	....	....	....	....	....	3.05
Parkin[2]	St. Francis	.20	....	....	....	....	.84	....	....	.43	....	....	....	....	....	.24	....	....	....	....	....	....	....	.29	....	....	....	....	....	....	....	2.00
Perryville	Arkansas	....	....	....	....	1.68	.08	.64	.31	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	....	....	2.83
Pine Bluff[2]	Arkansas	T.	....	....	....	....	....	....	....	.07	T	....	....	....	....	....	....	....	....	....	....	....	....	.06	....	.85	.03	T	.08	.34	....	1.43
Pine Ridge[2]	Ouachita	....	....	....	....	....	....	.15	....	.62	.10	....	....	....	.52	....	....	....	....	....	....	....	....	....	....	....	.09	.16	.98	1.64	....	4.26
Pocahontas	White	....	....	....	.74	....	.55	.12	.22	....	....	....	....	....	....	.15	.02	.27	....	....	....	....	.32	....	.29	....	.32	....	.40	....	....	3.40
Portland[2]	Ouachita	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	.53	....	.05	.08	.30	1.06
Prescott[2]	Ouachita	....	....	....	....	....	....	....	....	....	.09	.04	....	....	....	....	....	....	....	....	....	....	....	.22	T.	.01	.09	.62	.05	.07	....	1.19
Rogers	White	....	....	....	.10	.23	.82	....	....	....	....	....	....	....	....	....	....	1.04	....	....	....	....	1.30	....	1.15	.97	....	....	....	....	....	5.61
Rosebud	Arkansas	....	....	....	....	.82	....	....	....	1.14	.28	....	....	....	....	....	....	....	....	....	....	.12	.14	....	....	.15	....	1.42	.28	....	....	4.35
Russellville	Arkansas	....	....	....	2.30	.08	.47	....	1.45	....	....	.27	....	....	....	....	....	.40	....	....	....	....	....	.35	....	....	.01	....	....	....	....	5.33
St. Charles[2]	White	T	....	....	....	....	....	....	....	.46	....	....	....	....	....	....	T	....	....	....	....	....	....	....	....	....	.05	T.	....	1.02	....	1.53
St. Francis[2]	St. Francis	.26	....	....	....	.62	....	.12	....	.03	....	.10	....	....	....	....	....	.42	....	....	....	....	.23	....	.23	....	....	....	.28	....	....	2.29
St. Paul[2]	White	....	....	....	.10	.98	.10	1.15	....	.17	....	....	.14	.10	....	....	....	.39	....	....	....	....	....	....	....	1.05	1.18	.77	....	....	....	6.13
Searcy[2]	White	.09	....	....	....	.44	.14	T.	....	1.10	....	.13	....	....	....	....	....	.12	....	....	....	....	....	....	.46	....	....	....	.04	....	....	2.52
Sheridan	Ouachita	....	....	....	....	....	.15	....	....	.27	....	....	....	....	....	....	....	....	....	....	....	....	.05	1.20	....	.04	.21	.05	.02	.04	....	2.03
Shirley[2]	White	.13	....	....	....	.10	.06	....	....	.47	....	....	....	....	....	.35	....	....	....	....	....	....	.31	....	T.	....	....	T	....	....	....	1.42
Siloam Springs	White	....	....	....	.21	....	1.23	....	.21	....	.01	....	....	.07	T.	....	....	1.72	....	....	....	....	.48	....	....	T.	....	....	.09	....	....	4.02
Sparkman[2]	Ouachita	....	....	....	....	....	.45	....	.17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.06	....	.12	.48	.80	....	....	....	2.08
Springbank[2]	Red	....	....	....	....	....	.08	.13	....	.03	.78	....	T.	T	.17	....	....	....	....	....	....	....	....	T.	....	....	T.	.24	.26	T.	....	1.69
Stamps[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	.85	....	....	....	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	1.00
Stephens[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.71	....	....	....	....	....	....	....	0.71
Story[2]	Ouachita	....	....	....	....	....	....	....	....	.17	....	....	....	....	....	....	....	....	.09	....	....	....	.32	....	....	....	....	....	1.58	.26	....	2.42
Stuttgart[2]	Arkansas	....	....	....	....	....	....	.02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	....	....	.07	....	.87	....	0.99
Stuttgart Evap[2]	Arkansas	....	....	....	....	....	.03	.17	....	.07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.01	1.08	....	1.36
Subiaco	Arkansas	....	....	....	....	.06	.56	.46	....	.02	....	.29	....	....	....	....	....	.88	....	....	....	.81	.76	....	.50	....	....	....	....	....	....	4.34
Sugar Grove[2]	Arkansas	....	....	....	....	.10	....	.53	T.	1.30	....	....	T.	....	....	....	....	.75	.11	....	....	....	.10	1.01	.13	.08	....	....	.38	.10	....	4.59
Texarkana[1]	Red	....	....	....	....	.01	.05	.47	....	....	....	....	T.	.51	....	....	....	....	....	....	....	T.	....	T	....	....	T.	.73	.65	.12	....	2.54
Tichnor[2]	White	....	....	....	....	....	....	.17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.19	....	.10	....	.55	....	T.	.53	....	1.54
Turnpike	Arkansas	....	....	....	.05	....	.18	T.	.39	....	....	.81	....	....	....	....	....	.50	....	....	.47	.09	....	.41	....	.21	.04	....	....	....	....	3.15
Viola	White	....	....	....	.12	.05	.40	....	....	....	....	....	....	....	....	.49	....	.90	....	....	....	....	.45	....	.25	....	.84	....	....	....	....	3.50
Wabash	Mississippi	....	....	....	....	....	....	.60	.88	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	....	.08	....	....	....	1.56
Waldron	Arkansas	....	....	....	....	.48	.06	.12	.25	.08	....	....	....	....	....	....	....	.39	....	.10	....	....	.59	.31	....	....	....	....	.15	....	....	2.53
Walnut Grove	White	....	....	....	....	.18	....	.17	.08	....	....	....	....	....	.38	....	....	.42	....	....	....	....	3.95	.16	T.	....	....	.54	....	....	....	5.88
Warren	Ouachita	....	....	....	....	....	....	....	.35	.12	....	....	....	....	....	....	.12	.05	.02	....	....	T	....	.85	....	....	....	.15	.10	.85	....	2.61
Whitecliffs[2]	Red	....	....	....	....	....	....	T.	....	1.47	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	T.	T.	....	T	....	1.47
White Rock	Arkansas	....	....	....	1.68	T	.90	....	.55	.16	....	T.	T.	....	....	....	....	1.37	....	....	....	.09	....	.15	....	....	.59	....	.36	T.	....	5.85
Wilson[2]	Mississippi	1.05	....	....	....	....	....	.70	....	.37	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.12
Wright	Arkansas	....	....	....	....	....	.03	....	.57	....	.07	....	....	....	....	....	....	....	....	....	....	.18	....	....	....	....	....	.02	.07	....	....	0.94
Wynne[2]	St. Francis	.62	....	....	....	....	.30	....	....	1.65	....	....	....	....	....	.20	....	....	....	....	....	....	.25	....	....	....	....	.15	....	....	....	3.17

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for June, 1943

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Monthly
Bethesda §§	Evap.	.047	.557	.080	.246	.266	.286	....	.144	.190	.254	.276	.180	.379	.321	.060	.348	.427	.219	.274	.239	.248	.222	.252	.257	.241	.182	.170	.242	.222	.373	7.202
	Mean tem.	77	80	80	82	76	78	76	74	74	76	78	80	79	80	80	80	76	74	74	80	81	78	78	78	81	80	80	79	74	66	77.5
	Wind move	132	145	181	100	61	27	38	21	29	16	25	22	40	40	30	36	49	31	14	19	27	27	27	26	18	21	18	23	53	67	1363
Hope Exp. Farm §§	Evap.	.175	.207	.290	.223	.246	.238	.205	.142	.270	*	.455	.242	.252	.221	.238	.262	.314	.283	.266	.231	.294	.254	.242	.147	.281	....	....	....	.198	.272	6.448
	Mean tem.	80	81	82	84	82	78	81	79	78	80	82	82	82	80	82	83	81	81	82	82	84	86	84	84	83	85	82	82	81	79	81.4
	Wind move	55	63	69	56	87	44	27	26	38	23	22	29	32	24	34	43	64	19	13	14	24	30	23	21	16	28	17	14	21	69	995
Irons Fork Exp. Forest §§	Evap.	.198	.140	.233	.162	.122	.093	.022	.201	.236	.112	.171	.196	.241	.103	.170	.201	.242	.169	.206	.189	.182	.198	....	....	....	....	....	....	....	....	....
	Mean tem.	76	78	79	81	78	74	77	75	72	74	76	77	79	78	78	76	74	72	76	80	78	....	....	....	....	....	....	....	....	....	....
	Wind move	18	6	13	3	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0	0	0	1	....	....	....	....	....	....	....	....	....
Russellville	Evap.	....	....	.232	....	.085	.201	.277	*	.432	.226	.094	.350	.286	.234	.268	.232	.201	.308	.022	.419	.120	.060	.423	....	....	.095	.149	.082	.093	....	4.889
	Mean tem.	80	82	83	84	78	81	80	79	78	80	80	82	82	81	82	81	80	76	78	84	83	80	82	80	82	82	82	81	78	69	80.4
	Wind move	31	24	24	22	31	20	10	11	25	3	13	12	15	12	13	9	15	10	10	3	5	9	14	16	1	5	17	18	42	25	465
Stuttgart, Rice Exp. Farm §§	Evap.	.204	.128	.290	.255	.288	.155	.245	.226	.166	.195	.212	.264	.381	.229	.169	.303	.406	.166	.271	.283	.243	.263	.210	.203	.192	.184	.197	.178	.101	.308	6.915
	Mean Tem.	79	82	81	84	81	82	81	81	78	80	83	83	83	84	84	84	82	82	81	84	85	84	85	84	84	84	83	82	76	70	81.8
	Wind move	156	162	168	166	85	41	56	37	22	10	33	25	49	28	46	58	56	32	18	12	24	14	29	16	15	20	16	13	41	79	1527

Daily Temperatures for June, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	85	84	87	89	88	87	90	87	87	89	91	89	90	90	90	91	90	90	93	94	96	93	94	95	92	89	94	90	84	83	89.7
	Minimum	72	76	74	74	66	69	68	67	64	67	69	69	70	69	70	72	70	67	64	71	71	68	70	68	71	71	72	69	72	60	69.3
Arkadelphia §§	Maximum	87	90	88	91	91	84	94	93	91	92	94	92	94	92	94	94	94	94	97	99	100	98	95	95	97	95	94	94	87	84	92.8
	Minimum	70	70	73	73	70	71	69	69	67	68	70	71	72	72	72	73	70	68	63	72	73	71	68	70	72	72	73	70	72	63	70.2
Batesville ***	Maximum	85	88	90	88	90	89	85	84	87	92	91	92	92	92	92	94	88	90	94	96	97	92	93	94	94	95	95	93	83	79	90.5
	Minimum	74	74	75	68	66	67	70	67	64	66	68	71	70	73	71	71	68	62	61	67	71	68	68	66	72	69	71	70	62	55	68.2
Bee Branch	Maximum	85	85	84	86	88	88	89	89	90	89	90	89	90	98	93	91	89	91	91	93	94	95	93	95	95	91	93	92	86	84	90.2
	Minimum	68	69	68	70	63	66	65	66	63	64	65	66	68	67	68	67	65	62	58	67	66	65	67	65	68	68	69	68	65	55	65.7
Benton §§	Maximum	85	87	87	89	89	90	92	89	91	91	91	90	91	90	90	91	87	91	94	94	97	95	94	94	94	92	92	93	84	80	90.5
	Minimum	69	72	73	72	65	66	65	66	63	64	66	68	68	69	70	70	66	65	62	63	63	66	68	66	67	70	69	67	68	55	66.7
Bentonville §§	Maximum	88	86	84	87	87	76	86	79	85	85	90	90	90	88	89	90	84	87	92	93	94	92	94	92	92	94	93	85	75	78	87.5
	Minimum	69	72	73	65	67	65	64	67	66	66	68	70	69	72	71	70	64	61	65	70	72	68	70	68	67	67	68	70	65	50	67.3
Bluff City	Maximum	87	90	90	91	90	88	94	93	93	93	95	92	92	94	94	93	95	94	97	97	97	95	97	95	96	95	93	95	87	82	92.8
	Minimum	72	75	76	75	74	73	70	69	68	66	71	77	71	71	72	74	71	68	67	73	73	72	69	69	72	71	71	70	73	61	70.9
Blytheville	Maximum	85	87	88	90	90	90	85	82	85	91	92	93	95	94	91	92	87	87	90	95	95	93	94	94	93	91	96	94	85	76	90.0
	Minimum	72	72	74	73	69	68	70	68	68	68	70	73	73	73	72	74	67	67	66	71	71	70	72	71	73	73	73	73	72	57	70.4
Booneville	Maximum	85	87	87	90	89	87	91	92	91	92	91	90	90	90	91	93	89	88	93	93	95	94	92	95	95	92	93	92	84	83	90.5
	Minimum	75	75	76	77	70	70	67	67	65	70	69	71	73	71	71	68	65	63	67	73	72	70	69	69	73	71	70	70	72	58	69.9
Brinkley ***	Maximum	88	90	89	91	91	91	90	91	88	91	93	92	94	92	93	94	93	91	95	96	99	95	92	95	93	94	94	93	82	79	91.6
	Minimum	73	71	75	76	67	66	70	68	65	66	69	71	71	71	73	71	68	67	62	65	69	68	70	69	69	70	71	70	65	58	68.9
Camden	Maximum	89	89	90	95	92	86	93	95	94	94	95	94	97	97	94	96	95	96	100	100	99	100	100	98	99	97	99	95	86	83	94.7
	Minimum	73	71	75	75	73	72	71	69	67	67	70	70	76	71	73	75	69	68	68	71	71	72	69	69	71	73	71	70	73	59	70.7
Camp Robinson ***	Maximum	90	90	89	93	93	90	92	91	89	91	94	94	96	95	94	95	88	93	96	99	97	96	93	96	96	95	93	95	85	83	92.7
	Minimum	71	74	73	59	58	70	69	58	55	66	68	70	71	71	76	72	70	69	67	68	66	65	69	68	71	70	70	70	67	59	67.7
Clover Bend	Maximum	88	89	89	90	91	86	90	86	85	91	91	93	94	92	94	92	87	84	92	95	98	93	92	94	95	95	96	95	81	79	90.6
	Minimum	65	68	70	64	63	72	65	72	63	63	61	63	67	69	67	67	69	58	66	66	65	65	67	65	66	66	66	68	69	57	65.7
Conway	Maximum	86	90	90	92	91	88	92	86	92	93	93	93	93	94	93	94	92	92	95	96	96	97	95	96	97	96	95	95	88	85	92.5
	Minimum	74	73	75	75	68	71	70	71	66	70	70	72	72	73	73	73	69	67	65	72	71	69	71	70	73	71	72	70	72	57	70.5
Corning	Maximum	85	87	90	90	92	89	82	80	87	87	92	95	95	92	92	91	86	89	91	95	95	92	92	93	91	93	95	93	81	76	89.6
	Minimum	72	72	73	69	65	68	69	66	66	66	69	70	73	74	70	73	66	61	62	64	68	68	71	69	72	70	72	72	69	54	68.4
Crossett	Maximum	91	91	89	92	93	90	94	94	93	93	94	92	94	94	94	94	93	93	95	96	95	96	96	94	95	95	94	94	87	84	93.0
	Minimum	73	73	74	72	69	68	69	66	65	64	69	68	68	69	69	69	68	67	66	65	67	67	70	66	67	68	67	70	71	63	68.2
Dardanelle	Maximum	88	88	90	92	92	89	91	92	90	89	95	93	93	92	93	94	93	94	95	98	97	91	95	95	95	95	95	94	87	84	92.3
	Minimum	74	73	75	75	67	73	68	71	67	70	70	72	72	72	73	71	66	64	65	73	72	68	69	68	71	71	71	70	71	58	70.0
De Queen	Maximum	..	..	..	..	87	88	90	90	88	91	90	89	88	89	89	89	90	91	93	92	94	95	93	91	95	94	92	90	86	83	90.4
	Minimum	..	..		..	72	70	67	68	68	69	67	70	72	70	72	72	69	63	70	74	72	74	70	71	71	72	72	71	73	61	70.0
Des Arc	Maximum	87	89	89	92	90	93	88	89	88	91	92	92	92	91	92	93	93	89	91	94	96	95	94	94	94	95	95	93	93	81	91.5
	Minimum	74	73	75	76	67	70	71	68	67	69	70	73	74	74	73	74	71	69	67	69	72	69	72	69	73	71	72	70	74	60	70.9
Devils Knob	Maximum	79	79	80	82	81	81	83	78	83	82	84	84	83	83	82	84	83	83	84	86	87	85	85	86	86	83	86	83	75	73	82.4
	Minimum	64	68	68	69	66	63	63	65	63	66	68	69	70	69	69	68	59	67	67	71	68	66	68	68	69	63	70	68	62	54	66.3
Dumas	Maximum	91	92	92	95	96	93	96	98	90	95	96	96	96	97	97	97	99	95	97	101	99	99	95	96	97	96	94	87	86	84	94.7
	Minimum	72	73	75	75	72	71	74	71	68	70	72	72	72	73	74	73	72	70	70	70	71	72	73	71	74	74	75	71	73	57	71.7
El Dorado	Maximum	90	91	91	93	92	93	94	93	94	94	94	94	93	95	94	94	93	96	98	97	97	98	99	96	96	97	96	93	90	85	94.0
	Minimum	74	75	78	76	74	73	72	74	69	69	72	72	73	74	75	75	73	69	71	74	74	73	71	72	74	76	72	72	74	62	72.7
England	Maximum	84	87	91	92	92	92	91	90	89	94	90	88	90	92	94	94	89	95	94	99	97	95	90	94	94	93	93	92	93	81	91.7
	Minimum	67	73	76	72	65	68	67	65	68	64	67	68	70	75	69	70	72	66	66	66	68	71	65	72	75	70	70	71	71	54	68.7
Eureka Springs	Maximum	84	85	83	86	86	81	84	81	87	85	88	88	88	88	89	88	85	89	90	90	90	89	90	88	88	90	91	91	81	77	86.7
	Minimum	73	72	72	64	66	65	64	66	62	68	69	71	70	70	71	67	64	60	65	71	71	66	68	65	67	66	68	71	62	52	66.9
Fayetteville	Maximum	84	86	82	87	85	80	90	82	87	86	90	89	89	88	89	89	84	87	91	91	91	90	88	86	87	91	91	87	80	80	86.9
	Minimum	72	72	72	72	70	66	66	67	62	69	68	70	72	72	72	70	64	58	63	71	70	68	71	69	69	67	68	71	66	54	68.0
Fayetteville Exp. S	Maximum	84	84	84	86	85	81	89	86	85	85	87	87	87	86	88	88	87	85	89	90	91	90	89	85	88	92	91	87	80	77	86.4
	Minimum	72	72	72	70	70	70	65	65	62	69	71	70	70	72	71	69	61	58	62	70	69	63	60	65	70	65	68	70	65	51	67.2
Fordyce	Maximum	93	91	89	92	91	88	93	93	91	93	94	93	94	95	95	95	96	97	97	99	97	97	98	100	96	96	100	94	90	90	94.2
	Minimum	69	71	73	72	70	70	69	68	65	64	69	69	70	71	71	73	69	67	65	69	71	70	66	67	70	70	69	67	65	66	68.8
Fort Smith ***	Maximum	85	88	88	92	88	82	91	86	88	91	93	92	93	91	91	93	87	89	95	94	94	92	91	93	94	93	95	88	83	81	90.0
	Minimum	78	76	75	75	72	66	70	70	68	70	72	75	76	75	75	74	65	66	70	74	72	72	73	72	74	73	73	72	67	61	71.7
Gilbert §§	Maximum	86	87	90	90	90	80	84	80	88	84	87	90	92	90	90	92	87	90	92	95	90	88	91	93	93	93	94	88	80	74	88.3
	Minimum	63	70	70	75	63	66	66	67	66	64	64	65	67	64	64	61	65	57	60	60	63	65	65	64	68	68	68	66	66	48	64.7
Grannis	Maximum	83	86	85	88	89	79	89	90	92	91	91	90	88	88	89	90	90	96	94	93	95	97	96	95	96	97	94	92	83	82	90.0
	Minimum	70	70	69	71	69	68	69	67	64	63	68	68	69	67	68	69	65	62	67	71	69	67	66	67	70	68	66	66	70	55	67.3
Gravette	Maximum	85	85	83	86	85	85	89	85	88	87	89	89	89	87	88	88	85	87	89	89	91	88	90	91	89	94	93	91	81	78	87.5
	Minimum	73	73	72	65	66	64	64	65	62	65	68	69	68	71	69	69	63	58	65	73	71	66	69	70	69	68	67	68	65	52	66.9
Green Mountain	Maximum	90	84	89	87	90	86	80	84	86	89	93	95	98	97	95	93	90	87	90	91	98	87	90	92	91	91	93	89	83	80	89.6
	Minimum	75	74	76	65	63	70	66	67	65	65	73	76	73	74	72	71	66	64	66	69	69	65	66	73	71	67	67	70	63	53	68.5
Harrison	Maximum	85	87	87	89	89	84	86	85	85	87	90	90	90	89	90	89	88	87	89	92	90	86	88	91	91	92	92	85	81	79	87.8
	Minimum	74	73	73	68	64	66	67	65	67	67	66	69	68	70	70	71	66	58	60	69	67	66	67	65	67	68	68	69	65	52	66.9
Helena	Maximum	85	87	87	89	91	90	87	88	87	90	92	91	91	90	90	91	92	88	92	94	91	95	94	92	93	94	95	91	85	79	90.1
	Minimum	72	73	74	75	68	70	70	71	66	67	71	71	74	73	74	75	70	71	69	68	71	70	72	70	72	72	72	72	72	60	70.8
Highland	Maximum	84	85	84	86	88	87	88	87	88	89	89	91	90	89	90	91	90	91	91	95	95	94	95	..	..	..	..	..	..	..	....
	Minimum	67	66	71	73	66	65	67	66	65	66	69	70	69	68	69	69	67	68	67	70	71	67	70	..	..	..	..	..	..		....
Hope §§	Maximum	87	89	90	92	91	83	94	92	90	94	95	93	93	92	92	93	94	96	98	97	99	98	99	98	99	95	94	91	86	81	92.9
	Minimum	72	73	75	75	74	72	68	66	67	65	68	71	72	69	72	73	68	66	67	70	72	71	69	68	71	69	71	71	72	61	69.9
Hot Springs	Maximum	86	88	89	90	89	87	94	88	91	93	94	93	91	93	94	93	90	95	94	96	93	91	96	95	92	92	95	91	86	85	91.6
	Minimum	73	73	74	74	68	70	70	68	65	69	71	73	72	72	74	75	68	67	70	74	72	70	67	69	72	73	72	71	70	58	70.5
Irons Fork §§	Maximum	83	85	85	88	88	80	90	89	87	90	90	89	89	89	88	90	86	89	91	91	93	..	..	..	..	..	..	..	..	..	....
	Minimum	70	71	72	74	68	67	61	61	58	59	62	65	69	67	68	63	62	55	61	68	64	63	..	..	..	..	..	..	..	..	....
Jonesboro	Maximum	85	86	88	86	91	89	87	85	82	85	92	92	93	93	91	93	86	86	90	94	94	90	90	88	91	86	85	94	82	79	88.4
	Minimum	73	73	75	73	68	68	70	69	66	67	70	72	73	74	72	74	69	65	64	66	70	69	70	70	73	72	73	73	73	58	70.1
Lead Hill	Maximum	87	89	88	89	83	84	86	82	87	89	91	93	89	92	92	91	86	89	91	92	92	88	90	92	91	92	94	87	84	79	88.6
	Minimum	68	65	73	67	63	64	67	68	64	65	65	65	68	68	68	64	67	57	57	66	67	65	64	64	65	67	69	69	66	47	65.1
Little Rock ***	Maximum	86	89	88	91	92	88	90	88	89	90	93	92	93	92	91	94	89	92	95	96	98	97	92	94	94	94	92	94	85	81	91.4
	Minimum	74	74	76	71	71	73	71	70	68	70	71	73	75	74	75	76	72	71	69	72	74	71	71	72	76	74	74	71	68	61	71.9
Lutherville	Maximum	83	85	87	88	82	81	88	87	87	88	88	88	90	89	88	89	89	88	90	93	93	92	91	93	93	91	91	87	82	82	88.1
	Minimum	72	72	72	73	67	70	65	67	65	68	67	71	70	72	70	68	63	61	62	70	70	66	67	66	70	68	69	67	67	55	67.7
Magnolia	Maximum	90	90	91	93	93	85	96	96	95	95	96	95	94	95	95	96	96	97	100	101	100	96	99	..	..	..	..	98	93	85	94.7
	Minimum	73	73	78	75	72	72	69	68	68	66	70	70	72	71	72	65	70	..		..	..	72	70	71	71	74	71	70	73	63	70.7
Mammoth Spring	Maximum	88	88	90	91	90	88	83	83	87	89	..	..	..	..	..	..	86	89	92	94	96	91	92	94	93	95	96	92	81	80	89.5
	Minimum	70	69	62	66	68	66	68	63	64	64	67	69	69	70	69	68	65	59	59	61	68	61	72	68	70	70	72	70	67	54	66.3
Marianna §§	Maximum	85	88	90	92	92	93	87	88	88	91	92	92	93	93	94	95	92	91	93	96	96	95	94	94	95	93	93	93	84	79	91.4
	Minimum	73	73	73	73	68	68	69	72	67	68	71	71	72	73	73	73	69	69	68	65	69	69	71	70	71	71	70	72	73	57	70.0
Marked Tree §§	Maximum	86	88	88	91	90	91	85	89	86	92	93	93	94	90	90	92	89	90	92	95	97	93	94	95	94	95	94	94	83	80	90.8
	Minimum	66	73	75	73	69	68	70	69	68	69	70	72	73	73	67	73	69	67	65	66	69	70	70	70	72	72	72	71	74	57	69.7
Mena	Maximum	85	86	87	90	90	88	93	90	90	93	92	93	92	90	90	92	93	92	95	93	96	92	92	85	92	92	94	90	82	81	90.3
	Minimum	72	72	73	75	69	70	69	67	65	66	68	70	72	71	72	68	65	60	66	72	70	67	68	67	69	69	67	70	70	60	68.6
Monticello ***	Maximum	89	92	91	92	93	91	95	96	92	94	95	93	96	98	96	98	95	94	96	98	97	96	98	94	95	95	96	96	87	84	94.1
	Minimum	72	74	75	75	72	72	73	70	67	65	71	71	68	73	73	73	74	69	74	73	72	71	67	67	75	72	73	71	72	69	71.4
Morrilton §§	Maximum	85	89	89	91	94	86	92	89	90	99	92	90	94	93	95	95	89	91	98	94	92	95	94	94	96	95	95	94	82	81	91.5
	Minimum	69	73	74	75	68	70	70	71	65	66	71	73	73	73	73	74	69	67	67	67	72	69	70	71	73	72	70	69	71	60	70.2
Mountain Home	Maximum	87	88	88	90	89	89	88	82	89	90	90	92	92	92	93	93	87	90	90	93	93	89	91	94	92	91	94	87	85	79	89.6
	Minimum	65	65	69	65	63	65	66	65	63	64	65	68	65	66	67	65	65	58	59	66	65	66	65	65	69	67	67	68	64	51	64.8
Mt. Ida	Maximum	86	87	87	90	89	83	93	89	89	92	92	91	88	91	91	92	89	92	95	95	96	95	96	95	94	96	96	93	81	81	90.8
	Minimum	74	74	75	76	66	67	64	65	65	66	66	67	68	66	65	68	65	58	61	66	68	67	65	65	67	68	68	66	69	53	66.6
Nashville	Maximum	87	..	..	90	90	81	93	92	93	94	93	91	92	92	92	92	92	92	96	96	98	97	97	96	97	97	96	93	88	83	92.6
	Minimum	71	..	..	74	74	71	68	69	68	67	72	71	72	71	73	74	71	69	70	74	73	73	71	71	73	73	73	72	75	64	71.3
Newport	Maximum	87	89	89	92	92	91	86	88	89	92	95	93	94	94	93	94	88	91	93	95	98	95	95	95	94	92	95	94	83	80	91.5
	Minimum	75	73	75	70	68	70	71	70	68	69	70	76	72	75	75	74	70	66	64	69	73	70	71	70	74	73	73	73	75	59	71.0
Oden ***	Maximum	86	87	88	88	88	81	93	90	87	90	92	90	90	88	89	90	87	91	93	93	96	92	92	94	90	91	94	90	90	83	89.8
	Minimum	75	75	76	76	69	70	71	68	67	68	69	70	71	70	70	68	67	63	66	72	71	71	69	70	70	70	70	71	72	57	69.7

Daily Temperatures for June, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Okay	Maximum	88	88	90	91	93	89	93	92	93	95	95	94	92	91	92	92	95	95	95	97	97	98	98	97	99	97	95	96	89	87	93.4
	Minimum	71	72	74	76	74	71	67	69	69	66	72	71	71	69	72	72	69	66	69	73	71	71	70	70	71	71	71	70	64	62	70.1
Ozark	Maximum	87	88	89	90	89	80	90	90	91	90	91	93	91	92	92	95	90	90	92	96	95	94	90	95	95	96	94	90	82	83	90.7
	Minimum	75	75	76	73	69	71	67	70	69	69	71	71	74	72	70	69	65	62	67	74	73	70	70	70	73	71	70	70	72	54	70.1
Paragould	Maximum	87	87	89	91	91	91	91	82	87	90	94	94	95	92	93	91	87	89	93	95	96	95	95	96	92	92	96	97	83	72	90.8
	Minimum	72	73	75	68	67	68	68	68	67	67	69	71	71	74	71	72	66	64	62	64	68	68	72	70	71	71	71	71	70	56	68.8
Perryville	Maximum	89	90	91	93	92	90	90	89	88	93	94	93	93	93	94	94	92	91	95	96	96	95	94	94	95	94	95	92	84	83	92.1
	Minimum	66	70	75	74	65	69	68	68	63	66	68	70	70	69	69	70	69	63	62	69	69	66	70	67	69	70	70	67	69	56	67.9
Pine Bluff	Maximum	90	92	91	94	94	90	95	92	93	95	97	96	97	96	95	97	95	95	99	101	102	99	99	98	96	98	96	96	84	85	94.9
	Minimum	74	74	77	76	72	73	72	75	70	70	75	74	74	74	74	77	73	74	70	73	74	74	73	74	75	76	75	71	73	62	73.3
Pocahontas	Maximum	87	88	88	90	93	91	89	85	87	91	94	93	95	94	92	94	87	89	92	95	96	93	94	97	95	96	96	96	81	78	91.2
	Minimum	72	72	75	67	64	67	69	66	64	65	69	70	70	73	70	71	65	60	60	65	66	67	71	69	71	72	72	72	69	55	67.9
Portland	Maximum	90	90	90	92	93	90	95	96	95	95	96	97	96	95	96	96	94	97	100	102	99	100	97	97	95	93	94	96	91	85	94.7
	Minimum	73	74	70	75	73	70	72	71	72	70	70	76	71	72	72	72	72	67	67	67	70	73	73	69	71	71	73	70	72	62	70.8
Prescott	Maximum	88	90	90	94	93	92	95	95	94	95	96	94	94	95	95	95	96	96	97	99	98	98	98	98	97	97	96	94	86	85	94.3
	Miuimum	73	75	75	76	74	73	69	70	69	67	71	73	73	71	73	75	72	70	69	73	73	73	70	70	74	72	72	71	74	62	71.7
Rogers	Maximum	88	86	84	87	87	86	87	79	86	89	87	90	89	88	88	89	85	87	90	90	91	89	90	88	90	89	91	83	75	76	86.8
	Minimum	69	73	68	65	67	67	65	67	65	69	70	72	70	71	70	69	64	60	61	70	71	66	67	68	68	69	68	70	64	53	67.2
Russellville	Maximum	86	89	89	92	90	90	90	89	89	90	91	93	92	92	92	93	92	89	93	96	95	92	94	93	94	94	92	92	86	83	91.1
	Minimum	75	74	77	76	67	72	69	69	68	70	69	72	72	70	72	69	67	63	63	72	71	68	69	67	71	70	71	70	71	55	69.6
St. Charles §§	Maximum	87	89	88	90	92	92	93	91	92	94	94	94	94	92	94	95	95	95	97	96	98	97	95	96	98	96	96	96	85	82	93.1
	Minimum	70	73	73	72	68	68	70	69	65	68	69	70	71	71	73	74	68	69	68	70	70	69	70	70	72	70	72	64	68	58	69.4
Searcy	Maximum	85	87	87	88	87	88	87	88	86	86	89	89	89	89	90	91	88	87	90	92	94	92	91	91	93	93	92	92	85	79	88.8
	Minimum	72	72	74	71	67	69	71	70	68	69	70	72	72	73	72	73	68	67	65	70	73	70	73	69	73	72	73	71	72	59	70.3
Sheridan	Maximum	88	88	89	91	92	88	93	91	89	91	93	91	92	91	93	92	90	92	94	95	97	95	94	95	94	95	92	94	84	83	91.5
	Miuimum	70	70	72	74	65	69	66	69	64	66	68	69	70	69	69	71	68	65	62	67	68	66	64	66	66	70	69	64	68	55	67.3
Siloam Springs	Maximum	84	83	83	87	84	77	88	79	87	85	87	88	88	86	87	88	83	85	88	89	89	89	91	88	91	92	91	81	75	77	85.7
	Minimum	74	73	73	69	71	66	66	67	61	65	69	71	69	71	70	70	64	60	64	71	73	67	70	70	70	68	67	68	63	51	67.7
Stuttgart	Maximum	87	90	88	91	90	91	92	90	90	92	93	94	93	95	94	95	94	93	95	98	98	96	94	94	95	95	93	95	85	80	92.3
	Minimum	70	69	72	71	68	68	68	70	65	67	69	69	70	71	71	72	68	69	64	68	69	69	71	69	70	70	71	68	68	57	68.7
Stuttgart §§	Maximum	86	90	89	92	92	92	91	90	89	92	94	93	93	94	93	94	92	93	95	93	98	96	96	95	95	95	93	95	84	80	92.3
	Minimum	72	73	73	75	70	71	71	72	67	69	72	73	73	74	74	75	71	72	67	69	72	71	74	72	73	72	73	69	68	60	71.2
Subiaco	Maximum	85	89	89	91	90	85	91	..	91	90	93	..	91	92	92	93	..	90	93	96	95	93	88	94	93	92	95	89	84	83	90.6
	Miuimum	76	76	74	78	78	71	62	..	61	70	71	..	73	73	73	70	..	64	75	82		..	70	66	72	71	71	71	72	58	71.1
Texarkana ***	Maximum	87	89	90	91	90	80	91	90	91	93	92	91	91	90	91	91	92	94	95	95	96	94	96	95	97	94	92	90	87	82	91.2
	Minimum	76	75	76	77	75	71	69	72	70	69	74	74	75	73	74	74	72	71	74	77	75	73	73	71	74	74	73	73	75	64	73.1
Turnpike	Maximum	77	79	80	82	84	77	84	80	81	81	84	82	82	83	82	84	80	83	84	86	87	88	88	97	88	87	86	82	74	74	83.0
	Minimum	62	66	67	67	63	66	67	65	62	66	63	68	69	68	68	69	59	65	66	71	65	67	66	67	68	68	69	67	62	52	65.6
Wabash	Maximum	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Waldron	Maximum	85	87	87	90	88	82	92	90	89	92	92	91	92	90	92	93	86	90	95	94	95	94	92	93	95	95	93	90	88	81	90.4
	Minimum	76	75	76	78	70	74	67	66	63	68	69	72	72	71	72	69	65	61	66	73	72	67	69	68	70	71	69	70	71	56	69.5
Warren	Maximum	90	90	91	90	93	92	95	95	90	94	95	93	94	95	94	95	96	94	97	99	98	97	96	95	95	96	96	93	86	83	93.6
	Minimum	71	72	75	77	76	77	74	72	68	68	72	73	73	74	74	75	72	70	68	70	73	73	68	71	74	75	73	70	72	61	72.0
White Rock	Maximum	80	78	77	83	81	76	83	81	83	83	85	83	84	82	83	84	83	84	86	88	86	86	85	86	85	89	85	85	79	78	83.0
	Minimum	63	65	66	63	65	62	64	63	62	67	66	68	68	66	67	68	58	62	66	70	64	65	65	67	70	67	68	65	62	53	64.8
Wilson	Maximum	86	89	91	92	90	89	89	88	87	90	93	92	94	93	92	95	91	91	93	96	96	95	94	95	96	93	96	93	85	84	91.6
	Minimum	72	72	72	74	68	69	69	68	67	67	70	72	73	73	72	72	67	61	63	66	65	68	68	68	70	70	71	70	72	55	68.8
Wright	Maximum	84	86	87	88	89	88	89	88	87	92	90	90	90	91	89	91	90	91	92	94	95	94	92	91	92	92	89	93	82	80	89.5
	Minimum	66	72	73	73	66	68	67	70	66	66	67	70	72	71	71	74	70	67	65	67	68	67	68	69	70	70	70	67	70	57	68.6
Wynne	Maximum	86	88	88	92	91	91	90	89	90	92	93	93	95	93	92	93	90	90	93	95	97	95	93	98	95	93	96	94	85	79	91.6
	Minimum	69	70	72	72	67	66	69	68	64	65	67	70	71	72	70	71	67	63	64	63	69	66	69	66	69	67	69	68	72	53	67.6

Daily River Stages for June, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	21.4	19.4	16.1	14.2	13.4	16.3	20.2	22.4	21.0	18.9	16.8	15.0	14.3	14.8	14.7	14.2	13.1	13.4	13.9	12.1	11.2	10.6	10.6	10.4	13.1	15.0	15.8	15.5	15.4	15.3
Van Buren	do	22	21.8	21.1	16.7	14.7	13.4	16.2	20.1	22.8	21.5	19.5	17.2	15.1	14.0	14.6	14.5	14.1	12.8	13.6	13.6	11.8	10.6	10.1	9.7	9.6	12.6	14.7	16.0	15.6	15.4	15.4
Danville	Petit Jean	20	21.1	19.9	15.9	11.1	7.8	6.8	6.0	7.9	11.3	9.8	7.7	5.9	4.8	4.3	4.0	3.7	3.6	3.7	3.5	3.4	3.4	3.4	3.4	3.6	3.6	3.5	3.5	3.5	4.1	3.6
Ozark	Arkansas	22	18.7	17.1	14.4	11.4	9.9	11.5	14.1	18.3	18.8	16.2	14.2	12.2	10.0	10.5	10.8	10.5	9.7	9.4	9.7	9.1	7.3	6.5	6.0	5.7	6.0	9.5	11.9	11.4	11.6	11.2
Dardanelle	do	22	25.6	22.6	20.0	17.0	15.1	13.9	16.3	20.4	22.1	20.8	19.0	17.1	15.4	14.2	14.6	14.5	14.0	13.4	13.5	13.4	12.2	10.8	10.2	9.1	9.4	11.4	14.3	15.7	15.2	15.2
Morrilton	do	20	24.6	21.6	18.8	15.8	13.2	11.6	12.0	15.6	18.5	18.0	16.0	13.8	12.2	10.6	10.4	10.6	10.2	9.4	9.0	9.1	8.6	7.2	6.4	5.9	5.5	5.6	9.7	10.7	10.6	10.6
Little Rock	do	23	27.3	25.5	22.7	19.9	17.2	15.3	14.1	15.3	17.2	19.0	17.7	16.0	14.1	12.4	11.3	11.2	11.1	10.6	9.5	9.8	9.8	9.0	8.0	7.3	7.0	6.8	7.4	10.1	11.6	11.2
Pine Bluff	do	25	31.3	30.0	28.0	25.6	23.2	20.9	19.6	18.1	20.2	22.0	22.0	20.6	18.8	17.0	15.4	14.4	14.0	14.0	13.5	12.9	12.9	12.6	11.6	10.9	9.9	9.6	10.2	11.5	13.8	14.2
Gilbert	Buffalo	30	5.0	4.9	4.6	4.5	4.4	4.3	4.1	5.0	5.5	4.9	4.5	4.4	4.3	4.2	4.1	4.0	4.0	4.0	3.9	3.8	3.8	3.7	3.7	3.8	4.4	4.1	4.1	4.0	3.9	3.9
Black Rock	Black	14	17.5	16.8	16.1	15.5	14.9	14.3	13.8	12.8	12.1	11.7	11.0	10.1	9.6	8.8	8.2	7.7	7.1	7.1	6.9	6.5	6.2	5.9	6.1	5.6	6.4	6.3	6.2	5.9	6.1	5.9
Heber Springs	Little Red	30	8.9	7.4	6.4	5.8	5.4	5.5	5.6	5.3	5.4	5.2	4.8	4.6	4.3	4.2	4.0	3.8	3.6	3.4	3.5	3.4	3.4	3.4	3.1	3.4	3.2	3.6	3.2	3.5	3.7	3.4
OzarkBeachMo	White	30	6.8	6.9	6.4	5.6	5.8	7.4	8.0	7.7	8.8	7.6	6.4	5.8	5.0	4.6	4.4	3.4	0.1	3.0	3.4	3.4	1.4	2.6	3.6	3.1	5.0	5.1	5.0	4.6	4.5	2.7
Cotter	do	21	9.8	9.4	8.3	8.0	7.8	8.4	9.2	9.6	9.2	10.5	8.9	7.5	7.2	7.1	6.2	5.5	4.2	4.1	4.2	4.2	4.0	4.1	4.1	4.9	4.6	4.5	6.3	6.0	5.5	5.4
Calico Rock	do	18	10.2	9.0	8.8	8.0	7.2	7.8	8.4	9.6	9.8	9.7	9.8	8.2	7.3	6.8	6.2	5.7	5.6	5.6	4.7	4.5	4.3	4.4	4.3	4.4	4.3	4.8	5.7	4.2	5.0	4.5
Batesville	do	23	16.7	15.4	14.5	14.2	13.1	12.6	13.7	14.1	16.2	15.0	16.3	14.5	13.0	12.3	11.6	11.0	10.5	10.1	10.3	9.2	9.2	8.6	9.1	9.1	9.1	9.0	10.0	10.3	9.8	9.5
Newport	do	26	21.2	23.7	22.8	21.9	21.0	20.0	19.2	19.0	19.2	19.4	19.0	19.0	17.8	16.3	14.9	13.5	12.2	11.1	10.2	9.2	8.4	7.8	7.2	7.6	7.5	7.5	7.2	8.2	8.4	7.8
Georgetown	do	21	26.5	25.9	25.4	24.7	24.2	23.7	23.2	22.7	22.3	22.0	21.7	21.4	21.2	21.0	20.8	20.4	19.9	19.3	18.4	17.2	16.1	14.8	13.5	12.5	11.5	11.1	10.7	10.4	10.4	10.5
Des Arc	do	24	31.2	30.6	29.9	29.0	28.5	27.8	27.0	26.4	25.9	25.3	24.7	24.0	23.7	23.3	23.0	....	22.0	22.4	21.0	20.2	19.6	19.0	17.7	16.5	15.6	14.8	14.3	13.8	13.5	13.5
Clarendon	do	26	31.2	33.0	32.8	32.5	32.2	31.8	31.5	31.0	30.6	30.1	29.6	29.1	28.7	28.3	27.9	27.5	27.2	26.9	26.6	26.3	26.0	25.6	25.1	24.5	23.8	23.1	22.3	21.6	21.0	20.4
St. Charles	do	25	35.1	35.3	35.4	35.3	35.2	34.9	34.5	34.1	33.7	33.3	32.9	32.5	32.0	31.4	30.8	30.0	29.3	28.5	27.8	27.1	26.6	26.1	25.7	25.4	25.0	24.7	24.4	24.0	23.7	23.3
Glenwood	Caddo	..	6.8	6.5	6.1	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.8	5.7
Arkadelphia	Ouachita	17	17.1	14.1	10.3	8.0	8.4	7.5	7.0	7.1	7.3	6.8	6.8	6.8	6.9	5.2	6.3	6.8	6.8	6.6	6.7	6.9	5.0	6.4	6.9	7.1	7.1	7.0	6.8	4.8	5.5	5.3
Boughton	Little Mo.	20	12.5	14.5	12.4	8.6	6.9	5.8	5.6	5.5	5.5	5.3	5.2	5.0	4.9	4.6	4.4	4.3	4.1	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.8	3.8	3.8	3.8	3.7
Camden	Ouachita	26	12.6	18.0	21.7	21.9	19.0	15.9	12.6	10.3	9.1	9.0	8.5	7.5	7.1	7.2	7.0	5.9	6.1	6.6	6.5	6.4	7.2	6.5	5.2	6.2	7.2	7.5	7.4	7.3	6.8	5.3
Benton	Saline	20	9.1	8.3	8.4	7.8	7.4	7.3	7.2	7.0	7.0	8.0	6.8	6.6	6.3	6.0	5.7	5.5	5.4	5.3	5.1	5.1	5.0	4.9	4.9	5.5	5.4	5.4	5.4	5.3	5.3	5.3
Index	Red	25	21.2	20.2	19.3	18.3	17.0	15.5	13.8	17.2	18.8	18.9	18.0	16.3	15.4	14.6	13.8	13.2	12.4	11.9	11.2	10.5	10.0	9.6	9.4	9.0	9.4	9.6	9.4	9.2	9.2	8.8
Fulton	do	25	22.8	22.6	21.6	20.6	19.2	17.5	15.5	16.5	18.7	18.8	18.0	17.1	16.2	15.2	14.5	13.8	13.2	12.6	12.0	11.4	11.0	10.7	10.4	10.1	9.8	9.9	10.1	10.0	9.8	9.6
Big Lake Outlet	St. Francis	10	11.1	10.9	10.6	10.3	10.1	9.9	9.7	9.5	9.4	9.2	9.0	8.6	8.2	7.8	7.8	7.4	7.1	6.8	6.6	6.4	6.1	6.0	5.8	5.7	5.6	5.5	5.5	5.5	5.4	5.3
St. Francis	do	18	19.2	19.0	18.9	18.7	18.6	18.5	18.3	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
St. Francis L.L.	do	..	23.2	23.1	23.0	23.0	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.8	22.6	22.5	22.4	22.3	12.2	22.0	22.0	21.8	21.7	21.7	21.6	21.6	21.5	21.5	21.5	21.4	21.4	21.3
Marked Tree	do	17	7.6	7.6	7.7	7.7	7.8	7.8	7.7	7.6	7.6	7.6	7.5	7.5	7.4	7.3	7.4	7.2	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.7	6.7
Parkin	do	28	17.4	18.1	18.7	19.0	19.3	19.6	19.8	19.9	20.0	19.9	19.6	19.2	18.8	18.1	17.5	16.7	15.8	14.8	13.9	12.9	12.1	11.4	11.0	10.5	10.1	9.9	9.7	9.5	9.3	9.1
Madison	do	32	24.9	25.6	26.2	26.8	27.2	27.4	27.7	27.7	27.7	27.5	27.1	26.5	25.3	24.9	24.0	23.0	21.9	20.7	19.6	18.6	17.7	16.9	16.3	15.9	15.4	15.1	14.7	14.7	14.4	14.0
Helena	Mississippi	42	44.1	44.9	45.6	46.2	46.5	46.8	46.9	46.8	46.5	45.8	45.0	43.9	42.7	41.4	40.2	39.0	38.0	37.1	36.3	35.6	35.0	34.3	34.0	33.6	33.3	33.1	32.9	32.7	32.3	31.9
Arkansas City	do	42	43.3	43.7	44.0	44.2	44.1	43.9	43.7	43.4	43.2	43.0	42.8	42.6	42.2	41.5	40.7	39.8	38.8	37.8	36.8	35.9	35.0	34.2	33.5	32.8	32.0	31.4	30.8	30.5	30.2	30.0

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 0 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Pos office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fôrdyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVIII LITTLE ROCK, ARK., JULY, 1943 No. 7

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GENERAL SUMMARY

The outstanding characteristics of the weather in Arkansas during July, 1943, were the positive temperature and negative precipitation departures. This was the hottest July since 1936, when the monthly mean temperature was 83.3°, 0.4° higher than this month. The record hot July was in 1934 when the temperature averaged 85.5°. The highest July temperature was in 1936, 114° at Booneville on the 18th. This month every station in the State reported 100° or higher except Turnpike which had only 99°. The average number of days with 100° or higher was 9. The greatest number recorded was 21 at Conway.

The month opened with daily mean temperatures below normal and during the first half of the month there were occasional days with temperatures near or slightly below normal, but during the latter half of the month temperatures were uniformly high, most of the 100° and higher occurring during this period. Every station for which normals have been computed showed a monthly mean temperature above normal except Crossett, where the departure was —0.2°. For the second month in succession Pine Bluff reported the highest mean temperature in the State.

This was the driest July since 1930, when an average of only 0.74 inch of rain occurred and is the second driest on record. There were four stations that did not have an appreciable amount of rain during the month. Rain was not confined to any definite periods during the month, but occurred at infrequent intervals.

The last two months have had only approximately 50% of the normal rainfall. May was a very wet month and all crops were shallow-rooted and all suffered from the hot dry weather of July. Cotton made fair progress throughout the month despite the hot dry weather and at the close of the month the crop was clean and well cultivated, blooming and fruiting, and some bolls were opening in extreme southeastern sections of the State. The weather was favorable throughout the month for holding boll weevil in check. Corn was badly damaged by the hot dry weather and was in poor condition in most sections at the close of the month. Peanuts made fair growth. Potatoes rotted in the fields at digging time because the market was glutted, labor scarce and price low. The commercial bean crop was cut short by the dry weather. Melons were plentiful at the close of the month, meadows and pastures brown. All minor crops deteriorated because of the high temperatures and insufficient soil moisture. Unless copious rains fall soon, there will be slight hope for even fair crops this fall.

TEMPERATURE

The mean temperature for the State, as determined from the records of 79 stations, was 82.9°, which is 2.3° above the 53-year average for July. The highest monthly mean temperature was 86.7° at Pine Bluff and the lowest was 79.0° at White Rock. The highest temperature recorded was 110° at three stations, Batesville Airway, Conway and Ozark on the 22d. The lowest was 47° at Batesville Livestock station on the 1st.

PRECIPITATION

The average precipitation for the State, as determined from the records of 108 stations, was 1.13 inches which is 2.59 inches below the 53-year average for July. The greatest monthly total was 4.50 inches at Prescott. Waldron recorded no rain, Big Lake Outlet, Blytheville and Georgetown only a trace. The greatest amount recorded in any 24-hour period was 3.22 inches at Prescott on the 14th. The average number of rainy days was 4.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:--2,3,4,5,6,7,11,12,13,14,15,17,18,19,20,21,22,23,24,25,26, 27,28,30,31.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.11	18	29.78	28	6.0	31	ne,	24	77	44	45	88	0
Little Rock	30.16	3	29.86	28	7.1	39	n,	20	83	52	54	76	0
Memphis .	30.14	3	29.82	10	7.4	18	sw.	3	83	56	58	76	0

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	6	17	9	5
1895	78.9	104	55	7.34	0	12	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82.0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	42	3.55	0	8	17	9	5
1927	79.6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	81.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	48	6.00	0	11	12	11	8
1932	82.5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2.32	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
1938	82.0	109	59	3.74	0	7	14	11	6
1939	82.0	110	55	3.34	0	7	19	8	4
1940	78.4	103	48	4.14	0	8	13	9	9
1941	81.2	105	53	4.82	0	9	13	12	6
1942	81.1	105	53	1.39	0	3	17	11	3
1943	82.9	110	47	1.13	0	4	17	11	3
Period	80.6	116	40	3.72	0	7	15	11	6

Corrections for May.--Grannis, days with 0.01 or more precip. 12. Portland, maximum temperature 19th, 94°.

Corrections for June:-Camp Robinson, minimum temp. on 9th, 55°: Devils Knob mean temp. 74.4°. Story, partly cloudy days 10, cloudy 3. Fort Smith, minimum temp. 8th, 68°, mean minimum 71.6°.

Climatological Data for July, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	6	83.2	......	105	22	58	1	0.84	......	0.59	15	0.0	4	14	13	4	n.	L. R. Water Works
Arkadelphia	Clark	200	47	84.0	......	107	20	57	1	1.97	−1.72	1.16	20	0.0	3	11	20	0	sw.	George S Dews
Arkansas City	Desha	145	58	......	......	......	......	......	......	2.49	−1.15	2.29	16	0.0	4	25	4	2	......	John W. Trammell
Batesville Airway	Independence	363	6	83.6	+ 3.8	110	22	51	1	0.62	......	0.52	26	0.0	4	10	19	2	sw.	Airway Observer
Batesville Livestk.	Independence	....	2	81.3	......	106	22	47	1	1.06	......	0.78	26	0.0	2	11	20	0	w.	University of Arkansas
Batesville River	Independence	277	43	......	......	......	......	......	......	0.73	−3.09	0.50	26	0.0	4	24	7	0	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	81.9	+ 1.3	105	21§	50	1	1.90	−1.51	1.15	14−15	0 0	4	21	10	0	n.	Miss Minnie Scanlan
Benton	Saline	285	7	81.8	......	108	22	53	1	0.50	......	0.23	15	0.0	5	26	5	0	sw.	S. A. Burks
Bentonville	Benton	1295	37	80.7	+ 2 7	105	22	52	9	1.19	−3.15	0.46	15§	0.0	6	20	11	0	s.	Mrs. Verda K. Necly
Bethesda †	Independence	500	3	81.0	......	106	22	49	1	1.36	......	0.69	26	0.0	4	13	18	0	w.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	12	......	......	......	......	......	......	T	−3.40	T.	5	0.0	0	24	4	3	......	C. J. Brooks
Black Rock	Lawrence	259	41	......	......	......	......	......	......	0.18	−3.56	0.13	14	0.0	2	28	0	3	s.	Vernon C. Howe
Bluff City	Nevada	....	2	83.4	......	105	23	57	1	2.38	......	0.70	6	0.0	5	20	7	4	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	82.4	+ 0.4	101	22	53	1	T.	−3.22	T	5	0.0	0	26	5	0	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	28	85.5	+ 3.5	109	22§	55	1§	0.98	−2.57	0.38	14	0.0	5	19	12	0	w.	F. H. Randolph
Boughton †	Clark	235	7	......	......	......	......	......	......	0.86	......	0.60	14	0.0	2	15	3	13	......	Mrs. Ruby Brown
Brinkley	Monroe	205	51	83.1	+ 2.0	106	22	54	1	0.34	−3.94	0.14	27	0.0	3	13	9	9	s.	U. S. Weather Bureau
Calico Rock	Izard	361	38	......	......	......	......	......	......	0.65	−2.29	0.30	27	0.0	3	16	8	7	......	William Jones
Camden	Ouachita	116	57	84 0	+ 2.8	107	22	56	1	2.19	−1.82	0.55	14	0.0	9	9	19	3	se.	J. M. Knight
Camp Robinson	Pulaski	463	2	83.2	......	105	22	57	2	0.80	......	0.79	20	0.0	2	0	30	1	sw.	U. S Army
Clarendon	Monroe	172	38	......	......	......	......	......	......	0.14	−3.45	0.09	27	0.0	2	17	12	2	......	B. F. Northern
Clover Bend	Lawrence	235	4	......	......	......	......	......	......	....	......	....	......	...	......	......	......	..	......	Farm Security Adm.
Conway	Faulkner	309	59	86.0	+ 4.0	110	22	54	1	0.79	−2.75	0.45	27	0.0	3	24	7	0	s.	F. E. Cordrey
Corning	Clay	293	49	81.6	+ 1.8	102	25	51	1	0.32	−3.08	0.25	26	0.0	2	24	5	2	se.	Robert B. Polk
Cotter	Baxter	440	15	......	......	......	......	......	......	0.67	−2.43	0.29	25	0.0	3	26	5	0	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	36	82.2	− 0.2	103	22	58	1	1.73	−2.72	0.73	11−12	0 0	7	18	9	4	s.	U. S. Forest Service
Danville	Yell	327	26	......	......	......	......	......	......	0.51	−2.95	0.32	15	0.0	3	16	15	0	......	J. M. Patterson
Dardanelle	Yell	330	56	85.4	+ 3.4	105	20§	54	1	1.80	−1.29	1.49	14−15	0.0	5	5	22	4	n.	Geo. N. Goodier
DeQueen	Sevier	426	7	82.4	......	106	23	58	2	1.05	......	0.52	26	0.0	3	21	10	0	......	L. D. McCown
Des Arc	Prairie	204	4	83.4	......	102	19§	56	1	0.50	......	0.38	13	0.0	2	9	9	13	s.	Z. R. Glenn
Devils Knob †	Johnson	2350	6	80.4	......	103	22	53	1	1.35	......	0.90	25−26	0.0	2	30	1	0	sw.	U. S. Forest Service
Dumas	Desha	162	37	85.2	+ 2.9	107	22	56	1	1.94	− 2.67	1.30	12	0.0	4	2	26	3	s.	Ben Johnson
El Dorado	Union	270	42	84 6	+ 2.2	103	22§	59	1	1.61	−2.43	1.15	6	0.0	5	26	4	1	s.	Mrs. E. W. Gaston
England	Lonoke	229	36	83.2	+ 1.6	102	26	51	1	0.35	−2.94	0.35	2	0.0	1	11	20	0	sw.	O. V. Halbrook
Eureka Springs	Carroll	1465	42	82.0	+ 3.4	105	22§	53	1	1.09	−3.21	0.97	24	0.0	3	28	3	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	5	82.0	......	104	22§	55	9	0.60	......	0.55	23	0.0	3	7	23	1	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	55	81.2	+ 2.8	105	23	53	9	0.34	−3.57	0.20	23	0.0	4	20	11	0	s.	University of Arkansas
Fordyce	Dallas	280	2	84.4^{a}	......	106^{a}	22§	57^{a}	1	0.66	......	0.55	14	0.0	2	16	7	8	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	85.6	+ 4.1	106	22	61	1	0.34	−3.03	0.27	24	0.0	3	7	24	0	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	5	......	......	......	......	......	......	0.16	......	0.10	26	0.0	2	18	13	0	......	Ft. Smith Water Plant
Fulton	Hempstead	260	57	......	......	......	......	......	......	3.25	−0.50	1.13	20	0.0	7	20	4	7	......	Ina J. Logan
Georgetown	White	200	30	......	......	......	......	......	......	T.	−3.36	T	23	0.0	0	27	2	2	......	C. G. Long
Gilbert	Searcy	600	17	79.1	......	100	19	48	1	1.17	−2.32	0.97	25	0.0	2	29	2	0	sw	F. E. King
Glenwood	Pike	547	7	......	......	......	......	......	......	1.12	......	0.33	23	0.0	6	26	1	4	......	Chas. A. Price
Grannis	Polk	950	23	81.2	+ 1.8	105	19	53	1	2.78	−3.47	0.99	13−14	0.0	8	17	12	2	s.	W. E. McVay
Gravette	Benton	1250	45	81.8	+ 4.0	107	24	53	9	0.38	−3.79	0.12	14	0.0	5	27	4	0	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	5	84.2	......	105	21§	52	1	0.60	......	0.50	25−26	0.0	2	6	24	1	s.	U. S. Forest Service
Harrison	Boone	1052	42	81.5	+ 4.1	106	22	51	1	0.44	−3.67	0.25	22	0.0	3	18	13	0	w.	J. M. McGaughey
Helena	Phillips	300	70	82.2	+ 1 0	101	19	60	1	0.74	−2.96	0.50	19	0.0	2	9	11	11	sw.	James A. Burnett
Highland	Pike	491	23	82.0	......	105	20	58	5	2.85	−1.01	1.60	20−21	0.0	4	20	5	6	s.	Clyde Cooley
Hope 3 miles e ‡‡	Hempstead	375	72	83.3	+ 1.5	105	23	58	1	0.52	−3.84	0.24	15	0.0	4	12	16	3	sw.	University of Arkansas
Hot Springs	Garland	600	51	85.0	+ 3.2	107	22	57	1	1.53	−3.07	0.87	26	0.0	6	24	7	0	s.	National Park Service
Index †	Little River	275	25	......	......	......	......	......	......	2.25	−1.09	0.95	14−15	0.0	5	31	0	0	......	W. F. McDowell
Irons Fork †‡‡	Polk	1385	4	......	......	......	......	......	......	....	......	....	......	0.0	......	......	......	..	......	U. S. Forest Service
Jessieville	Garland	750	16	......	......	......	......	......	......	0.11	−3.33	0.07	27	0.0	2	2	29	0	......	U. S. Forest Service
Jonesboro	Craighead	345	47	83.6	+ 3.0	104	22	56	1	0.92	−2.37	0.87	27	0.0	3	15	14	2	sw.	Benedictine Sisters
Lead Hill	Boone	650	36	81.4	+ 1.2	107	22	48	1	1.06	−2.39	0.55	27	0.0	5	28	3	0	s.	J. H. Crosswhite
Little Rock	Pulaski	257	63	84.4	+ 3.5	105	22	58	1	1.85	−1.65	1.28	14	0.0	4	7	18	6	sw.	U. S. Weather Bureau
Lutherville †	Johnson	775	44	83.1	+ 3.0	106	24	53	1	0.19	−3.56	0.07	22	0.0	3	19	11	1	s.	Clarence Lenhardt
Madison	St. Francis	209	12	......	......	......	......	......	......	2.09	−3.63	0.98	15	0.0	3	11	4	16	......	J. W. Eppes
Magnolia	Columbia	315	26	85.0	+ 2.4	105	20§	59	1	3.77	+0.31	1.72	12−13	0.0	5	0	30	1	se.	State Agri. School
Mammoth Spring	Fulton	600	38	81.9	+ 3.3	103	21§	50	1	0.48	−3.34	0.20	26	0.0	3	16	15	0	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	82.6	+ 1.4	105	22	55	1	0.35	−3.12	0.35	14	0.0	1	18	12	1	sw.	University of Arkansas
Marked Tree	Poinsett	229	38	82.3	+ 1.2	103	22	53	1	0.33	−3.17	0.33	14	0.0	1	24	7	0	n.	Charles Walton
Mena	Polk	1207	54	82.4	+ 2.2	103	22§	56	1	0.85	−2.95	0.52	14	0.0	5	19	11	1	sw.	E. W. St. John
Monticello	Drew	273	2	84.6	......	107	22	59	1	0.83	......	0.26	20	0.0	4	4	16	11	sw.	Airway Observer
Morrilton †	Conway	315	26	83.7	+ 0.8	106	22	57	1§	1.19	−1.51	0.77	25	0.0	4	11	16	4	se.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	......	......	......	......	......	......	0.33	......	0.12	11§	0.0	4	18	12	1	sw.	C. A. Lovell
Mountain Home †	Baxter	800	30	80.9	+ 1.7	107	22	49	1	1.85	−1.99	1.70	25	0.0	3	20	8	3	sw.	H. N. Halbert
Mountain Valley	Garland	788	5	......	......	......	......	......	......	1.52	......	0.70	15	0.0	3	7	23	1	s.	C. A. Cockman
Mount Ida	Montgomery	702	43	81.2	+ 1.2	107	22	49	1	1.24	−2.49	0 87	26	0.0	5	17	14	0	sw.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	4	......	......	......	......	......	......	1.24	......	1.01	23−24	0.0	5	27	2	2	......	Clifton H. Ward
Nashville	Howard	350	4	83.0^{g}	......	105^{g}	22§	60^{g}	1	2.46	......	1.10	20	0.0	5	25	6	0	sw.	Brice Carruth
Newport	Jackson	231	59	83.7	+ 2.4	105	22	56	1	1.64	−1.45	1.04	26	0.0	3	19	9	3	sw.	W. T. Moyer
Nimrod Dam	Perry	....	1	84.9	......	109	23	54	1	0.19	......	0.14	11	0.0	2	14	15	2	w.	U. S. Engineers
Oden	Montgomery	800	15	83.2	......	105	22	56	1	0.62	−2.69	0.26	23	0.0	3	11	20	0	sw.	U. S. Forest Service
Okay	Howard	288	14	83.4	+ 0.5	105	23	57	1	2.21	−1.78	0.68	21	0.0	6	22	9	0	sw.	Charles R. Jackson
Osceola	Mississippi	250	42	......	......	......	......	......	......	0.03	−3.44	0.03	6	0.0	1	27	4	0	......	G. H. Banks
Ozark	Franklin	396	47	84.2	+ 2.1	110	22	54	1	2.03	−1.16	0.93	25	0.0	5	4	24	3	se.	Orkney O. Milton
Paragould	Greene	275	19	81.6	......	101	26	53	1	1.99	−1.09	1.08	31	0.0	6	29	2	0	sw.	J. E. Garrett
Parkin	Cross	222	12	......	......	......	......	......	......	1.55	−2.21	0.82	13	0.0	2	13	9	9	......	Carroll King
Perryville	Perry	325	3	83.3	+ 3.5	108	22	51	1	1.20	−3.05	1.08	15	0.0	2	11	20	0	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	55	86.7	+ 4.3	109	22	59	1	0.32	−3.24	0.12	2	0.0	3	14	16	1	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	......	......	......	......	......	......	0.31	−3.32	0.20	22	0.0	2	15	13	3	sw.	J. R. Huddleston
Pocahontas	Randolph	300	49	79.5^{a}	− 0.9	102^{a}	21§	53	1	0.94	−3.17	0.80	14	0.0	2	13	17	1	sw,	Benedictine Sisters
Portland	Ashley	122	36	84.2	+ 2.4	105	22	59	1	1.89	−2.21	0.60	11−12	0.0	7	14	13	4	s	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	85 0	+ 2 9	105	23	59	1	4.50	+0.51	3.22	14	0.0	6	21	8	2	sw.	W. R. Hambright
Rogers	Benton	1300	52	81.0	+ 3.4	102	22§	56	1	0.30	−4.14	0.21	11	0.0	5	13	18	0	w.	Howard Fowler
Rosebud	Faulkner	680	8	......	......	......	......	......	......	0.65	......	0.41	20	0.0	3	24	7	0	ne.	G. A. Maddox
Russellville ‡‡	Pope	526	30	......	......	103	20§	......	......	1.56	−2.71	1.08	14−15	0.0	5	2	29	0	s.	Ark. Tech. College
St. Charles	Arkansas	175	9	82.4	......	104	22	55	1	0.26	......	0.16	15	0.0	3	11	18	2	sw.	U. S. Biological Survey
St. Francis	Clay	290	15	......	......	......	......	......	......	0.95	−3.37	0.84	26	0.0	3	28	0	3	......	W. S. Buckley
Searcy	White	245	32	83.2	+ 2 2	104	22	55	1	2.39	−0.52	1.61	14	0.0	5	22	7	2	sw.	Walter A. Smith
Sheridan 8 miles n †	Grant	....	2	82.2	......	104	24	51	1	2.71	......	1.07	2−3	0.0	6	1	29	1	sw	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	80.6	......	105	23	54	1§	1.35	......	1.19	23	0.0	4	18	13	0	s.	John Brown University
Springbank †	Miller	240	33	......	......	......	......	......	......	2.25	−1.95	0.90	8	0.0	8	24	3	4	......	Henry Field
Story	Montgomery	650	18	......	......	......	......	......	......	2.28	−1.32	1.27	22	0.0	3	24	7	0	s.	S. C. Story
Stuttgart	Arkansas	214	55	82.6	+ 1.4	104	31	54	1	0.87	−2.57	0.64	15	0.0	3	22	9	0	n.	Mrs. B. E. Swim
Stuttgart 9 miles e ‡‡	Arkansas	198	7	83.0	......	105	22	57	1	0.62	......	0.40	14	0.0	4	......	......	..	......	University of Arkansa
Subiaco	Logan	750	44	85.3^{a}	+ 3.3	109	24	56^{a}	1	0.97	−2.40	0.64	26	0.0	3	19	11	1	se.	New Subiaco Abbey

Climatological Data for July, 1943 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	58	83.4	+ 0.9	102	23§	60	1	2.25	−1.91	0.93	11−12	0.0	8	3	22	6	sw.	U S. Weather Bureau
Tumbling Shoals	Cleburne	272	13	....	......	......	......	......	......	0.48	−3.28	0.33	14	0.0	2	24	7	0	......	Lester B. Logan
Turnpike†	Pope	2240	18	79.5	......	99	22	51	1	0.87	−2.52	0.39	25	0.0	4	26	5	0	sw.	U. S. Forest Service
Wabash	Phillips	179	3	....	......	......	......	......	......	....	......	......	......	0.0	......	......	......	......	......	Farm Security Adm.
Waldron	Scott	675	23	83.5	......	107	22§	54	1§	0.00	−3.68	0.00	......	0.0	0	11	20	0	se.	Lavon Shoptaw
Warren	Bradley	206	48	85.1	+ 2.7	108	22	57	1	0.85	−2.92	0.45	12	0.0	5	3	11	17	sw.	C. N. Turner
Whitecliffs	Little River	290	36	. .	......	......	......	......	......	0.10	−2.95	0.10	26	0.0	1	23	1	7	......	L. M. Snead
White Rock†	Franklin	2285	6	79.0	......	102	22	53	1	0.54	......	0.54	23−24	0.0	2	28	3	0	nw.	U. S. Forest Service
Wilson	Mississippi	237	17	82.0	+ 1.2	102	22	54	1	0.20	−3.82	0.20	31	0.0	1	18	0	13	sw.	D. O. Anderson
Wright	Jefferson	234	3	81.4	......	103	22	54	1	1.15	.....	0.76	3−4	0.0	4	27	3	1	ne.	Farm Security Adm.
Wynne	Cross	167	34	82.3	+ 1.2	106	22	51	1	0.70	−3.02	0.40	19	0.0	2	21	8	2	s.	B. M. Eddins
State Means		..	..	82.9	+ 2.3	110	22	47	1	1.13	−2.59	3.22	14	0.0	4	17	11	3	sw.	

Daily Precipitation for July, 1943

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott[2]	Arkansas																									.03							0.03
Alum Fork Reser.	Ouachita													.04	.17	.59											.04						0.84
Arkadelphia[2]	Ouachita							.69					.12			T.						1.16		T.				T					1.97
Arkansas City[2]	Mississippi			T.				.09					.02	.09		T.	2.29													T.			2.49
Batesville Air'y[1]‡	White													.02									.06				.52	.02					0.62
Batesville Livestk[1]	White															.28												.78					1.06
Batesville River[2]	White														.01									.14				.50	.08				0.73
Beaty Lake	St. Francis													T.	T.	.28					.90		.02					T.		.05		T.	1.25
Bee Branch	Arkansas			T											.45	.70								.65			.10						1.90
Beech Grove	White																																....
Beedeville[2]	White														T	.25					T			.18				.03	.14				0.60
Benton[2]	Saline				.05			.10						T	.04	.08	.23																0.50
Bentonville[2]	Arkansas				.09												.46		.46						.01	.04			.13				1.19
Bethesda[2]	White														T.	.40								.07				.69	.20				1.36
Big Lake Outlet[2]	St. Francis						T																										T
Black Rock[2]	White													.05		.13											T.						0.18
Bluff City	Ouachita								.70				.29	.45	.29													.65					2.38
Blytheville[2]	St Francis						T.																										T.
Booneville 3 mi- w	Arkansas					.02						.02			.38	T.								T.	.23		.33						0.98
Booneville[2]	Arkansas					.27					.45																						0.72
Boughton[2]	Ouachita							.26								.60																	0.86
Brinkley[1]	White			T.										.10						.10			T.					.14					0.34
Burdette	Mississippi																															.81	0.81
Calico Rock[2]	White						T.																	.10			.25		.30			T.	0.65
Camden	Ouachita							.45					.05	.16	.34	.55						.09					.33		.17		.05		2.19
Camp Robinson[1]	Arkansas													.01	T.						.79												0.80
Carlisle[2]	Arkansas																																....
Clarendon[2]	White				.05																								.09				0.14
Clover Bend	White																																....
Cold Springs	Ouachita				.20																					.08	.19						0.47
Conway	Arkansas																						.03				.31	.45					0.79
Corning[2]	White				T.		T							T							.07							.25					0.32
Cotter[2]	White																.21							.17			.29						0.67
Crossett	Ouachita											.47	.26	.24	.20	.21												.15	.20				1.73
Danville[2]	Arkansas				17												32							.02									0.51
Dardanelle[2]	Arkansas				.21											.63	.86						.02	.08				T.					1.80
Denmark[2]	White																.30				.35			.04				.89					1.58
De Queen	Red			.15											.38												.52						1.05
Dermott[2]	Mississippi												.01	.02		.24	.89					.03											1.19
Des Arc[2]	White														.38									.12					T.				0.50
Devils Knob	Arkansas																							.45			.90						1.35
Dumas	Mississippi		.23				.01					T.	1.30			.40										T.							1.94
Eagle Gap[2]	Arkansas												T.											.17	.02								0.19
El Dorado[2]	Ouachita							1.15					.02			.33						.08								.03			1.61
Eleven Point[2]	White				T	.20		T.							.20												T.					T.	0.40
England	Arkansas		.35													T.																	0.35
Eureka Springs	White					.09																		.03	.97								1.09
Evening Shade[2]	White																							.05				T.	T			T	0.05
Fayetteville	White			T.									T.												.55	.03		.02					0.60
Fayetteville Exp. S	White			.01									T.												.20		.07	.06					0.34
Fordyce	Arkansas												.11		.55																		0.66
Forester[2]	Arkansas																																0.00
Fort Smith[1]‡	Arkansas											.01											T.	T.	.27		.06	T.					0.34
Fort Smith W.[2]	Arkansas									T.		T.													.06			.10					0.16
Fulton[2]	Red							.10						T.	.19	.89						1.13	.50					.42			.02		3.25
Georgetown[2]	White																							T									T.
Gilbert[2]	White																.20										.97						1.17
Glenwood[2]	Ouachita				.23			.13								.30						.04			.33			.09					1.12
Grannis	Red			.32			.52						.15	.47	.52						.47	T.	T.	.12			.21						2.78
Gravelly[2]	Arkansas												.71												.67								1.38
Gravette	Arkansas					.09									.12			.02							.10			.05					0.38
Green Forest[2]	White																														.03		0.03
Green Mountain	White												T.										.10				.50						0.60
Greenwood[2]	Arkansas												4.50													1.03							5.53
Harrisburg[2]	St. Francis														T.																	.25	0.25
Harrison	White												T.			.10								.25				T			.09		0.44
Helena[2]	Mississippi																				.50							.24					0.74
Henderson[2]	White					15													12								.35						0.62
Highland	Ouachita														1.00						.35	1.25					.25						2.85
Hope	Red							.15	T.					T.	T	.24						.09	.04		T.			T.			T.		0.52
Hot Springs	Ouachita			.05										.07	.25	.19							.10				.87						1.53
Huttig[2]	Ouachita												T.	.78	.60	1.08						T.						.27	T.				2.73
Index[2]	Red							.10							.20	.95						.75						.25					2.25
Irons Fork[2]	Ouachita																																....
Jessieville	Ouachita															T.											.04	.07					0.11
Jonesboro[2]	White								T.							.02					.03							.87					0.92
LaCrosse[2]	White																			T.								.04	.08				0.12
Lake City[2]	St. Francis																											*	.63			*	0.63
Lead Hill	White														.01	.10							.03				T.	.55			.37		1.06

Daily Precipitation for July, 1943 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Little Rock [1]‡	Arkansas			T.										.38	1.28	T.					.18		.01				T.						1.85
Lutherville	Arkansas														T.						.06		.07				.06						0.19
Madison [2]	St. Francis														T.		.98				.91	T							.20				2.09
Magnolia	Red							1.26					.97	.75	.27						.52												3.77
Mammoth Spg [2]	White						.13								.15													.20					0.48
Marianna [2]	St. Francis															.35																	0.35
Marked Tree [2]	St. Francis														.33						T												0.33
Marshall [2]	White												.20		.76		.20							.14			1.52					.30	3.12
Marvell [2]	White																																0.00
Mena [2]	Ouachita				.02								T		.08	.44							T	.30		.01							0.85
Monticello [1]‡	Ouachita											T	T.	.15	.06	.04				T	.26					T.							0.51
Morobay [2]	Ouachita												.16	.28		.43						.02											0.89
Morrilton [2]	Arkansas															.28						.10		.04			.77						1.19
Mountainburg	Arkansas												.12		.03										12		.06						0.33
Mountain Home	White				.10											.05											1.70						1.85
Mountain Valley	Ouachita			.38												.70											.44						1.52
Mtn. View [2]	White																										.31		.26				0.57
Mount Ida	Ouachita			.12				.04													.05		.16				.87						1.24
Mulberry [2]	Arkansas														.07									.02	.99	.13		.03					1.24
Nashville	Red			T.			.18								.20						1.10	.04					.94						2.46
Newhope [2]	Ouachita															1.43						.50	.19		.69			.26					3.07
Newport [2]	White														.55						T			.05				1.04					1.64
Nimrod Dam	Arkansas											.14															.05						0.19
Odell [2]	Arkansas																								.21			.09					0.30
Oden	Ouachita			.25																				.26		.11							0.62
Okay	Red							.40					.10		.12							.68	.42					.49					2.21
Osceola [2]	Mississippi						.03								T.																		0.03
Ozark [1]	Arkansas				T								T									.29		.61	.01	.19	.93						2.03
Paragould	St. Francis					.14									.09	.04											.02	.62				1.08	1.99
Parkin [2]	St. Francis														.82						.73												1.55
Perryville	Arkansas															1.08												.12					1.20
Pine Bluff [2]	Arkansas			.12										T	T.	T.	.11					.09											0.32
Pine Ridge [2]	Ouachita				.11																			.20									0.31
Pocahontas	White						.14								.80																		0.94
Portland [2]	Ouachita									.52			.05	.55	.55	T.	.05					.12							.05				1.89
Prescott [2]	Ouachita							.10							.08	3.22						.64			.42			.04			T.		4.50
Rogers	White			.02	T.							.21			.03			.02						.02	T								0.30
Rosebud	Arkansas														.10						.41							.14					0.65
Russellville	Arkansas															1.08					.40		.07			.01	T.						1.56
St. Charles [2]	White				.01											.09	16																0.26
St. Francis [2]	St. Francis						.07																					.84				.04	0.95
St. Paul [2]	White				.50																			.69	.23		.26						1.68
Searcy [2]	White				.03											1.61					.10			.05				.60					2.39
Sheridan	Ouachita		1.04	.03			.07							T.	.02	1.04					.51												2.71
Shirley [2]	White														T.									.49			.34	.29					1.12
Siloam Springs	White			.06								.04			06			T.						1.19	T			T.					1.35
Sparkman [2]	Ouachita						.08						.03		.29																		0.40
Springbank [2]	Red							.07	.90				.08	.16	.18	T.						.36						.36			.14		2.25
Stamps [2]	Red							.87							.75													.25					1.87
Stephens [2]	Ouachita																																..
Story [2]	Ouachita												.80												1.27			.21					2.28
Stuttgart [2]	Arkansas				.03											.20	.64																0.87
Stuttgart Evap [2]	Arkansas				.05								.10			.40	.07																0.62
Subiaco	Arkansas															.04									.29		.64						0.97
Sugar Grove [2]	Arkansas				.07								.09											T.		.22	.30						0.68
Texarkana [1]	Red			T.			.15					.88	.05	.46	.02						.25						.33			.11			2.25
Tichnor [2]	White													.03		.05	.96					.05											1.09
Tumbling Shoals [2]	White															.33								T.		T.		.15					0.48
Turnpike	Arkansas															.13					.20		.15				.39						0.87
Viola	White															.60												.10	.08				0.78
Wabash	Mississippi																																....
Waldron	Arkansas																																0.00
Walnut Grove	White														.50				.36		.20										T.	1.35	2.41
Warren	Ouachita		.15										.45	.02	.10	.13																	0.85
Whitecliffs [2]	Red																					T						.10					0.10
White Rock	Arkansas										T.													.22	.32								0.54
Wilson [2]	Mississippi																														.20		0.20
Wright	Arkansas				.76										.09	.25																.05	1.15
Wynne [2]	St. Francis															.30				40													0.70

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for July, 1943

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda.....§§	Evap.	.297	.258	.209	.319	.339	.320	.371	.343	.335	.228	.274	.272	.278	.159	.374	.264	.414	.400	.281	.381	.386	.364	.321	.352	.420	.401	.456	.265	.330	.339	.221	9.971
	Mean tem.	65	73	77	83	83	78	79	71	75	78	78	77	77	85	81	85	84	84	85	87	83	86	83	84	82	85	81	81	84	85	85	81.0
	Wind move	48	37	20	73	53	42	50	63	49	34	32	22	40	40	18	17	46	29	11	33	35	8	30	18	11	49	27	15	37	41	12	1040
Hope, Exp. Farm.....§§	Evap.	.260	.219	.191	.187	.296	.288	.326	.268	.276	.261	.282	.239	.177	.181	.137	.255	.301	.286	.295	.310	.261	.265	.328	.335	.349	.284	.272	.289	.343	.285	.279	8.325
	Mean tem.	71	76	78	83	83	86	83	80	78	80	81	79	80	82	83	84	86	86	88	90	86	88	90	90	85	87	82	82	84	85	86	83.3
	Wind move	49	34	21	46	48	53	67	37	37	26	32	30	28	40	50	31	46	33	32	39	44	46	49	43	28	22	36	34	33	52	24	1190
Irons Fork... §§ Exp. Forest	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Russellville....	Evap.	.129	.238	.230	.311	.247	.164	.463	159	.079	.049	.298	.213	.240	.305	.365	.244	.356	.317	.290	.362	.208	.262	.210	.339	.205	.192	.408	.314	.294	.327	.303	8.121
	Mean tem.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	19	13	24	27	17	5	40	40	21	11	17	22	27	23	22	20	18	16	13	25	6	20	13	16	13	25	25	22	19	21	17	617
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.297	.233	.147	176	.306	.273	.158	.412	.291	.308	.158	.200	.182	.171	.178	.102	.264	.256	.247	.270	.266	.097	.366	.299	.210	.229	.277	.287	.299	.300	.236	7.495
	Mean Tem.	70	76	80	82	82	86	82	79	79	82	82	80	80	82	82	83	84	86	88	90	86	88	87	84	86	85	85	82	84	82	86	83.0
	Wind move	75	38	35	53	84	57	31	31	32	16	19	15	49	48	66	38	49	46	4	19	22	14	10	10	14	16	33	23	56	44	36	1083

Daily Temperatures for July, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	85	93	92	93	95	99	97	92	90	95	96	91	91	90	90	96	99	101	102	102	102	105	102	102	102	102	99	96	96	97	101	96.5
	Minimum	58	60	71	72	67	75	74	70	62	66	68	61	71	73	72	69	70	72	74	74	72	70	75	75	70	73	70	66	71	72	72	69.8
Arkadelphia §§	Maximum	87	93	94	94	98	102	98	91	93	96	96	92	93	93	100	98	100	102	103	107	101	105	105	105	103	102	100	98	98	99	101	98.3
	Minimum	57	62	70	71	67	71	69	69	63	66	69	69	71	72	71	72	73	71	73	76	68	71	74	75	68	73	69	68	71	72	72	69.8
Batesville ***	Maximum	83	94	94	97	100	98	93	90	93	96	98	95	92	99	99	101	103	103	105	105	106	110	100	101	105	103	98	98	96	99	101	98.5
	Minimum	51	57	73	74	74	72	66	64	63	65	65	66	68	72	70	72	73	72	74	73	66	69	70	70	68	71	67	70	69	71	74	68.7
Bee Branch	Maximum	85	93	92	94	96	101	99	91	93	96	96	96	94	98	94	94	97	99	100	101	105	105	97	100	101	102	97	98	95	98	100	97.0
	Minimum	50	57	67	68	69	72	70	66	63	64	66	64	68	67	66	68	65	70	71	72	70	69	70	71	65	69	65	66	69	68	67	66.8
Benton §§	Maximum	82	92	89	93	95	99	96	90	98	96	94	91	89	90	95	96	99	105	104	105	106	108	103	103	106	106	106	98	105	99	100	98.0
	Minimum	53	54	58	69	62	69	66	65	58	59	60	64	68	71	70	68	68	68	68	71	68	68	70	72	72	64	67	64	67	69	68	65.7
Bentonville §§	Maximum	81	87	88	91	95	92	83	85	82	91	94	92	93	94	92	95	98	97	98	100	102	105	104	103	103	97	96	97	95	95	97	94.3
	Minimum	55	57	65	71	70	68	63	60	52	59	63	63	65	72	70	69	71	72	70	69	65	72	70	68	68	68	74	73	73	73	73	67.1
Bluff City	Maximum	85	90	94	96	97	101	95	94	91	95	93	90	87	89	94	95	96	97	99	102	100	104	105	104	103	99	94	93	94	95	98	95.8
	Minimum	57	64	71	72	72	74	68	70	65	67	67	67	70	72	70	74	74	75	75	79	71	73	77	77	70	75	70	69	72	73	75	71.1
Blytheville	Maximum	83	93	91	95	97	96	90	87	90	91	93	93	91	95	98	98	98	99	100	99	99	101	95	94	99	94	97	97	96	94	96	94.8
	Minimum	53	65	75	75	72	73	69	65	66	68	68	70	70	70	72	73	74	74	75	74	69	70	69	66	74	70	70	69	70	69	72	70.0
Booneville	Maximum	84	91	92	96	97	100	96	92	93	96	98	95	93	97	99	101	103	104	106	107	106	109	109	107	103	103	100	99	99	102	107	99.6
	Minimum	55	55	70	73	68	72	68	68	58	63	66	65	70	72	72	70	70	72	73	71	72	72	75	76	70	71	71	71	72	70	71	71.4
Brinkley ***	Maximum	84	91	92	94	95	100	95	91	92	95	96	92	89	94	100	98	99	102	105	103	98	106	98	99	102	100	97	98	98	97	102	96.8
	Minimum	54	64	74	73	70	72	70	67	65	65	66	68	68	71	70	71	70	72	74	73	70	67	72	63	68	74	71	68	70	75	75	69.4
Camden	Maximum	86	88	91	95	97	100	97	92	92	97	98	87	87	92	94	95	98	102	103	102	104	107	106	102	102	100	99	95	99	98	100	96.9
	Minimum	56	63	71	72	72	72	68	75	64	66	69	71	73	72	70	75	75	73	75	72	72	72	75	75	68	73	71	69	71	74	76	71.0
Camp Robinson ***	Maximum	91	95	98	93	98	104	100	91	92	94	98	93	92	93	95	98	101	102	104	102	98	105	100	98	103	99	98	98	98	99	102	97.8
	Minimum	58	57	72	72	68	74	73	70	66	61	65	64	63	72	72	71	71	72	73	69	72	67	71	73	70	73	69	68	68	67	65	68.6
Clover Bend	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Conway	Maximum	87	96	93	99	102	104	100	95	97	100	100	97	96	100	95	102	104	107	108	105	108	110	104	107	108	104	99	101	101	102	105	101.2
	Minimum	54	61	72	73	68	75	70	70	65	65	70	68	72	72	73	71	72	74	76	75	72	72	75	74	69	73	67	75	73	73	73	70.7
Corning	Maximum	81	92	92	94	95	94	90	86	90	92	95	95	93	91	96	99	99	95	100	96	100	99	94	95	102	101	96	97	96	95	95	94.7
	Minimum	51	59	74	73	71	70	64	63	64	65	64	67	68	72	70	73	74	74	74	71	65	69	66	63	68	73	67	72	74	76	71	68.5
Crossett	Maximum	88	88	93	97	98	100	97	91	92	95	95	83	84	89	97	98	97	100	100	98	101	103	102	99	101	98	95	94	97	94	100	95.6
	Minimum	58	66	72	67	67	68	66	66	58	62	65	71	72	70	68	71	71	70	73	74	69	72	75	72	67	74	68	70	73	69	70	68.8
Dardanelle	Maximum	86	93	93	94	95	101	100	96	96	96	97	96	95	97	97	99	100	101	103	105	103	105	104	103	103	102	100	99	99	99	103	98.7
	Minimum	54	56	72	69	73	69	69	61	69	69	67	71	86	74	75	75	76	77	75	73	74	75	79	71	79	70	73	75	75	75	75	72.0
De Queen	Maximum	86	90	90	90	92	100	96	92	91	93	93	89	90	88	93	94	97	99	100	100	100	103	106	102	102	100	99	92	93	95	97	95.2
	Minimum	59	58	70	68	67	70	69	66	64	63	66	67	71	63	72	72	75	70	71	74	72	71	73	75	69	75	70	70	71	71	73	69.5
Des Arc	Maximum	83	93	92	91	97	98	93	87	91	93	101	94	97	96	94	97	100	100	102	100	97	102	96	97	99	96	97	97	98	98	102	96.2
	Minimum	56	64	75	74	71	74	70	68	65	66	69	70	71	72	72	71	72	75	78	72	71	68	74	68	69	76	70	70	71	75	74	70.7
Devils Knob	Maximum	78	84	83	84	90	94	86	83	85	90	88	90	90	93	91	92	95	95	97	100	98	103	98	97	96	93	89	89	88	90	94	91.1
	Minimum	53	61	69	69	72	71	65	63	65	69	68	67	67	69	71	71	72	74	74	80	73	76	72	74	75	67	71	71	68	71	73	69.7
Dumas	Maximum	89	93	95	98	100	103	99	92	95	95	99	99	96	92	97	97	100	101	104	100	104	107	104	100	102	100	100	99	101	98	104	98.8
	Minimum	56	67	72	74	70	74	71	69	65	65	69	73	72	72	72	71	73	73	76	78	73	73	76	74	73	75	74	69	70	75	74	71.5
El Dorado	Maximum	90	88	94	96	98	100	96	94	92	95	95	86	86	93	96	96	97	97	100	101	100	103	103	103	101	100	96	95	96	96	100	96.2
	Minimum	59	66	72	74	71	75	69	71	66	69	71	72	71	73	72	75	76	77	78	78	74	76	79	79	72	77	74	72	73	74	76	72.9
England	Maximum	76	94	92	91	93	94	95	96	89	84	89	86	93	98	100	100	98	100	101	100	96	98	99	100	101	102	98	99	98	98	101	95.5
	Minimum	51	60	70	71	75	76	71	72	70	72	64	68	74	76	69	68	67	68	78	75	68	77	78	76	78	78	67	70	64	76	71	70.9
Eureka Springs	Maximum	81	88	86	88	93	94	88	87	88	90	93	93	91	94	93	95	96	98	99	102	102	105	105	104	101	98	97	96	93	92	96	94.4
	Minimum	53	56	68	74	75	70	64	62	57	64	67	66	69	73	73	74	75	72	77	72	67	78	74	70	70	71	70	73	72	74	73	69.5
Fayetteville	Maximum	83	88	88	90	92	93	87	86	87	90	92	94	92	94	95	96	98	99	102	101	103	104	104	102	101	98	95	97	95	95	97	94.8
	Minimum	56	56	69	74	74	72	66	64	55	61	67	65	69	74	72	74	74	73	75	70	67	76	73	72	70	70	72	70	68	73	75	69.2
Fayetteville Exp. S	Maximum	81	87	87	89	93	93	89	85	87	90	92	92	91	95	95	95	97	99	100	102	101	103	105	103	104	102	96	97	94	95	97	94.7
	Minimum	54	56	66	74	74	70	63	61	53	60	65	65	68	73	71	73	72	71	73	68	65	73	72	71	71	69	68	69	68	72	74	67.8
Fordyce	Maximum	91	90	93	97	100	103	105	104	102	103	100	90	94	92	96	98	..	103	104	102	102	106	106	103	104	102	101	97	101	98	103	99.7
	Minimum	57	62	70	70	69	70	63	61	65	64	63	68	66	67	69	71	..	71	73	74	67	75	76	76	70	74	71	67	72	74	74	69.0
Fort Smith ***	Maximum	84	89	90	93	94	98	93	89	91	94	94	94	95	95	98	98	101	99	101	103	102	106	104	105	101	100	98	100	97	98	100	96.9
	Minimum	61	63	76	79	74	76	70	70	66	70	71	70	73	77	76	76	77	78	79	78	78	78	79	75	78	76	73	77	74	78	78	74.3
Gilbert §§	Maximum	82	92	92	95	97	97	93	90	92	93	95	95	93	96	94	97	98	99	100	97	97	96	98	98	96	96	96	96	96	96	96	95.1
	Minimum	48	52	58	68	65	65	60	55	54	59	62	62	63	63	63	65	67	68	68	68	62	65	68	68	68	68	65	63	63	67	67	63.1
Grannis	Maximum	83	83	93	92	92	103	95	87	90	92	95	91	91	89	94	95	98	100	105	104	101	104	104	102	100	102	95	94	97	98	101	95.8
	Minimum	53	58	67	65	65	67	66	66	63	61	66	62	69	66	68	69	68	68	70	72	70	70	71	72	67	70	67	65	65	67	69	66.5
Gravette	Maximum	87	88	87	90	94	94	88	87	88	91	95	94	93	94	96	96	96	99	99	103	103	105	106	107	103	101	98	99	98	95	98	95.9
	Minimum	56	58	66	73	72	69	60	62	53	61	65	65	68	72	70	73	73	73	72	68	68	72	72	70	69	69	70	69	70	71	74	67.8
Green Mountain	Maximum	79	90	87	92	95	98	96	87	91	97	97	94	92	99	89	99	99	102	101	101	105	103	104	101	105	104	103	102	99	99	105	97.3
	Minimum	52	60	67	73	75	75	65	63	61	73	75	75	66	70	75	75	76	77	78	77	78	79	70	78	75	67	66	71	70	75	71	71.2
Harrison	Maximum	81	90	90	92	95	94	91	87	89	92	93	95	94	97	92	96	98	100	101	102	104	106	100	102	103	100	99	96	96	94	99	95.7
	Minimum	51	54	66	72	75	72	66	63	56	63	65	64	65	71	70	70	74	71	71	70	61	70	70	72	69	69	67	68	68	73	71	67.3
Helena	Maximum	82	88	90	92	94	97	93	86	88	92	94	87	89	93	95	95	97	98	101	95	93	100	94	96	92	91	94	92	92	95	98	93.0
	Minimum	60	69	72	74	69	73	70	69	66	69	67	71	70	71	71	73	74	74	74	75	73	72	76	70	75	75	72	70	71	75	75	71.5
Highland	Maximum	94	95	92	93	94	100	99	94	96	97	95	91	92	91	95	96	97	101	100	105	100	103	102	102	99	100	95	94	94	95	97	96.7
	Minimum	61	62	59	60	58	64	64	65	84	65	65	64	69	64	59	64	67	65	75	70	64	65	66	70	77	78	78	79	74	74	76	67.3
Hope §§	Maximum	84	92	92	95	96	100	97	91	92	97	97	90	89	91	96	96	99	101	102	103	101	104	105	103	103	102	97	95	96	98	99	96.9
	Minimum	58	60	64	71	71	72	70	69	64	63	64	69	71	72	70	71	74	72	74	76	71	72	75	76	67	72	68	69	71	72	74	69.7
Hot Springs	Maximum	93	93	88	92	95	99	98	93	94	95	97	93	89	90	90	99	100	100	104	102	105	107	103	106	104	100	98	96	96	98	101	97.4
	Minimum	57	63	73	74	75	79	71	70	65	68	70	70	73	74	73	76	77	74	79	81	73	76	75	75	72	73	71	70	73	76	77	72.7
Irons Fork §§	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Jonesboro	Maximum	82	95	93	96	98	97	94	88	90	91	95	94	92	94	97	98	98	100	101	99	100	104	97	96	103	101	96	96	95	96	97	95.9
	Minimum	56	65	75	76	74	73	69	67	67	68	69	70	69	73	71	74	76	74	75	76	69	75	73	70	73	75	65	73	73	77	70	71.3
Lead Hill	Maximum	82	90	92	95	97	97	91	89	90	92	95	95	96	98	94	99	100	101	102	103	106	107	103	103	105	99	99	98	97	96	98	97.1
	Minimum	48	51	67	71	66	69	59	58	54	62	64	62	63	68	69	67	69	72	71	70	60	69	71	71	69	69	65	68	70	74	72	65.7
Little Rock ***	Maximum	83	93	91	96	97	101	96	91	92	94	97	91	91	89	93	96	98	99	102	100	97	105	99	98	102	98	97	97	98	98	102	96.2
	Minimum	58	66	74	74	70	76	73	72	70	71	70	71	74	73	73	72	73	75	76	71	74	73	78	76	72	77	72	70	73	76	74	72.5
Lutherville	Maximum	84	89	90	91	94	98	91	88	91	95	94	93	92	96	96	100	100	101	102	102	101	105	103	106	102	105	101	98	97	101	100	97.0
	Minimum	53	57	70	70	70	72	70	66	62	66	69	65	71	71	69	70	71	71	75	73	69	73	72	74	70	72	68	69	71	73	74	69.2
Magnolia	Maximum	88	91	95	98	102	104	98	93	93	96	96	98	90	97	99	99	99	100	101	105	103	103	105	100	100	102	96	97	100	100	103	98.4
	Minimum	59	68	70	71	70	70	77	70	65	66	66	72	70	73	71	73	73	72	82	71	72	72	74	77	69	76	72	70	72	81	73	71.5
Mammoth Spring	Maximum	83	93	95	97	97	94	92	88	92	94	95	96	95	95	93	99	100	99	100	98	103	101	99	98	103	99	97	99	98	95	97	96.3
	Minimum	50	56	68	76	71	70	68	62	60	63	62	64	65	70	72	70	71	72	73	69	69	69	69	66	66	70	66	69	71	75	72	67.5
Marianna §§	Maximum	85	90	92	92	95	97	93	88	91	93	95	90	92	96	97	97	100	100	102	100	97	105	96	98	100	104	98	96	96	95	100	95.5
	Minimum	55	62	73	73	68	71	69	67	65	65	69	66	69	71	71	72	71	73	73	75	72	63	74	65	74	71	72	68	70	74	73	69.6
Marked Tree §§	Maximum	84	95	91	93	94	96	90	86	90	92	95	90	87	93	96	96	98	100	101	99	98	103	94	97	99	95	98	95	96	95	96	94.6
	Minimum	53	54	73	74	71	72	69	67	66	67	69	68	67	71	71	72	72	73	75	75	71	70	72	68	72	73	71	71	71	76	75	70.0
Mena	Maximum	84	92	92	93	93	93	94	87	90	93	93	92	93	92	95	96	98	101	101	101	101	103	103	102	102	101	98	96	95	98	100	95.9
	Minimum	56	57	70	72	70	73	68	68	59	62	67	65	71	73	71	72	73	70	71	74	72	70	71	71	67	70	67	67	72	72	72	68.9
Monticello ***	Maximum	88	91	94	97	99	102	98	90	93	96	98	90	88	94	98	99	101	101	103	95	102	107	103	102	100	97	97	98	98	96	102	97.3
	Minimum	59	71	73	72	71	72	71	72	64	69	70	72	72	71	71	73	75	74	75	74	72	73	77	76	71	75	72	70	72	72	74	71.8
Morrilton §§	Maximum	84	94	94	98	96	101	94	90	94	97	96	95	93	97	95	99	100	102	104	103	102	106	103	102	103	103	99	98	97	99	97	97.9
	Minimum	57	57	64	72	70	70	69	69	63	64	69	68	70	73	70	73	72	75	76	75	71	71	72	75	67	69	69	70	69	72	73	69.5
Mountain Home	Maximum	83	91	91	94	97	96	89	89	91	92	95	95	94	96	93	97	99	99	102	102	106	107	102	102	103	98	96	96	94	94	99	96.2
	Minimum	49	54	68	68	68	65	65	57	58	64	61	63	63	69	68	68	69	67	70	70	61	69	69	68	65	67	68	68	70	72	72	65.6
Mt. Ida	Maximum	85	92	89	92	92	100	95	91	92	94	95	91	92	96	97	97	98	103	105	105	104	107	105	103	104	103	96	94	95	96	100	97.0
	Minimum	49	52	62	68	62	69	66	64	54	59	62	63	69	72	70	66	72	68	68	71	68	66	71	68	63	69	66	65	70	67	66	65.3
Nashville	Maximum	86	93	95	..	97	101	98	91	93	95	95	92	90	91	97	98	..	..	..	..	..	105	105	108	100	..	95	93	93	94	97	95.7
	Minimum	60	62	72	..	67	72	70	71	65	67	68	69	73	72	72	72	..	..	..	..	..	73	75	79	71	..	71	70	73	71	73	70.3
Newport	Maximum	84	94	93	96	98	98	97	88	92	94	97	94	92	93	96	97	99	101	102	100	102	105	98	100	102	100	97	96	96	96	97	96.6
	Minimum	56	64	76	75	70	73	69	67	65	66	68	69	70	74	73	74	73	74	75	77	70	69	73	69	70	70	70	72	73	74	76	70.8
Oden ***	Maximum	85	92	89	92	92	98	94	89	90	93	95	91	92	92	96	97	99	103	104	104	104	105	103	104	103	101	99	97	97	98	101	96.7
	Minimum	56	57	70	72	67	73	72	69	60	63	66	67	72	73	73	70	72	70	73	77	72	72	75	74	68	76	68	70	73	71	70	69.7

Daily Temperatures for July, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	86	94	94	95	97	101	98	98	95	96	96	95	89	93	95	96	98	102	102	104	100	103	105	104	104	101	94	95	94	96	98	97.4
	Minimum	57	59	71	71	66	70	68	66	65	64	66	69	71	71	70	73	73	71	72	74	69	72	74	75	71	68	66	70	72	72	71	69.3
Ozark	Maximum	85	89	93	95	96	98	96	96	92	96	98	98	97	102	100	104	103	104	106	108	106	110	104	107	102	100	98	99	98	98	102	99.4
	Minimum	54	57	70	72	68	73	68	67	59	65	68	67	72	72	72	70	70	73	70	76	70	71	69	70	70	70	70	72	67	72	72	68.9
Paragould	Maximum	83	95	94	95	97	94	89	86	91	93	93	95	92	93	97	97	97	96	100	97	100	100	95	95	100	101	95	95	94	96	96	94.9
	Minimum	53	61	73	73	70	71	67	65	66	67	65	65	67	70	68	70	71	72	71	72	65	69	69	66	68	73	66	71	72	75	70	68.4
Perryville	Maximum	84	93	94	97	98	101	97	95	98	96	97	96	94	97	96	100	99	100	104	103	102	108	103	103	104	102	98	99	100	102	104	98.9
	Minimum	51	56	70	69	64	73	70	67	60	65	65	64	69	69	70	69	69	71	74	72	69	70	72	72	65	71	66	67	70	69	70	67.7
Pine Bluff	Maximum	89	95	93	95	98	101	98	93	93	95	98	96	95	95	99	100	102	104	106	103	103	109	105	101	107	104	103	101	101	99	105	99.5
	Minimum	59	67	74	75	72	72	73	73	70	71	72	73	73	73	73	74	77	76	78	79	73	75	80	78	78	78	76	71	74	76	77	73.9
Pocahontas	Maximum	83	94	94	97	98	..		88	91	93	96	95	96	92	94	97	99	96	100	97	102	102	99	98	102	100	99	99	98	98	100	90.2
	Minimum	53	60	69	74	70	74	68	65	67	68	65	66	67	71	70	73	72	73	73	73	65	68	69	66	66	72	65	72	74	72	72	68.8
Portland	Maximum	90	87	95	100	100	103	101	93	93	98	96	82	85	90	95	95	97	99	100	94	100	105	104	99	101	100	96	96	96	97	100	96.4
	Minimum	59	75	72	75	75	73	70	69	63	67	69	71	72	70	70	72	72	75	75	76	72	76	80	72	80	74	71	70	70	72	75	72.0
Prescott	Maximum	86	93	95	97	98	103	99	99	92	97	97	97	92	92	96	97	99	101	101	103	101	104	105	101	102	101	97	97	97	98	101	98.0
	Minimum	59	65	72	73	72	74	71	72	67	68	68	70	72	73	71	74	74	74	76	78	73	74	78	76	71	75	79	69	72	75	74	71.9
Rogers	Maximum	80	86	86	84	91	92	86	84	84	89	90	90	90	93	93	94	96	97	97	99	99	102	102	101	98	95	95	96	93	93	96	92.6
	Minimum	56	58	69	73	71	71	66	64	58	64	68	66	68	72	71	72	73	74	74	73	68	75	74	74	72	72	71	70	70	72	74	69.5
Russellville	Maximum	84	92	93	96	96	100	97	91	92	95	96	96	95	98	96	100	99	98	102	103	102	103	99	102	102	102	99	99	99	101	102	97.7
	Minimum	..	..	..	..		..	.	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	....
St. Charles §§	Maximum	86	90	92	95	97	99	95	91	92	96	96	90	90	95	98	97	100	98	103	99	99	104	101	99	99	95	97	94	96	95	100	96.1
	Minimum	55	64	70	71	70	72	68	66	64	66	66	68	66	69	68	68	69	71	74	75	71	71	72	65	71	71	71	66	67	72	71	68.6
Searcy	Maximum	82	91	91	95	98	100	93	90	91	93	95	93	90	96	92	93	97	98	98	98	97	104	95	97	100	99	95	95	97	97	100	95.2
	Minimum	55	64	72	74	68	75	71	69	68	70	69	69	71	71	72	72	73	74	75	74	73	70	73	73	71	75	69	71	72	75	75	71.1
Sheridan	Maximum	83	93	90	92	94	97	95	88	92	94	95	91	89	91	94	96	98	99	101	101	97	103	99	104	100	100	102	98	96	97	102	95.8
	Minimum	51	58	70	69	72	71	66	65	60	64	69	67	69	69	68	69	69	70	70	70	67	68	77	76	73	71	76	66	70	71	71	68.5
Siloam Springs	Maximum	80	86	87	89	93	92	87	85	87	90	93	93	92	94	95	96	97	99	101	100	102	103	105	102	99	95	95	95	94	96	96	94.1
	Minimum	54	55	62	73	72	69	63	61	54	60	65	63	67	73	70	70	72	72	71	68	69	71	68	69	71	70	71	69	69	71	72	67.2
Stuttgart	Maximum	85	93	92	93	97	99	95	88	91	94	95	91	91	96	94	96	98	98	101	98	96	103	97	98	102	98	99	99	100	98	104	96.1
	Minimum	54	63	69	72	67	72	68	68	65	67	67	70	69	69	69	69	70	71	72	76	69	68	74	72	69	73	72	67	69	71	71	69.1
Stuttgart §§	Maximum	84	90	90	93	95	98	94	88	91	94	96	89	90	93	94	95	97	99	101	101	99	105	99	97	100	96	96	96	96	94	100	95.2
	Minimum	57	61	71	72	69	74	71	70	67	70	68	71	71	71	70	71	72	74	74	78	72	71	75	72	71	74	74	69	71	72	72	70.8
Subiaco	Maximum	85	92	93	95	97	99	93	92	93	96	98	95	95	98	98	103	103	102	104	107	105	107	107	109	105	103	100	100	98	100	104	99.2
	Minimum	56	59	..	73	72	74	72	68	63	66	70	69	71	77	72	74	74	75	78	77	70	76	72	79	70	71	69	72	72	76	75	71.4
Texarkana ***	Maximum	86	93	92	95	94	98	94	91	90	94	93	87	85	91	94	94	95	97	98	100	99	101	102	102	100	100	95	91	93	95	97	94.7
	Minimum	60	65	73	74	73	71	69	71	69	69	68	70	71	74	73	76	76	76	76	74	75	75	76	77	69	67	71	71	72	75	75	72.0
Turnpike	Maximum	77	83	82	85	87	91	83	81	84	87	89	88	87	90	89	91	94	97	96	95	96	99	95	97	97	93	91	92	91	91	95	90.1
	Minimum	51	59	67	68	71	71	67	62	63	67	70	67	67	69	71	70	71	75	76	65	72	77	73	73	76	66	69	68	68	71	75	68.9
Wabash	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Waldron	Maximum	85	90	90	95	94	99	94	91	91	95	98	95	94	95	99	98	100	102	103	105	104	107	107	103	102	104	100	98	97	98	102	97.9
	Minimum	54	54	71	73	68	72	69	67	58	61	66	64	70	72	71	74	75	70	72	72	72	70	77	73	68	74	70	70	74	70	71	69.1
Warren	Maximum	86	90	92	96	98	101	97	95	92	96	98	88	87	91	97	97	99	102	105	98	105	108	105	103	102	102	100	98	99	98	103	97.6
	Minimum	57	60	66	74	74	76	71	71	65	68	72	72	73	73	72	75	76	75	78	79	72	80	78	79	72	76	74	70	73	74	77	72.6
White Rock	Maximum	78	83	82	84	90	92	84	82	83	87	90	90	90	91	89	93	91	95	96	100	99	102	99	96	93	91	89	91	89	89	97	90.5
	Minimum	53	60	67	64	69	70	66	61	62	64	69	65	65	65	68	69	70	71	72	74	72	75	69	67	68	69	69	69	66	69	72	67.4
Wilson	Maximum	85	86	90	92	98	97	92	87	91	93	95	95	101	98	98	98	98	101	101	100	99	102	98	96	98	98	97	96	96	96	96	95.7
	Minimum	54	63	70	76	71	69	67	64	62	64	65	68	68	69	70	71	71	71	73	72	67	68	68	62	70	71	68	68	69	72	72	68.2
Wright	Maximum	82	91	87	90	92	97	92	91	88	91	92	90	87	92	95	93	94	97	99	98	96	103	100	98	98	96	95	95	94	94	97	93.7
	Minimum	54	61	70	72	68	76	69	67	65	67	66	69	70	70	69	69	72	70	72	75	69	67	74	73	68	66	70	65	69	73	73	69.0
Wynne	Maximum	84	94	92	95	97	98	93	98	92	92	96	92	91	96	99	98	102	100	103	101	100	106	96	98	101	98	99	98	98	99	102	97.0
	Minimum	51	63	73	69	66	70	65	62	60	61	65	66	67	69	70	69	70	72	74	72	69	68	72	64	67	73	70	67	69	69	73	67.6

Daily River Stages for July, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	15.5	13.7	11.9	11.0	10.0	9.5	9.4	9.2	9.2	9.0	9.0	8.8	8.8	8.4	8.4	8.4	8.3	8.1	8.0	7.9	7.6	8.3	8.2	8.4	9.3	9.1	8.9	8.4	8.1	8.0	7.8
Van Bureu	do	22	16.3	13.9	11.7	10.6	9.6	9.1	8.9	8.6	8.5	8.2	8.0	7.9	7.8	7.4	7.4	7.3	7.2	6.9	6.7	6.7	6.4	7.1	7.2	7.6	8.3	8.2	8.1	7.5	7.2	6.9	6.6
Danville	Petit Jean	20	3.5	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.6	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4
Ozark	Arkansas	22	12.1	11.0	8.1	7.2	6.2	5.3	4.7	4.4	4.3	4.2	4.2	4.1	4.0	3.8	3.5	3.4	3.4	3.3	3.3	3.0	3.0	2.9	3.2	3.3	4.0	4.5	4.4	4.2	3.7	3.5	3.4
Dardanelle	do	22	15.0	15.7	13.9	11.9	10.7	9.6	8.6	8.2	8.0	7.8	7.7	7.5	7.4	7.2	7.0	6.7	6.7	6.6	6.5	6.2	6.1	6.0	5.8	5.3	6.4	7.2	7.7	7.6	7.2	6.7	6.5
Morrilton	do	20	10.3	11.0	10.2	8.2	6.8	5.7	4.7	4.1	3.7	3.5	3.4	3.2	3.0	3.0	2.8	2.6	2.4	2.3	2.2	2.0	2.0	1.8	1.6	1.6	1.8	2.2	3.0	3.2	3.0	2.6	2.2
Little Rock	do	23	11.2	11.1	11.5	10.2	8.7	7.6	6.8	6.2	5.8	5.6	5.5	5.4	5.3	5.2	5.1	5.1	4.9	4.8	4.8	4.8	4.6	4.5	4.4	4.3	4.3	4.5	4.7	5.1	5.3	5.2	4.8
Pine Bluff	do	25	14.0	13.8	14.2	13.4	12.4	10.8	9.8	8.0	7.3	6.7	6.4	6.3	6.1	5.9	5.0	4.7	4.6	4.3	4.1	4.1	4.0	3.9	3.7	3.6	3.4	3.2	3.6	3.9	4.5	4.7	4.6
Gilbert	Buffalo	30	3.9	3.7	3.6	3.6	3.5	3.4	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.2	3.1	3.5	3.3	3.3	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.4	3.3	3.3	3.3
Black Rock	Black	14	5.6	5.3	5.0	4.7	4.7	4.5	4.5	4.4	3.9	3.8	3.8	3.6	3.6	3.4	3.5	3.5	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.6	2.5
Tumbl. Shoals	Little Red	30	3.2	3.1	3.0	2.8	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8
Ozark Beach Mo	White	30	-0.4	1.2	-0.4	1.0	0.7	1.0	-0.4	-0.4	-0.4	0.9	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.2	-0.3	0.0	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
Cotter	do	21	4.8	4.4	4.0	3.8	3.3	3.3	3.2	3.3	3.3	3.2	3.2	3.2	2.9	3.0	3.1	2.8	2.0	1.9	2.1	2.0	1.8	1.9	2.0	1.9	1.9	1.8	1.8	1.9	2.0	2.0	1.8
Calico Rock	do	18	4.2	3.7	2.5	2.8	2.1	2.2	2.1	2.0	1.8	1.8	1.8	1.8	2.0	1.1	1.7	1.8	1.6	1.1	1.3	1.4	0.8	1.1	1.1	1.0	1.1	1.3	0.8	0.7	0.8	1.0	0.9
Batesville	do	23	9.1	8.6	8.3	7.4	7.6	6.8	6.7	6.6	6.6	6.2	6.4	6.3	6.3	6.5	5.8	6.0	6.3	6.0	5.7	5.7	5.8	5.5	5.4	5.6	5.5	5.5	5.7	5.5	5.4	5.4	5.5
Newport	do	26	7.3	6.8	6.0	5.3	4.7	4.4	3.2	3.0	2.9	3.2	3.0	2.8	2.6	2.5	2.5	2.1	2.1	2.2	2.0	1.8	1.7	1.7	1.6	1.4	1.4	1.4	1.4	1.4	1.2	1.0	0.9
Georgetown	do	21	10.3	9.9	9.4	8.7	8.0	7.3	6.7	6.1	5.6	5.3	4.9	4.7	4.5	4.2	4.0	4.0	3.7	3.5	3.5	3.3	3.0	2.8	2.7	2.6	2.5	2.3	2.1	2.0	2.0	2.0	2.0
Des Arc	do	24	13.3	13.0	12.5	12.0	11.3	10.5	9.9	9.5	8.7	8.3	7.9	7.6	7.4	7.2	6.9	6.8	6.6	6.4	6.2	6.1	6.0	5.9	5.8	5.6	5.4	5.3	5.2	5.0	5.0	5.0	5.0
Clarendon	do	26	19.8	19.4	18.9	18.4	17.7	17.0	16.2	15.5	14.7	14.0	13.4	12.8	12.4	12.0	11.7	11.5	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.7	9.6	9.4	9.3	9.2	9.1	9.0
St. Charles	do	25	22.8	22.3	21.8	21.2	20.7	20.0	19.3	18.5	17.6	16.6	15.6	14.7	13.9	13.3	12.9	12.5	12.2	12.0	11.7	11.5	11.3	11.1	10.8	10.6	10.4	10.2	10.1	9.9	9.8	9.7	9.6
Glenwood	Caddo	..	5.7	5.7	5.7	5.7	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Arkadelphia	Ouachita	17	4.8	4.5	4.4	4.5	4.5	4.1	4.9	4.2	4.6	4.5	4.4	4.4	4.3	5.1	4.4	4.5	4.5	4.5	4.4	5.2	5.6	5.1	5.3	5.8	5.8	4.8	6.0	5.9	4.8	4.9	6.0
Boughtou	Little Mo.	20	3.7	3.6	3.7	3.7	3.7	3.6	3.8	3.8	3.7	3.7	3.5	3.4	3.4	3.4	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3
Camden	Ouachita	26	5.6	5.1	4.6	4.4	4.2	4.3	4.2	4.0	4.3	4.2	4.3	4.3	4.5	4.4	4.4	4.7	4.3	4.4	4.6	4.4	4.3	4.6	4.8	4.6	4.8	5.2	5.0	4.5	4.9	4.9	4.5
Beuton	Saline	20	4.8	4.4	3.9	3.7	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.2	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
Index	Red	25	8.6	8.5	8.6	8.5	8.4	8.1	8.4	8.4	8.1	8.0	7.5	6.7	6.7	7.7	7.9	7.8	7.6	7.6	7.6	7.4	7.2	7.0	7.0	7.0	7.0	7.0	6.8	6.8	6.7	6.7	6.6
Fulton	do	25	9.3	9.2	9.2	9.2	9.0	8.8	9.0	9.0	8.8	8.5	8.3	8.2	8.3	8.3	8.3	8.3	8.2	8.1	8.0	7.8	7.7	7.6	7.5	7.4	7.4	7.4	7.4	7.2	7.1	7.1	7.1
Big Lake Outlet	St. Francis	10	5.2	5.2	5.2	5.2	5.2	5.1	5.1	4.7	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.0	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.2	3.2	3.1
St. Francis	do	18	18.3	18.2	18.1	17.9	17.9	17.8	17.4	16.8	15.9	14.4	12.2	9.7	7.3	5.6	4.6	4.6	5.3	5.8	5.7	4.7	4.1	3.7	5.1	6.9	6.8	5.7	5.0	3.8	4.5	3.6	4.3
St. Francis L.L.	do	..	21.3	21.3	21.3	21.3	21.3	21.2	21.1	21.0	20.9	20.9	20.8	20.7	20.7	20.5	20.5	20.3	20.0	19.8	19.5	19.3	19.0	19.5	18.8	18.1	17.4	16.9	16.3	15.9	16.3	16.5	16.3
Marked Tree	do	17	6.7	6.7	6.3	6.6	6.6	6.6	6.7	6.6	6.5	6.5	6.5	6.4	6.2	7.0	6.9	7.1	7.1	7.0	6.8	6.7	6.5	3.3	5.9	6.1	5.9	5.3	4.8	4.5	3.9	3.5	4.0
Parkin	do	28	8.9	8.6	8.5	8.2	8.2	8.1	8.0	7.7	7.6	7.5	7.3	7.1	7.0	6.9	7.1	7.1	7.1	7.0	6.8	6.6	6.4	6.1	5.2	4.9	5.4	5.4	5.0	4.7	4.3	4.1	3.7
Madison	do	32	13.6	13.2	13.1	13.0	12.9	12.7	12.2	11.5	10.7	10.0	9.4	8.9	8.5	8.4	8.3	8.3	8.1	7.7	7.4	6.9	6.5	[illegible]	5.8	4.9	4.8	4.6	3.9	3.9	3.6	3.3	3.0
Helena	Mississippi	44	31.5	31.4	31.4	31.3	31.2	30.7	29.9	28.7	27.4	26.2	25.3	24.6	24.3	24.3	24.3	24.1	23.8	23.5	23.1	22.7	22.1	21.7	21.4	21.1	20.4	19.3	18.1	17.1	16.3	15.9	15.4
Arkansas City	do	42	29.8	29.5	29.3	29.1	28.9	28.6	28.1	27.3	26.3	25.1	23.9	22.8	21.9	21.3	21.1	20.9	20.7	20.4	20.1	19.8	19.3	18.9	18.5	18.1	17.7	17.2	16.4	15.5	14.7	14.0	13.4

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 0 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Pos office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ^{1}Precipitation is for the 24-hour period, midnight to midnight. ^{2}Precipitation measured in morning; amount recorded is for the preceding 24 hours. ^{3}Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T, Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:--Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVIII　Little Rock, Ark., August, 1943　No. 8

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GENERAL SUMMARY

August was the hottest month since 1936, and the fourth hottest on record. Maximum temperatures averaged above 100° at many stations. Temperatures at Little Rock reached 100° or higher on 17 days, and at several other stations 100° was reached or exceeded on 25 days. The only relief from the extremely hot weather occurred from the 17th to 20th, when temperatures were from 10° to 20° lower.

The month was very dry, the average precipitation for the State amounting to only 29% of normal. All stations, with the exception of Portland and Madison, reported less than normal amounts of rain. Portland measured 4.67 inches but three fourths of it occurred during a heavy thunderstorm on the 10th. Sixty-four stations had less than an inch and ten stations reported less than .01 inch during the month. The average precipitation for July and August of this year was 1.08 inches, which is the least of record for that period. There were only three days with a measureable amount of rain, while clear, partly cloudy and cloudy days amounted to 21, 8 and 2 respectively.

The extremely hot, dry weather resulted in considerable further deterioration in growing crops. Much of the late corn was damaged beyond recovery and was cut for fodder. Cotton suffered additional damage from the drought. Bolls opened prematurely and picking and ginning were in progress before the end of the month. Meadows and pastures afforded little feed for livestock and some farmers are selling their cattle for lack of feed. Early varieties of rice were being cut and late varieties were heading. Some rice acreage had been abandoned because of lack of water. Seasonal fruits and vegetables were on the market in good quantities but quality was generally poor. Little fall plowing was done because of the hard soil. Forests and fields were very brown and dry for this time of the year and the fire hazard is extremely high.

TEMPERATURE

The mean temperature for the State, as determined from the records of 78 stations, was 84.6°, which is 4.5° above the 51-year average for August. The highest monthly mean temperature was 89.0° at Pine Bluff and the lowest was 78.6° at Gilbert. The highest temperature recorded was 113° at Conway on the 15th and Booneville on the 16th. The lowest was 48° at Lead Hill on the 18th.

PRECIPITATION

The average precipitation for the State, as determined from the records of 108 stations, was 1.03 inches, which is 2.53 inches below the 53-year average for August. The greatest monthly total was 4.67 inches at Portland. Six stations recorded no precipitation. The greatest amount recorded in a 24-hour period was 3.50 inches at Portland on the 10th.　B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:--1,4,5,8,9,10,11,14,15,16,17,27,28.

High Winds:---8,10,15,16.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.11	18	29.60	3	6.7	27	ne.	16	68	43	35	83	0
Little Rock	30.11	6	29.69	16	7.5	39	ne.	10	79	42	44	86	0
Memphis ..	30.07	6	29.63	16	7.2	21	w.	16	79	53	50	79	0

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.3	106	47	4.39	0.0	9	13	11	7
1893	77.3	102	48	3.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.35	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	3
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	105	47	4.34	0.0	8	15	12	4
1904	78.1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.78	0.0	6	18	10	3
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	43	8.92	0.0	8	13	12	6
1911	78.0	107	45	8.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	3	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	43	4.10	0.0	8	16	7	8
1918	82.6	115	52	3.90	0.0	7	15	9	7
1919	80.6	113	55	4.29	0.0	7	16	8	7
1920	76.8	102	46	4.08	0.0	8	13	9	9
1921	81.5	106	56	5.46	0.0	8	15	9	7
1922	80.4	111	51	1.90	0.0	5	18	8	5
1923	81.9	109	49	2.48	0.0	4	18	8	5
1924	82.2	108	43	2.40	0.9	5	20	8	3
1925	80.3	108	47	1.81	0.0	4	22	7	2
1926	80.7	110	47	5.50	0.0	10	14	10	7
1927	76.6	105	43	6.01	0.0	10	12	10	9
1928	81.3	105	51	4.62	0.0	7	17	6	6
1929	80.8	110	41	1.29	0.0	3	22	7	2
1930	81.8	114	46	2.53	0.0	5	17	10	4
1931	76.7	103	42	4.71	0.0	9	15	9	7
1932	81.5	104	47	1.78	0.0	5	19	10	2
1933	79.1	101	49	4.42	0.0	8	12	11	8
1934	84.8	116	48	2.75	0.0	6	15	11	5
1935	82.0	113	46	1.74	0.0	4	18	9	4
1936	85.0	120	43	0.44	0.0	2	19	10	2
1937	82.3	111	55	3.45	0.0	7	15	10	6
1938	83.2	109	54	2.26	0.0	5	18	9	4
1939	80.2	107	49	2.50	0.0	6	16	11	4
1940	77.7	104	45	4.96	0.0	9	14	10	7
1941	80.7	107	50	3.94	0.0	9	12	13	6
1942	78.8	106	53	5.96	0.0	9	11	12	8
1943	84.6	113	48	1.03	0.0	3	21	8	2
Period	80.1	120	39	3.56	0.0	7	16	10	5

Corrections for May.--Stuttgart Evaporation Station, mean maximum 81.0°, monthly mean 71.4°.

Corrections for July:-Helena, temperature departure +0.6°. Monticello, greatest 24 hour precipitation 0.32 on 2d, days with 0.01 or more precip. 5. Mountainburg, date greatest 24 hour precip. 12th. Pocahontas, mean maximum temp. 96.4°, mean monthly 82.6°, departure +2.2°.

Climatological Data for August, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	6	84.8	....	105	14§	58	20	0.55	....	0.25	16	0.0	3	13	17	1	n.	L. R. Water Works
Arkadelphia	Clark	200	47	85.4	....	110	10§	56	20	0.26	−3.37	0.17	10	0.0	2	20	11	0	sw.	George S Dews
Arkansas City	Desha	145	58	....	....	....	....	....	....	1.19	−2.77	1.15	11	0.0	2	29	2	0	....	John W. Trammell
Batesville Airway	Independence	363	6	84.8	+5.3	110	16	54	20	1.44	....	0.68	28	0.0	5	14	12	5	s.	Airway Observer
Batesville Livestk.	Independence	....	2	82.8	....	109	16	50	19§	2.60	....	1.39	27–28	0.0	5	16	15	0	sw.	University of Arkansas
Batesville River	Independence	277	43	....	....	....	....	....	....	1.57	−2.84	0.55	16	0.0	6	21	7	3	....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	83.6	+3.9	107	16§	54	18§	1.15	−2.88	0.65	5	0.0	4	21	9	1	n.	Miss Minnie Scanlan
Benton	Saline	285	7	84.0	....	109	9§	51	20§	0.72	....	0.63	9	0.0	2	28	3	0	sw.	S. A. Burks
Bentonville	Benton	1295	37	83.7	+6.8	103	15	58	18	2.31	−1.75	1.47	4	0.0	4	13	18	0	s.	E. L, Browne
Bethesda †	Independence	500	3	82.0	....	112	27	50	19§	2.44	....	1.40	27–28	0.0	4	12	19	0	w.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	12	....	....	....	....	....	....	0.95	−1.88	0.59	1	0.0	5	22	4	5	....	C. J. Brooks
Black Rock	Lawrence	259	41	....	....	....	....	....	....	2.03	−2.08	0.78	16	0.0	5	24	1	6	s.	Vernon C. Howe
Bluff City	Nevada	....	2	85.8	....	106	16	58	20	0.00	....	....	....	0.0	0	29	2	0	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	82.3	+3.2	104	16§	55	19	1.72	−3.19	1.10	1	0.0	5	22	9	0	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	28	87.9	+5.8	113	16	61	19	0.94	−3.14	0.56	28	0.0	3	24	7	0	s.	F. H. Randolph
Boughton †	Clark	235	7	....	....	....	....	....	....	0.30	....	0.30	10	0.0	1	21	2	8	....	Mrs. Ruby Brown
Brinkley	Monroe	205	51	83.8	+3.4	109	16	53	20	0.77	−2.90	0.72	10	0.0	2	11	12	8	s.	U. S. Weather Burean
Calico Rock	Izard	361	38	....	....	....	....	....	....	1.89	−2.47	1.50	4	0.0	5	14	4	13	....	William Jones
Camden	Ouachita	116	57	85.8	+5.2	109	16	55	20	0.37	−2.91	0.37	10	0.0	1	23	8	0	sw.	J. M. Knight
Camp Robinson	Pulaski	463	2	83.7	....	109	16	56	24	0.24	....	0.24	10	0.0	1	12	19	0	sw.	U. S Army
Clarendon	Monroe	172	38	....	....	....	....	....	....	0.16	−3.52	0.11	1	0.0	2	19	10	2	sw.	B. F. Northern
Clover Bend	Lawrence	235	4	....	....	....	....	....	....	2.22	....	1.49	28	0.0	5	....	....	..	s.	Farm Security Adm.
Conway	Faulkner	309	59	87.8	+6.2	113	15	56	19§	0.16	−3.40	0.10	28	0.0	3	29	2	0	s.	E. E. Cordrey
Corning	Clay	293	49	82.6	+4.1	105	25§	52	19	1.47	−2.82	0.80	1	0.0	3	21	7	3	sw	Robert B. Polk
Cotter	Baxter	440	15	....	....	....	....	....	....	1.97	−1.45	0.82	5	0.0	3	21	9	1	....	O. B. McSpadden
Crossett 7 miles s	Ashley	175	36	83.2	+1.2	107	10	55	19	1.74	−1.58	1.74	11	0.0	1	23	5	3	s.	U. S. Forest Service
Dauville	Yell	327	26	....	....	....	....	....	....	0.38	−3.66	0.22	28	0.0	2	24	7	0	....	J. M. Patterson
Dardanelle	Yell	330	56	87.5	+6.7	109	16	58	18	0.78	−2.85	0.38	28	0.0	4	13	14	4	se.	Geo. N. Goodier
DeQueen	Sevier	426	7	85.4	....	108	16	63	19	0.00	....	....	....	0.0	0	....	....	..	....	L. D. McCown
Des Arc	Prairie	204	4	84.0	....	107	27	55	19	0.35	....	0.35	10	0.0	1	12	9	10	n.	Z. R. Glenn
Devils Knob †	Johnson	2350	6	82.4	....	102	15	54	18	1.70	....	0.83	1	0.0	4	26	2	3	sw.	U. S. Forest Service
Dumas	Desha	162	37	86.2	+4.7	110	16	57	20	T.	−3.59	T	9	0.0	0	18	13	0	s.	Ben Johnson
El Dorado	Union	270	42	86.0	+3.8	105	9	61	19	2.20	−0.80	2.20	10	0.0	1	28	3	0	s.	Mrs. E. W. Gaston
England	Lonoke	229	36	84.1	+3.3	106	27	56	21	T.	−3.64	T.	11	0.0	0	19	12	0	sw.	O. V. Halbrook
Eureka Springs	Carroll	1465	42	84.2	+5.8	104	15	51	18	1.42	−3.55	0.72	5	0.0	4	27	4	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	5	85.0	....	104	9§	56	18	1.04	....	0.49	11	0.0	5	12	13	6	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	55	83.7	+5.5	103	9§	52	18	0.83	−3.21	0.51	5	0.0	5	20	11	0	sw.	University of Arkansas
Fordyce	Dallas	280	2	85.8	....	108	8§	58	19	0.31	....	0.20	10	0.0	2	25	2	4	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	88.0	+7.5	106	16	64	18	1.22	−2.06	0.75	16–17	0.0	3	15	11	5	e.	U. S. Weather Burcan
Fort Smith Wtr.P. †	Crawford	793	5	....	....	....	....	....	....	0.22	....	0.22	28	0.0	1	24	6	1	....	Ft. Smith Water Plant
Fulton	Hempstead	260	57	....	....	....	....	....	....	0.10	−3.10	0.10	11	0.0	1	24	6	1	....	Ina J. Logan
Georgetown	White	200	36	....	....	....	....	....	....	0.14	−3.57	0.14	10	0.0	1	25	5	1	....	C. G. Long
Gilbert	Searcy	600	17	78.6	....	98	7	59	18§	1.96	−1.92	0.73	15	0.0	4	27	2	2	s.	F. E. King
Glenwood	Pike	547	7	....	....	....	....	....	....	0.10	....	0.06	10	0.0	2	28	1	2	....	Chas. A. Price
Grannis	Polk	950	23	84.3	+4.9	110	16	52	18	0.47	−3.17	0.17	7	0.0	3	20	11	0	s.	W. E. McVay
Gravette	Benton	1250	45	83.8	+6.2	104	15	52	18	1.92	−2.21	1.19	5	0.0	4	29	2	0	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	5	86.6	....	107	26§	57	18	1.60	....	0.90	5	0.0	3	12	15	4	sw.	U. S. Forest Service
Harrison	Boone	1052	42	82.6	+5.6	105	24§	50	18	2.12	−1.91	1.15	1	0.0	3	22	8	0	sw.	J. M. McGaughey
Helena	Phillips	300	70	84.6	+4.0	105	27	60	18	0.29	−3.53	0.28	16	0.0	2	18	7	6	sw.	James A. Burnett
Highland	Pike	491	23	....	....	108	16	..	..	0.20	−3.58	0.20	17	0.0	1	28	2	1	s.	Clyde Cooley
Hope 3 miles e ‡†	Hempstead	375	72	85.4	+3.0	109	16	57	20	0.07	−2.90	0.04	17	0.0	3	22	7	2	sw.	University of Arkansas
Hot Springs	Garland	600	51	88.0	+6.9	109	16	61	20	1.82	−2.00	1.75	10	0.0	3	28	3	0	s.	National Park Service
Index †	Little River	275	25	....	....	....	....	....	....	0.70	−2.59	0.40	17	0.0	2	30	1	0	....	W. F. McDowell
Jessieville	Garland	750	16	....	....	....	....	....	....	0.14	−3.38	0.09	9	0.0	2	13	18	0	s.	U. S. Forest Service
Jonesboro	Craighead	345	47	84.2	+4.1	105	16§	57	19	2.05	−1.67	1.20	31–1	0.0	8	18	10	3	ne.	Benedictine Sisters
Lead Hill	Boone	650	36	81.8	+4.1	105	24§	48	18	2.21	−2.93	1.18	1	0.0	3	26	5	0	s.	J. H. Crosswhite
Little Rock	Pulaski	257	63	85.4	+5.6	107	16	59	20	0.40	−3.35	0.40	10	0.0	1	14	13	4	sw.	U. S. Weather Burean
Lutherville †	Johnson	775	44	84.9	+5.2	107	15§	57	18	1.39	−2.46	0.62	1	0.0	5	22	8	1	s.	Clarence Lenhardt
Madison	St. Francis	209	12	....	....	....	....	....	....	2.75	+0.05	1.55	16–17	0.0	2	11	4	16	....	J. W. Eppes
Magnolia	Columbia	315	26	87.0	+4.5	108	16	55	20	0.16	−2.88	0.16	10	0.0	1	13	17	1	ne.	State Agri. School
Mammoth Spring	Fulton	600	38	82.6	+5.1	105	15	51	20	0.36	−3.91	0.25	1	0.0	2	20	11	0	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	84.4	+4.4	108	27	50	19§	0.00	−3.26	0.00	....	0.0	0	12	16	3	ne.	University of Arkansas
Marked Tree	Poinsett	229	38	82.2	+3.0	104	16§	55	20	0.38	−3.25	0.38	4–5§	0.0	2	23	8	0	n.	Charles Walton
Mena	Polk	1207	54	86.0	+6.1	109	16	59	20	0.56	−3.78	0.47	8	0.0	2	20	6	5	sw.	E. W. St. John
Monticello	Drew	273	2	86.2	....	108^{a}	8§	64	18§	0.96	....	0.74	10	0.0	3	19	8	4	sw.	Airway Observer
Morrilton †	Conway	315	26	84.0	+2.3	107	15§	52	20	0.84	−2.76	0.60	28	0.0	3	15	14	2	sc.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	....	....	....	....	....	....	1.26	....	0.74	5	0.0	3	21	9	1	sw.	C. A. Lovell
Mountain Home †	Baxter	800	30	81.2	+3.2	104	24§	51	19	4.15	−0.13	3.25	5	0.0	3	23	6	2	w.	H. N. Halbert
Mountain Valley	Garland	788	5	....	....	....	....	....	....	0.00	....	0.00	....	0.0	0	23	6	2	s.	C. A. Cockman
Mount Ida	Montgomery	702	43	83.3	+3.9	111	16	49	20	0.41	−3.09	0.34	5	0.0	3	21	9	1	sw.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	4	....	....	....	....	....	....	0.90	....	0.50	28	0.0	3	26	2	3	....	Clifton H. Ward
Nashville	Howard	350	4	84.8^{h}	....	106	10§	..	..	0.52	....	0.50	5	0.0	2	29	2	0	sw.	Brice Carruth
Newport	Jackson	231	59	84.4	+4.4	110	16	56	20	1.49	−2.43	1.12	16	0.0	3	18	8	5	sw.	W. T. Moyer
Nimrod Dam	Perry	....	1	85.6	....	109	15	54	20	0.65	....	0.26	28	0.0	4	21	8	2	e.	U. S. Engineers
Oden	Montgomery	800	15	86.0	....	111	16	57	19	0.30	−2.69	0.22	5	0.0	2	19	12	0	sw.	U. S. Forest Service
Okay	Howard	288	14	84.7	+2.9	108	16	56	20	0.00	−2.48	0.00	....	0.0	0	27	4	0	sw,	Charles R. Jackson
Osceola	Mississippi	250	42	....	....	....	....	....	....	0.56	−2.66	0.32	5	0.0	4	23	6	2	....	G. H. Banks
Ozark	Franklin	396	47	87.6	+5.9	112	16	62	18§	0.80	−3.01	0.52	4	0.0	3	16	8	7	se.	Orkney O. Milton
Paragould	Greene	275	19	80.7	....	101	16§	52	19	2.13	−2.84	0.55	14	0.0	7	26	4	1	sw.	J. E. Garrett
Parkin	Cross	222	12	....	....	....	....	....	....	1.25	−1.63	0.79	16	0.0	3	19	4	8	....	Carroll King
Perryville	Perry	325	3	84.8	+5.6	110	16	51	20	0.17	−3.88	0.08	1	0.0	3	14	17	0	w.	Rudolph C. Cranford
Pine Bluff	Jefferson	215	55	89.0	+7.2	112	15	62	18§	0.16	−3.27	0.16	9	0.0	1	16	14	1	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	....	....	....	....	....	....	0.00	−2.38	0.00	....	0.0	0	19	11	1	sw	J. R. Huddleston
Pocahontas	Randolph	300	49	82.5	+3.1	105	26§	55	19§	2.87	−1.98	1.25	5	0.0	4	18	11	2	s.	Benedictine Sisters
Portland	Ashley	122	36	85.0	+3.6	107	27	59	20	4.67	+1.46	3.50	10	0.0	3	24	6	1	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	87.4	+5.8	109	16	61	20	0.18	−3.13	0.17	10	0.0	2	23	7	1	sw.	W. R. Hambright
Rogers	Benton	1300	52	82.6	+5.2	101	13§	54	18	2.09	−1.81	1.12	5	0.0	5	18	12	1	se.	Howard Fowler
Rosebud	Faulkner	680	8	....	....	....	....	....	....	2.01	....	1.25	10	0.0	8	22	6	3	se.	G. A. Maddox
Russellville ‡‡	Pope	526	39	85.4	....	108	16	55	18§	2.17	−1.26	0.81	28	0.0	6	11	17	3	e.	Ark. Tech. College
St. Charles	Arkansas	175	9	84.9	....	109	16	58	19	0.12	....	0.10	10	0.0	2	16	9	6	sw.	U. S. Biological Survey
St. Francis	Clay	290	15	....	....	....	....	....	....	2.19	−2.05	1.79	31–1	0.0	2	26	0	5	....	W. S. Buckley
Searcy	White	245	32	83.8	+3.7	106	27	57	20	2.95	−1.10	2.74	10	0.0	4	26	2	3	ne.	Walter A. Smith
Sheridan 8 miles n †	Grant	....	2	84.2	....	111	16	55	19§	0.25	....	0.13	16	0.0	2	8	20	3	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	84.2	....	110	7	52	18	0.53	....	0.46	4–5	0.0	3	9	22	0	s	John Brown University
Springbank †	Miller	240	33	....	....	....	....	....	....	0.92	−2.18	0.77	10	0.0	2	29	0	2	....	Henry Field
Story	Montgomery	650	18	....	....	....	....	....	....	0.04	−2.80	0.04	10	0.0	1	26	5	0	s.	S. C. Story
Stuttgart	Arkansas	214	55	84.5	+3.5	108	16	57	19§	0.47	−2.92	0.47	10	0.0	1	28	3	0	w.	Mrs. B. E. Swim
Stuttgart 9 miles e ‡‡	Arkansas	198	7	83.6	....	107	16	58	18§	0.04	....	0.04	10	0.0	1	....	....	..	....	University of Arkansa
Subiaco	Logan	750	44	87.2°	+5.6	109	3§	56°	18	1.13	−2.66	0.87	28	0.0	3	25	5	1	se.	New Snbiaco Abbey

Climatological Data for August, 1943 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	58	85.8	+3.5	104	10	63	19	0.20	−3.42	0.12	17	0.0	2	12	17	2	sw.	U S. Weather Bureau
Tumbling Shoals	Cleburne	272	13	....	....	....	....	....	....	1.77	−1.77	0.94	4–5	0.0	8	21	9	1	....	Lester B. Logan
Turnpike†	Pope	2240	18	81.7	....	101	10	53	18	1.66	−2.31	0.61	28	0.0	6	26	1	4	sw.	U. S. Forest Service
Wabash	Phillips	179	3	....	....	....	....	....	....	....	....	....	....	0.0	....	....	....	....	....	Farm Security Adm.
Waldron	Scott	675	23	86.3	....	109	16	55	19	0.29	−3.42	0.20	7	0.0	3	13	17	1	se.	Lavon Shoptaw
Warren	Bradley	206	48	86.8	+5.2	109	8	60	20	1.05	−2.48	0.85	10–11	0.0	4	11	11	9	sw.	C. N. Turner
Whitecliffs	Little River	290	36	.	....	....	....	....	....	T.	−2.67	T	18	0.0	0	31	0	0	....	L. M. Snead
White Rock†	Franklin	2285	6	82.8	....	104	10	54	18	0.54	....	0.50	28	0.0	2	27	4	0	sw.	U. S. Forest Service
Wilson	Mississippi	237	17	83.4b	+4.8	105	27	56	18§	0.45	−3.47	0.40	5	0.0	2	16	1	14	s.	D. O. Anderson
Wright	Jefferson	234	3	...	....	....	....	....	....	....	....	....	....	0.0	..	..	..	..	....	Farm Security Adm.
Wynne	Cross	167	34	83.4	+3.4	106	16	55	18	2.99	−0.72	1.65	16	0.0	5	21	6	4	s-	B. M. Eddins
State Means				84.6	+4.5	113	15§	48	18	1.03	−2.53	3.50	10	0.0	3	21	8	2	sw.	

Daily Precipitation for August, 1943

Stations	Drainage basin	Day of Month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas																	.16												.13			0.29
Alum Fork Reser.	Ouachita	.05															.25		.25										T.				0.55
Arkadelphia[2]	Ouachita						.09					.17						T.															0.26
Arkansas City[2]	Mississippi	.04										1.15																					1.19
Batesville Air'y[1]†	White	.12				.39					.03				T.		.22												.68				1.44
Batesville Livestk[1]	White		.17			.05	.99																						1.03	.36			2.60
Batesville River[2]	White	.06	.02			T.	.45					T						.55											.12	.37			1.57
Beaty Lake	St. Francis	T.								T						.93		1.88											T				2.81
Bee Branch	Arkansas	.15				.65												.20											.15				1.15
Beech Grove	White																																..
Beedeville[2]	White	T	T.									T.			T.			.44												.51			0.95
Benton[2]	Saline										.63	.09																					0.72
Bentonville[2]	Arkansas		.72			1.47										T							T			T.			.05			.07	2.31
Bethesda	White	.19				.85																							1.03	.37			2.44
Big Lake Outlet[2]	St. Francis	.50	.09				.11			T	T							T.											.22	.03			0.95
Black Rock[2]	White	.54				.16	T.			T.						T		.78											.35	.20			2.03
Bluff City	Ouachita																																0.00
Blytheville[2]	St Francis	1.10				T.				.01	.20																		.38	.03			1.72
Booneville 3 mi- w	Arkansas					.02												.36											.56				0.94
Booneville[2]	Arkansas																																....
Boughton[2]	Ouachita											.30																					0.30
Brinkley[1]	White					T				T.	.72				.05		T.	T.											T.				0.77
Burdette	Mississippi	.87				.65				.04												.17											1.73
Calico Rock[2]	White	.26	.02			1.50						.09				.02																	1.89
Camden	Ouachita											.37																					0.37
Camp Robinson[1]	Arkansas										.24																						0.24
Carlisle[2]	Arkansas											.26					T																0.26
Clarendon[2]	White		.11									.05																					0.16
Clover Bend	White	.18													.11	.08	.36												1.49				2.22
Cold Springs	Ouachita																	.22											.11				0.33
Conway	Arkansas	.03																.03											.10				0.16
Corning[2]	White	.80				.19				.48						T.		T.															1.47
Cotter[2]	White	.59				.82						.56				T																	1.97
Crossett	Ouachita											1.74	T					T															1.74
Danville[2]	Arkansas																	.16												.22			0.38
Dardanelle[2]	Arkansas		.34			.03												.03												.38			0.78
Denmark[2]	White		.02			.16	T					.84				.02		.01												1.04			2.09
De Queen	Red																																0.00
Dermott[2]	Mississippi										.15	1.43						T.															1.58
Des Arc[2]	White		T.				T.					.35						T															0.35
Devils Knob	Arkansas	.83				.14												.29											.44				1.70
Dumas	Mississippi									T.																							T
Eagle Gap[2]	Arkansas								.11			.05						.15															0.31
El Dorado[2]	Ouachita											2.20																					2.20
Eleven Point[2]	White	.38				.61			T	T.						T.	T				T								.04				1.03
England	Arkansas											T.																					T.
Eureka Springs	White	.53				.72									.12														.05				1.42
Evening Shade[2]	White	.39	.12			.25	.29									.02		.01											.05	.01			1.14
Fayetteville	White	.15			.08	.26						.49						T.			T.								.06				1.04
Fayetteville Exp. S	White	.22			.04	.51						.06																					0.83
Fordyce	Arkansas										.20						.11																0.31
Forester[2]	Arkansas								T																					T.			T.
Fort Smith[1]‡	Arkansas					T.	T										.70	.05											.47				1.22
Fort Smith W.[2]	Arkansas					T.						T						T	T										.22				0.22
Fulton[2]	Red											.10																					0.10
Georgetown[2]	White											.14																					0.14
Gilbert[2]	White		.60			.38											.73													.25			1.96
Glenwood[2]	Ouachita											.06						.04															0.10
Grannis	Red							.17			T.	.17						.13															0.47
Gravelly[2]	Arkansas																																0.00
Gravette	Arkansas	.20			.47	1.19																							.06				1.92
Green Forest[2]	White	.50			.12	.61									.48														.05				1.76
Green Mountain	White	.30				.90					.40																		T.				1.60
Greenwood[2]	Arkansas																	.10												.46			0.56
Harrisburg[2]	St. Francis										.25																						0.25
Harrison	White	1.15			T	.82					T.				.15	T.													T.				2.12
Helena[2]	Mississippi											.01						.28															0.29
Henderson[2]	White	1.13				.71						.52				.22																	2.58
Highland	Ouachita																	.20															0.20
Hope	Red											.03						.01	.03														0.07
Hot Springs	Ouachita					.04				.03	1.75																						1.82
Huttig[2]	Ouachita											1.45																					1.45
Index[2]	Red										.30							.40															0.70
Jessieville	Ouachita								T.		.09							.05															0.14
Jonesboro[2]	White	1.18	.02			.02	.11			.02			.25					T											.36	.09			2.05
LaCrosse[2]	White	.33				.78																						T.					1.11
Lake City[2]	St. Francis	.73			*	.72																							*	.50			1.95
Lead Hill	White	1.18				.83									.20						T.												2.21

Daily Precipitation for August, 1943 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Little Rock[1‡]	Arkansas					T.				T	.40					T.	T.	T.															0.40
Lutherville	Arkansas	.62			.37	.13												.09											18				1.39
Madison[2]	St. Francis															1.20		1.55															2.75
Magnolia	Red										.16																						0.16
Mammoth Spg[2]	White	.25				.11																											0.36
Marianna[2]	St. Francis																																0.00
Marked Tree[2]	St. Fraucis					.03	.35																						T				0.38
Marshall[2]	White	T.				*	1.44										.38	T.												.23			2.05
Marvell[2]	White		T.									.69																					0.69
Mena[2]	Ouachita									.47		T.						.09															0.56
Monticello[1‡]	Ouachita									.11	.74						.11																0.96
Morobay[2]	Ouachita											2.09																					2.09
Morrilton[2]	Arkansas					.17												.07												.60			0.84
Mountainburg	Arkansas					.74						.04																	.48				1.26
Mountain Home	White	.80				3.25					.10				T																		4.15
Mountain Valley	Ouachita																																0.00
Mtn. View[2]	White	.43	T.			.37																							*	1.25			2.05
Mount Ida	Ouachita	T.				34					.03							.04															0.41
Mulberry[2]	Arkansas						.02											.38												.50			0.90
Nashville	Red					.50												.02															0.52
Newhope[2]	Ouachita									.21																							0.21
Newport[2]	White	T.					T									.15		1.12											T.	.22			1.49
Nimrod Dam	Arkansas	.23							.11									.05											.26				0.65
Odell[2]	Arkansas					.48	.20																						.68				1.36
Oden	Ouachita					.22											.08																0.30
Okay	Red																																0.00
Osceola[2]	Mississippi	.18				T.	.32			.02	T.							.04											T	T.			0.56
Ozark	Arkansas					.52	.02																							.26			0.80
Paragould	St. Fraucis	.38				.25			02	.03					.55		.39											T.	.51				2.13
Parkin[2]	St. Francis		.14															.79												.32			1.25
Perryville	Arkansas	.08			.04																								.05				0.17
Pine Bluff[2]	Arkansas										.16						T.																0.16
Pine Ridge[2]	Ouachita																																0.00
Pocahontas	White	.52				1.25									1.05														.05				2.87
Portland[2]	Ouachita						1.12				T	3.50							.05														4.67
Prescott[2]	Ouachita											.17						.01	T.														0.18
Rogers	White	.50			.15	1.12		T.							.27						T			T.					.05				2.09
Rosebud	Arkansas	.14			.05	.17					1.25					.12	.07	.14									.07						2.01
Russellville	Arkansas	.51			.33	.39					.08						.05												.81				2.17
St. Charles[2]	White		.02									.10																					0.12
St. Francis[2]	St. Francis	1.79								.40																							2.19
St. Paul[2]	White						.41																						.88				1.29
Searcy[2]	White		.04			.08						2.74						.09															2.95
Sheridan	Ouachita										.12					T.	.13																0.25
Shirley[2]	White		.20			.27											.15	.83												.79			2.24
Siloam Springs	White				.10	36												T.			T								.07				0.53
Sparkman[2]	Ouachita										.75																						0.75
Springbank[2]	Red											.77							.15														0.92
Stamps[2]	Red					.10																											0.10
Stephens[2]	Ouachita						.17				.32																						0.49
Story[2]	Ouachita											.04																					0.04
Stuttgart[2]	Arkansas											.47																					0.47
Stuttgart Evap[2]	Arkansas											.04																					0.04
Subiaco	Arkansas	.10				.16												T.											.87				1.13
Sugar Grove[2]	Arkansas																	.32												.28			0.60
Texarkana[1]	Red										.08							.12															0.20
Tichnor[2]	White																	.05															0.05
Tumbling Shoals[2]	White	.15	.06			.92	.02						.02				.05												.28	.27			1.77
Turnpike	Arkansas	.60				06		.07									.23	.09											.61				1.66
Viola	White	.60				.45						.95																					2.00
Wabash	Mississippi																																....
Waldron	Arkansas							.20	.04																				.05				0.29
Walnut Grove	White	.08				.39			.48																			.57					1.52
Warren	Ouachita									.10	.15	.70						.10															1.05
Whitecliffs[2]	Red																			T.													T.
White Rock	Arkansas	T				.04												T											.50				0.54
Wilson[2]	Mississippi						.40			.05																							0.45
Wright	Arkansas																																....
Wynne[2]	St. Francis						.05					.09				1.05		1.65												.15			2.99

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for August, 1943

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda §§	Evap.	.329	.180	.361	.409	.478	.176	.262	.244	.313	.267	.280	299	.332	.461	.360	.338	.474	.402	.547	.065	.272	.347	.379	.406	.356	.386	.435	.595	.091	.255	276	10.375
	Mean tem.	81	86	86	90	80	77	78	82	88	88	84	82	88	89	88	88	76	73	74	72	78	79	82	86	86	86	88	77	77	78	81	82.0
	Wind move	15	30	18	61	41	20	18	9	28	9	33	30	54	74	14	10	33	29	5	9	9	13	7	5	2	3	7	7	3	2	1	599
Hope, §§ Exp. Farm	Evap.	.333	.355	.292	.302	.197	.242	.316	.283	.301	.358	.314	.240	.291	.357	.358	.331	.378	.325	.295	.282	.278	.252	.289	.318	.300	.351	.350	.369	.243	.322	.273	9.445
	Mean tem.	86	88	88	88	88	82	86	88	89	92	84	85	88	88	88	91	86	78	77	78	78	82	84	38	86	85	88	84	84	84	83	85.4
	Wind move	78	49	57	62	48	40	27	22	29	55	57	29	72	70	66	47	67	57	38	25	26	28	30	37	35	48	57	55	52	33	28	1424
Russellville	Evap.	.151	.232	.438	*	.577	.292	.193	284	.257	.394	.243	.308	.281	.382	.357	.467	.319	.181	.333	.297	.336	.344	.350	.367	.342	.102	....	....	....	....	....	7.827
	Mean tem.	84	86	88	92	89	86	84	88	90	90	87	87	90	88	90	90	82	72	74	76	82	83	84	86	84	86	86	92	82	81	86	85.4
	Wind move	20	13	26	26	25	18	10	11	23	30	15	26	22	23	21	37	60	33	24	19	25	26	23	18	21	18	34	15	57	....	....	719
Stuttgart, §§ Rice Exp. Farm	Evap.	.335	.142	.464	246	.306	.215	.253	.279	.302	.306	.226	.244	.310	.362	.303	.308	.176	.518	.262	.275	.223	.282	.273	.302	.411	.209	.416	.326	.192	.267	.366	9.099
	Mean tem.	83	87	86	86	84	82	84	85	88	90	84	85	88	89	90	91	80	72	70	76	80	79	81	85	84	86	87	80	80	81	84	83.6
	Wind move	67	11	60	49	44	22	7	18	14	28	31	80	12	60	42	18	44	45	32	20	32	30	22	31	36	41	38	31	39	18	18	1040

Daily Temperatures for August, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork........	Maximum	90	102	101	101	101	96	102	104	100	104	100	99	102	105	105	105	88	88	92	97	97	98	102	102	101	101	102	101	97	100	100	99.5
	Minimum	73	74	70	76	75	70	68	74	74	75	70	73	72	81	78	72	66	61	59	58	66	65	67	69	71	74	72	75	66	62	71	70.2
Arkadelphia ....§§	Maximum	100	105	104	104	101	98	105	107	109	110	98	99	103	106	107	110	96	93	95	99	97	101	102	103	103	104	109	97	101	103	103	102.3
	Minimum	74	73	73	75	74	70	69	71	74	75	71	71	75	72	73	73	71	60	59	56	59	60	60	66	68	66	67	72	66	63	64	68.4
Batesville .....***	Maximum	96	106	103	105	92	93	100	104	107	104	101	98	106	104	108	110	87	88	90	96	99	100	104	105	106	107	109	87	94	98	102	100.3
	Minimum	71	72	73	78	71	67	65	72	73	75	72	75	79	77	72	71	63	58	56	54	67	65	67	76	73	72	72	69	66	61	65	69.3
Bee Branch........	Maximum	98	103	104	103	101	96	99	103	104	106	101	99	103	106	104	107	88	90	92	97	99	99	101	104	102	104	107	104	97	102	101	100.8
	Minimum	69	69	68	73	70	65	66	69	70	72	68	70	66	72	71	70	64	54	55	54	64	60	68	68	67	69	71	69	64	60	68	66.5
Benton ....§§	Maximum	98	106	108	103	95	99	107	107	109	108	108	108	108	108	109	109	92	92	91	102	99	100	105	108	109	106	109	109	105	106	106	104.2
	Minimum	68	70	68	69	70	65	66	64	63	63	70	70	73	70	71	69	70	57	52	51	51	58	58	60	63	62	62	64	63	58	57	63.7
Bentonville .....§§	Maximum	94	101	100	90	88	92	95	99	101	101	97	95	101	101	103	96	80	85	92	91	101	100	101	101	101	101	100	94	99	100	98	96.8
	Minimum	73	73	77	77	73	73	74	74	74	75	73	73	75	76	74	74	69	58	60	60	67	67	70	70	73	70	70	69	65	65	68	70.6
Bluff City..........	Maximum	100	100	101	100	100	97	101	104	104	105	103	96	98	101	102	106	103	91	90	96	94	99	100	101	100	102	104	95	99	100	100	99.7
	Minimum	74	75	75	74	76	73	69	74	78	80	71	74	76	75	75	75	74	63	60	58	69	63	71	74	73	73	74	74	78	64	69	72.0
Blytheville........	Maximum	84	97	95	98	88	86	95	87	92	96	94	94	99	95	102	104	94	82	84	92	95	96	98	101	104	103	104	90	87	94	98	94.5
	Minimum	68	69	70	72	77	68	71	74	76	76	75	76	77	78	79	77	74	59	55	59	67	69	70	78	73	72	74	69	70	66	70	71.2
Booneville	Maximum	100	107	107	109	102	99	105	108	110	109	106	100	108	109	110	113	102	90	93	97	102	107	107	107	105	107	107	104	98	103	102	104.3
	Minimum	74	72	78	76	78	74	74	74	75	76	73	76	81	75	74	73	69	68	61	65	68	66	67	70	70	67	66	70	69	66	72	71.5
Brinkley ....***	Maximum	92	104	101	102	91	94	103	105	104	104	96	97	102	103	106	109	88	86	88	94	96	98	101	102	104	105	108	89	96	100	102	99.0
	Minimum	76	73	76	76	68	65	62	70	72	73	71	75	78	77	76	75	71	59	55	53	64	59	61	72	67	69	72	75	63	59	67	68.7
Camden.	Maximum	99	103	100	100	101	99	103	107	107	107	104	95	99	101	104	109	107	91	94	99	98	100	101	102	103	103	105	104	100	103	102	101.5
	Minimum	75	77	76	75	76	73	65	69	76	80	73	75	77	75	74	75	76	61	58	55	64	59	64	70	67	67	69	69	67	63	69	70.0
Camp Robinson ***	Maximum	98	104	105	104	93	96	101	105	104	105	98	97	103	103	103	109	92	85	90	95	92	98	101	103	103	105	105	90	95	99	104	99.5
	Minimum	64	63	62	77	74	70	65	70	72	75	70	73	75	79	75	75	68	60	60	58	58	57	57	56	72	72	74	71	67	63	72	67.9
Clover Bend.......	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Conway	Maximum	99	110	107	108	101	99	105	109	109	110	105	99	110	111	113	112	94	95	96	102	102	104	106	110	110	110	112	108	100	107	106	105.5
	Minimum	76	73	74	77	76	70	68	73	75	77	72	72	79	77	77	74	68	59	56	56	67	64	67	69	70	68	72	72	65	62	72	70.2
Corning	Maximum	91	98	95	98	90	87	95	88	94	95	94	95	101	95	102	104	82	83	89	91	96	100	100	103	105	105	102	98	93	100	103	95.9
	Minimum	71	72	75	78	74	65	76	72	73	76	74	74	76	76	72	76	64	56	52	53	63	75	64	72	69	70	72	70	69	61	60	69.4
Crossett	Maximum	93	101	99	100	101	99	103	103	105	107	92	95	98	99	101	103	100	88	89	94	93	98	99	100	100	103	105	104	98	101	101	99.1
	Minimum	71	71	71	70	70	71	63	66	74	75	73	73	73	70	70	71	69	63	55	57	60	59	62	66	63	67	67	65	70	65	68	67.4
Dardanelle........	Maximum	101	103	104	105	104	96	102	104	107	108	103	103	106	106	108	109	97	91	92	97	101	103	104	105	104	106	108	106	96	100	103	102.6
	Minimum	74	82	83	84	76	76	73	74	75	76	75	76	79	77	77	77	70	58	59	59	69	65	67	70	72	70	69	79	68	64	71	72.4
De Queen....	Maximum	97	100	100	99	98	100	102	104	104	105	98	96	99	102	105	108	101	93	93	94	96	99	100	100	99	100	105	98	100	98	98	99.7
	Minimum	72	71	75	74	74	70	74	74	76	77	74	76	77	78	72	71	71	67	63	64	68	65	68	69	72	66	67	70	70	69	71	71.1
Des Arc	Maximum	98	104	101	102	89	92	99	103	102	102	95	97	101	103	106	104	95	87	90	93	95	97	99	102	103	103	107	91	94	100	100	98.5
	Minimum	72	75	76	74	68	82	63	70	72	74	72	74	77	76	76	75	69	58	55	58	65	62	64	72	68	69	70	75	64	60	67	69.4
Devils Knob.......	Maximum	89	92	94	96	91	90	95	97	100	99	96	88	98	98	102	100	82	83	86	87	95	94	96	96	96	97	98	92	92	92	93	93.7
	Minimum	67	73	72	72	73	67	69	78	77	79	71	72	73	79	77	77	63	54	60	63	70	71	72	73	76	73	85	61	66	68	72	71.1
Dumas	Maximum	100	105	105	105	100	97	102	106	106	107	98	100	103	107	107	110	94	90	90	97	97	99	103	104	105	106	109	97	96	100	104	101.6
	Minimum	76	76	75	75	76	68	66	72	77	78	74	75	78	75	75	77	73	62	58	57	65	63	63	70	69	72	72	74	69	64	72	70.8
El Dorado	Maximum	98	102	100	101	100	100	102	104	105	103	90	96	96	99	100	105	98	90	91	94	96	99	100	100	101	102	104	101	100	101	101	99.3
	Minimum	77	72	76	75	77	77	70	75	76	73	73	75	76	76	75	76	77	66	61	65	70	66	68	72	72	73	77	74	72	72	74	72.8
England.........	Maximum	96	103	102	103	93	99	99	102	103	104	96	98	101	101	103	105	94	86	89	94	98	89	100	102	104	105	106	94	92	96	100	98.6
	Minimum	78	73	73	78	72	64	70	63	70	71	68	73	76	76	70	76	71	64	62	59	56	57	67	80	73	76	74	74	62	58	74	69.6
Eureka Springs ...	Maximum	92	98	97	96	99	91	94	98	101	98	98	95	102	100	104	103	84	87	92	90	102	99	100	101	102	102	102	96	101	100	98	97.2
	Minimum	67	75	77	74	68	68	70	76	79	76	69	75	78	73	79	79	64	51	55	64	70	72	74	79	78	77	76	67	62	66	73	71.3
Fayetteville.......	Maximum	95	103	103	93	89	95	98	101	104	100	102	95	102	102	104	101	89	87	93	91	101	101	102	103	101	102	100	96	100	100	98	98.6
	Minimum	79	75	76	75	70	72	74	76	77	73	74	74	77	77	75	76	66	56	62	69	68	71	71	77	73	71	74	68	59	66	72	71.4
Fayetteville Exp. S	Maximum	96	101	101	100	90	93	98	101	103	102	101	94	102	103	103	102	90	84	92	90	101	99	101	101	100	101	102	96	99	98	98	98.1
	Minimum	69	75	76	76	69	70	70	74	74	72	70	73	77	77	75	74	65	52	55	64	65	69	70	70	73	70	70	67	57	61	72	69.4
Fordyce............	Maximum	96	105	101	103	104	101	104	108	104	103	95	97	101	103	106	108	94	93	94	99	88	104	104	104	104	105	108	99	101	102	101	101.3
	Minimum	74	74	72	73	74	71	68	67	73	72	72	74	73	76	74	74	73	60	58	61	69	67	71	71	71	72	72	71	66	66	67	70.2
Fort Smith.....***	Maximum	103	105	105	103	92	96	103	106	106	106	100	96	103	104	104	106	85	87	92	92	99	100	102	102	102	102	103	90	95	98	100	99.6
	Minimum	79	78	81	82	77	76	77	79	81	81	80	81	83	82	82	80	72	64	66	68	74	73	76	79	78	74	76	71	72	71	77	76.5
Gilbert...........§§	Maximum	97	97	96	96	90	92	98	93	95	87	97	86	97	97	87	97	83	86	89	93	97	96	97	97	96	97	96	93	94	96	97	93.8
	Minimum	68	67	67	68	70	65	65	68	69	70	67	67	72	68	68	68	68	50	51	55	50	57	60	60	63	61	58	65	60	56	60	63.3
Grannis	Maximum	100	103	103	102	99	102	104	107	106	109	100	97	102	105	106	110	94	92	95	97	94	101	102	104	103	103	107	95	101	100	100	101.4
	Minimum	70	66	70	72	71	71	69	70	72	72	67	71	70	67	70	70	68	52	59	58	63	62	63	64	67	65	72	73	63	67	69	67.2
Gravette...........	Maximum	98	103	103	102	90	93	97	98	102	101	98	97	101	102	104	103	87	86	92	91	101	100	101	103	101	102	101	95	100	101	98	98.4
	Minimum	67	75	77	72	68	70	72	75	76	75	71	75	77	76	73	73	64	52	55	66	65	66	71	76	72	69	69	66	62	62	72	69.3
Green Mountain...	Maximum	98	105	105	103	90	97	100	100	106	106	100	100	102	101	106	106	95	87	89	95	101	100	103	106	106	107	107	99	98	102	102	100.7
	Minimum	65	72	78	79	67	68	69	77	77	72	69	74	75	80	81	82	65	57	60	61	72	78	77	75	80	78	77	68	65	72	77	72.5
Harrison	Maximum	95	99	98	98	90	90	96	99	103	99	99	97	104	101	101	99	85	81	90	88	100	101	103	105	104	105	103	95	99	102	102	97.8
	Minimum	69	71	70	78	69	66	69	72	77	77	70	71	76	73	71	71	67	50	52	55	64	64	64	70	69	68	67	70	57	58	65	67.4
Helena...	Maximum	92	99	95	96	93	89	97	100	96	102	95	94	98	99	103	104	97	82	86	92	94	95	98	99	102	103	105	93	90	99	100	96.4
	Minimum	76	76	76	77	77	68	71	73	77	78	71	75	78	77	77	77	71	60	63	62	70	70	73	74	74	74	73	77	68	68	72	72.7
Highland....... ..	Maximum	97	100	100	100	100	100	102	105	105	106	98	97	100	103	103	108	96	91	92	98	99	99	99	101	102	101	104	103	101	100	100	100.3
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope ....§§	Maximum	98	101	101	102	101	99	104	106	106	107	98	98	100	103	104	109	96	91	94	99	98	102	104	103	102	102	105	97	100	103	102	101.1
	Minimum	74	75	74	75	75	74	69	70	73	78	71	72	75	74	73	73	75	65	60	57	59	61	63	72	71	68	70	72	68	64	64	69.8
Hot Springs........	Maximum	95	105	104	105	100	104	105	105	106	108	98	97	101	105	105	109	93	93	94	99	98	101	102	104	102	104	108	103	103	102	103	102.0
	Minimum	79	79	76	77	80	71	70	76	78	72	70	75	77	79	80	82	70	70	62	61	71	66	74	74	79	79	81	72	68	66	78	73.9
Jonesboro	Maximum	90	101	98	101	96	88	97	94	101	99	100	96	101	100	104	105	83	84	87	94	97	99	100	103	104	104	105	100	91	99	102	97.5
	Minimum	72	73	77	78	74	69	69	73	74	78	75	76	78	79	76	76	68	58	57	58	65	65	64	78	76	75	75	70	64	65	67	71.0
Lead Hill..........	Maximum	93	99	95	93	91	91	97	101	102	97	97	98	104	99	103	101	85	85	88	88	100	100	102	105	105	105	103	95	97	101	102	97.5
	Minimum	69	71	70	74	68	66	69	71	75	74	70	70	75	71	70	69	68	48	50	53	62	63	63	69	66	62	61	73	57	57	63	66.0
Little Rock..*	Maximum	92	104	102	102	92	95	99	103	102	105	96	97	101	102	104	107	90	86	89	94	95	97	100	102	103	105	105	87	95	100	100	98.4
	Minimum	77	76	77	79	76	72	70	73	76	75	72	76	79	78	78	78	70	63	61	59	69	65	67	71	73	75	76	73	68	65	75	72.3
Lutherville........	Maximum	92	103	101	104	89	93	98	102	104	103	102	94	104	104	107	107	92	92	92	98	103	101	102	104	104	103	104	95	97	99	101	99.8
	Minimum	69	71	73	78	72	68	69	72	75	75	71	72	75	77	78	76	65	57	58	60	68	65	68	72	72	71	74	69	65	65	71	70.0
Magnolia..........	Maximum	101	104	103	103	101	101	104	105	106	105	103	101	102	103	104	108	99	93	94	99	100	102	102	104	104	105	106	103	102	104	103	102.4
	Minimum	71	72	71	70	75	82	66	73	72	82	76	73	79	72	76	70	76	67	59	55	67	64	67	71	66	77	74	77	68	76	76	71.6
Mammoth Spring.	Maximum	93	102	99	97	94	93	97	95	103	101	99	100	104	100	105	104	85	85	90	91	98	99	101	103	104	103	100	94	93	98	100	97.8
	Minimum	70	70	70	74	73	65	69	71	73	77	74	72	72	73	71	72	66	55	52	51	67	62	62	70	67	66	64	72	60	62	64	67.3
Marianna.......§§	Maximum	95	104	100	101	93	92	102	104	101	104	98	96	101	103	104	96	90	97	98	95	96	99	102	103	104	105	108	87	94	100	102	99.2
	Minimum	74	74	75	72	74	65	64	70	70	75	70	74	76	76	76	70	70	68	66	75	64	64	70	70	64	63	69	68	64	60	60	69.5
Marked Tree....§§	Maximum	90	101	97	100	86	89	98	94	97	100	97	96	100	101	103	104	84	86	89	93	94	96	99	101	103	103	104	83	90	99	100	96.0
	Minimum	73	73	74	75	75	67	68	69	73	75	73	73	74	75	75	75	70	59	56	55	57	64	64	65	70	71	70	70	61	60	61	68.4
Mena..............	Maximum	99	103	103	102	101	102	102	106	104	103	102	97	102	105	106	109	105	91	95	95	98	102	103	103	102	102	108	100	101	102	100	101.7
	Minimum	74	73	74	75	75	74	71	71	73	75	72	74	74	74	74	74	67	61	62	59	66	63	67	68	74	70	71	76	63	66	73	70.4
Monticello......***	Maximum	99	104	102	102	101	98	103	108	108	106	91	96	99	..	103	107	92	89	92	94	95	98	100	101	102	104	107	102	98	100	102	109.1
	Minimum	75	74	76	74	74	72	70	75	78	74	73	74	76	75	75	78	72	64	64	67	69	68	70	73	72	69	72	72	72	66	74	72.2
Morrilton ....§§	Maximum	87	104	103	103	89	95	105	104	104	106	100	94	104	105	107	107	88	86	89	95	97	101	101	104	105	106	106	86	94	102	102	99.3
	Minimum	75	71	72	76	74	68	67	68	72	74	70	72	75	76	75	74	68	55	55	52	55	61	65	66	69	66	67	79	76	69	67	68.7
Mountain Home...	Maximum	93	100	97	96	93	94	95	98	101	97	96	95	102	96	103	99	84	87	86	90	93	96	100	104	103	104	103	96	97	100	101	96.7
	Minimum	68	70	69	72	65	65	65	69	71	71	70	70	70	71	70	69	63	52	51	58	64	68	68	70	66	63	62	68	58	57	64	65.7
Mt. Ida	Maximum	99	103	101	101	99	101	103	106	105	107	99	98	102	107	107	111	97	92	94	96	98	102	101	105	102	103	109	100	100	102	100	101.6
	Minimum	69	69	78	78	70	66	68	68	69	70	69	73	73	69	69	69	67	53	50	49	56	56	61	62	65	61	63	65	58	55	65	65.0
Nashville..........	Maximum	96	99	99	98	99	97	100	102	104	106	100	97	100	101	101	106	99	91	92	95	95	98	99	100	100	101	104	100	99	98	99	99.2
	Minimum	72	71	73	72	71	72	71	72	..	..	..	..	..	..	..	..	..	..	..	..	..	66	69	70	71	67	69	72	70	68	71	70.4
Newport...........	Maximum	93	104	100	102	95	93	99	103	103	103	99	96	101	103	105	110	86	87	89	93	96	98	100	102	103	105	106	95	92	100	101	98.8
	Minimum	73	72	74	78	76	70	66	72	74	78	73	75	75	75	76	74	70	61	57	56	65	64	65	74	70	70	70	75	67	63	64	70.1
Nimrod Dam.......	Maximum	92	105	103	102	98	92	102	107	105	108	104	97	105	107	109	110	95	92	94	98	101	103	102	105	104	105	107	94	99	102	101	101.5
	Minimum	71	73	78	80	74	67	67	72	73	75	70	76	80	78	75	75	68	56	56	54	69	64	70	69	71	69	69	69	64	60	73	69.8
Oden...... .. ..***	Maximum	103	105	104	104	96	101	104	105	108	107	100	97	103	106	110	111	93	92	95	99	100	103	101	102	102	103	106	93	100	103	102	101.9
	Minimum	75	77	74	79	76	72	71	72	72	77	73	75	80	77	78	76	70	58	57	61	67	63	66	66	68	67	69	74	61	64	61	70.2

Daily Temperatures for August, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	96	100	100	100	100	99	102	106	104	106	98	97	100	102	104	108	95	93	93	97	96	99	99	101	100	102	106	106	99	100	99	100.2
	Minimum	71	70	74	75	72	74	72	73	74	77	71	73	75	71	70	70	72	57	61	56	67	64	67	71	69	64	67	67	67	65	70	69.2
Ozark	Maximum	96	108	109	106	100	95	101	106	107	109	104	98	109	107	109	112	95	88	97	97	103	103	105	106	106	106	109	100	97	101	106	103.1
	Minimum	69	74	74	76	77	72	73	74	76	77	74	76	81	76	76	75	70	62	62	64	68	68	69	70	75	71	74	70	71	66	73	72.1
Paragould	Maximum	89	98	95	99	90	88	95	90	98	96	97	96	100	92	99	101	81	81	85	91	93	95	86	99	101	101	100	88	87	92	97	93.9
	Minimum	68	70	72	74	73	76	67	70	72	82	72	72	73	72	73	72	65	56	52	53	61	61	60	71	69	68	68	67	59	61	62	67.5
Perryville	Maximum	102	107	105	106	102	97	103	106	106	108	103	99	107	105	108	110	97	89	92	100	102	102	106	106	105	107	107	97	97	102	105	102.8
	Minimum	70	70	69	74	73	66	65	68	72	71	70	72	74	73	72	73	67	54	53	51	64	60	65	66	67	64	67	72	63	58	68	66.8
Pine Bluff	Maximum	96	107	107	107	100	100	103	108	107	109	100	99	104	108	112	111	92	94	96	102	102	104	104	106	105	108	111	94	101	106	106	103.5
	Minimum	78	78	79	78	81	73	70	80	80	78	74	77	79	78	80	79	76	62	64	62	70	65	70	75	75	79	79	79	70	67	77	74.6
Pocahontas	Maximum	94	101	99	102	93	92	96	98	96	100	99	97	101	96	101	103	94	86	88	90	95	96	99	101	104	105	105	95	95	99	102	97.5
	Minimum	72	71	73	76	73	66	67	72	70	72	75	74	74	72	72	70	62	57	55	55	62	63	61	73	67	68	66	69	61	61	62	67.5
Portland	Maximum	96	102	100	100	100	97	100	102	105	106	96	94	96	100	101	103	92	92	91	93	93	97	100	100	102	104	107	103	98	100	102	99.1
	Minimum	74	74	73	73	74	72	69	71	76	76	74	75	75	74	75	75	74	64	60	59	64	63	65	70	68	72	79	70	70	66	71	70.8
Prescott	Maximum	100	102	103	102	102	98	103	106	106	108	104	98	101	104	105	109	105	90	95	99	96	102	103	103	103	103	106	105	100	101	102	102.1
	Minimum	75	75	75	76	77	74	71	74	78	81	72	75	77	76	74	75	74	64	62	61	69	65	73	74	72	72	74	77	69	67	72	72.6
Rogers	Maximum	91	100	99	90	87	91	92	98	99	96	97	94	101	99	101	95	84	83	88	88	98	99	99	100	100	100	98	93	93	98	98	95.1
	Minimum	68	74	74	73	69	72	73	74	75	79	72	74	77	73	76	74	65	54	58	65	67	69	69	70	73	70	70	68	63	65	70	70.1
Russellville	Maximum	98	102	103	104	104	102	98	103	105	106	102	100	105	104	107	108	94	89	91	97	100	102	104	104	103	106	106	105	96	99	103	101.6
	Minimum	71	71	73	79	74	69	69	72	74	75	72	74	76	73	73	73	70	55	56	55	65	64	65	68	65	66	66	79	67	63	70	69.1
St. Charles ......§§	Maximum	93	102	97	101	95	95	102	103	103	105	95	99	102	105	104	109	90	88	91	94	95	97	100	101	103	106	107	91	96	100	100	99.0
	Minimum	74	71	73	72	73	65	76	73	75	77	73	75	78	78	80	77	73	59	58	60	68	63	64	71	70	72	71	75	67	65	69	70.8
Searcy	Maximum	94	103	101	102	98	92	100	104	104	104	94	92	97	99	100	101	85	83	86	91	95	97	98	100	101	104	106	101	91	98	100	97.5
	Minimum	75	73	73	76	76	69	67	74	74	75	72	75	74	75	77	74	68	59	58	57	65	64	65	72	71	70	72	72	66	63	68	70.0
Sheridan	Maximum	92	103	104	104	97	90	102	106	106	108	100	98	102	106	108	111	92	87	91	98	98	101	101	103	103	104	107	93	96	102	103	100.5
	Minimum	74	73	71	72	72	65	63	69	73	74	69	72	75	73	73	73	71	56	55	55	64	60	66	68	68	68	69	74	62	60	70	68.0
Siloam Springs	Maximum	98	102	103	99	93	95	110	105	103	101	101	96	102	102	104	99	80	85	91	91	100	98	101	102	100	101	101	95	99	98	97	98.5
	Minimum	74	76	77	74	70	71	73	74	73	73	72	74	77	77	73	74	66	52	54	70	65	65	73	75	70	67	67	67	61	63	74	70.0
Stuttgart	Maximum	93	105	102	104	96	95	102	104	105	106	97	99	103	105	107	108	89	88	92	94	97	99	101	103	106	107	107	94	97	102	102	100.3
	Minimum	73	71	74	71	75	67	65	71	73	74	70	72	73	73	74	74	76	58	57	57	64	61	64	69	69	70	70	74	64	64	68	68.7
Stuttgart Evap..§§	Maximum	92	101	99	100	94	94	100	103	103	106	95	96	100	104	105	107	88	87	80	93	95	97	99	100	101	103	105	89	96	99	100	97.8
	Minimum	74	73	74	72	75	69	67	67	74	75	72	74	76	74	75	75	72	58	60	58	66	61	63	70	68	69	69	72	65	63	68	69.3
Subiaco	Maximum	99	106	109	109	105	99	103	105	109	107	104	100	106	107	108	109	98	91	95	100	102	105	106	107	106	105	106	101	98	101	103	103.5
	Minimum	70	71	79	..	74	70	71	74	75	..	72	74	79	..	80	80	67	56	59	60	69	67	69	..	77	71	73	..	69	66	72	70.9
Texarkana ....***	Maximum	97	99	99	98	98	99	101	103	102	104	94	95	96	98	100	103	93	90	93	96	96	98	98	98	98	100	103	97	99	99	97	98.1
	Minimum	75	76	75	75	76	76	74	74	78	74	72	74	76	76	75	75	72	70	63	68	71	73	72	76	73	72	76	74	73	72	75	73.6
Turnpike	Maximum	89	95	95	98	84	90	94	98	99	101	95	89	96	96	100	100	80	83	85	88	94	95	96	97	97	98	100	89	91	93	94	93.5
	Minimum	65	71	72	74	66	66	67	74	76	77	71	70	73	76	77	74	61	53	69	64	69	70	72	74	75	75	77	64	65	67	72	69.9
Wabash	Maximum	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	......
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Waldron	Maximum	101	107	105	105	100	102	104	105	107	107	105	100	105	106	108	109	104	89	95	97	101	103	105	104	103	104	107	99	100	102	101	102.9
	Minimum	70	74	78	80	75	72	73	73	73	74	74	76	80	75	72	72	70	57	55	57	66	63	65	69	70	67	66	71	62	60	71	69.7
Warren	Maximum	100	105	103	104	103	99	103	109	107	108	92	96	97	102	103	107	98	89	91	97	97	100	100	103	102	104	108	104	98	103	103	101.1
	Minimum	76	77	77	75	78	74	67	72	78	77	74	76	76	77	78	78	75	62	61	60	67	63	67	73	72	77	75	72	70	67	75	72.5
White Rock	Maximum	94	98	100	99	89	95	96	99	102	104	97	90	99	101	101	102	97	85	87	87	95	96	98	97	97	97	101	93	96	94	96	96.2
	Minimum	67	71	70	72	68	67	70	76	73	77	69	69	72	73	75	75	62	54	59	63	68	69	71	74	74	70	75	64	65	66	70	69.3
Wilson	Maximum	89	99	98	99	92	88	97	95	96	99	96	96	100	98	101	104	95	86	84	93	93	96	97	100	102	104	105	100	89	97	99	96.4
	Minimum	..	..	..	77	75	67	70	72	75	77	74	76	74	76	76	75	68	56	56	57	65	66	68	73	72	74	75	72	74	64	68	70.4
Wright	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Wynne	Maximum	95	105	102	103	100	92	102	103	105	103	101	99	103	105	102	106	83	83	88	93	94	96	98	100	102	103	105	100	90	99	101	98.7
	Minimum	73	73	74	72	73	63	64	69	73	74	70	72	74	75	70	72	65	55	56	57	65	64	65	72	68	70	69	74	61	59	66	68.0

Daily River Stages for August, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.7	7.6	7.4	7.1	6.8	6.7	7.1	7.1	7.1	7.0	6.9	6.6	7.0	6.9	6.9	6.6	6.9	6.7	6.4	6.5	6.6	6.6	6.6	6.6	6.4	6.2	6.4	6.5	6.6	6.5	6.5
Van Buren	do	22	6.4	6.2	6.0	5.6	5.0	5.3	5.5	5.5	5.5	5.5	5.4	4.6	5.3	5.3	5.1	5.2	5.3	5.1	4.2	4.7	4.2	4.2	4.6	4.7	4.6	4.5	4.4	4.6	4.7	4.6	4.6
Danville	Petit Jean	20	2.3	2.3	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
Ozark	Arkansas	22	3.0	2.8	2.7	2.5	2.3	2.0	2.0	2.0	2.1	2.1	2.1	2.1	1.7	1.9	2.0	2.0	1.9	1.9	1.8	1.7	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.5	1.5	1.5
Dardanelle	do	22	6.2	5.9	5.7	5.5	5.4	5.1	4.7	4.8	5.0	5.0	4.9	4.9	4.6	4.4	4.6	4.6	4.5	4.6	4.6	4.4	4.0	4.1	4.1	4.1	4.1	4.1	4.0	3.8	3.9	4.2	4.2
Morrilton	do	20	1.5	1.7	1.6	1.1	1.2	1.0	0.6	0.5	0.6	0.7	0.6	0.6	0.6	0.4	0.4	0.5	0.4	0.4	0.3	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.1
Little Rock	do	23	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.0	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.6	2.6
Pine Bluff	do	25	....		....	....	....	....	....	....	....	....	....	....		....	....	....	....	..	....	....	....	....	..	....	....	....	....	....	....	....	....
Gilbert	Buffalo	30	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.3	3.3	3.2	3.2	3.2	3.1	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8
Black Rock	Black	14	2.6	2.7	2.9	3.1	3.0	2.8	2.8	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9
Tumbl. Shoals	Little Red	30	1.8	1.7	1.8	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4
Ozark Beach Mo	White	30	2.6	-0.3	-0.3	-0.1	-0.3	-0.3	-0.3	0.8	-0.3	-0.3	-0.3	-0.2	-0.3	-0.3	-0.4	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
Cotter	do	21	1.6	1.7	1.7	1.7	1.9	3.1	2.7	2.5	2.3	2.1	2.2	2.1	1.8	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3
Calico Rock	do	18	0.6	0.7	0.6	1.2	1.1	1.6	1.4	1.4	1.5	1.3	1.1	1.1	0.6	0.4	0.5	0.4	0.5	0.4	0.6	0.3	0.1	0.0	0.2	0.3	0.3	0.0	0.0	0.2	0.0	0.0	-0.2
Batesville	do	23	5.5	5.4	5.3	5.2	5.5	5.7	6.0	5.8	5.8	5.8	5.7	5.7	5.7	5.3	5.2	5.2	5.1	5.1	5.1	5.1	5.0	4.9	4.8	4.8	4.9	4.9	4.8	4.7	4.9	4.8	4.7
Newport	do	26	1.0	1.0	0.9	0.9	0.9	1.1	1.3	1.3	1.3	1.1	1.0	1.0	1.0	1.0	0.8	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2
Georgetown	do	21	1.7	1.4	1.4	1.7	1.6	1.6	1.6	1.7	1.9	1.9	2.0	2.0	1.9	1.7	1.6	1.5	1.4	1.2	1.1	1.0	1.0	0.9	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3
Des Arc	do	24	5.0	4.8	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.7	4.6	4.6	4.6	4.6	4.3	4.1	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.4	3.4	3.3	3.3	3.3
Clarendon	do	26	8.9	8.8	8.7	8.6	8.5	8.4	8.4	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.6	8.5	8.3	8.2	8.1	7.9	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.1
St. Charles	do	25	9.5	9.4	9.2	9.1	9.0	8.9	8.9	8.8	8.8	8.8	8.9	8.9	9.0	9.0	9.0	8.9	8.8	8.6	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.4
Glenwood	Caddo	..	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
Arkadelphia	Ouachita	17	5.4	4.4	5.6	5.3	4.9	4.6	4.7	4.6	4.4	4.5	5.3	5.0	4.7	5.0	4.8	4.5	4.3	4.2	4.0	4.1	3.8	3.7	3.7	3.5	3.4	3.8	3.5	4.0	3.7	3.5	3.4
Boughton	Little Mo.	20	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0
Camden	Ouachita	26	4.5	5.0	4.7	4.3	4.3	4.5	4.4	4.2	4.2	4.1	4.0	4.0	4.4	4.4	4.4	4.5	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.5	3.5	3.4	3.6	3.6	3.7	3.8
Benton	Saline	20	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Index	Red	25	6.8	6.8	6.6	6.6	6.6	6.6	6.5	6.3	6.3	6.2	6.2	6.1	6.1	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.6	5.6	5.6
Fulton	do	25	7.1	7.3	7.1	7.0	6.9	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.0	6.0	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9
Big Lake Outlet	St. Francis	10	3.2	3.3	3.3	3.3	3.4	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.7
St. Francis	do	18	6.6	6.7	7.5	5.8	4.4	4.0	5.3	6.5	6.0	4.9	3.8	3.2	3.8	6.1	6.7	6.0	4.4	3.6	2.9	3.9	5.3	6.3	6.2	5.0	3.9	3.0	3.2	4.8	4.9	4.2	3.3
St. Francis L.L.	do	..	16.0	15.9	16.2	16.4	16.5	16.8	14.4	16.4	16.3	16.1	16.0	16.0	16.3	16.5	16.6	16.5	16.1	16.3	16.0	16.0	16.0	15.8	15.5	15.1	14.8	14.6	14.6	14.6	14.5	14.1	14.5
Marked Tree	do	17	4.1	4.0	3.4	3.5	3.5	3.5	4.1	4.1	4.0	4.0	3.9	3.8	3.5	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.0	2.8	2.8	2.7	2.7	2.7	2.5
Parkin	do	28	3.7	3.9	3.8	3.6	3.4	3.4	3.4	3.5	3.6	3.7	3.7	3.6	3.5	3.4	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.8	2.7	2.6	2.6	2.6	2.6
Madison	do	32	2.8	2.8	2.8	2.7	2.5	2.4	2.3	2.2	2.5	2.5	2.5	2.4	2.3	2.2	2.5	2.1	2.4	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.7	1.5	1.5	1.4	1.4	1.4	1.3
Helena	Mississippi	42	15.1	15.0	15.2	15.6	16.2	16.6	16.8	16.9	16.9	16.8	16.4	16.4	17.0	17.9	18.2	17.6	15.7	13.6	12.9	13.0	13.3	13.6	13.7	13.6	13.0	12.2	11.2	10.2	9.3	8.5	8.2
Arkansas City	do	42	12.9	12.6	12.5	12.5	12.7	13.1	13.3	13.5	13.7	13.7	13.5	13.2	13.1	13.4	14.0	14.4	14.1	12.7	11.3	10.4	10.2	10.4	10.6	10.7	10.6	10.1	9.5	8.7	7.8	7.1	6.5

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having -01 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters [a], [b], [c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T, Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Camp Chaffee, Fort Smith; Clover Bend, Hoxie; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagletou; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Irons Fork, Exper. Station, Mena; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Heasley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

3 ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVIII Little Rock, Ark., September, 1943 No. 9

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

After the exceptionally hot, dry weather that prevailed during July and August, the subnormal temperatures and near-normal precipitation of September afforded considerable relief to livestock and vegetation, but the rains were insufficient to break the drought. The high temperatures of August continued during the first five days of the month with another warm period between the 12th and 15th. Otherwise subnormal temperatures prevailed, deficiencies exceeding 10° on some days. The highest temperature in the State was 104°. This was the highest September temperature in several years, although it did not approach the September record. No freezing weather occurred, and no frosts were reported. There was ample sunshine for vegetation. No destructive winds occurred.

Precipitation in September exceeded the combined totals for the two preceding months. The average rainfall for the State was approximately normal. Some stations in the north-central section measured less than an inch of rain, and a few stations in the extreme eastern and western districts reported over four inches. Most of the rain fell during the first few days and the last two days of the month. For the State there was an average of eight days with a measurable amount of rain. The rivers in the State were at very low stages throughout the month.

Generally favorable weather prevailed for harvesting fall crops. Cotton picking made good progress and was more than half completed by the end of the month. Corn matured rapidly and was being gathered. Rice was being cut and threshed. The planting of spinach, turnips, gardens, and winter grains progressed slowly because of the dry soil. Forest fires were numerous. Soil moisture has been greatly depleted by the long drought, and copious rains will have to fall before late planted gardens, plowing and winter grains can make much progress.

TEMPERATURE

The mean temperature for the State, as determined from the records of 76 stations, was 70.4°, which is 3.9° below the 53-year average for September. The highest monthly mean temperature was 77.7° at Highland, and the lowest was 67.2° at Gilbert. The highest temperature recorded was 104° at Camp Robinson, Highland and Nashville on the 1st and 2d. The lowest was 38° at Gilbert on the 26th.

PRECIPITATION

The average precipitation for the State, as determined from the records of 105 stations, was 3.23 inches, which is 0.08 inch below the 53-year average for September. The greatest monthly total was 7.50 inches at Mountainburg, and the least was 0.81 inch at Mountain Home and Tumbling Shoals. The greatest amount recorded in a 24-hour period was 3.11 inches at Mena on the 29th.

B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:--1,2,3,4,5,6,8,10,11,13,14,15,16,20,22,27,28,29,30.

Dense Fog:---5,19,20,21,22,24,28,29,30.

Solar Halos:---17,18,26.

Lunar Halos;---17,22.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.38	17	29.70	5	6.8	27	n.	6	77	53	48	59	0
Little Rock	30.40	17	29.80	6	6.9	26	n.	6	84	52	60	55	3
Memphis .	30.39	17	29.81	6	6.5	25	nw.	15	86	56	69	52	21

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	73.4	102	40	0.94	0	2	22	6	2
1892	70.8	96	32	2.14	0	3	23	4	3
1893	74.0	103	36	3.75	0	5	19	5	6
1894	73.1	100	38	3.56	0	6	14	8	8
1895	77.1	105	32	1.36	0	4	19	7	4
1896	73.3	106	35	3.25	0	10	11	9	10
1897	76.6	108	33	0.60	0	2	21	7	2
1898	75.2	104	40	7.35	0	8	15	6	9
1899	71.9	109	28	1.21	0	3	20	7	3
1900	78.0	104	48	4.25	0	7	12	12	6
1901	72.6	101	32	3.08	0	4	18	8	4
1902	68.4	99	30	5.06	0	8	15	8	7
1903	70.7	102	34	2.47	0	5	18	7	5
1904	75.4	101	37	2.46	0	5	15	9	6
1905	74.2	100	44	3,90	0	8	16	7	7
1906	75.7	100	47	6.24	0	10	11	9	10
1907	73.9	106	38	2.22	0	4	19	8	3
1908	73.4	101	29	4 00	0	7	13	8	9
1909	74.7	108	31	2 84	0	5	18	7	5
1910	76.4	101	44	2.41	0	5	18	8	4
1911	79.0	102	46	3.67	0	6	18	9	3
1912	78.5	106	32	2.40	0	4	18	8	4
1913	71.7	108	33	10.10	0	13	9	9	12
1914	74.4	101	38	3.19	0	5	16	9	5
1915	74.9	100	34	1.43	0	3	16	8	6
1916	72.5	102	30	3.40	0	6	19	6	5
1917	71.8	99	37	1.76	0	4	18	7	5
1918	67.3	104	29	4.63	0	7	16	5	9
1919	74.6	108	40	2.72	0	4	15	8	7
1920	74.9	100	30	3.56	0	6	17	6	7
1921	79.6	104	35	3.38	0	6	14	9	7
1922	76.2	106	37	1.25	0	3	22	5	3
1923	73 0	98	45	5.56	0	9	12	7	11
1924	69.7	103	29	3.99	0	7	17	5	8
1925	80.5	113	47	5.96	0	7	16	7	7
1926	76.8	101	40	3.99	0	7	14	8	8
1927	75.9	105	32	3.37	0	6	16	8	6
1928	70 5	101	32	0.45	0	1	22	5	3
1929	73 4	102	41	2.46	0	5	15	8	7
1930	75.7	106	35	4.10	0	8	15	8	7
1931	78.4	102	34	1.00	0	3	22	7	1
1932	73.8	103	35	2 54	0	6	12	10	8
1933	78.5	102	41	5.10	0	8	15	8	7
1934	71.3	100	37	5.46	0	8	15	7	8
1935	72.4	103	35	3.13	0	5	18	5	7
1936	78.9	109	38	4 15	0	7	12	10	8
1937	72.7	102	34	4.27	0	7	16	8	6
1938	75.7	107	32	1.55	0	4	17	10	3
1939	79.9	112	35	1.77	0	2	22	6	2
1940	71.2	100	31	1.83	0	4	17	7	6
1941	75.4	102	39	3.60	0	5	15	9	6
1942	71 3	100	28	3.52	0	7	15	8	7
1943	70.4	104	38	3.23	0	8	11	9	10
Period	74.3	113	28	3.31	0	6	16	7	7

Corrections for August.--Bentonville, mean maximum temperature 96 7°, mean 83 6°, departure +6.6°. Fayetteville Exp. mean temperature 83 8°, departure +5.6°. total precipitation 0 91 inch, departure −3.13 inches. Gravette, mean minimum temp. 69 6°, mean 84.0°, departure +6.4°

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Climatological Data for September, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	6	72.8	.....	97	1	48	26	4 54	.....	1.57	28–29	0.0	7	7	12	11	e.	L. R. Water Works
Arkadelphia	Clark	200	47	74.4	.....	100	1§	49	27§	1.71	−1.63	0.68	29	0.0	5	7	14	9	sw.	George S Dews
Arkansas City	Desha	145	58	.....	.....	.....	.....	.....	.....	4.64	+0.68	2.03	19	0.0	8	15	2	13	.....	John W. Trammell
Batesville Airway	Independence	363	6	70.3	−2.3	99	1§	43	26	1.41	.....	0.67	1	0.0	9	9	7	14	ne.	Airway Observer
Batesville Livestk	Independence	.....	2	68.5	.....	97	1§	41	27	1.43	.....	0.91	1–2	0.0	5	8	20	2	w.	University of Arkansas
Batesville River	Independence	277	43	.....	.....	.....	.....	.....	.....	1.41	−2.34	0.58	1–2	0.0	10	10	7	13	.....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	72.2	−2.0	100	1	45	26§	0.85	−2.35	0.30	6	0.0	5	11	9	10	w.	Miss Minnie Scanlan
Benton	Saline	285	7	.....	.....	.....	..	44	26§	2.21	.....	0.86	5–6	0.0	9	17	11	2	sw.	S. A. Burks
Bentonville	Benton	1295	37	69.0	−1 9	97	3§	46	24§	4.36	+0.68	1.49	29–30	0.0	12	10	6	4	n.	E. L. Browne
Bethesda †	Independence	500	3	69.4	.....	98	2	40	26§	0.99	.....	0.49	1–2	0.0	4	10	16	4	se.	Soil Conservation Ser
Big Lake Outlet †	Mississippi	239	12	.....	.....	.....	.....	.....	.....	3.12	+0.12	1.06	1–2	0.0	8	13	10	7	.....	C. J. Brooks
Black Rock	Lawrence	259	41	.....	.....	.....	.....	.....	.....	3.11	−0.84	1 84	4	0.0	11	15	0	15	.....	Vernon C. Howe
Bluff City	Nevada	.....	2	74.0	.....	98	1	51	10§	2.18	.....	0.94	6	0.0	4	11	9	10	ne.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	68.8	− 5.6	97	1	44	26	3.35	−0.10	1.24	4–5	0.0	9	11	14	5	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	28	72.8	− 2.8	102	15	47	18	2.53	−0.50	0.99	6	0.0	8	10	13	7	e.	F. H. Randolph
Boughton †	Clark	235	7	.....	.....	.....	.....	.....	.....	5.28	.....	1.25	1	0.0	6	10	2	18	.....	Mrs. Ruby Brown
Brinkley	Monroe	205	51	70.2	− 4.6	99	1	44	25§	5.78	+1.80	2.35	5–6	0.0	11	6	8	16	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	38	.....	.....	.....	.....	.....	.....	1.68	−1.69	0.76	5	0.0	8	7	7	16	.....	William Jones
Camden	Ouachita	116	57	74 0	− 1.5	101	1	48	10	3.92	+0.71	1.30	5	0.0	8	11	12	7	se.	J. M. Knight
Camp Robinson	Pulaski	463	2	72.0	.....	104	1§	47	25	2.11	.....	0.77	28	0.0	6	4	22	4	ne.	U. S. Army
Clarendon	Monroe	172	38	.....	.....	.....	.....	.....	.....	3.90	+0.46	1.83	2	0.0	8	6	8	16	.....	B. F. Northern
Conway	Faulkner	309	59	73.7	− 1.6	102	15	47	26	2.33	−1.14	0.86	6	0.0	7	17	8	5	e.	F. E. Cordrey
Corning	Clay	293	49	69.0	− 3.6	100	1	41	24§	1.19	−2.45	0. 45	15	0.0	6	11	2	17	se.	Robert B. Polk
Cotter	Baxter	440	15	.....	.....	.....	.....	.....	.....	1.51	−1.90	0.45	13	0.0	7	12	10	8	.....	O. B. McSpadden
Crossett 7 miles s	Ashley	175	30	73.2	− 2.3	100	4	46	25	3.15	+0.53	1.01	18–19	0.0	8	11	6	13	n.	U.S. Forest Service
Danville	Yell	327	26	.....	.....	.....	.....	.....	.....	3.28	−0.11	1.19	6	0 0	7	11	11	8	.....	J. M. Patterson
Dardanelle	Yell	330	56	73.4	− 1.8	101	1	48	24§	3.15	−0.14	0.95	28	0.0	9	5	12	13	e.	Geo. N. Goodier
DeQueen	Sevier	426	7	74.2	.....	97	1	49	27	0.93	.....	0.49	4	0.0	4	13	8	9	.....	L. D. McCown
Des Arc	Prairie	204	4	71.2	.....	99	1	44	25	2.54	.....	0.69	4	0.0	9	4	5	21	n.	Z. R. Glenn
Devils Knob †	Johnson	2350	6	67.6	.....	92	3	46	18§	6.25	.....	2.38	28–29	0.0	11	14	8	8	se.	U.S. Forest Service
Dumas	Desha	162	37	73.2	− 2.9	100	1	47	26	3.00	+0.11	1.12	2	0.0	8	7	8	15	s.	Ben Johnson
El Dorado	Union	270	42	74 4	− 2 8	97	3	52	26	4.66	+1.51	0.98	6	0.0	10	15	6	9	s.	Mrs. E. W. Gaston
England	Lonoke	229	36	.....	.....	.....	..	..	..	.....	.....	.....	.....	...	.....	.....	.....	..	.....	G. V. Halbrook
Eureka Springs	Carroll	1465	42	69.9	− 2.1	96	2	46	17§	5.50	+1.28	1.60	28–29	0.0	11	20	5	5	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	5	70.9	.....	97	2	46	7	3.05	.....	1.05	29	0.0	10	6	13	11	s	Charles F. Ford
Fayetteville Exp	Washington	1451	55	69.9	− 2.2	97	1	41	18	3.81	+0.26	1.47	6	0.0	11	11	15	4	s.	University of Arkansas
Fordyce	Dallas	280	2	77.0^{a}	.....	100^{a}	1	51^{a}	10§	4.09	.....	1.26	6	0.0	9	10	9	11	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	73.4	− 0.6	97	2	53	18	5.14	+2.15	2.83	29–30	0.0	7	6	16	8	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	5	.....	.....	.....	.....	.....	.....	5.11	.....	2.10	29	0.0	7	4	20	6	.....	Ft. Smith Water Plant
Fulton	Hempstead	260	57	.....	.....	.....	.....	.....	.....	2.43	−0.22	1.09	29	0.0	5	8	11	11	.....	Ina J. Logan
Georgetown	White	200	30	.....	.....	.....	.....	.....	.....	3.16	−0.73	1.75	5–6	0.0	7	18	0	12	.....	C. G. Long
Gilbert	Searcy	600	17	67.2	.....	96	1§	38	26	1.06	−3.27	0.33	29–30	0.0	7	16	2	12	s.	F. E. King
Glenwood	Pike	547	7	.....	.....	.....	.....	.....	.....	2.81	.....	0.72	29–30	0.0	4	15	2	13	.....	Chas. A. Price
Grannis	Polk	950	23	74.1	+ 0.5	103	1	51	18§	1.73	−3.09	0.61	29	0 0	7	9	8	13	e.	W. E. McVay
Gravette	Benton	1250	45	69.4	− 1.4	97	2§	41	18	4.54	+0.83	1.25	29	0.0	8	21	4	5	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	5	72.1	.....	101	1	49	18§	1.30	.....	0.60	4	0.0	3	8	10	12	s.	U. S. Forest Service
Harrison	Boone	1052	42	70.2	0.0	99	1§	39	18	3.33	−0.70	1.94	29	0.0	7	11	11	8	nw.	J. M. McGaughey
Helena	Phillips	300	70	70.8	− 4.6	98	1	47	25	6.03	+2.95	1.44	19–20	0.0	9	10	5	15	ne.	James A. Burnett
Highland	Pike	491	23	77.7	− 0.2	104	2	55	21	3.80	+0.60	1.40	29	0.0	5	14	10	6	ne.	Clyde Cooley
Hope 3 miles e ‡‡	Hempstead	375	72	72.9	− 3.7	99	1	48	27	3.56	+0.15	1.59	29	0.0	9	8	7	15	e.	University of Arkansas
Hot Springs	Garland	600	51	74.6	− 1.2	99	15	50	27	3.22	−0.28	1.42	28	0.0	6	8	18	4	s	National Park Service
Index †	Little River	275	25	.....	.....	.....	.....	.....	.....	1.80	−0.98	1.65	6–7	0.0	3	22	0	8	.....	W. F. McDowell
Jessieville	Garland	750	16	.....	.....	.....	.....	.....	.....	3.40	+0.24	1.25	7	0.0	5	9	17	4	.....	U. S. Forest Service
Jonesboro	Craighead	345	47	71.2	− 3.3	99	1	46	26	1.40	−2.01	1.00	15–16	0.0	8	10	8	12	ne.	Benedictine Sisters
Lead Hill	Boone	650	36	68.6	− 3.6	98	2	39	18§	3.51	+0.45	1.28	29	0.0	10	16	8	6	w.	J. H. Crosswhite
Little Rock	Pulaski	257	63	72.2	− 1.9	98	1	50	25	2.19	−0.98	1.25	5–6	0.0	7	6	8	16	ne.	U. S. Weather Bureau
Lutherville †	Johnson	775	44	71.4	− 2.6	98	1	47	24	4.60	+0.69	1.06	28	0.0	9	7	10	13	e.	Clarence Lenhardt
Madison	St. Francis	209	12	.....	.....	.....	.....	.....	.....	6.46	+3.64	1.55	4–5	0.0	7	5	3	22	.....	J. W. Eppes
Magnolia	Columbia	315	26	75.9	− 0.7	101	4	51^{a}	25	4.13	+1.70	1.49	30	0.0	9	7	17	6	e.	State Agri School
Mammoth Spring	Fulton	600	38	68.7	− 2.7	99	1	40	26	1.45	−2.08	0.82	13	0.0	5	9	17	4	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	70.0	− 4.1	100	1§	47	25	6.46	+2.95	2.79	5–6	0.0	5	8	15	7	ne.	University of Arkansas
Marked Tree	Poinsett	229	38	68.2	− 5.4	99	1§	44	26§	4.17	+1.21	1.90	6	0.0	7	8	14	8	s.	Charles Walton
Marshall	Searcy	1050	..	70.4	− 1.6	94	1	42	18	1.19	.....	0.50	29	0.0	9	10	15	5	sw.	W. F. Reeves
Mena	Polk	1207	54	74.0	0.0	100	15	49	27	3.30	−0.62	3.11	29	0.0	4	5	13	12	ne.	E. W. St. John
Monticello	Drew	273	2	73.2	.....	99	12	52	25§	5.18	.....	1.75	1–2	0.0	10	10	7	13	ne.	Airway Observer
Morrilton †	Conway	315	26	72.9	− 2.1	100	1	47	25	3.42	+0.43	0.90	6	0.0	9	13	5	12	s.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	.....	.....	.....	.....	.....	.....	7.50	.....	2.40	29	0.0	9	14	8	8	s.	C. A. Lovell
Mountain Home †	Baxter	800	30	68.8	− 2.9	98	1§	39	18	0.81	−3.49	0.30	13	0.0	5	15	3	12	w.	H. N. Halbert
Mountain Valley	Garland	788	5	.....	.....	.....	.....	.....	.....	3.16	.....	1.10	28	0.0	4	10	13	7	e.	C. A. Cockman
Mount Ida	Montgomery	702	43	70.9	− 2.3	101	1	40	27	1.50	−2.62	0.78	29	0.0	5	8	11	11	c.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	4	.....	.....	.....	.....	.....	.....	4.24	.....	2.90	29–30	0.0	7	16	2	12	.....	Clifton H. Ward
Nashville	Howard	350	4	74.8	.....	104	1	50	27	4.08	.....	2.29	29	0.0	6	14	4	12	e.	Carter Day
Newport	Jackson	231	59	71.2	− 3.0	98	1§	44	26	1.15	−2.58	0.60	6	0.0	6	9	5	16	w.	W. T. Moyer
Nimrod Dam	Perry	.....	1	72.6	.....	100	1§	48	18§	3.07	.....	1.38	29	0.0	7	11	10	9	e.	U. S. Engineers
Oden	Montgomery	800	15	72.8	.....	102	1	47	27	2.04	−0.68	1.39	28–29	0.0	3	8	12	10	sw.	U. S. Forest Service
Okay	Howard	288	14	74.0	− 3.2	100	1	48	27	3.50	+1.00	1.52	6	0.0	5	10	16	4	ne.	Charles R. Jackson
Osceola	Mississippi	250	42	.....	.....	.....	.....	.....	.....	4.70	+1.86	1.42	7	0.0	9	15	8	7	.....	G. H. Banks
Ozark	Franklin	396	47	73.6	− 2.1	102	3	48	24	2.88	- 0.51	0.98	29	0.0	8	3	13	14	e.	Orkney O. Milton
Paragould	Greene	275	19	67.7	.....	94	1	40	25	1.62	−1.15	0.55	4–5	0.0	12	12	13	5	n.	J. E. Garrett
Parkin	Cross	222	12	.....	.....	.....	.....	.....	.....	5.51	+2.55	1.82	5–6	0.0	6	10	5	15	.....	Carroll King
Perryville	Perry	325	3	.....	.....	100^{k}	15	44^{k}	18	2.32	−1.18	0.60	29	0.0	6	8	12	10	.....	Rudolph C. Cranford
Pine Bluff	Jefferson	215	55	75.0	− 0.2	99	4§	52	25§	3.58	−0.03	1.60	1–2	0.0	10	7	10	13	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	.....	.....	.....	.....	.....	.....	3.14	+0 17	1.90	29–30	0.0	7	8	11	11	w.	J. R. Huddleston
Pocahontas	Randolph	300	49	69.1	− 4.3	101	1	42	25	1.41	−2.27	0.44	6	0.0	9	12	11	7	sw.	Benedictine Sisters
Portland	Ashley	122	36	74 0	− 2.3	100	4	50	26	3.36	+0.87	2.00	18–19	0.0	7	7	10	13	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	75.4	− 0.8	100	1	52	27	3.00	−0.35	1.27	5–6	0.0	8	12	9	9	ne.	W. R. Hambright
Rogers	Benton	1300	52	68.1	− 3.1	95	3§	44	18	6.24	+2.45	1.33	28	0.0	11	13	10	7	se.	Howard Fowler
Rosebud	Faulkner	680	8	.....	.....	.....	.....	.....	.....	2.32	.....	0.86	5–6	0.0	8	17	7	6	e-	G. A. Maddox
Russellville ‡‡	Pope	526	30	73.2	− 0.2	100	1	45	18	3.22	−0.83	1.60	29	0.0	5	12	14	4	e-	U.S. Forest Service
St. Charles	Arkansas	175	9	71.4	.....	99	4	47	26	3.76	.....	1.00	4– 5	0.0	10	7	9	14	n.	U. S. Biological Survey
St. Francis	Clay	290	15	.....	.....	.....	.....	.....	.....	2.17	−2.79	0.66	12–13	0.0	8	20	0	10	.....	W. S. Buckley
Searcy	White	245	32	70.8	− 3 5	96	1	47	25	2.46	−0.97	1.35	4	0.0	10	12	3	15	ne.	Arthur D. Smith
Sheridan 8 miles n †	Grant	.....	2	72.2	.....	102	1	46	18	2.66	.....	1.52	5–6	0.0	10	4	16	10	ne.	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	68.2	.....	96	2	40	18	4.33	.....	1.28	3–4	0.0	11	9	18	3	s.	John Brown University
Springbank †	Miller	240	33	.....	.....	.....	.....	.....	.....	2.63	−0.34	0.82	6	0.0	7	12	4	14	.....	Henry Field
Story	Montgomery	650	18	.....	.....	.....	.....	.....	.....	2.29	−0.65	1.18	29–30	0.0	4	17	8	5	s.	S. C. Story
Stuttgart	Arkansas	214	55	72.0	− 3.1	102	1§	45	26	2.18	−1.32	0.63	6	0.0	9	15	7	8	s.	Mrs. B. E. Swim
Stuttgart 9 miles e ‡‡	Arkansas	198	7	70.6	.....	98	1	47	25	2.86	.....	1.05	2	0.0	11	.....	.....	.....	.....	University of Arkansas
Subiaco	Logan	750	44	72.6^{b}	− 1.7	99	15	47^{c}	18	3.98	+0.55	1.03	4	0.0	9	12	6	12	ne.	New Subiaco Abbey

Climatological Data for September, 1943 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	58	74.5	− 2.3	98	1	55	11$	2.35	−0.39	1.25	5−6	0.0	8	7	14	9	ne.	U S. Weather Bureau
Tumbling Shoals	Cleburne	272	13							0.81	−3.09	0.25	7	0.0	9	13	7	10		Lester B. Logan
Turnpike†	Pope	2240	18	67.7		92	1	45	18	5.85	+0.85	1.52	1−2	0.0	11	13	6	11	sw.	U. S. Forest Service
Waldron	Scott	675	23	73.0		100	15	41	18	3.29	+0.12	1.87	29	0.0	6	6	13	11	se.	Lavon Shoptaw
Warren	Bradley	206	48	73.8	− 2.3	98	1$	50	25	4.82	+0.87	1.37	5	0.0	10	3	6	21	ne.	C. N. Turner
Whitecliffs	Little River	290	36							2.47	−0.12	1.67	5−6	0.0	2	15	6	9		L. M. Snead
White Rock†	Franklin	2285	6	68.6		96	1	47	18$	5.14		2.02	29	0.0	9	15	10	5	se.	U. S. Forest Service
Wilson	Mississippi	237	17	70.5	− 3.3	97	1	48	25°	5.94	+3.78	1.55	6	0.0	8	12	18	0	s.	D. O. Anderson
Wynne	Cross	167	34	69.6	− 4.9	101	1	40	26	3.54	+0.03	2.10	4−5	0.0	7	12	8	10	s.	B. M. Eddins
State Means				70.4	− 3.9	104	1$	38	26	3.23	−0.08	3.11	29	0.0	8	11	9	10	ne.	

Daily Precipitation for September, 1943

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Abbott[2]	Arkansas				.30			.76						.05						T.										.29	.70		2.10
Alum Fork Reser.	Ouachita		.02	.87	.37		.93				T			T.						T	T.								.56	1.57	.22		4 54
Arkadelphia[2]	Ouachita		T.	T.				.40							T.					.03									.20	.40	.68		1.71
Arkansas City[2]	Mississippi		.75	.04		.21	.91	.33												2.03	.28	.09								T.	T.		4.64
Batesville Air'y[1]†	White	.67	.04		.09		.24				.03			T.		.18			T.	T	T								.03	.11	.02		1.41
Batesville Livestk[1]	White		.91				.10							.10						T		T							T.	.10	.22		1.43
Batesville River[2]	White		.58			.04	.22	.10				T		.21			.05			.02	T								.02	.02	.15		1.41
Beaty Lake	St. Francis		.03			2.58	1.88				T.			.96	.05	T.	.20			.28	.08								T.		T.		6.06
Bee Branch	Arkansas		.10		.15		.30							T.						T.	T								.20	T.	.10		0.85
Beech Grove	White																																
Beedeville[2]	White		.03			.41	.28	.28						.03	T.		T.				.13	T.							T		T.		1.16
Benton[2]	Saline		.04		.10		.09	.77						T.	.06					.03									.28	.31	.53		2.21
Bentonville[2]	Arkansas		.06			.45	.68	.88				.05	.10	.31	.06						.05	.17								.06	1.49		4.36
Bethesda[2]	White		.49				.14							.11						T.									T		.25		0.99
Big Lake Outlet[2]	St. Francis		1.03	.03		.65	.36	.48						.10	.15		.32				T.	T											3.12
Black Rock[2]	White		.22			1.84	.03	.08			.05			.28	.03		.42					.04			.10					T.	.02		3.11
Bluff City	Ouachita						.94													.12									30	.82			2.18
Blytheville[2]	St Francis		.36	.20	.01	.59	.65	.39						.42	.24		.49					T.											3.35
Booneville 3 mi- w	Arkansas		T.	.13	.19		.99				.03			.07															.15	.79	.18		2.53
Booneville[2]	Arkansas		.30		.27			.75						.02																.16	1.10		2.60
Boughton[2]	Ouachita		1 25				.10	.65																					.40	.08	.80		3.28
Brinkley[1]	White	1.34	.07		1.64	.37	2.03				T.			.17		T.			.02	.05									.04	.03	.02		5.78
Burdette	Mississippi	.67				2.00	1.54				T			.33	.05		.31					.17											5.07
Calico Rock[2]	White		T.			.57	.76							.09						.05		.02			T.				.02	.10	.07		1.68
Camden	Ouachita		.29				1.30	.68												.24	.02								.43	.52	.44		3.92
Camp Robinson[1]	Arkansas		.03		.64	.03	.54																						.77	.10			2.11
Carlisle[2]	Arkansas		.08	.12		.87	.16	.57												.08									.05	.16	.13		2.22
Clarendon[2]	White		T	1.33		1.20	.07	.69							T					.43	.07								.08	.03			3.90
Cold Springs	Ouachita		.22											.03															.23	2.17	.18		2.83
Conway	Arkansas		.57		.32		.86													.03									.29	.15	.11		2.33
Corning[2]	White		.07			.03	.25							.37			.45			T	.02												1.19
Cotter[2]	White		.03			T.	.31	.09			T.		.15	.43							T.								T.	.27	.23		1.51
Crossett	Ouachita	T.	.57			.52	.22												.15	1.01	.04								.27		.37		3.15
Danville[2]	Arkansas		.21		T.	.36		1.19				T		.02															.06	.62	.82		3.28
Dardanelle[2]	Arkansas				.18	.24	.02	.58				.05		.04															.30	.95	.79		3.15
Denmark[2]	White		.01			.08	1.33	.12						.05	.02		.03				.03	T.							.05	.10	.08		1.90
De Queen	Red				.49		.20														T.								T.	.08	.16		0.93
Dermott[2]	Mississippi		1.10	.13		.07	.56	.60										T.		1.52	.52	.12							.05		.14		4.81
Des Arc[2]	White		.04	.10		.69	.48	.49				T			T.					.14									.04	.37	.19		2.54
Devils Knob	Arkansas	.21	.17	1.72	.18		.44				.04	.07									.05			T.					.53	2 38	.46		6.25
Dumas	Mississippi	T.	1.12	T.	.18	.14	.46							T				.19		.33	.32									T.	.26		3.00
Eagle Gap[2]	Arkansas		T.	.04		.99	T.	.83																					T	.46	.60		2.92
El Dorado[2]	Ouachita		.02	T	.59	.49	.89	.98												.45	.07								.68	.03	.46		4.66
Eleven Point[2]	White	T.	.51		.26			.70					T.	.72		.08				T.	T.									T	T.		2.27
England	Arkansas																																
Eureka Springs	White	.22		.35	.83		1.00				.10	.61		.06							.30								.07	1.60	.36		5.50
Evening Shade[2]	White		1.22			.14	.65				T			.05			.18			.05		.03			T.					.08	.05		2.45
Fayetteville	White	.13		T.	.38		.97		T.		.04	.10		.02							.10			T.					.07	1.05	.19		3.05
Fayetteville Exp. S	White	.11			.49		1.47				.05	.21		.04		.02					.12								.05	1.13	.12		3.81
Fordyce	Arkansas			1.11		.67	1.26												.05	.20	.03								.27	.15	.35		4.09
Forester[2]	Arkansas		.42		1.33																									.18	.75		2.68
Fort Smith[1]‡	Arkansas			.25	.57		1.24				.03			T							T.			T					.01	1.88	1.16		5.14
Fort Smith W.[2]	Arkansas			.35	1.47			.80				.15		.02																.22	2.10		5.11
Fulton[2]	Red		.06				.26	.96												T.									.06	T	1.09		2.43
Georgetown[2]	White		.18	.04		.38	1.75	.60																						.14	.07		3.16
Gilbert[2]	White					.16	.15	.08						.07															.10	.17	.33		1.06
Glenwood[2]	Ouachita		.30					.51																					.67	.61	.72		2.81
Grannis	Red	T.	.28	T	.22	T.	.02													.04									.08	.61	.48		1.73
Gravelly[2]	Arkansas			T	.23	.33	*	.70																						.44	.47		2.17
Gravette	Arkansas	.28		.13	.57		.98					.57									.32									1.25	.44		4.54
Green Forest[2]	White			.93	.51		.80				.05	.49		.05							.17			.03					.16	.75	.02		3.96
Green Mountain	White				.60		.50							T.						T.	T.								T.	.20	T.		1.30
Greenwood[2]	Arkansas				1.56		.70							.05																.30	.55		3.16
Harrisburg[2]	St. Francis	T			1.43		.25									.50																	2.18
Harrison	White			.04	.03		.44				T.	.18				T.								T					.13	1.94	.57		3.33
Helena	Mississippi		.05	.25		.68	1.23	.50							1.16					.70	1.44	.02											6.03
Henderson[2]	White											.17		.23																			0.40
Highland	Ouachita		.50		.60		1.00																						.30	1.40			3.80
Hope	Red		.79	.05		.08	.21	.64												.04									.12	.04	1.59		3.56
Hot Springs	Ouachita	T.	.07	.17			.31							T.							.03								1.42	1.22			3.22
Huttig[2]	Ouachita		.06		.08	.12	1.00	.78												1 25	.72								.18	T.	.40		4.59
Index[2]	Red		.05				.10	1.65																					T.	T.			1.80
Jessieville	Ouachita							1.25						.05															.82	1.22	.06		3.40
Jonesboro[2]	White		.01			.04	.05	.12			.01			.16		T.	1.00				.01												1.40
LaCrosse[2]	White		.78				.22			T.				.06							.02										.21		1.29
Lake City[2]	St. Francis			.90		.50	.50							.70			.80		.70	.60													4.70
Lead Hill	White			T.	.10		.25		T.		.12	.34		.30		T.					.15			.10					.37	1.28	.50		3.51

Daily Precipitation for September, 1943 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Little Rock[1‡]	Arkansas	.02	.01	T.	.26	.01	1.24	....	....	....	T.	....	....	T.	....	....	....	....	T.	T.	....	....	....	....	....	....	....	T.	.56	.09	T.	2.19
Lutherville	Arkansas	.05	.37	....	.65	....	.62	....	....	....	03	....	....	.07	....	....	....	....	....	T	....	....	....	....	....	....	....	....	1.06	1.03	.72	4.60
Madison[2]	St. Francis	....	....	1.01	....	1.55	1.20	.80	....	....	....	....	....	....	1.50	....	.20	....	....	.20	T.	....	....	....	....	....	....	....	....	....	....	6.46
Magnolia	Red	.08	.38	.12	....	.64	.87	....	....	....	....	....	....	....	....	....	....	....	....	.21	....	....	....	....	....	....	....	....	.11	.23	1.49	4.13
Mammoth Spg[2]	White	....	....	....	....	.05	.36	....	....	....	....	....	....	.82	....	....	....	....	....	.17	....	....	....	....	.05	....	....	....	....	....	T.	1.45
Marianna[2]	St. Francis	....	....	....	....	....	2.79	1.28	....	....	....	....	....	....	2.53	....	....	....	....	.46	.40	....	....	....	....	....	....	....	....	....	....	4.17
Marked Tree[2]	St. Francis	....	.43	....	.20	1.10	.15	1.75	....	....	....	....	....	....	....	....	.46	....	....	....	.08	....	....	....	....	....	....	....	....	....	....	1.19
Marshall[2]	White	.02	T.	T.	.23	....	.24	....	....	....	.05	.02	....	.02	....	T.	....	....	....	T.	T.	....	....	....	....	....	....	....	.03	.50	.08	5.25
Marvell[2]	White	....	T.	T.	....	.75	1.60	....	....	....	....	....	....	....	2.34	....	.10	....	....	....	....	....	....	....	....	.46	....	....	....	....	....	3.30
Mena[2]	Ouachita	....	T.	T.	.01	T.	T.	.05	....	....	....	....	T.	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	.13	3.11	5.18
Monticello[1‡]	Ouachita	.05	1.70	....	.03	1.29	.83	....	....	....	....	....	....	....	....	....	T.	T.	.12	.38	.58	T.	....	....	....	....	....	.09	T.	.11	T.	3.69
Morobay[2]	Ouachita	....	.04	.02	....	.71	.68	1.00	....	....	....	....	....	....	....	....	....	....	....	.36	.09	....	....	....	....	....	....	....	.28	.09	.42	3.42
Morrilton[2]	Arkansas	....	.57	....	.13	.10	....	.90	....	....	....	T	....	.02	T	....	.35	....	....	T.	....	....	....	....	....	....	....	....	.40	.50	.45	7.50
Mountainburg	Arkansas	....	.48	1.55	.39	....	.87	....	....	....	.16	....	....	....	....	....	....	....	....	....	.03	....	....	....	....	....	....	....	.24	2.40	1.38	0.81
Mountain Home	White	....	....	....	T.	....	.12	....	....	....	.10	....	....	.30	....	....	....	....	....	T.	T.	....	....	T.	....	....	....	....	.04	.25	....	3.16
Mountain Valley	Ouachita	....	.36	....	....	....	.75	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.10	.95	....	1.20
Mtn. View[2]	White	....	1.03	....	....	....	....	....	....	....	.05	....	....	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	.07	T.	1.50
Mount Ida	Ouachita	....	T.	.04	....	....	.02	....	....	....	....	....	....	T	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	.46	.78	.20	4.24
Mulberry[2]	Arkansas	....	....	....	.20	....	.40	.24	....	....	.05	.16	....	.09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	2.90	4.08
Nashville	Red	.13	.23	....	.39	....	.80	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.24	2.29	....	1.95
Newhope[2]	Ouachita	....	....	....	.63	.04	....	.83	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	.25	1.15
Newport[2]	White	....	T.	....	....	.08	T.	.60	....	....	....	....	....	T.	T.	....	.30	....	....	T.	.06	T.	....	....	....	....	....	....	T.	.05	.06	3.07
Nimrod Dam	Arkansas	....	.07	.07	.08	....	.80	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.67	1.35	.03	4.16
Odell[2]	Arkansas	.12	....	....	.86	....	1.08	....	....	....	.02	.09	....	.08	....	....	....	....	....	....	....	.04	....	....	....	....	....	....	....	.07	1.80	2.04
Oden	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.59	1.39	.06	3.50
Okay	Red	....	.42	....	.14	T.	1.52	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.19	1.23	....	4.70
Osceola[2]	Mississippi	....	.37	.10	....	.95	1.07	1.42	....	....	....	....	....	.06	.46	....	.23	....	....	T	.04	T.	....	....	....	....	....	....	....	....	....	2.88
Ozark	Arkansas	....	....	....	.23	.03	.03	.94	....	....	....	.11	....	.11	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	T.	.45	.98	1.62
Paragould	St. Francis	T.	.02	....	.16	.39	.41	....	....	....	.03	....	....	.20	T.	.09	.22	....	.06	.01	.01	....	....	.02	....	....	....	....	....	....	....	5.51
Parkin[2]	St. Francis	....	.34	....	....	.76	1.82	1.75	....	....	....	....	....	....	.69	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.32
Perryville	Arkansas	....	.32	....	.45	....	.37	....	....	....	T.	....	....	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.60	.50	3.58
Pine Bluff[2]	Arkansas	....	.12	1.48	....	.05	.32	.77	....	....	....	....	....	....	T	....	....	....	....	.32	.07	....	....	....	....	....	....	....	.13	.11	.21	3.14
Pine Ridge[2]	Ouachita	....	.18	.03	.11	....	....	.18	....	....	....	....	....	....	....	....	....	....	....	....	T	....	....	....	....	....	....	....	.65	.09	1.90	1.41
Pocahontas	White	.02	.20	....	.33	....	.44	....	....	....	....	....	....	.26	....	....	....	....	....	.04	.09	....	....	....	....	....	....	....	....	.02	.01	3.36
Portland[2]	Ouachita	....	.10	.32	....	.10	.52	.32	....	....	....	....	....	....	....	....	....	....	....	1.25	.75	....	....	....	....	....	....	....	....	T.	....	3.00
Prescott[2]	Ouachita	....	.16	.20	....	....	.15	1.12	....	....	....	....	....	....	....	....	....	....	.09	....	....	....	....	....	....	....	....	....	.27	.23	.78	6.24
Rogers	White	.07	....	....	1.03	....	.83	....	T.	....	.12	55	....	.13	....	T.	....	....	....	....	.23	....	....	....	....	....	....	.08	1.33	1.27	.60	2.32
Rosebud	Arkansas	....	.74	.16	.09	.05	.81	....	....	....	....	....	....	.07	....	.16	....	....	....	....	....	....	....	....	....	....	....	....	.24	....	....	3.22
Russellville	Arkansas	....	....	....	.16	....	.36	....	....	....	....	....	....	....	....	....	....	....	....	....	T	....	....	....	....	....	....	.55	1.60	.55	....	3.76
St. Charles[2]	White	....	.11	.06	....	.18	.82	.75	....	....	....	....	....	....	.62	....	....	....	....	.55	.60	.02	....	....	....	....	....	....	.05	....	....	2.17
St. Francis[2]	St. Francis	....	.55	....	....	.45	.21	.10	....	....	....	....	....	.51	.15	....	.17	....	....	....	....	.03	....	....	....	....	....	....	....	....	....	5.77
St. Paul[2]	White	....	.10	....	1.80	....	1.47	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	2.30	2.46
Searcy[2]	White	....	....	T	....	1.35	.40	.32	....	....	....	....	.05	....	.02	....	.02	....	....	....	.03	....	....	....	....	....	....	....	.03	.14	.10	2.66
Sheridan	Ouachita	....	.05	.05	.20	.51	1.01	....	....	....	....	....	....	.03	....	....	....	....	....	.12	....	....	....	....	....	....	....	....	.35	.11	.23	1.41
Shirley[2]	White	....	.11	....	....	.10	.80	....	....	....	....	....	....	.17	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	.12	.07	.04	4.33
Siloam Springs	White	.06	....	.01	1.27	....	1.23	....	....	....	.02	.10	....	.07	....	T.	....	....	....	....	....	....	....	.19	....	....	....	....	.12	.89	.37	2.58
Sparkman[2]	Ouachita	....	.05	....	....	.12	1.17	....	....	....	....	....	....	....	....	....	....	....	....	.28	....	....	....	....	....	....	....	....	.40	.24	.32	2.63
Springbank[2]	Red	....	T.	T.	.60	.12	.62	.82	....	....	....	....	....	....	....	....	....	....	....	.04	T.	....	....	....	....	....	....	....	T.	.08	.35	7.20
Stamps[2]	Red	.25	....	....	....	1.70	1.00	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	4.00	....	1.97
Stephens[2]	Ouachita	....	.12	....	....	....	.62	....	....	....	....	....	....	....	....	....	....	....	....	.03	....	....	....	....	....	....	....	....	.05	1.15	....	2.29
Story[2]	Ouachita	....	....	....	....	....	.12	.18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.81	1.18	2.18
Stuttgart[2]	Arkansas	....	.05	.15	....	.48	.14	.63	....	....	....	....	....	....	....	....	....	....	....	.25	.37	....	....	....	....	....	....	....	.08	.03	....	2.86
Stuttgart Evap[2]	Arkansas	....	.03	1.05	....	.67	.08	.39	....	....	....	....	....	....	.21	....	....	....	....	26	.11	....	....	....	....	....	....	....	.04	.01	.01	3.98
Subiaco	Arkansas	.18	.08	....	1.03	....	.86	....	....	....	....	....	....	.08	....	....	....	....	....	....	.03	....	....	....	....	....	....	....	.51	.81	.40	3.64
Sugar Grove[2]	Arkansas	....	....	....	1.19	....	.73	.30	....	....	....	....	....	.09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.01	.12	1.20	2.35
Texarkana[1]	Red	.35	.02	....	....	.39	1.07	....	....	....	....	....	....	....	....	....	T.	T.	T.	.01	....	....	....	....	....	....	....	....	.03	.35	.13	3.71
Tichnor[2]	White	....	.63	.04	....	....	.08	.38	....	....	....	....	....	....	.22	....	....	....	....	.50	1.39	.34	....	....	....	....	....	....	.05	.06	.02	0.81
Tumbling Shoals[2]	White	....	....	....	....	.11	....	.25	....	....	....	....	....	....	....	....	.20	....	....	.01	.01	.02	....	....	....	....	....	....	.05	.07	.09	5.85
Turnpike	Arkansas	.02	1.50	.15	.48	....	.67	....	....	....	.03	T	....	.05	....	....	....	....	....	....	.06	....	....	....	....	....	....	....	.90	1.10	.89	1.56
Viola	White	....	.13	.21	....	.06	.80	....	....	....	....	....	....	.36	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.29
Waldron	Arkansas	....	....	.12	.21	....	.45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.28	1.87	.36	1.62
Walnut Grove	White	....	.98	....	T.	....	.48	....	....	....	....	....	....	.14	....	T.	....	....	....	.02	....	....	....	....	....	....	....	....	....	....	T.	4.82
Warren	Ouachita	.02	.79	....	....	1.37	1.35	....	....	....	....	....	....	T	....	....	....	....	.15	.32	.30	....	....	....	....	....	....	....	.30	.02	.20	2.47
Whitecliffs[2]	Red	....	.80	T	T	T.	1.67	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	T.	5.14
White Rock	Arkansas	....	.16	T	.22	....	.70	....	....	....	.12	.03	....	.10	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	.47	2.02	1.32	5.94
Wilson[2]	Mississippi	....	.20	.28	....	1.10	1.55	1.45	....	....	....	....	....	....	.88	....	.38	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	3.54
Wynne[2]	St. Francis	....	.05	....	....	1.10	1.00	.80	....	....	....	....	....	....	.21	....	.20	....	....	....	.18	....	....	....	....	....	....	....	....	....	....	

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for September, 1943

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Monthly
Bethesda.....§§	Evap.	.344	.271	.553	.092	.092	.022	.150	.181	.271	.230	.147	.108	.284	.232	.206	.229	.022	.052	.483	.497	.078	.216	.237	.214	.140	.092	.163	.148	.036	.160	5.950
	Mean tem.	80	85	84	80	80	71	66	77	64	62	62	71	74	69	66	71	74	67	69	68	72	72	70	66	62	58	61	62	70	66	69.4
	Wind move	2	2	4	5	1	1	5	1	40	29	21	23	64	59	21	66	48	31	39	33	22	29	35	24	33	45	1	28	25	33	770
Hope, ...§§ Exp. Farm	Evap.	.340	.290	.095	.168	.201	.134	.090	.224	.242	.266	.206	.208	.217	.290	.268	.237	.217	.210	.074	.068	.110	.157	.155	.188	.160	.167	.129	.187	.029	.085	5.412
	Mean tem.	86	82	83	82	80	78	77	76	73	68	72	74	75	78	78	72	71	64	64	67	70	72	72	68	68	66	66	62	68	73	72.9
	Wind move	43	31	22	32	52	51	46	30	29	42	27	20	27	69	57	34	79	70	51	52	38	21	25	40	27	20	21	33	31	21	1132
Russellville....	Evap.	....	....	....	....	.338	.201	.153	234	.289	.141	.159	.257	.197	.133	....	.501	.210	.169	.121	.084	.245	.054	.266	.041	.170	.220	.249	.001	.150	.040	4.623
	Mean tem.	91	84	83	83	80	78	84	72	70	66	68	74	78	69	80	82	69	62	68	72	70	72	72	62	66	66	70	72	66	66	73.2
	Wind move	18	24	18	19	13	42	13	16	46	10	25	23	32	24	*	50	13	16	24	8	23	20	14	18	11	20	14	21	18	6	599
Stuttgart, ...§§ Rice Exp.Farm	Evap.	.188	.284	.087	087	.210	.077	.033	.203	.206	.338	.048	.181	.228	.254	.109	.336	.072	.179	.057	.009	.062	.129	.129	.123	.158	.147	.124	.146	.064	.098	4.366
	Mean tem.	86	81	82	84	79	76	72	72	69	64	66	74	76	77	79	69	66	62	58	64	68	68	66	62	64	62	66	64	72	72	70.6
	Wind move	20	33	14	21	34	68	25	18	16	41	36	4	44	102	42	48	60	66	58	51	30	15	8	46	22	17	12	23	25	33	1032

Daily Temperatures for September, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Alum Fork	Maximum	97	92	95	93	91	88	85	88	88	78	84	93	92	91	96	91	77	77	72	76	84	88	82	80	83	79	88	82	73	76		85.3
	Minimum	72	72	69	72	70	64	60	56	62	50	53	58	68	59	67	65	57	52	59	60	56	56	61	52	51	48	50	63	63	61		60.2
Arkadelphia §§	Maximum	100	98	97	100	95	83	89	92	89	87	92	96	94	98	99	83	83	83	83	83	87	89	89	83	87	85	87	83	83	83		89.3
	Minimum	72	71	69	70	70	71	62	58	58	50	52	54	65	59	61	66	57	53	54	62	55	56	57	53	50	52	49	49	65	62		59.4
Batesville Air. ***	Maximum	99	89	94	95	92	88	85	88	83	78	80	93	85	89	99	78	76	74	65	77	80	87	74	78	82	78	84	76	80	74		83.3
	Minimum	73	73	71	73	74	60	52	52	53	54	50	53	61	55	62	59	53	45	60	59	58	55	53	44	47	43	46	59	62	61		57.3
Batesville, Livestk.	Maximum	97	89	94	93	91	81	84	87	81	76	78	92	84	88	97	78	73	72	66	72	80	82	73	78	81	76	83	74	80	74		81.8
	Minimum	72	71	67	72	72	63	50	50	51	50	51	51	60	53	58	65	51	43	47	59	57	51	60	43	46	42	41	49	53	59		55.2
Bee Branch	Maximum	100	94	98	95	95	90	88	91	86	85	84	94	91	92	99	94	78	79	74	76	85	90	85	81	88	84	84	80	75	80		87.2
	Minimum	70	70	66	70	68	68	46	50	56	50	48	54	67	65	62	60	52	48	57	59	54	55	60	46	47	45	45	59	60	61		57.3
Benton §§	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....
	Minimum	67	63	64	66	71	70	55	53	50	45	45	49	48	50	54	54	56	49	50	50	50	49	51	50	49	44	44	45	63	58		53.7
Bentonville §§	Maximum	93	96	97	97	93	77	83	81	80	75	67	88	74	89	89	77	71	77	83	63	81	87	75	79	81	81	82	67	65	67		80.5
	Minimum	71	71	71	73	71	64	54	54	54	57	57	57	57	55	55	60	56	52	52	54	53	56	57	46	46	52	50	53	60	60		57.6
Bethesda	Maximum	94	98	96	92	89	80	82	86	80	75	77	92	89	86	97	77	92	71	68	79	85	90	82	81	83	77	82	74	80	73		83.6
	Minimum	66	72	73	68	71	62	49	48	48	49	47	50	59	52	56	65	56	43	50	56	58	54	58	52	41	40	40	49	61	59		55.1
Bluff City	Maximum	98	96	97	97	90	88	86	87	86	83	89	93	92	95	95	90	77	75	69	73	82	85	85	80	84	83	82	77	79	81		85.8
	Minimum	73	72	70	75	73	65	66	61	60	51	54	58	70	61	75	70	61	54	60	62	56	58	59	54	51	53	51	65	66	64		62.3
Blytheville	Maximum	97	80	88	92	80	75	80	84	75	72	80	87	84	84	85	75	70	75	65	67	75	80	69	70	74	70	82	80	83	85		78.8
	Minimum	76	73	72	75	70	70	55	57	65	54	53	59	63	64	65	60	49	47	52	60	54	49	62	45	47	44	50	49	62	60		58.7
Booneville	Maximum	100	98	97	93	96	90	85	90	85	81	84	98	92	97	102	97	77	80	76	82	88	91	87	83	87	82	88	82	68	71		87.6
	Minimum	74	74	71	73	67	64	51	56	55	56	58	61	65	50	66	66	57	47	62	55	56	59	64	52	51	58	50	61	62	63		60.1
Brinkley ***	Maximum	99	89	96	98	86	75	84	87	80	77	87	90	88	88	94	73	73	75	64	70	77	82	79	77	81	75	82	77	81	79		82.1
	Minimum	67	72	70	71	72	64	58	54	53	48	51	57	64	62	68	58	54	47	59	60	56	53	56	48	44	44	47	63	64	64		58.3
Camden	Maximum	101	99	91	98	87	84	88	91	89	86	92	95	94	95	95	94	80	77	68	74	84	86	87	81	84	85	87	78	78	84		87.1
	Minimum	72	71	70	72	72	65	65	60	56	48	52	55	69	61	68	68	62	54	61	61	60	55	57	54	49	49	51	64	66	63		61.0
Camp Robinson ***	Maximum	104	94	98	92	104	90	85	91	81	78	85	85	92	92	98	84	75	78	66	76	81	85	79	77	83	78	83	83	82	81		85.3
	Minimum	74	71	68	72	72	61	59	54	54	50	50	50	49	69	70	63	56	52	57	58	55	55	58	51	47	50	48	62	63	60		58.6
Conway	Maximum	101	96	100	98	96	84	88	93	86	80	86	97	94	95	102	94	77	76	75	77	85	90	84	78	86	81	88	80	75	78		87.3
	Minimum	79	70	70	73	72	65	54	55	57	51	55	56	69	57	68	66	58	55	59	61	52	56	60	51	50	47	48	64	65	61		60.1
Corning	Maximum	100	88	95	94	89	88	83	87	80	80	77	91	85	85	91	77	72	83	77	67	78	83	78	72	74	73	82	83	84	79		82.5
	Minimum	73	71	70	72	70	66	48	47	48	53	49	53	59	56	59	61	47	44	58	58	55	53	59	41	41	41	44	46	63	58		55.4
Crossett	Maximum	96	90	96	100	92	90	88	89	85	83	91	93	93	97	96	90	77	71	67	68	81	85	83	77	82	77	85	81	84	85		85.7
	Minimum	69	72	67	72	72	67	60	59	53	54	49	56	59	62	65	68	66	59	60	63	59	52	56	56	46	49	54	64	66	65		60.6
Dardanelle	Maximum	101	95	97	94	96	94	85	89	89	84	85	95	95	91	99	99	80	78	76	79	85	89	88	79	85	82	84	80	68	72		87.1
	Minimum	75	74	71	72	70	70	53	54	58	54	52	57	66	53	65	65	58	50	61	60	55	56	63	48	48	50	49	61	62	60		59.7
De Queen	Maximum	97	95	92	90	88	82	85	90	86	84	87	92	92	93	95	96	90	80	80	77	84	87	86	82	86	83	81	78	76	72		86.2
	Minimum	75	72	70	72	72	69	63	60	65	56	58	60	63	56	62	62	68	62	54	62	55	55	61	58	53	59	49	64	66	65		62.2
Des Arc	Maximum	99	92	95	97	90	77	82	88	87	80	84	91	91	89	97	96	75	71	75	74	79	81	80	75	84	77	82	80	81	74		84.1
	Minimum	73	71	68	72	73	64	56	51	59	49	50	55	68	60	67	64	55	48	58	58	57	53	56	47	44	45	46	59	63	61		58.3
Devils Knob	Maximum	90	87	92	81	85	81	78	80	77	72	72	85	80	85	88	79	73	73	76	70	75	82	75	75	78	73	79	67	61	62		77.7
	Minimum	70	68	66	66	66	57	55	62	54	53	55	61	61	58	68	57	48	46	55	55	52	60	56	46	56	50	54	56	57	57		57.5
Dumas	Maximum	100	87	96	95	85	84	85	88	82	82	94	95	92	96	98	84	76	70	66	79	79	88	82	73	81	77	86	78	84	81		84.8
	Minimum	73	73	70	75	75	65	64	56	58	48	58	59	64	69	68	69	53	50	60	60	63	65	57	56	49	47	53	64	66	64		61.7
El Dorado	Maximum	95	95	97	89	85	85	87	89	85	84	85	89	93	95	94	82	78	75	73	71	82	85	85	78	78	80	83	78	82	83		84.7
	Minimum	76	74	73	75	74	68	67	65	61	54	55	59	65	72	70	72	67	58	61	63	61	59	60	57	53	52	56	65	68	66		64.2
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Eureka Springs	Maximum	95	96	95	87	92	89	83	81	80	75	75	88	88	89	91	83	71	78	80	75	83	86	80	79	81	79	85	79	64	72		82.6
	Minimum	68	69	70	69	69	60	49	50	51	55	54	57	60	51	66	56	47	47	49	53	56	63	60	47	56	49	56	58	60	60		57.2
Fayetteville	Maximum	94	97	96	89	93	86	83	83	82	76	76	91	84	92	95	81	74	82	84	76	85	89	79	80	82	81	85	76	67	71		83.6
	Minimum	67	68	70	69	68	60	46	50	50	56	58	63	61	49	68	60	51	47	55	55	55	61	62	48	54	55	55	59	63	62		58.2
Fayetteville Exp. S	Maximum	97	96	96	89	91	88	81	80	79	77	74	90	86	91	95	84	76	79	82	81	83	90	84	89	80	82	84	79	68	71		84.1
	Minimum	66	67	67	68	67	59	46	50	48	54	55	61	59	47	67	55	48	41	50	53	53	58	58	44	52	52	52	52	62	61		55.7
Fordyce	Maximum	100	95	98	99	88	84	87	91	91	87	92	95	93	97	98	96	94	80	86	87	..	88	89	81	86	79	86	76	76	89		89.2
	Minimum	72	71	68	70	72	63	63	58	57	51	70	78	75	74	75	75	71	60	65	66	..	63	60	53	52	51	52	65	65	63		64.8
Fort Smith ***	Maximum	97	97	94	84	92	78	84	88	84	77	82	94	81	92	96	81	75	78	78	80	84	86	76	78	82	78	84	69	71	70		83.1
	Minimum	78	77	75	74	73	63	57	61	62	60	60	63	65	58	72	68	59	53	65	63	58	64	64	55	62	61	57	64	65	63		64.0
Gilbert §§	Maximum	96	95	95	90	95	78	88	90	85	83	73	94	85	92	95	83	75	77	70	67	87	91	77	82	85	83	85	68	72	71		83.6
	Minimum	62	68	65	68	63	65	45	44	44	44	46	48	50	46	47	48	44	45	48	57	56	50	52	42	41	38	42	43	55	58		50.8
Grannis	Maximum	103	99	96	96	93	79	90	95	89	86	94	96	97	99	100	85	79	81	76	87	87	90	87	84	89	78	85	74	67	70		87.7
	Minimum	73	71	67	71	69	68	56	59	64	53	56	60	60	56	66	67	57	51	60	56	54	59	60	53	55	57	51	60	64	63		60.5
Gravette	Maximum	96	97	97	87	91	88	83	80	80	79	73	89	87	90	85	84	74	79	85	79	84	86	84	78	80	82	83	84	68	68		83.4
	Minimum	65	65	66	67	69	60	46	48	47	55	57	58	58	50	56	55	49	41	52	52	53	60	59	47	49	52	52	53	60	61		55.4
Green Mountain	Maximum	101	100	99	88	97	85	77	85	84	85	85	95	89	90	97	89	80	70	67	77	80	86	88	72	78	73	82	75	80	80		84.5
	Minimum	78	70	71	70	69	61	53	57	56	58	58	65	64	56	62	63	52	49	57	57	56	57	60	49	58	50	57	59	59	60		59.7
Harrison	Maximum	99	99	97	93	97	90	85	86	83	82	73	92	86	93	98	83	77	80	77	70	85	91	85	80	84	84	88	80	68	67		85.1
	Minimum	73	68	67	70	65	62	45	48	46	51	53	52	62	47	64	60	46	39	55	57	58	57	61	40	47	45	48	52	60	59		55.2
Helena	Maximum	98	82	90	96	84	77	79	82	78	77	85	90	87	87	90	87	70	73	68	67	70	81	76	70	77	72	82	79	84	79		80.6
	Minimum	77	72	70	73	71	65	62	57	61	52	57	65	66	62	70	63	58	53	58	58	59	56	58	50	47	51	53	62	62	65		61.1
Highland	Maximum	101	104	94	93	95	82	86	88	91	84	86	87	92	95	91	89	88	87	84	83	86	89	87	88	87	86	88	88	72	79		88.3
	Minimum	74	70	70	72	70	65	64	66	64	64	66	67	64	67	66	67	66	65	66	65	55	67	66	71	72	70	74	69	64	66		67.1
Hope §§	Maximum	99	97	95	93	90	84	89	91	85	86	91	95	94	96	95	76	80	74	72	77	86	88	87	81	87	80	85	75	70	83		86.0
	Minimum	72	68	71	71	71	72	65	61	61	51	52	54	56	60	61	67	62	55	55	61	54	55	56	55	50	52	48	50	66	63		59.8
Hot Springs	Maximum	96	94	94	95	93	83	89	94	89	82	94	97	91	98	99	89	81	76	72	82	88	89	83	83	88	78	85	75	73	79		87.0
	Minimum	79	72	71	72	73	65	59	59	62	55	55	64	67	59	74	66	58	53	59	60	60	60	63	52	55	55	50	62	64	61		62.1
Jonesboro	Maximum	99	92	95	96	86	83	84	87	84	78	81	91	86	87	95	91	72	77	73	70	77	85	80	75	76	74	83	81	84	82		83.5
	Minimum	73	72	72	72	73	66	53	53	57	55	52	57	63	61	62	64	53	51	58	58	57	53	59	48	47	46	48	58	64	61		58.9
Lead Hill	Maximum	97	98	96	94	97	91	86	86	84	82	75	91	84	90	95	83	74	78	73	68	83	89	78	79	84	79	85	73	70	70		83.7
	Minimum	73	68	66	71	63	63	41	44	42	52	51	50	62	49	58	56	43	39	53	57	59	52	59	41	45	39	45	50	61	57		53.6
Little Rock ***	Maximum	98	92	96	96	91	76	83	88	80	77	85	93	92	89	98	78	75	77	66	75	80	85	80	76	82	77	83	69	74	77		82.9
	Minimum	75	75	71	75	74	64	61	56	60	54	56	59	69	62	70	64	56	54	61	59	56	56	60	53	50	51	53	64	64	63		61.5
Lutherville	Maximum	98	94	94	89	92	86	83	88	85	77	82	91	84	91	96	89	79	80	75	79	84	88	78	79	87	75	80	73	66	69		83.7
	Minimum	74	72	70	70	67	62	52	65	57	55	53	57	63	54	66	63	55	48	59	60	51	56	63	47	52	51	48	59	63	61		59.1
Magnolia	Maximum	100	98	97	101	92	92	89	91	87	83	92	96	93	98	99	92	78	79	71	75	83	87	87	84	88	81	83	79	75	84		87.8
	Minimum	75	70	71	75	75	66	67	65	77	56	64	57	70	71	..	65	64	57	60	62	56	58	57	57	51	57	54	66	67	65		64.0
Mammoth Spring	Maximum	99	91	95	91	94	92	85	85	81	79	75	90	90	85	93	89	73	73	64	67	73	85	75	74	77	71	81	80	75	80		82.1
	Minimum	71	72	62	73	67	63	47	48	47	52	50	50	62	52	58	66	48	43	54	60	56	51	58	41	48	40	41	53	65	62		55.3
Marianna §§	Maximum	100	85	98	100	81	67	82	85	78	78	85	91	86	86	91	73	72	74	64	73	81	77	76	72	77	74	80	78	82	78		80.8
	Minimum	70	73	70	71	70	70	60	54	60	50	50	60	65	61	66	63	56	50	53	59	60	53	59	49	47	48	50	58	60	60		59.2
Marked Tree §§	Maximum	99	83	93	95	80	76	82	86	78	78	84	89	85	86	90	74	73	77	63	71	75	81	75	72	72	74	82	81	84	83		80.7
	Minimum	63	71	70	70	70	71	55	53	53	51	51	51	57	60	60	62	53	46	46	55	57	51	50	46	45	44	44	47	59	56		55.6
Marshall	Maximum	94	92	94	89	92	84	82	86	81	82	77	91	84	89	94	83	73	74	67	64	83	87	80	75	82	78	82	76	67	71		81.8
	Minimum	74	73	71	71	70	64	47	51	50	51	59	61	67	51	66	64	47	42	58	59	59	63	63	44	48	51	61	60	62	61		58.9
Mena	Maximum	98	96	96	93	90	85	90	90	89	86	94	96	91	99	100	91	77	80	78	81	90	93	87	82	85	81	86	79	67	69		87.3
	Minimum	72	72	68	71	70	65	54	57	62	53	53	68	66	54	72	67	58	50	60	55	54	60	62	53	55	56	49	61	62	61		60.7
Monticello ***	Maximum	98	85	95	98	81	87	86	86	83	82	88	99	90	94	93	77	77	72	66	69	81	83	83	75	80	75	83	78	78	80		83.4
	Minimum	75	72	70	71	73	64	61	59	61	56	58	64	66	71	71	67	60	57	60	61	61	57	63	54	52	52	57	65	66	65		63.0
Morrilton §§	Maximum	100	87	94	92	95	77	82	89	88	79	83	95	96	93	97	75	78	75	75	78	80	92	80	79	83	80	84	70	70	78		84.1
	Minimum	79	77	75	73	73	69	61	59	60	58	59	62	68	59	65	66	59	55	59	64	53	57	60	48	47	53	48	59	64	63		61.7
Mountain Home	Maximum	98	98	98	94	97	84	88	90	86	80	70	95	80	91	98	83	77	78	70	70	84	90	74	80	85	78	85	74	75	79		84.3
	Minimum	70	70	64	69	62	60	40	44	41	50	48	50	59	47	57	51	43	39	52	59	56	60	51	42	44	45	48	54	68	59		53.4
Mt. Ida	Maximum	101	95	95	95	95	85	90	94	87	83	94	96	95	99	99	89	77	78	76	82	88	92	83	83	89	81	84	71	69	75		87.3
	Minimum	69	72	65	68	65	65	50	49	49	42	44	50	59	45	67	63	42	46	52	53	50	51	56	47	45	46	40	60	64	61		54.5
Nashville	Maximum	104	94	93	94	88	87	87	90	86	84	90	93	92	95	95	92	81	77	74	82	85	87	86	79	88	82	83	77	71	79		86.5
	Minimum	71	71	73	74	73	66	65	64	65	55	55	73	65	60	65	68	62	56	61	60	57	58	61	56	53	57	50	64	66	65		63.0
Newport	Maximum	98	92	95	97	93	81	83	88	82	80	81	93	88	87	98	78	76	75	70	74	79	86	77	77	80	80	86	78	86	75		83.1
	Minimum	73	74	70	73	74	71	53	54	55	53	51	56	65	60	61	65	55	50	60	61	60	56	60	45	45	44	46	60	65	63		59.3

Daily Temperatures for September, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Nimrod Dam	Maximum	100	96	98	93	95	87	86	91	85	85	87	91	88	96	100	91	79	76	71	80	87	90	30	82	80	81	86	73	69	75		85.9
	Minimum	73	72	68	70	67	63	56	53	54	50	50	57	68	54	67	66	55	48	61	61	54	56	62	60	50	49	48	61	64	62		59.3
Odeu ***	Maximum	102	94	98	92	95	76	92	90	92	88	84	92	96	92	99	82	80	80	72	85	88	92	85	83	88	80	86	69	67	75		86.5
	Minimum	74	73	68	71	69	56	51	59	56	59	49	50	58	66	71	63	55	49	62	59	58	56	51	50	51	54	47	62	64	63		59.1
Okay	Maximum	100	96	95	94	89	86	87	91	87	86	89	92	94	95	96	93	79	79	78	83	87	89	87	83	88	87	86	80	73	89		87.6
	Minimum	71	70	71	72	69	66	67	63	62	52	52	53	55	56	57	66	63	54	61	60	53	56	58	56	50	54	48	64	65	64		60.3
Ozark	Maximum	100	95	102	90	95	82	88	90	86	81	84	95	86	89	100	87	78	79	77	80	84	89	89	79	88	78	86	78	88	78		86.7
	Minimum	75	75	74	72	68	63	50	57	54	59	60	63	63	53	66	63	57	54	63	56	54	59	58	48	53	58	53	63	64	62		60.6
Paragould	Maximum	94	87	91	93	85	82	81	83	77	75	79	89	82	82	91	84	70	74	71	69	75	82	73	70	73	70	79	81	84	83		80.3
	Minimum	68	70	70	69	70	65	50	48	52	49	47	53	60	58	57	62	49	45	58	56	55	49	57	43	40	41	42	54	60	55		55.1
Perryville	Maximum	98	95	98	97	96	93	85	90	85	80	84	96	90	94	100	99	78	76	74	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	70	70	68	71	69	63	52	53	52	47	49	54	65	53	63	66	56	44	59	..	..	..	..	..	..	..	..	..	..	..		....
Pine Bluff	Maximum	98	98	98	99	90	88	81	91	88	81	91	96	92	96	99	87	79	79	68	73	84	86	85	78	86	79	86	79	77	75		86.2
	Minimum	75	75	72	77	76	74	65	60	62	54	57	62	71	66	73	69	61	55	61	61	63	57	61	54	52	52	54	65	66	64		63.8
Pocahontas	Maximum	101	89	95	96	92	90	86	88	82	89	87	91	87	85	92	83	73	71	68	74	73	72	84	71	78	80	82	84	87	84		83.8
	Minimum	71	71	70	71	72	65	50	50	53	51	50	55	61	56	68	62	47	45	49	49	47	49	46	47	42	44	49	44	46	53		54.4
Portland	Maximum	94	87	97	100	92	90	87	88	84	84	92	95	92	97	97	90	76	70	70	69	80	84	83	76	78	76	84	80	80	83		85.2
	Minimum	73	74	68	73	74	72	65	60	58	55	55	59	60	67	67	70	65	56	59	63	63	55	57	55	51	50	55	65	70	72		62.9
Prescott	Maximum	100	97	96	97	90	87	88	91	91	86	92	96	94	97	96	94	77	78	72	77	85	88	86	84	86	85	86	82	74	82		87.8
	Minimum	77	73	79	75	73	72	66	62	63	53	56	59	69	64	69	71	61	55	60	62	56	58	61	55	53	54	52	65	66	63		63.1
Rogers	Maximum	93	93	95	85	95	80	80	80	79	79	65	87	83	83	88	73	69	73	81	65	81	83	76	74	80	82	68	67	67	70		79.1
	Minimum	67	69	69	64	69	66	49	54	51	52	55	57	56	50	65	58	54	44	49	54	56	58	48	54	54	56	54	61	60	60		57.1
Russellville	Maximum	100	94	96	93	96	91	86	90	88	82	85	94	89	86	98	98	81	79	76	80	85	90	88	78	86	85	85	83	68	72		86.7
	Minimum	82	74	70	73	63	66	81	54	52	52	50	55	66	52	61	66	57	45	61	63	54	55	55	46	46	48	54	62	63	61		59.6
St. Charles §§	Maximum	97	85	95	99	88	81	85	87	80	84	86	91	90	91	94	75	73	74	65	71	74	84	80	74	80	74	82	77	82	77		82.5
	Minimum	74	72	71	74	72	72	63	56	60	50	52	61	59	66	68	65	58	51	55	58	59	54	57	50	49	47	52	59	64	62		60.3
Searcy	Maximum	96	90	95	94	88	76	80	85	78	75	82	90	88	85	94	88	73	78	72	72	78	83	80	75	80	70	81	74	77	76		81.8
	Minimum	75	73	71	72	72	64	56	54	57	53	52	57	67	61	55	66	56	52	60	60	56	56	60	49	47	48	48	63	65	62		59.9
Sheridan	Maximum	102	95	100	99	96	81	84	89	86	82	87	94	92	94	97	92	77	79	74	76	82	87	82	79	83	80	84	77	73	80		86.1
	Minimum	72	70	66	70	70	62	57	52	55	47	49	55	65	56	65	65	55	46	58	61	57	55	58	50	48	47	49	63	64	61		58.3
Siloam Springs	Maximum	93	96	95	88	91	86	82	81	79	78	78	90	81	89	92	78	72	78	83	84	82	88	79	78	81	79	85	68	68	68		82.3
	Minimum	66	63	64	67	69	59	45	50	47	56	58	58	47	48	66	48	47	40	48	54	52	54	56	46	50	52	49	53	54	60		54.2
Stuttgart	Maximum	102	91	98	102	89	80	84	89	82	80	88	92	93	93	98	87	76	77	66	72	80	85	80	78	82	77	84	79	80	78		84.7
	Minimum	71	70	72	72	73	67	61	54	58	50	52	57	64	62	68	65	55	49	57	58	59	51	58	48	47	45	49	62	62	61		59.2
Stuttgart Evap. §§	Maximum	98	89	95	96	85	79	83	86	80	78	81	91	89	91	94	75	74	73	65	71	78	84	80	75	80	76	82	75	80	80		81.9
	Minimum	73	73	69	71	73	72	62	65	58	51	52	58	62	63	64	63	57	50	52	58	59	52	53	49	47	48	51	52	63	63		59.4
Subiaco	Maximum	96	96	95	88	95	89	85	89	85	79	84	94	88	91	99	91	78	78	76	80	84	90	81	78	84	79	86	78	75	70		85.4
	Minimum	73	..	71	71	68	..	54	54	59	55	55	60	66	54	75	63	55	47	61	58	56	57	64	51	54	..	52	61	64	57		59.8
Texarkana ***	Maximum	98	94	90	91	88	84	86	89	85	86	90	92	92	95	92	76	77	75	73	80	86	86	87	79	85	78	81	76	72	79		84.7
	Minimum	74	73	74	75	73	68	68	66	65	56	55	60	68	64	68	70	62	56	62	62	56	64	62	60	56	58	55	65	68	66		64.3
Turnpike	Maximum	92	87	89	82	87	82	78	81	77	75	72	87	80	88	90	84	70	72	67	68	80	84	68	67	78	74	80	68	69	65		78.0
	Minimum	74	67	69	66	66	58	54	61	54	53	56	61	62	57	67	56	48	45	54	54	51	59	56	46	56	49	53	56	57	57		57.4
Waldron	Maximum	99	99	93	89	94	93	86	89	86	82	88	96	90	96	100	94	76	81	78	81	87	92	86	83	86	81	87	78	68	71		87.0
	Minimum	73	71	70	72	66	65	51	55	54	50	52	58	64	46	66	67	53	41	62	56	54	56	62	50	53	57	57	60	64	61		58.9
Warren	Maximum	98	86	96	98	92	83	86	87	85	82	88	92	92	93	93	90	80	76	66	72	80	84	83	78	81	78	84	80	82	80		84.8
	Minimum	75	74	71	76	72	64	66	60	60	51	55	60	67	70	70	70	62	57	61	60	62	56	59	55	50	52	54	65	67	65		62.9
White Rock	Maximum	96	88	93	86	87	83	81	83	80	73	76	88	85	90	94	86	73	74	79	76	81	85	76	75	81	71	79	70	62	62		80.4
	Minimum	67	66	67	65	65	56	53	60	55	51	56	62	57	54	69	55	48	47	54	55	51	59	56	47	58	50	53	55	55	55		56.7
Wilson	Maximum	97	88	90	94	85	80	81	83	81	76	83	88	86	85	83	80	73	75	75	70	71	84	78	70	77	75	77	81	83	83		81.1
	Minimum	75	69	71	73	72	70	57	54	55	50	54	70	68	65	65	64	56	52	58	59	56	58	61	50	48	48	49	51	58	60		59.9
Wynne	Maximum	101	90	96	97	84	75	82	86	80	77	83	89	86	82	93	87	71	76	72	69	77	80	77	75	77	75	83	80	83	81		82.1
	Minimum	71	70	67	70	69	68	52	50	54	56	49	55	66	65	61	59	53	48	56	56	55	49	56	46	43	40	48	59	61	59		57.0

Daily River Stages for September, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	6.2	6.0	5.9	6.3	6.4	6.8	6.4	6.3	6.6	6.4	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.8	6.0	6.0	5.8	5.5	5.8	5.7	5.7	5.3	5.4	5.4	5.4	5.6
Van Buren	do	22	4.2	3.7	3.6	4.1	4.5	4.2	4.3	4.1	4.7	4.5	4.3	4.1	4.0	3.8	3.8	3.6	3.6	3.6	3.9	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.6
Danville	Petit Jean	20	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3
Ozark	Arkansas	22	1.4	1.3	1.2	1.0	1.0	1.0	1.1	1.1	1.1	1.4	1.4	1.4	1.4	1.1	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7
Dardanelle	do	22	4.1	4.1	3.9	3.6	3.4	3.3	4.0	3.9	3.9	3.8	4.0	4.0	3.9	3.8	3.6	3.6	3.4	3.3	3.3	3.2	3.3	3.4	3.4	3.3	3.2	3.2	3.1	3.0	3.1	3.2
Morrilton	do	20	0.0	0.2	0.1	-0.2	-0.7	-0.4	-0.2	-0.1	0.0	-0.1	-0.2	-0.1	0.0	-0.2	-0.2	-0.1	-0.4	-0.4	-0.4	-0.5	-0.6	-0.6	-0.4	-0.5	-0.6	-0.6	-0.7	0.6	-0.6	-0.6
Little Rock	do	23	2.7	2.8	2.8	2.7	2.6	2.4	2.4	2.4	2.6	2.6	2.5	2.4	2.5	2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8
Pine Bluff	do	25	3.3	3.2	3.1	3.3	3.2	3.1	3.1	3.0	2.9	2.9	2.9	2.9	2.9	3.0	3.1	3.1	3.0	2.9	2.7	2.7	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.1
Gilbert	Buffalo	30	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Black Rock	Black	14	1.8	2.0	2.0	2.1	2.3	2.0	2.1	2.0	1.9	1.7	1.7	1.7	1.7	1.8	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8
Tumbl. Shoals	Little Red	30	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Ozark Beach Mo	White	30	-0.1	-0.3	-0.3	-0.3	-0.2	-0.2	-0.3	-0.3	-0.3	-0.1	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2
Cotter	do	21	1.2	1.0	1.0	1.0	1.0	1.1	1.3	1.5	1.4	1.4	1.3	1.3	1.7	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.8	1.0
Calico Rock	do	18	0.0	-0.2	-0.2	-0.2	0.0	-0.2	-0.1	-0.1	-0.2	-0.2	-0.2	-0.1	0.0	0.1	0.2	-0.1	-0.1	-0.1	0.2	0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.2	-0.1	-0.1	-0.2	-0.2
Batesville	do	23	4.6	4.9	4.7	4.6	4.6	4.7	4.7	4.6	4.7	4.7	4.6	4.6	4.7	4.7	4.8	4.9	4.8	4.6	4.7	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.6	4.6	4.7	4.6
Newport	do	26	-0.3	-0.3	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0.5	-0.6	-0.6	-0.6	-0.4	-0.3	-0.3	-0.4	-0.4	-0.4	-0.3	-0.3	-0.4	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6
Georgetown	do	21	0.2	0.2	0.1	0.1	0.1	0.4	0.4	0.4	0.3	0.2	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.3	-0.3
Des Arc	do	24	3.2	3.2	3.1	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.5	2.5
Clarendon	do	26	7.0	7.0	7.0	6.9	6.9	7.0	7.1	7.0	7.0	7.0	6.9	6.8	6.7	6.6	6.6	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.6	6.5	5.5	6.5	6.5	6.5	6.4	6.4
St. Charles	do	25	7.3	7.3	7.2	7.2	7.2	7.2	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.0	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.7
Glenwood	Caddo	..	5.3	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.5	5.6
Arkadelphia	Ouachita	17	3.4	3.7	3.5	3.5	3.5	3.4	3.4	3.5	3.5	3.4	3.4	3.5	3.4	3.4	3.8	3.7	4.0	3.6	3.4	3.4	3.4	3.4	3.3	3.4	3.4	3.6	3.6	3.4	3.4	4.0
Boughton	Little Mo.	20	2.9	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0
Camden	Ouachita	26	3.8	3.9	3.8	3.8	3.8	3.8	3.9	3.9	3.8	3.8	3.7	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.6	3.6	3.8	3.8	3.6	3.6	3.6	3.5	3.5	3.5	3.6	3.6
Benton	Saline	20	2.5	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
Index	Red	25	5.6	5.6	5.6	5.6	5.6	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.2	6.0	6.0	6.0	5.9	5.9	5.9	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6
Fulton	do	25	5.9	5.9	5.9	5.9	5.9	5.9	6.0	6.1	6.0	6.0	6.2	6.9	6.9	6.6	6.4	6.2	6.0	6.0	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.7
Big Lake Outlet	St. Francis	10	2.7	2.6	2.5	2.6	2.7	2.8	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.7	2.7	2.7	2.9	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.6
St. Francis	do	18	2.7	2.5	2.7	4.3	3.8	3.1	3.6	2.9	2.9	2.8	4.6	5.0	4.7	4.0	7.4	7.1	6.1	6.3	6.3	6.0	5.8	5.5	5.3	5.0	4.8	4.7	4.2	3.6	2.8	2.4
St. Francis L.L.	do	..	14.6	14.5	14.5	14.5	14.5	14.4	14.4	14.4	14.4	14.2	14.0	13.9	13.9	13.9	14.0	14.4	14.4	14.6	14.9	15.2	15.4	15.5	15.6	15.6	15.6	15.5	15.1	14.8	14.5	14.5
Marked Tree	do	17	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.3	2.4	2.4	2.5	2.7	2.8	2.8	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.8
Parkin	do	28	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.5	2.4	2.4	2.4	2.4	2.2	2.2	2.1	2.2	2.2	2.2	2.3	2.4	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.6
Madison	do	32	1.3	1.3	1.2	1.2	1.3	2.5	1.7	1.2	1.2	1.1	1.0	1.0	1.0	1.3	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
Helena	Mississippi	42	8.0	8.2	8.5	8.8	9.0	8.8	8.4	8.2	8.1	8.4	8.5	8.1	7.9	7.8	7.5	7.5	8.0	8.3	8.1	7.8	7.6	7.3	7.0	6.8	6.9	7.4	7.5	7.3	6.9	6.4
Arkansas City	do	42	6.2	6.1	6.0	6.2	6.4	6.6	6.5	6.2	5.9	5.8	5.9	6.0	5.8	5.6	5.5	5.3	5.2	5.4	5.8	5.6	5.4	5.1	4.9	4.7	4.5	4.5	4.8	4.9	4.9	4.6

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ᵃ,ᵇ,ᶜ, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ¹Precipitation is for the 24-hour period, midnight to midnight. ²Precipitation measured in morning; amount recorded is for the preceding 24 hours. ³Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1. Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt. Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut 1, Grove, Cord; White Rock, Cass. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVIII Little Rock, Ark., October, 1943 No. 10

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GENERAL SUMMARY

The month averaged only slightly cooler than normal but was the coolest October since 1937. Temperatures were above normal on the 1st and 2d, 12th, 19th to 23d, 29th to 31st. On other days subnormal temperatures prevailed, with deficiencies of 15° or more on some days. Most stations recorded their lowest temperatures on the 16th and 17th, and the highest during the first decade. Freezing weather occurred in all sections of the State on the 16th or 17th, although some stations did not have freezing temperatures. Sunshine was approximately normal. No destructive winds occurred.

Precipitation averaged slightly above normal for the State, and was the first month since May with an excess. Stations in the western portion of Arkansas recorded over four inches, while some stations in the extreme eastern districts measured less than an inch. General rains fell on the 12th and 13th, 23d and 24th, and 30th and 31st. The heaviest rains fell on the 12th and 13th, when many stations measured over two inches in 24 hours. These rains broke the drought that had prevailed since June over most of the State. There was an average of five days with rain during the month; 16 clear, 8 partly cloudy, and 7 cloudy days. Rivers in the State were at low stages all month.

October weather was favorable for harvesting and plant growth in most sections. Cotton picking, corn gathering and rice harvesting progressed and was mostly completed by the end of the month. The general rains were favorable for plowing, the seeding of winter grains, and growth of late truck and gardens. Some stations reported killing frost on the 16th and 17th, but most sections escaped killing frost during October.

TEMPERATURE

The mean temperature for the State, as determined from the records of 77 stations, was 61.3°, which is 1.5 below the 53 year average for October. The highest monthly mean temperature was 66.4° at Highland, and the lowest was 56.1° at Gilbert. The highest temperature recorded was 90° at Pocahontas and Newport on the 2d, Bethesda on the 11th, and Wynne on the 13th. The lowest temperature was 27° at seven stations in the northern section on the 16th or 17th.

PRECIPITATION

The average precipitation for the State, as determined from the records of 107 stations, was 3.48 inches, which is 0.27 inch above the 53 year average for October. The greatest monthly total was 6.51 inches at Mena, and the least was 0.50 inch at Monticello. The greatest amount recorded in a 24 hour period was 4.40 inches at Springbank on the 12th and 13th.

B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:--1,2,7,10,12,13,15,16,19,20,21,22,23,24,30,31.

Dense Fog:---1,11,12,19,20,21,27,29,30,31.

High Winds:---12,13,20,23,24,26,28,29,30.

Hail:---24.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.39	6	29.63	30	7.0	24	sw.	30	86	61	62	61	150
Little Rock	30.39	6	29.72	30	8.2	29	e.	23	82	48	56	66	140
Memphis .	30.30	5	29.73	13	8.2	21	n.	15	80	51	63	67	172

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	63.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	23	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.03	0.0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	95	18	5.41	0.6	9	13	9	9
1914	63.0	93	21	1.74	0.0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.89	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	13
1919	66.6	98	35	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	58.7	98	13	7.73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1927	66.0	100	30	3.13	0.0	5	22	4	5
1928	66.3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67.1	98	26	2.35	0.0	4	17	7	7
1932	60.8	94	26	3.41	0.0	6	19	4	8
1933	62.6	90	30	2.83	0.0	5	19	7	5
1934	66.2	96	25	0.79	0.0	2	21	7	3
1935	63.9	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0.0	7	16	5	10
1937	60.8	96	17	4.66	T.	8	18	4	9
1938	66.8	105	20	0.94	0.0	3	23	5	3
1939	65.1	98	29	1.71	0.0	3	21	5	5
1940	65.2	95	29	1.91	0.0	5	20	7	4
1941	68.2	96	28	8.11	0.0	13	8	9	14
1942	62.8	90	22	3.19	0.0	5	16	8	7
1943	61.3	90	27	3.48	0.0	5	16	8	7
Period	62.8	105	12	3.21	T.	5	18	6	7

Corrections:-September, Batesville Airway, greatest precipitation in 24 hours, 0.71 inch on 1-2. Booneville, mean temperature 73.8°, departure −1.8°. Fort Smith, minimum temp. on 3d, 75°; maximum temp. on 14th, 91°. Portland, precip. on 30th, 0.10 inch, total for month 3.46 inches, departure +0.97 inch.

NAT. HIST.

Climatological Data for October, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	6	62.6	......	83	1§	32	16	4.19	......	2.65	12–13	0.0	5	15	8	8	e.	L. R. Water Works
Arkadelphia	Clark	200	47	64.2	......	88	2	33	28	4.67	+1.25	3.70	12–13	0.0	3	15	13	3	sw.	George S Dews
Arkansas City	Desha	145	58	......	......	......	......	......	......	2.09	−0.53	0.66	25	0.0	6	22	3	6	......	John W. Trammell
Batesville Airway	Independence	363	6	60.2	− 0.4	87	1§	32	16§	2.56	......	1.20	12–13	0.0	8	17	5	9	s.	Airway Observer
Batesville Livestk.	Independence	....	2	59.4	......	85	1	29	17	3.00	......	0.98	12–13	0.0	5	14	15	2	nw.	University of Arkansas
Batesville River	Independence	277	43	......	......	......	......	......	......	2.78	−0.41	1.50	12–13	0.0	6	18	7	6	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	61.6	− 0.9	88	2	29	16	3.40	−0.16	1.60	13	0.0	4	14	10	7	n.	Miss Minnie Scanlan
Benton	Saline	285	7	58.8	......	89	11	28	16	3.57	......	2.57	12–13	0.0	5	22	9	0	sw.	S. A. Burks
Bentonville	Benton	1295	37	56.5	− 2.7	82	10	29	16	5.37	+1.75	2.18	12–13	0.0	10	15	14	2	n.	E. L, Browne
Bethesda †	Independence	500	3	60.1	......	90	11	28	17	3.03	......	1.00	12–13	0.0	5	15	13	3	nw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	12	......	......	......	......	......	......	1.17	−1.64	0.78	13	0.0	6	15	2	14	......	C. J. Brooks
Black Rock	Lawrence	259	41	......	......	......	......	......	......	3.40	+0.02	1.65	12–13	0.0	7	21	1	9	......	Vernon C. Howe
Bluff City	Nevada	....	2	63.3	......	85	2§	34	17	2.99	......	1.83	13	0.0	4	20	6	5	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	60.0	− 3.4	85	11	31	17	1.12	−2.40	0.49	13	0.0	6	18	7	6	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	28	62.1	− 1.9	85	2§	31	28	4.07	+0.79	1.85	12–13	0.0	9	17	8	6	e.	F. H. Randolph
Boughton †	Clark	235	7	......	......	......	......	......	......	4.04	......	2.40	12–13	0.0	4	15	5	11	......	Mrs. Ruby Brown
Brinkley	Monroe	205	51	60.2	− 2.4	85	21	29	17	2.54	−0.98	2.04	12–13	0.0	6	14	8	9	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	38	......	......	......	......	......	......	3.83	+0.94	1.43	23	0.0	6	11	5	15	......	William Jones
Camden	Ouachita	116	57	62.9	− 1.0	86	1§	32	16§	3.58	+0.59	1.74	13	0.0	4	14	15	2	s.	J. M. Knight
Camp Robinson	Pulaski	463	2	61.7	......	84	10	33	17	3.63	......	2.67	12–13	0.0	7	10	17	4	ne.	U. S Army
Clarendon	Monroe	172	38	......	......	......	......	......	......	1.90	−1.34	1.63	13	0.0	5	13	5	13	......	B. F. Northern
Conway	Faulkner	309	59	63.4	− 0.1	89	10	32	16§	3.85	+0.43	2.18	13	0.0	4	18	9	4	s.	E. E. Cordrey
Corning	Clay	293	49	60.0	0.0	85	1§	28	17	4.26	+0.88	3.00	12–13	0.0	7	18	3	10	nw.	Robert B. Polk
Cotter	Baxter	440	15	......	......	......	......	......	......	3.45	−0.50	1.60	12–13	0.0	7	18	5	8	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	30	62.3	− 3.5	86	11§	28	17	1.68	−1.82	0.78	13	0.0	3	21	7	3	s.	U. S. Forest Service
Danville	Yell	327	26	......	......	......	......	......	......	4.71	+0.87	2.26	12–13	0.0	6	15	12	4	......	J. M. Patterson
Dardanelle	Yell	330	56	62.2	− 1.2	85	10	31	17	4.13	+0.73	1.80	12–13	0.0	5	15	3	13	n.	Geo. N. Goodier
DeQueen	Sevier	426	7	62.4	......	86	2	30	27	3.50	......	2.70	12–13	0.0	4	20	7	4	......	L. D. McCown
Des Arc	Prairie	204	4	61.9	......	87	9§	29	17	4.07	......	3.44	12–13	0.0	3	8	10	13	n.	Z. R. Glenn
Devils Knob †	Johnson	2350	6	56.9	......	75	2	27	16	5.10	......	3.03	12–13	0.0	8	22	1	8	ne.	U. S. Forest Service
Dumas	Desha	162	37	62.6	− 2.6	88	31	31	17	2.15	−1.07	0.86	12–13	0.0	3	13	9	9	n.	Ben Johnson
El Dorado	Union	270	42	63.9	− 2.1	85	1§	35	16	2.97	−0.35	1.50	12–13	0.0	5	21	6	4	s.	Mrs. E. W. Gaston
England	Lonoke	229	36	....	......	......	..	..	..	....	......	....	......	...	......	......	......	...	......	O. V. Halbrook
Eureka Springs	Carroll	1465	42	59.4	− 1.4	83	15	28	16	3.82	+0.11	0.92	12–13	0.0	10	18	8	5	sw,	Geo. W. Nichoalds
Fayetteville	Washington	1334	5	58.8	......	81	10	30	16§	5.52	......	1.26	12	0.0	11	13	8	10	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	55	57.7	− 3.1	80	10	27	16	4.74	+1.04	0.97	1	0.0	10	17	8	6	s.	University of Arkansas
Fordyce	Dallas	280	2	65.5^{b}	......	87^{b}	21	33^{b}	27	2.72	......	1.60	12–13	0.0	4	8	21	2	ne.	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	61.4	− 1.4	81	11	37	28	4.79	+1.80	2.00	12–13	0.0	7	16	8	7	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	5	......	......	......	......	......	......	5.65	......	1.42	12	0.0	5	16	9	6	......	Ft. Smith Water Plant
Fulton	Hempstead	260	57	......	......	......	......	......	......	4.84	+1.98	3.25	12–13	0.0	3	14	8	9	......	Ina J. Logan
Georgetown	White	200	30	......	......	......	......	......	......	4.15	+0.76	3.25	12–13	0.0	4	19	1	11	......	C. G. Long
Gilbert	Searcy	600	17	56.1	......	87	10	27	16	3.59	−1.09	1.60	12–13	0.0	6	18	3	10	nw.	F. E. King
Glenwood	Pike	547	7	......	......	......	......	......	......	3.67	......	2.50	12–13	0.0	3	13	8	10	......	Chas. A. Price
Grannis	Polk	950	23	62.6	− 0.2	85	11	33	16	4.26	+0.04	2.85	12–13	0.0	7	15	10	6	s.	W. E. McVay
Gravette	Benton	1250	45	57.8	− 1.9	88	29	27	16	4.96	+1.23	1.41	23	0.0	7	17	8	6	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	5	61.6	......	85	1	33	17	3.40	......	1.20	13	0.0	4	15	8	8	s.	U. S. Forest Service
Harrison	Boone	1052	42	59.0	− 0.4	84	10	29	28	3.27	+0.14	1.43	12	0.0	5	18	8	5	nw.	J. M. McGaughey
Heber Springs (near)	Cleburne	272	13	......	......	......	......	......	......	2.95	+0.11	1.42	12–13	0.0	6	17	8	6	......	Lester B. Logan
Helena	Phillips	300	70	61.6	− 2.0	83	10§	29	17	0.69	−2.29	0.50	12–13	0.0	4	17	2	12	ne.	James A. Burnett
Highland	Pike	491	23	66.4	− 0.7	86	2	36	26	4.45	+1.28	2.85	12–13	0.0	2	13	14	4	ne.	Clyde Cooley
Hope 3 miles e ‡‡	Hempstead	375	72	62.4	− 3.5	87	21	33	17	3.86	+0.95	2.84	12–13	0.0	4	16	11	4	sw.	University of Arkansas
Hot Springs	Garland	600	51	63.7	− 0.7	86	2	35	16	3.73	+0.30	2.61	12–13	0.0	6	15	14	2	s.	National Park Service
Index †	Little River	275	25	......	......	......	......	......	......	3.10	+0.20	2.25	12–13	0.0	2	21	3	7	......	W. F. McDowell
Jessieville	Garland	750	16	......	......	......	......	......	......	3.46	−0.20	2.35	12–13	0.0	4	16	6	9	s.	U. S. Forest Service
Jonesboro	Craighead	345	47	61.0	− 1.6	86	10	32	17	3.21	−0.25	2.64	13	0.0	7	14	6	11	ne.	Benedictine Sisters
Lead Hill	Boone	650	36	57.8	− 3.0	86	23	27	28	3.29	+0.15	1.38	12–13	0.0	8	20	4	7	s.	J. H. Crosswhite
Little Rock	Pulaski	257	63	62.1	− 1.5	84	10	34	17	4.40	+1.69	3.30	12–13	0.0	7	14	6	11	nw.	U. S. Weather Bureau
Lutherville †	Johnson	775	44	60.4	− 1.9	81	1§	30	16	3.11	−0.89	1.32	12–13	0.0	6	14	4	13	w.	Clarence Lenhardt
Madison	St. Francis	209	12	......	......	......	......	......	......	0.80	−2.25	0.80	13	0.0	1	9	2	20	......	J. W. Eppes
Magnolia	Columbia	315	26	65.9	− 1.0	87	1§	33	16	4.57	+1.72	2.90	12–13	0.0	3	17	12	2	se.	State Agri School
Mammoth Spring	Fulton	600	38	58.8	− 0.4	86	19	27	17	3.36	+0.03	1.46	23–24	0.0	9	18	5	8	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	60.3	− 3.2	86	21	28	17	0.59	−2.66	0.59	13	0.0	1	12	7	12	n.	University of Arkansas
Marked Tree	Poinsett	229	38	58.9	− 2.3	87	20	30	17§	1.85	−2.10	1.29	13	0.0	5	13	15	3	s.	Charles Walton
Marshall	Searcy	1050	..	....	......	81^{p}	18§	31^{a}	17	3.31	......	1.40	12–13	0.0	5	15	12	4	ne.	W. F. Reeves
Mena	Polk	1207	54	62.5	− 0.5	84	11	32	16	6.51	+2.43	1.99	12–13	0.0	6	12	13	6	sw.	E. W. St. John
Monticello	Drew	273	2	63.0	......	85	12	33	17	0.50	......	0.39	23–24	0.0	3	15	8	8	nw	Airway Observer
Morrilton †	Conway	315	26	61.0	− 2.2	85	12	33	16§	3.63	+0.25	1.80	12–13	0.0	5	13	8	10	n.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	......	......	......	......	......	......	4.19	......	1.67	12–13	0.0	9	21	3	7	n.	C. A. Lovell
Mountain Home †	Baxter	800	30	60.0	− 0.5	86	1§	28	17	3.14	−0.70	1.50	12–13	0.0	5	20	1	10	nw.	H. N. Halbert
Mountain Valley	Garland	788	5	......	......	......	......	......	......	4.50	......	2.73	13	0.0	3	13	12	6	s.	C. A. Cockman
Mount Ida	Montgomery	702	43	62.0	+ 0.2	86	2	27	16§	3.95	+0.27	2.18	12–13	0.0	4	12	12	7	ne.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	4	......	......	......	......	......	......	6.05	......	2.80	1	0.0	7	17	3	11	......	Clifton H. Ward
Nashville	Howard	350	4	64.2	......	85	21	34	28	4.45	......	3.11	12–13	0.0	5	24	3	4	s.	Carter Day
Newport	Jackson	231	59	61.8	− 0.2	90	1	31	17	3.60	+0.07	2.55	12–13	0.0	7	15	4	12	w.	W. T. Moyer
Nimrod Dam	Perry	....	1	62.4	......	84	2	31	16	3.22	......	1.59	12–13	0.0	4	16	8	7	w.	U. S. Engineers
Oden	Montgomery	800	15	61.6	......	86	2	32	17§	4.20	+1.33	2.48	12–13	0.0	5	15	11	5	nw.	U. S. Forest Service
Okay	Howard	288	14	63.6	− 2.2	88	21	29	27	6.23	+3.38	4.38	12–13	0.0	3	16	12	3	ne.	Charles R. Jackson
Osceola	Mississippi	250	42	......	......	......	......	......	......	0.74	−2.06	0.37	12–13	0.0	6	19	8	4	......	G. H. Banks
Ozark	Franklin	396	47	60.8	− 2.7	86	2	33	16§	4.72	+1.45	2.68	12–13	0.0	6	15	1	15	nw.	Orkney O. Milton
Paragould	Greene	275	19	58.5	......	84	11	28	17	2.51	−0.44	2.05	13	0.0	6	20	5	6	n.	J. E. Garrett
Parkin	Cross	222	12	......	......	......	......	......	......	0.74	−2.40	0.74	13	0.0	1	16	3	13	......	Carroll King
Perryville	Perry	325	3	......	......	85^{k}	13	30^{i}	16	3.73	+0.23	2.00	12–13	0.0	3	14	13	4	......	Lillie Cranford
Pine Bluff	Jefferson	215	55	64.5	− 0.1	87	10§	35	17	2.80	−0.50	1.72	12–13	0.0	5	14	11	6	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	......	......	......	......	......	......	3.98	−0.70	2.41	12–13	0.0	4	14	12	5	sw.	J. R. Huddleston
Pocahontas	Randolph	300	49	60.1	− 1.6	90	2	29	17	3.67	+0.23	1.76	12–13	0.0	5	15	12	4	sw.	Benedictine Sisters
Portland	Ashley	122	36	64.2	− 0.7	88	11	31	17	2.10	−0.75	1.20	24	0.0	4	19	8	4	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	64.7	− 0.2	85	2§	35	17	3.89	+0.79	2.62	12–13	0.0	9	16	11	4	n.	W. R. Hambright
Rogers	Benton	1300	52	58.0	− 1.8	79	10	28	16	3.97	+0.74	1.39	12	0.0	8	16	8	7	s.	Howard Fowler
Rosebud	Faulkner	680	8	......	......	......	......	......	......	2.73	......	1.70	12–13	0.0	3	19	10	2	n.	G. A. Maddox
Russellville ‡‡	Pope	526	30	62.2^{a}	− 4.4	84^{a}	11	32^{b}	17	5.03	+2.27	2.60	12–13	0.0	5	18	5	8	nw.	U. S. Forest Service
St. Charles	Arkansas	175	9	60.6	......	85	21	31	17	1.22	......	0.62	12–13	0.0	3	14	5	12	n.	U. S. Biological Survey
St. Francis	Clay	290	15	....	....	......	......	......	......	2.07	−1.95	1.28	12–13	0.0	8	21	0	10	......	W. S. Buckley
Searcy	White	245	32	61.3	− 1.3	83	1§	33	16§	4.42	+1.28	2.93	12–13	0.0	6	17	5	9	ne.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	2	62.4	......	85	1§	32	16§	3.20	......	2.18	12–13	0.0	4	12	14	5	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	57.0	......	79	10	28^{a}	16	5.88	......	1.73	30–1	0.0	9	15	10	6	n,	John Brown University
Springbank †	Miller	240	33	......	......	......	......	......	......	5.42	+2.75	4.40	12–13	0.0	4	18	4	9	......	Henry Field
Story	Montgomery	650	18	......	......	......	......	......	......	4.57	+0.72	2.24	12–13	0.0	4	23	2	6	n.	S. C. Story
Stuttgart	Arkansas	214	55	62.2	− 1.2	87	1	31	16	2.10	−1.35	1.70	12–13	0.0	3	22	4	5	n.	Mrs. B. E. Swim
Stuttgart 9 miles e ‡‡	Arkansas	198	7	61.0	......	85^{a}	1§	31^{a}	17	1.66	......	1.20	12–13	0.0	6	......	......	......	......	University of Arkansas
Subiaco	Logan	750	44	62.6^{a}	− 1.0	83	2§	36^{b}	28	4.08	+0.62	1.64	12–13	0.0	9	17	4	10	se.	New Subiaco Abbey

Climatological Data for October, 1943 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	58	65.0	− 0.8	87	21	36	27§	3.58	+0.15	2.10	12	0.0	3	14	14	3	n.	U S. Weather Bureau
Turnpike†	Pope	2240	18	57.8		79	10	28	16	3.55	−1.61	1.64	12−13	0.0	7	17	3	11	ne.	U. S. Forest Service
Waldron	Scott	675	23	61.2		84	2	29	28§	5.12	+1.63	1.87	12−13	0.0	5	15	15	1	nw.	William D. Bivens
Warren	Bradley	206	48	64.0	− 0.4	86	21	32	17	2.13	−1.40	1.10	12−13	0.0	3	12	7	12	nw.	C. N. Turner
Whitecliffs	Little River	290	36							4.93	+1.86	3.00	12−13	0.0	3	22	1	8		L. M. Snead
White Rock†	Franklin	2285	6	56.8		77	2	28	16	4.65		1.96	12−13	0.0	7	21	3	7	ne.	U. S. Forest Service
Wilson	Mississippi	237	17	61.0	− 1.8	84	1	29	17	0.77	−2.54	0.40	13	0.0	3	13	1	12	se.	D. O. Anderson
Wynne	Cross	167	34	60.8[e]	− 1.7	90	13	29[k]	17	1.57	−2.12	1.41	13	0.0	2	17	6	8	sw.	C. B. Bailey.
State Means				61.3	− 1.5	90	2§	27	16§	3.48	+0.27	4.40	12−13	0.0	5	16	8	7	s.	

Daily Precipitation for October, 1943

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott[2]	Arkansas	.47	.07	.91										2.70											.76							.70	5.61
Alum Fork Reser.	Ouachita												T.	2.65		.04						.09			.81						T.	.60	4.19
Arkadelphia[2]	Ouachita							.10						3.70											.87								4.67
Arkansas City[2]	Mississippi			.04			.34	.36						.48	.21	T							T			.66							2.09
Batesville Air'y[1]†	White												.36	.84		.02						.35		.55	.17	T.	T.				.26	.01	2.56
Batesville Livestk[1]	White	T.												.98			.15						.41		.86							.60	3.00
Batesville River[2]	White	.04												1.50			.22					.18			.62							.22	2.78
Beaty Lake	St. Francis	T.											T.	.89		T.						T.		T.	.05	T.	T.			T.	T.	.27	1.21
Bee Branch	Arkansas													1.60		T.						.15			.80							.85	3.40
Beech Grove	White																																
Beedeville[2]	White	T.												3.72			.09					.27			.26							.18	4.52
Benton[2]	Saline												T.	2.57			.04					.05			.70						T.	.21	3.57
Bentonville[2]	Arkansas	.69	.23									.15	.07	2.18		.38						.84		.46	.32						.05		5.37
Bethesda[2]	White													1.00		.20						.35			.82							.66	3.03
Big Lake Outlet[2]	St. Francis													.71	.07		.08					.12	T.		.15	.04	T.	T.				T.	1.17
Black Rock[2]	White													1.65	.14		.12					.28			.80	.02						.39	3.40
Bluff City	Ouachita							.15						1.83								.04			.97								2.99
Blytheville[2]	St Francis													.49		T.	.02					.27			.09	.21		.04					1.12
Booneville 3 mi- w	Arkansas	.05						.44					.04	1.85		.02						.28			.87						.11	.41	4.07
Booneville[2]	Arkansas	.43							.10					1.89	.02							.40			.76							.49	4.09
Boughton[2]	Ouachita							.14	T					2.40								.10			1.40								4.04
Brinkley[1]	White												.29	1.75		T.						.02		.11	.06		T.			T.	T.	.31	2.54
Burdette	Mississippi													.51		.08						.13			.30		.02						1.04
Calico Rock[2]	White	T.												1.40	.26	.25						.27			1.43							.22	3.83
Camden	Ouachita							.47						1.74								.03			1.34								3.58
Camp Robinson[1]	Arkansas												.81	1.86								.05		.45	.25						.05	.16	3.63
Carlisle[2]	Arkansas	T.												2.25			.06					.10			.56	.06						.25	3.28
Clarendon[2]	White													1.62	.01							.06			.20	.01							1.90
Cold Springs	Ouachita								.17					1.86								.52			.70							1.03	4.28
Conway	Arkansas													2.18		.08									.90							.69	3.85
Corning[2]	White													2.75	.25		.08					.05			.65	.17						.31	4.26
Cotter[2]	White	.15												1.60		.23						.21			1.14	.05						.07	3.45
Crossett	Ouachita		T					.16						.78											.74								1.68
Danville[2]	Arkansas	.56												2.26			.03					.35			.78							.73	4.71
Dardanelle[2]	Arkansas	.08												1.80			T					.45			.87							.93	4.13
Denmark[2]	White													2.46			.12					.16			.43							.28	3.45
De Queen	Red	T.											.70	2.00											.75						.05		3.50
Dermott[2]	Mississippi			T.										.74									.07		.77								1.58
Des Arc[2]	White													3.44	T	T.						.07			.56							T	4.07
Devils Knob	Arkansas												.05	2.98		.18					T.	.54		.19	.79						.35	.02	5.10
Dumas	Mississippi												T.	.86								.58			.71		T.						2.15
Eagle Gap[2]	Arkansas	.68	.23											2.45								1.00			1.30							1.09	6.75
El Dorado[2]	Ouachita							.25	.03					1.50								.15			1.04								2.97
Eleven Point[2]	White												T	1.25		.15						.15		T	1.08		T.					.30	2.93
England	Arkansas																																
Eureka Springs	White	.40											.10	.82		.41						.87	.04	.78	.10						.10	.20	3.82
Evening Shade[2]	White	.02												.84		.03	.17					.29			.88							.71	2.94
Fayetteville	White	1.13	.01										.02	1.24		.31					T.	.89	.36	.79	.09						.01	.67	5.52
Fayetteville Exp. S	White	.91	.06										.05	.74		.31					T	.70	.73	.46	.24	T.					.06	.48	4.74
Fordyce	Arkansas							.37						1.60								.05			.70								2.72
Forester[2]	Arkansas	.30												2.10											1.13							1.36	4.89
Fort Smith[1]‡	Arkansas	1.90											1.96	.04		.02					T.		.14	.69	T.						.04		4.79
Fort Smith W.[2]	Arkansas	2.21	1.00											1.42	T		T.					.60			.42								5.65
Fulton[2]	Red								.15					3.25								T			1.44								4.84
Georgetown[2]	White													3.25			.05					.17			.68								4.15
Gilbert[2]	White	.05												1.60		.22						.35			.92							.45	3.59
Glenwood[2]	Ouachita													2.50											1.09							.08	3.67
Grannis	Red												.09	2.76							T.	.26		.20	.88					T	.02	.05	4.26
Gravelly[2]	Arkansas	.29												2.34								.37			.78							1.22	5.00
Gravette	Arkansas	1.06											.33	1.13		.40							.24	1.41							.39		4.96
Green Forest[2]	White												.01	.82		.29						.62		.61	.15						.34	.37	3.21
Green Mountain	White													1.20		T.						.20		T	.90							1.10	3.40
Greenwood[2]	Arkansas	.85	.15											2.30		.07									1.30							.15	4.82
Harrisburg[2]	St. Francis													*	2.12							.25											2.37
Harrison	White													1.43								.66		.51	.38						.29		3.27
Heber Springs[2]	White		.07											1.42		.13						.02			.76							.55	2.95
Helena[2]	Mississippi													32	.18										.16							.03	0.69
Henderson[2]	White		.07											1.10		.26						.15			1.19							.16	2.93
Highland	Ouachita													2.85											1.60								4.45
Hollis	Arkansas													2.15		.03						.11			67							1.23	4.19
Hope	Red							.09	.18					2.84								T		T.	.75							T.	3.86
Hot Springs	Ouachita	.04							T.				T.	2.61		.02						.07			.54							.45	3.73
Huttig[2]	Ouachita								.08					.88	T.										.72								1.68
Index[2]	Red													2.25											.85								3.10
Jessieville	Ouachita													2.35								.05			.73							.33	3.46
Jonesboro[2]	White													2.38	.26		.05					.09			.21	.04		T.				.18	3.21
LaCrosse[2]	White													.95		.21						.24			1.06							.37	2.83
Lake City[2]	St. Francis													*	1.90																		1.90
Lead Hill	White												.02	1.38		.35						.48		.58	.20						.26	.02	3.29

Daily Precipitation for October, 1943 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Little Rock[1‡]	Arkansas						T						1.39	1.91		.08						.08		.78	T.					T.	.04	.12	4.40
Lutherville	Arkansas												T.	1.32		.23						.21			1.02						.08	.25	3.11
Madison[2]	St. Francis													.80	T																		0.80
Magnolia	Red							60						2.90											1.07								4.57
Mammoth Spg[2]	White	30												1.00	.11	.05	.16					.13			1.42	.04						.15	3.36
Marianna[2]	St. Francis													.59											T.								0.59
Marked Tree[2]	St. Francis													1.29			.07					.20			.22							.07	1.85
Marshall[2]	White											T.		1.40	T.							.47		T.	1.06	.02	T				T	.36	3.31
Marvell[2]	White													.65											.45							.15	1.25
Mena[2]	Ouachita	.29	.02										T	1.99								1.52			.87					T.	T.	1.82	6.51
Monticello[1‡]	Ouachita													.11								T.		.05	.34								0.50
Morobay[2]	Ouachita						.39		.44					1.26								.02			.94								3.05
Morrilton[2]	Arkansas													1.80		T.	.08					.10			.95							.70	3.63
Mountainburg	Arkansas	1.31											.13	1.54							.09	.57		.15	.35						.03	.02	4.19
Mountain Home	White												T.	1.50		.18							.12	T.	1.12						.22		3.14
Mountain Valley	Ouachita													2.73											1.40							.37	4.50
Mtn. View[2]	White	T.												.90	.21							.20			.87							.74	2.92
Mount Ida	Ouachita													2.18								.17			1.05							.55	3.95
Mulberry[2]	Arkansas	2.80											.05	1.80		.03						.65			.66							.06	6.05
Nashville	Red	.01						.07					T.	3.11								T.			1.25					T.	.01		4.45
Newhope[2]	Ouachita													2.60								.06			1.90								4.56
Newport[2]	White	.02												2.43	.12		.12					.25			.32						T.	.34	3.60
Nimrod Dam	Arkansas													1.59								.04			.72							.87	3.22
Odell[2]	Arkansas	.94	.29											1.43		.13						.42			1.10							.01	4.32
Oden	Ouachita													2.48		T.						.27			.94						.05	.46	4.20
Okay	Red							.37						4.38											1.48						T		6.23
Osceola[2]	Mississippi													.37	T.		.02					.03	T.		.24	.06		.02					0.74
Ozark[2]	Arkansas	.97											T.	2.68		.11						.16			.74							.06	4.72
Paragould	St. Francis												T.	2.05		.08						.11		T	.18	T.	.01					.08	2.51
Parkin[2]	St. Francis													.74	T.																		0.74
Perryville	Arkansas													2.00											.70						1.03		3.73
Pine Bluff[2]	Arkansas							.37	.03					1.72								.07			.61								2.80
Pine Ridge[2]	Ouachita													2.41								.34			.74							.49	3.98
Pocahontas	White													1.76								.30			.02	1.45						.14	3.67
Portland[2]	Ouachita			.10										.75	.05										1.20								2.10
Prescott[2]	Ouachita							.07	.12					2.62								T.			1.08								3.89
Red Star	White													....							1.05	.09	T.		.75					T.	.75		....
Rogers	White	.48	T.										*	1.39		.38					.60		.12	.38	.09						.53		3.97
Rosebud	Arkansas													1.70		.07									.96								2.73
Russellville	Arkansas													2.60		.12						.22			.93							1.16	5.03
St. Charles[2]	White													.62								.03			.57			T.					1.22
St. Francis[2]	St. Francis													.92	.36		.08					.13			.27	.08		.04				.19	2.07
Searcy[2]	White	T.												2.93			.08					.09			.67	.02						.63	4.42
Sheridan	Ouachita													2.18		11						.06			.85							T.	3.20
Shirley[2]	White													1.33		.17						.35			.80							1.07	3.72
Siloam Springs	White	1.73	.01										1.51	.60		.32						.18	.08	.75							.70		5.88
Sparkman[2]	Ouachita							.67						1.95											.93								3.55
Springbank[2]	Red	T								.03			T.	4.40								.03			96								5.42
Stamps[2]	Red							.30						2.10							T.				1.00								3.40
Stephens[2]	Ouachita							.45						3.00											1.66								5.11
Steve	Arkansas													1.90											1.02							1.15	4.07
Story[2]	Ouachita													2.24								.15			1.18							1.00	4.57
Stuttgart[2]	Arkansas													1.70								.04			.36								2.10
Stuttgart Evap.[2]	Arkansas	.04												1.20	.01							.06			.34	.01							1.66
Subiaco	Arkansas		T.					.02					.04	1.60		.06						.51	.05		1.34						.20	.26	4.08
Sugar Grove[2]	Arkansas	.10						.20						1.60								.34			.80							1.10	4.14
Texarkana[1]	Red							T.				T	2.10	.82								T.		T	.66						T.		3.58
Tichnor[2]	White	.04												.78	.02								.04		.74	.01							1.63
Turnpike	Arkansas												T	1.64		.14						.15	.12		1.09						.30	.11	3.55
Viola	White													.80	.12	.28						.12			1.27								2.59
Waldron	Arkansas	.47												1.87								.37			1.44							.97	5.12
Walnut Grove	White												T.	1.80								.23	T.		.55								2.58
Warren	Ouachita							T.						1.10								.05			.98								2.13
Whitecliffs[2]	Red								.10					3.00											1.83								4.93
White Rock	Arkansas	.80											.12	1.96		.12					T.	.70		T.	.55						.40		4.65
Wilson[2]	Mississippi													*	.40											.32		.05					0.77
Wynne[2]	St. Francis													1.41								T.			.16								1.57

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for October, 1943

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda §§	Evap.	.051	.127	164	.168	.220	.213	.124	.110	.187	.180	.571	.240	....	.255	.131	.116	.124	.125	.150	.161	*	.472	.269	.125	.064	.060	.036	.224	.118	.102	·212	5.099
	Mean tem.	74	62	65	60	56	61	62	65	62	64	67	72	64	56	50	42	50	58	70	71	68	59	60	55	50	47	50	52	54	64	66	60.1
	Wind move	22	28	1	76	55	51	45	41	32	12	27	53	77	44	26	95	48	23	114	18	99	21	55	35	91	93	108	36	28	99	83	1656
Hope, Exp. Farm §§	Evap.	.054	.104	.189	.158	.196	.156	.082	.029	.118	.131	.111	.143	.142	.164	.114	.141	.130	.097	.113	.137	.080	.161	.147	.161	.172	.143	.077	.087	.058	.090	.121	3.839
	Mean tem.	72	74	70	65	59	61	62	64	64	65	66	66	65	69	54	50	52	57	60	67	74	68	68	60	55	48	49	52	58	68	74	62.4
	Wind move	16	29	60	62	58	56	38	16	22	19	11	30	61	59	27	60	40	22	41	29	51	31	27	45	82	87	64	41	31	63	78	1356
Nimrod Dam	Evap.	....	....	....	....	....	....	....	125	.222	.132	.096	.269	.140	.134	.099	.146	.107	.148	.148	.148	.112	.152	.151	.098	.058	.086	.103	.117	.053	.129	.147	3.120
	Mean tem.	73	62	67	63	59	60	64	60	64	64	64	70	68	60	56	47	52	60	68	72	71	62	68	65	54	51	51	52	54	70	65	62.4
	Wind move	....	....	....	....	....	....	....	19	13	24	34	42	97	18	33	39	15	42	35	70	23	6	16	77	44	23	51	16	35	58	48	878
Russellville	Evap.	....	.102	.260	038	.271	.020	.181	.069	.117	*	.260	.106	.420	.132	.138	.156	.032	.134	.086	.124	.103	.181	.124	.166	.060	.090	.064	.070	.077	.065	.560	4.206
	Mean tem.	72	72	72	....	60	62	62	61	67	....	64	72	67	58	62	50	50	60	66	71	64	62	66	66	52	50	50	52	57	66	69	62.2
	Wind move	6	12	23	16	16	12	10	11	12	*	20	19	54	15	....	....	12	15	16	33	29	10	15	46	20	41	31	13	*	40	30	577*b
Stuttgart, Rice Exp. Farm §§	Evap.	.057	.188	.096	.196	.199	.095	.208	.132	.216	.137	.119	.161	.106	.125	.100	.045	.101	.071	.156	.101	.123	.151	.195	.130	.060	.070	.072	*	.179	.078	.150	3.817
	Mean Tem.	74	70	67	61	58	58	66	61	62	64	66	67	65	58	50	44	46	59	62	67	69	64	66	59	50	48	....	....	56	67	70	61.0
	Wind move	3	25	54	65	53	61	45	2	6	13	6	32	106	69	6	49	36	9	62	41	57	34	51	65	46	28	65	*	78	106	96	1369

Daily Temperatures for October, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork........	Maximum	83	83	80	74	73	74	72	79	78	83	82	80	75	76	70	59	69	78	79	80	81	76	79	75	58	52	61	68	76	76	82	74.5
	Minimum	62	63	59	55	49	54	57	49	49	49	49	61	58	43	43	32	33	41	54	61	58	50	49	56	48	44	40	38	43	63	60	50.6
Arkadelphia ....§§	Maximum	87	88	83	84	83	83	83	83	84	83	84	83	83	83	68	68	81	83	83	83	86	83	84	67	63	62	81	69	83	83	83	80.1
	Minimum	63	60	59	55	52	47	53	44	44	46	48	50	58	43	43	35	34	39	40	53	57	52	54	54	47	46	43	33	34	47	61	48.2
Batesville Air..***	Maximum	87	78	79	76	73	76	78	83	83	87	87	78	70	75	54	57	67	78	79	81	81	76	75	58	54	52	64	69	70	78	80	73.6
	Minimum	61	60	55	48	41	47	44	44	47	44	48	60	44	43	36	32	32	45	54	57	49	41	49	46	42	45	40	36	45	60	54	46.7
Batesville, Livestk.	Maximum	85	77	76	72	72	74	78	82	83	84	84	77	69	75	54	56	66	78	80	81	79	75	74	57	54	53	62	67	71	77	79	72.6
	Minimum	60	58	56	49	43	43	42	44	49	42	47	51	58	39	45	32	29	39	50	56	56	39	45	52	42	42	40	35	38	52	55	46.1
Bee Branch........	Maximum	86	88	80	78	75	78	79	84	83	85	84	81	76	77	74	57	65	76	78	79	81	80	79	73	56	55	64	66	70	75	79	75.5
	Minimum	63	62	59	47	42	50	49	45	50	45	48	62	58	40	47	29	30	38	50	55	54	46	53	53	41	42	38	32	38	54	55	47.6
Benton ....§§	Maximum	87	79	80	75	73	75	75	80	81	82	89	86	73	74	62	58	68	78	81	81	84	77	78	82	56	53	62	67	78	81	82	75.4
	Minimum	58	56	57	49	41	42	48	40	39	39	38	42	56	38	38	28	29	35	36	44	44	44	46	46	40	39	35	30	30	43	58	42.2
Bentonville .....§§	Maximum	70	76	74	71	69	69	74	75	78	82	79	70	65	78	54	55	70	78	79	73	74	75	59	57	48	50	59	68	77	72	77	69.5
	Minimum	61	59	50	43	40	39	40	44	43	45	47	53	50	41	41	29	30	33	47	59	50	44	46	49	40	38	32	30	31	48	46	43.5
Bethesda...........	Maximum	87	76	75	72	71	80	83	87	80	88	90	89	68	74	55	55	72	78	86	84	78	80	74	64	58	52	60	71	70	77	80	74.6
	Minimum	60	58	55	48	40	42	41	43	45	39	44	51	60	38	46	30	28	38	53	58	58	38	46	52	42	42	39	33	38	52	53	45.6
Bluff City..........	Maximum	83	85	81	75	72	75	72	79	80	82	84	81	79	76	70	63	69	78	80	82	85	81	83	75	62	55	63	68	80	82	83	76.2
	Minimum	63	62	59	63	46	50	56	49	49	50	51	62	58	45	47	36	34	48	52	58	63	56	55	58	46	45	35	36	50	62	64	51.5
Blytheville........	Maximum	84	78	80	67	70	73	68	79	80	84	85	79	76	74	67	56	62	76	77	82	81	74	70	60	52	50	57	65	72	77	79	72.1
	Minimum	63	60	56	46	41	47	43	46	50	49	50	61	62	55	50	32	31	40	47	54	58	43	46	49	40	40	38	31	42	57	55	47.8
Booneville	Maximum	78	85	78	74	72	76	74	82	82	85	82	78	75	78	73	61	73	82	82	80	83	75	78	72	57	52	64	72	78	78	82	75.5
	Minimum	64	62	57	48	43	42	55	43	44	45	50	62	55	40	50	32	33	45	55	65	53	46	58	54	45	43	34	31	41	64	52	48.7
Brinkley ....***	Maximum	85	81	78	72	73	73	80	82	84	84	84	81	71	74	56	58	66	61	79	81	85	77	81	65	55	52	63	67	76	79	80	73.6
	Minimum	59	62	59	49	43	52	45	37	43	43	45	57	47	42	39	32	29	43	48	54	63	42	53	45	41	44	37	33	43	62	61	46.8
Camden.	Maximum	86	86	83	76	74	79	77	80	81	82	81	82	81	78	78	67	71	80	80	84	83	76	83	82	62	55	54	69	80	80	84	77.2
	Minimum	60	59	57	51	43	48	56	44	44	47	48	58	58	41	44	32	32	39	48	54	60	50	50	58	45	44	37	33	40	64	64	48.6
Camp Robinson ***	Maximum	84	83	77	73	71	74	76	80	81	84	84	79	76	75	73	62	66	78	78	82	81	76	70	68	56	53	64	69	78	77	82	74.5
	Minimum	58	58	57	53	47	53	53	52	52	42	49	60	52	45	42	35	33	42	48	57	56	52	51	49	43	40	37	39	43	61	57	48.9
Conway	Maximum	84	88	84	77	75	75	79	82	85	89	87	79	87	76	68	63	70	80	84	84	87	79	83	74	60	56	68	73	75	79	85	77.9
	Minimum	62	64	56	49	43	49	52	55	52	46	48	63	58	42	47	32	32	40	50	61	56	44	51	54	43	44	36	34	42	59	56	49.0
Corning	Maximum	85	81	83	69	71	71	77	81	81	84	85	79	77	73	67	57	65	76	82	82	80	78	67	59	63	57	61	66	73	78	80	73.8
	Minimum	56	60	56	46	40	46	38	42	46	42	46	58	55	42	51	34	28	38	47	52	57	39	43	51	42	43	39	31	44	58	58	46.1
Crossett	Maximum	85	85	89	78	75	73	68	79	82	83	86	85	80	79	70	65	70	78	82	83	86	85	85	75	63	56	65	70	80	81	84	77.3
	Minimum	57	63	58	50	45	54	52	42	48	44	45	56	59	39	40	29	28	36	45	54	58	53	55	57	42	39	33	30	41	54	60	47.3
Dardanelle........	Maximum	82	79	78	78	77	75	74	81	82	85	84	79	76	76	77	62	72	82	83	79	82	81	77	73	58	54	65	71	75	79	83	76.1
	Minimum	62	62	57	50	45	47	51	45	45	45	49	62	57	41	50	33	31	37	50	60	58	45	52	55	44	45	37	32	41	56	56	48.3
De Queen....	Maximum	77	86	82	78	73	77	72	80	80	80	82	78	75	76	71	62	68	70	80	78	81	78	80	75	64	60	63	69	79	75	81	75.2
	Minimum	66	64	55	52	43	42	55	46	46	48	52	58	55	41	50	32	35	43	55	61	59	55	56	57	43	38	30	32	44	63	61	49.6
Des Arc	Maximum	84	84	84	76	76	77	77	84	87	87	83	82	78	74	73	57	70	77	79	81	83	82	80	78	59	53	62	67	76	78	81	76.4
	Minimum	59	62	58	50	46	51	49	41	44	43	49	60	57	41	45	30	29	41	43	55	60	45	48	49	42	41	38	33	42	59	59	47.4
Devils Knob.......	Maximum	72	75	70	67	63	67	69	72	73	74	74	67	64	71	62	52	64	72	72	69	72	70	68	62	47	42	56	59	69	65	71	66.1
	Minimum	59	58	52	48	43	45	53	52	53	57	58	55	48	47	39	27	34	45	55	55	52	50	50	45	35	35	31	37	49	58	54	47.7
Dumas	Maximum	85	83	78	74	75	73	78	81	84	84	86	85	78	75	65	58	69	80	82	85	85	80	85	72	61	54	64	71	80	84	88	76.8
	Minimum	60	58	55	50	42	52	54	44	45	46	48	60	58	43	45	32	31	39	47	49	56	45	62	58	43	42	40	34	43	58	62	48.4
El Dorado	Maximum	85	83	81	77	74	75	74	78	79	83	85	82	78	76	70	64	67	80	80	82	85	85	83	74	62	54	64	69	80	82	82	76.5
	Minimum	62	60	60	54	45	51	56	48	50	52	53	55	58	45	47	35	54	45	48	59	62	58	56	59	47	43	37	37	49	51	53	51.3
England......... .	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs ...	Maximum	76	75	74	71	68	71	73	78	78	83	81	73	69	80	70	55	70	80	81	75	73	75	60	54	54	47	59	67	81	74	76	71.0
	Minimum	61	60	50	45	40	41	46	47	46	50	55	58	51	45	42	28	33	49	61	60	52	49	49	48	41	38	33	34	53	62	51	47.7
Fayetteville.	Maximum	72	77	75	73	70	71	73	76	77	81	79	74	70	78	71	56	69	79	79	73	75	77	63	57	54	48	59	67	77	74	77	71.0
	Miuimum	62	59	54	45	42	39	45	42	43	42	47	62	51	40	44	30	32	50	60	62	52	42	52	48	40	38	31	30	50	62	49	46.6
Fayetteville Exp. S	Maximum	71	76	73	71	68	71	71	76	77	80	79	75	69	78	69	54	68	77	78	75	72	74	64	57	52	48	57	67	76	73	75	70.0
	Minimum	60	58	52	44	41	39	44	41	40	43	46	60	50	40	43	27	29	47	60	61	49	43	53	47	39	37	29	29	48	62	47	45.4
Fordyce............	Maximum	78	86	81	77	75	77	70	81	83	83	84	81	79	..	68	..	70	78	79	83	87	81	83	74	64	53	65	69	79	78	82	76.8
	Minimum	64	60	58	53	45	50	55	61	54	53	54	65	58	..	55	..	61	56	54	59	63	51	63	59	44	42	33	37	50	61	55	54.2
Fort Smith.....***	Maximum	71	81	78	74	70	71	71	77	78	78	81	75	67	76	59	58	70	80	80	75	78	69	70	59	53	50	58	70	78	74	77	71.2
	Minimum	65	66	61	55	51	49	56	51	51	51	56	61	51	46	43	38	39	48	59	66	56	53	58	49	44	44	39	37	46	60	55	51.7
Gilbert...........§§	Maximum	80	79	78	73	71	73	72	81	82	87	85	75	63	50	55	59	71	79	83	79	80	78	71	56	54	52	64	66	70	76	78	71.6
	Miuimum	58	54	50	40	36	35	38	35	35	35	41	46	52	44	38	27	28	31	37	65	50	37	38	53	39	42	35	28	32	32	48	40.6
Grannis............	Maximum	78	84	81	75	72	77	77	83	84	80	85	74	73	79	68	63	70	78	79	75	83	77	77	67	63	53	64	69	88	72	80	75.1
	Minimum	64	62	59	53	43	49	57	51	47	45	54	63	52	43	49	33	36	43	53	60	60	53	53	56	43	37	35	35	45	60	61	50.1
Gravette...........	Maximum	68	75	75	72	68	71	73	76	77	77	81	70	67	79	68	56	59	79	79	72	74	76	62	60	55	50	59	69	77	72	76	70.4
	Minimum	61	59	49	43	41	41	43	40	41	42	40	57	50	41	42	27	32	44	6	63	52	46	50	48	38	36	30	29	51	60	47	45.3
Green Mountain. ..	Maximum	85	83	75	70	75	75	80	73	77	80	80	83	75	68	65	69	61	74	75	84	75	75	76	74	64	58	55	60	75	80	80	73.5
	Minimum	63	60	50	46	48	47	51	47	51	54	56	57	55	49	51	47	33	45	50	52	55	52	55	50	44	40	38	40	45	55	58	49.8
Harrison	Maximum	82	75	77	75	70	72	75	78	79	84	81	75	71	78	69	55	71	80	81	76	74	77	68	55	51	49	60	71	80	76	80	72.4
	Minimum	60	60	54	43	38	41	45	43	43	42	47	63	55	38	44	30	50	43	53	62	49	38	49	50	43	40	35	29	40	62	47	45.7
Helena...	Maximum	81	77	76	69	69	71	73	79	82	83	83	81	78	74	68	54	63	74	80	81	83	78	81	68	56	50	58	67	75	77	77	73.1
	Minimum	62	64	58	51	45	54	52	47	48	50	51	60	59	44	46	30	29	45	52	55	60	55	53	52	40	43	44	37	46	58	61	50.0
Highland....... ..	Maximum	84	86	83	76	72	75	72	82	83	83	83	81	79	76	71	70	68	71	79	80	83	80	81	73	64	65	57	68	77	80	83	76.3
	Minimum	64	64	64	64	64	50	64	52	62	64	66	63	64	63	54	53	39	44	55	64	64	64	64	58	44	36	41	39	51	54	62	56.6
Hope ....§§	Maximum	82	86	80	75	72	75	72	80	82	82	84	81	72	79	66	63	71	79	82	83	87	83	83	67	63	53	64	70	80	79	83	76.1
	Minimum	62	61	59	55	46	47	52	47	47	48	49	50	58	42	43	36	33	35	47	51	60	54	54	54	47	43	34	35	37	56	64	48.6
Hot Springs........	Maximum	78	86	80	78	75	76	75	81	82	81	84	76	75	78	70	63	69	79	78	81	83	79	83	75	57	54	65	69	78	75	82	75.6
	Minimum	62	61	57	54	41	51	50	50	53	53	53	60	57	42	52	35	36	49	56	61	63	56	56	56	47	43	37	40	52	63	61	51.8
Jonesboro	Maximum	85	80	75	71	70	72	77	80	81	86	85	81	77	74	68	55	64	76	80	81	80	74	67	63	54	52	60	66	72	78	80	73.0
	Minimum	59	63	59	51	47	54	45	49	49	48	49	58	59	44	44	33	32	40	47	57	57	46	51	53	44	43	42	36	47	61	56	49.1
Lead Hill..........	Maximum	81	77	77	72	70	74	77	78	79	84	83	78	74	76	61	53	69	81	83	80	74	75	86	57	52	49	59	70	81	76	80	73.1
	Minimum	62	57	51	40	35	35	39	39	38	38	43	59	55	36	44	29	28	36	43	57	48	34	50	51	36	41	36	27	34	50	44	42.4
Little Rock..* **	Maximum	83	82	77	73	71	74	77	81	81	84	82	80	71	73	59	57	64	77	79	82	82	76	79	63	58	52	62	68	78	77	82	73.7
	Minimum	66	65	60	53	51	56	52	52	53	48	50	61	52	44	42	37	34	42	50	58	56	52	52	52	48	43	41	37	43	63	54	50.5
Lutherville........	Maximum	81	80	76	75	71	76	72	77	77	81	80	75	73	75	69	60	68	79	80	73	81	75	75	72	55	50	63	63	73	76	80	72.9
	Minimum	60	68	59	50	44	48	51	47	47	48	50	59	54	40	47	30	31	42	52	60	53	48	55	55	40	42	36	31	37	45	52	47.8
Magnolia..........	Maximum	87	87	83	83	82	79	80	81	83	85	86	84	80	78	72	65	69	81	83	84	85	85	84	76	65	65	64	72	80	81	85	79.2
	Minimum	62	63	61	56	54	47	57	47	48	50	52	68	58	43	60	33	35	46	55	61	61	60	58	58	46	45	35	35	50	63	64	52.6
Mammoth Spring.	Maximum	80	76	76	70	70	73	76	79	79	82	85	76	74	76	66	66	66	71	83	86	78	74	76	63	54	65	67	77	75	75	80	74.0
	Minimum	60	58	58	43	38	43	38	42	41	40	43	53	53	39	44	32	27	35	43	56	53	32	29	45	43	40	30	36	53	54	50	43.6
Marianna.......§§	Maximum	83	80	74	71	71	70	74	80	82	85	84	81	71	73	60	56	66	84	81	81	86	78	80	63	54	50	60	68	79	80	79	73.7
	Minimum	60	60	58	50	43	50	42	40	44	48	48	51	62	42	44	33	28	42	48	51	53	50	51	56	41	44	43	33	42	49	49	46.9
Marked Tree....§§	Maximum	86	80	74	70	72	74	78	81	82	84	84	82	71	72	57	54	63	76	80	87	81	76	76	59	62	50	59	67	76	78	79	73.2
	Minimum	56	57	57	46	40	42	46	43	42	45	47	47	60	44	47	32	30	30	41	48	53	43	43	51	42	43	43	33	33	41	59	44.6
Marshall...........	Maximum	78	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	79	81	81	80	76	75	64	56	54	62	69	73	76	76	....
	Minimum	61	57	54	44	39	42	47	48	45	43	52	56	41	39	..	35	31	50	59	62	57	41	57	51	43	41	34	32	51	63	58	47.8
Mena..............	Maximum	79	81	77	73	70	74	74	79	83	82	84	76	71	82	73	60	73	80	80	73	82	79	78	72	58	49	63	71	78	77	80	74.5
	Minimum	62	61	59	54	49	46	55	47	48	48	51	63	52	41	50	32	33	47	59	63	61	50	55	52	47	41	33	33	52	63	59	50.5
Monticello......***	Maximum	84	80	79	74	74	75	72	80	83	83	84	85	74	73	69	58	69	78	80	83	85	81	83	69	55	52	62	69	78	80	74	75.0
	Minimum	63	66	60	54	49	56	54	46	49	50	57	64	51	46	44	34	33	43	54	58	63	57	56	52	45	39	37	36	48	58	62	51.1
Morrilton ....§§	Maximum	82	74	79	78	72	75	75	80	79	83	83	85	70	75	60	59	66	78	80	80	80	80	78	65	55	56	65	77	78	78	81	74.4
	Minimum	62	62	62	54	44	49	53	48	53	45	47	48	59	43	48	33	33	43	45	51	57	44	45	57	45	45	36	34	38	39	53	47.6
Mountain Home...	Maximum	86	78	81	75	74	77	80	80	81	86	85	78	77	78	63	58	70	80	83	81	78	77	66	63	54	51	60	70	80	80	81	74.5
	Minimum	60	62	56	60	45	42	40	41	40	40	46	60	57	38	43	31	28	39	50	60	47	36	52	47	41	42	37	30	39	49	52	45.5
Mt. Ida............	Maximum	79	86	79	75	77	74	76	82	82	84	80	82	77	78	67	62	71	80	80	81	84	80	81	69	61	52	65	71	71	79	83	75.7
	Minimum	60	56	53	44	46	47	58	37	40	44	51	56	57	55	46	27	27	48	55	63	54	46	58	54	49	43	29	36	45	52	58	48.2
Nashville..........	Maximum	83	84	81	76	72	75	71	81	82	82	83	81	84	77	71	64	70	78	80	81	85	79	80	82	66	60	66	70	80	78	84	77.0
	Minimum	64	65	61	58	51	49	56	46	48	51	51	64	58	45	51	35	37	43	51	58	58	57	55	58	47	41	36	34	45	56	62	51.3
Newport...........	Maximum	90	82	76	73	74	78	78	81	83	86	87	89	76	75	62	56	65	78	78	82	81	77	77	65	57	54	64	69	74	78	82	75.1
	Minimum	62	62	60	52	45	51	45	42	46	44	46	60	61	42	48	35	31	39	49	54	60	42	47	53	44	44	44	36	45	60	59	48.6

Daily Temperatures for October, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Nimrod Dam	Maximum	83	84	78	76	75	73	76	80	81	83	82	78	77	78	63	63	71	79	81	79	83	80	81	75	61	57	64	71	76	78	81	75.7
	Minimum	63	60	56	50	43	47	51	41	46	46	47	63	59	41	48	31	33	42	54	64	59	44	55	55	47	45	38	32	43	63	56	49.1
Cdeu ***	Maximum	82	86	81	78	74	75	71	79	80	82	82	78	71	80	62	60	72	79	80	80	82	78	78	61	58	53	63	71	78	75	81	74.5
	Minimum	63	63	58	51	45	43	50	44	44	46	50	61	45	40	41	37	32	48	58	65	50	47	56	52	46	48	37	32	43	62	49	48.6
Okay	Maximum	86	86	86	79	74	75	74	80	83	83	83	80	75	80	72	68	70	80	82	85	88	83	85	75	67	58	67	71	81	80	83	78.0
	Minimum	64	59	57	54	44	40	55	45	44	45	50	63	59	41	46	31	34	42	52	59	60	55	55	58	41	42	29	30	41	64	63	49.1
Ozark	Maximum	80	86	80	78	72	74	71	72	79	82	81	74	75	76	65	58	65	79	79	79	79	74	72	71	59	51	60	67	75	78	80	73.3
	Minimum	64	63	58	48	46	45	43	44	45	48	50	61	60	42	50	33	34	44	53	51	54	47	59	54	43	43	36	33	40	56	54	48.4
Paragould	Maximum	83	79	75	68	69	73	75	78	79	81	84	78	75	70	63	54	60	74	78	80	77	71	68	60	56	51	58	63	69	72	77	70.9
	Minimum	54	59	57	49	42	51	46	43	48	43	45	53	60	41	44	34	28	37	43	48	55	40	45	50	43	43	41	32	39	60	56	46.1
Perryville	Maximum	..	..	..	..	..	..	..	..	..	..	..	85	85	80	75	65	75	80	80	80	80	75	80	75	60	55	65	75	75	80	83	....
	Minimum	..	..	..	..	..		..	..	..	..	..	..	55	45	55	30	..	35	45	60	55	40	50	55	40	45	35	35	35	60	53	....
Pine Bluff	Maximum	82	83	79	77	76	78	76	81	81	87	87	86	78	77	67	66	71	79	83	83	86	80	83	74	60	53	60	70	80	80	77	76.8
	Minimum	64	63	59	54	47	51	58	54	51	51	52	67	60	57	50	37	35	47	55	59	65	55	54	59	48	45	39	39	47	47	47	52.2
Pocahontas	Maximum	87	90	80	76	74	77	80	83	83	85	86	78	70	74	72	59	64	77	78	81	80	83	69	62	55	53	62	67	78	79	78	74.8
	Minimum	51	45	[illegible]	50	44	51	46	46	50	43	47	55	59	42	43	34	29	37	46	45	51	40	46	50	44	43	41	35	40	41	55	45.4
Portland	Maximum	85	83	77	75	75	74	75	80	85	87	88	85	78	77	72	58	68	77	82	84	81	84	85	80	62	55	63	71	80	80	82	77.0
	Minimum	72	65	58	53	46	53	54	45	45	47	49	60	61	46	46	34	31	41	49	55	59	55	59	65	48	49	43	36	53	56	65	51.4
Prescott	Maximum	83	85	83	79	73	75	74	80	82	82	85	81	80	77	76	65	69	79	81	81	85	85	84	78	65	56	65	69	79	78	84	77.4
	Minimum	62	63	59	56	49	53	56	48	49	50	53	64	58	44	49	38	35	46	53	58	62	55	55	57	47	45	37	37	46	62	65	52.0
Rogers	Maximum	75	70	73	69	68	69	70	73	75	79	78	79	67	73	62	53	63	70	76	71	71	73	62	55	47	48	53	67	77	72	73	68.1
	Minimum	60	60	51	45	44	46	45	46	46	47	57	59	50	40	40	28	32	49	60	60	52	46	50	45	40	38	30	47	50	59	60	47.8
Russellville	Maximum	81	81	81	78	76	75	74	79	80	..	84	80	76	76	76	61	68	81	82	81	81	80	77	76	58	55	63	70	74	79	82	75.5
	Minimum	63	63	63	..	44	48	51	43	54	..	45	64	58	41	48	39	32	40	51	61	46	44	55	55	45	45	38	33	40	54	56	48.9
St. Charles §§	Maximum	74	80	77	68	72	71	78	80	78	83	84	83	73	68	57	60	67	77	80	80	85	78	82	64	55	52	62	68	76	80	80	73.3
	Minimum	61	59	58	51	43	48	50	44	46	47	47	53	62	44	45	34	31	41	46	50	53	47	50	55	44	44	41	36	40	52	61	47.8
Searcy	Maximum	83	78	76	73	70	73	76	79	81	82	83	89	77	72	67	55	64	70	77	80	80	75	77	70	57	53	61	67	72	77	80	73.1
	Minimum	62	66	60	51	46	53	53	47	46	45	49	62	59	44	49	33	33	38	49	58	60	48	50	52	44	44	41	36	40	58	57	49.5
Sheridan	Maximum	85	85	83	73	72	74	76	81	84	85	85	80	80	75	65	58	69	79	80	83	84	78	81	78	60	53	62	68	79	76	83	75.9
	Minimum	60	57	55	53	45	49	53	46	48	49	52	62	58	42	45	32	32	40	51	58	61	46	49	52	42	44	35	39	43	60	60	49.0
Siloam Springs	Maximum	68	75	74	70	67	70	72	75	77	79	77	75	70	77	66	53	67	77	76	70	75	71	63	57	52	50	57	67	76	72	75	69.4
	Minimum	60	57	47	41	38	42	44	39	41	43	47	51	48	48	41	28	30	41	59	63	49	47	51	49	40	38	32	29	48	..	48	44.6
Stuttgart	Maximum	87	83	78	74	74	76	78	78	84	86	86	84	77	75	65	56	66	79	81	82	85	78	83	74	58	53	63	68	79	80	82	75.9
	Minimum	59	59	56	49	43	52	53	46	46	45	48	67	56	42	46	31	32	42	43	52	60	50	49	55	43	44	38	36	43	60	59	48.5
Stuttgart Evap. §§	Maximum	85	80	77	72	73	72	77	81	82	85	85	85	72	74	59	54	67	77	80	82	84	78	81	63	57	52	..	67	78	79	80	74.6
	Minimum	62	61	57	50	44	45	54	41	43	44	48	49	58	42	42	34	30	41	44	52	54	50	51	55	44	44	39	..	33	55	60	47.5
Subiaco	Maximum	80	83	79	75	72	74	72	78	78	80	83	76	75	77	65	58	69	82	83	78	79	72	77	69	56	52	61	70	80	78	81	73.9
	Minimum	64	61	59	52	47	48	54	51	50	49	53	63	57	49	51	41	41	42	54	..	59	51	56	..	45	44	48	36	43	59	55	51.2
Texarkana ***	Maximum	81	84	81	76	72	74	71	80	82	81	84	82	72	79	68	64	71	79	82	82	87	84	80	67	66	53	63	70	80	78	84	76.0
	Minimum	65	63	60	55	48	48	58	50	52	53	56	69	59	48	51	38	41	50	59	62	64	58	61	60	48	41	36	36	53	65	65	53.9
Turnpike	Maximum	72	73	69	67	65	67	69	73	74	79	76	69	68	67	66	53	62	72	73	68	74	72	71	64	51	48	59	62	71	70	75	67.7
	Minimum	59	58	53	46	42	45	52	52	56	57	56	56	48	44	40	28	34	46	53	55	54	49	49	45	39	34	33	39	48	57	54	47.8
Waldron	Maximum	78	84	78	79	70	75	71	78	80	82	82	76	74	80	75	58	72	80	81	80	78	76	79	74	57	52	60	71	79	76	80	74.7
	Minimum	64	62	57	48	42	40	53	40	42	43	47	68	55	38	49	30	31	41	62	65	52	45	58	51	44	43	33	29	29	64	49	47.6
Warren	Maximum	85	82	80	75	73	76	72	80	83	85	85	82	78	77	72	60	68	78	81	83	86	85	83	78	60	51	64	68	80	80	82	76.6
	Minimum	60	63	58	53	46	55	50	50	47	48	50	62	60	44	46	36	32	41	54	58	63	62	54	60	45	43	38	38	51	60	64	51.3
White Rock	Maximum	72	77	73	70	66	69	69	73	75	76	75	65	67	72	63	53	61	74	73	65	73	69	64	58	49	44	57	61	70	67	72	66.9
	Minimum	56	58	54	50	44	47	53	52	52	55	55	46	44	44	40	28	32	46	54	55	49	51	52	42	36	31	31	35	48	55	52	46.7
Wilson	Maximum	84	78	76	77	70	77	75	79	81	82	83	83	76	71	67	62	53	75	80	83	82	77	77	68	58	65	59	65	77	78	78	74.1
	Minimum	58	58	63	40	44	55	43	42	46	46	49	50	63	43	48	32	29	41	51	51	59	40	43	53	48	42	40	39	45	50	62	47.8
Wynne	Maximum	86	82	79	70	72	74	77	81	83	85	85	87	90	66	54	54	52	75	78	80	81	74	79	60	57	51	59	79	76	79	80	73.7
	Minimum	60	58	56	[illegible]	41	53	43	36	42	42	45	59	65	42	42	34	29	49	47	63	.	..	..	..	.		..	..	..	..	..	47.8

Daily River Stages for October, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.0	6.5	9.3	9.5	9.1	8.3	7.3	6.8	6.5	6.3	6.1	6.1	6.9	6.7	6.2	7.5	7.4	7.0	6.5	6.3	6.1	5.8	5.8	6.2	6.9	12.7	12.5	10.9	9.3	8.9	8.4
Van Buren	do	22	3.9	4.1	8.1	9.0	8.4	7.4	6.1	5.2	4.7	4.3	4.0	4.0	4.5	4.7	4.5	6.2	6.1	5.5	4.8	4.3	4.0	3.8	3.9	4.2	4.8	12.1	12.4	10.6	9.0	8.0	7.6
Danville	Petit Jean	20	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.5	2.4	2.4	2.4	2.4	2.4	2.8	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4
Ozark	Arkansas	22	0.8	1.0	1.7	4.6	5.0	4.1	3.5	3.1	1.9	1.4	1.1	1.1	1.4	1.5	1.5	1.5	1.5	1.5	2.0	1.5	1.3	1.0	0.9	0.9	0.9	0.9	7.2	8.5	7.0	5.2	4.5
Dardanelle	do	22	3.2	3.5	3.6	3.9	7.5	8.2	7.4	6.5	5.5	4.8	4.4	3.0	3.8	4.1	4.5	4.3	4.6	5.4	5.3	5.0	4.6	4.1	3.8	3.8	3.7	4.0	6.7	12.0	10.8	9.3	8.6
Morrilton	do	20	-0.6	-0.6	-0.4	-0.4	1.0	3.6	3.4	2.6	1.6	0.8	0.4	0.4	0.3	0.9	0.8	0.0	0.4	0.4	2.0	0.9	0.5	0.2	-0.1	-0.3	-0.4	-0.5	-0.2	0.5	5.8	5.4	4.2
Little Rock	do	23	1.8	1.8	1.8	1.9	2.0	2.7	5.1	4.9	4.2	3.7	3.1	2.8	2.8	2.4	2.3	2.3	2.4	2.4	2.7	3.0	3.0	2.8	2.5	2.3	2.1	2.0	1.9	2.1	7.3	7.5	6.4
Pine Bluff	do	25	2.1	2.1	2.1	2.2	2.2	2.4	2.9	5.4	5.9	4.9	4.4	3.7	3.9	3.7	3.3	3.1	2.9	3.0	3.1	3.5	4.0	4.0	3.7	3.4	3.1	3.2	3.2	3.0	3.0	9.3	9.1
Gilbert	Buffalo	30	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.4	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5
Black Rock	Black	14	1.8	1.7	1.7	1.6	1.6	1.5	1.4	1.4	1.5	1.5	1.4	1.6	1.7	1.9	1.7	1.7	1.7	1.7	1.8	1.6	1.6	1.7	1.7	1.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Heber Springs	Little Red	30	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3
OzarkBeachMo	White	30	-0.3	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	1.3	-0.3	1.4	1.4	-0.2	-0.3	-0.3	-0.2	-0.3	-0.2	-0.3	-0.2	-0.3	1.0	-0.2	-0.3	-0.3	0.0	-0.2	-0.3	1.4	-0.3	0.6
Cotter	do	21	1.9	1.7	1.6	1.6	1.6	1.4	1.2	1.6	1.6	1.6	1.6	1.5	1.4	2.0	1.7	1.5	1.1	1.7	1.8	1.2	1.4	1.3	1.7	2.3	2.8	2.2	3.0	3.0	2.9	[illegible]	2.5
Calico Rock	do	18	-0.2	0.3	0.4	0.3	0.2	0.1	-0.1	0.2	0.4	0.2	-0.1	-0.1	0.3	0.1	0.4	0.6	0.3	0.0	0.5	0.5	0.0	0.3	0.3	1.0	1.3	1.6	1.6	1.8	1.6	1.4	1.6
Batesville	do	23	4.6	4.6	4.7	5.1	4.9	4.9	4.8	4.8	4.7	4.9	4.9	4.8	4.8	4.8	4.9	4.9	5.1	4.9	4.9	4.9	5.2	4.9	4.9	4.9	5.2	5.6	5.8	5.8	6.2	6.0	5.9
Newport	do	26	-0.6	-0.6	-0.7	-0.7	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	-0.4	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.1	0.2	0.2	0.5	0.7
Georgetown	do	21	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	0.0	0.2	0.4	0.6
Des Arc	do	24	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.4	2.4	2.7	3.0
Clarendon	do	26	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.4	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.5	6.6	6.8
St. Charles	do	25	6.7	6.6	6.6	6.5	6.5	6.5	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.7	6.8
Glenwood	Caddo	..	5.6	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.9	5.8	5.7	5.5	5.4	5.4	5.3	5.5	5.5	5.5	5.5	5.8	5.7	5.6	5.6	5.6	5.6	5.6	5.7
Arkadelphia	Ouachita	17	5.0	4.2	4.1	3.7	3.6	3.6	3.5	3.6	3.6	3.5	3.5	3.4	4.1	4.8	4.6	4.2	4.3	4.2	3.8	4.2	3.9	3.8	3.8	5.1	4.4	4.2	4.2	4.2	4.3	4.2	4.6
Boughton	Little Mo.	20	3.1	3.1	3.0	3.0	3.4	3.4	3.4	3.3	3.2	3.2	3.1	3.1	3.6	4.7	5.0	5.3	5.1	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.2	4.1	4.0	4.0	3.9	3.9
Camden	Ouachita	26	3.6	3.6	3.5	3.6	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.8	3.8	4.1	4.5	4.5	4.6	4.6	4.2	3.9	4.0	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.3
Benton	Saline	20	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.7	3.0	3.3	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
Index	Red	25	5.6	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.6	6.2	6.4	6.2	6.1	6.1	6.0	6.0	6.0	6.0	6.0	6.1	6.0	6.0	6.0	6.0	6.0	5.8	5.8	5.7	5.7
Fulton	do	25	5.7	5.7	5.6	5.9	6.0	6.0	5.7	6.5	6.7	6.7	6.7	6.6	6.9	6.8	6.8	6.5	6.4	6.4	6.4	6.6	6.6	6.5	6.3	6.4	6.2	6.2	6.2	6.1	6.2	6.2	6.2
Big Lake Outlet	St. Francis	10	2.6	2.6	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.5
St. Francis	do	18	2.3	3.5	4.0	4.1	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.3	3.6	3.8	3.7	3.6	3.5	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.3	3.4	3.4	3.5
St. Francis L.L.	do	..	14.0	14.3	15.9	16.6	17.2	17.6	18.0	18.0	18.4	18.5	18.8	18.4	18.0	17.3	16.6	15.7	14.5	15.3	16.4	15.4	13.9	15.8	14.8	15.4	16.4	15.4	13.6	15.7	16.6	17.3	16.8
Marked Tree	do	17	2.7	2.3	1.0	-0.2	-0.2	-0.3	-0.3	1.5	0.2	-0.3	-0.3	3.0	3.5	3.5	3.3	3.1	3.0	1.5	0.7	2.9	2.8	0.9	2.7	1.9	0.7	2.9	2.7	0.9	0.5	0.5	2.9
Parkin	do	28	2.6	2.5	2.3	1.9	1.3	1.0	1.0	0.9	1.2	1.3	0.9	0.8	1.6	2.7	2.9	2.9	2.8	2.7	2.4	1.6	1.8	2.4	2.0	1.7	1.1	0.9	1.7	2.4	2.0	1.3	1.0
Madison	do	32	1.3	1.3	1.2	1.1	0.7	0.3	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.2	1.2	1.4	1.4	1.4	1.3	1.2	0.9	0.5	0.5	0.9	0.7	0.6	0.7	0.4	0.4	0.9	0.7	0.5
Helena	Mississippi	42	5.8	5.0	4.6	4.2	4.0	3.8	3.5	3.5	3.4	3.4	3.4	3.5	3.5	3.3	3.2	3.2	3.1	3.2	3.0	2.9	3.6	4.1	3.9	3.4	3.1	3.1	3.6	4.2	4.5	4.7	5.3
Arkansas City	do	42	4.2	3.8	3.3	2.9	2.6	2.4	2.2	2.1	2.1	2.4	2.5	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.7	1.6	1.9	2.4	2.4	2.1	1.7	1.6	1.8	2.2	2.4	2.8

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ^{a}, ^{b}, ^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning: amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:--Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1. Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt. Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut 1, Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR. No record.

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVIII LITTLE ROCK, ARK., NOVEMBER, 1943 No. 11

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GENERAL SUMMARY

The month averaged slightly cooler than normal for the State as a whole. At individual stations, departures ranged from +0.2° at Grannis and Russellville to −5.0° at Blytheville. Eastern and southern stations recorded the largest negative departures. The highest temperatures of the month occurred on the 1st, 6th, or between the 18th and 21st. The lowest temperatures occurred on the 30th at nearly all stations. The first general cold spell of the season, with freezing temperatures throughout the State, occurred on the 9th and 10th. Killing frost was general on those two mornings. Temperature extremes for the month were not remarkable when compared with those of past Novembers. Sunshine was above normal. No destructive windstorms occurred. There was an average of 19 clear, 5 partly cloudy and 6 cloudy days in November.

For the State as a whole, precipitation amounted to only 30% of normal. It was the driest November since 1910 and the third driest on record. Rainfall was heaviest in the eastern and southern sections, and lightest in the northern and western districts. Practically all the precipitation occurred on the 1st and 2d, and 6th and 7th. Numerous stations measured less than an inch of rain during the month, and several reported rain on only one day.

Winter grains made good progress during the first part of the month because of adequate soil moisture. However, with no rain of consequence after the 7th, the soil became increasingly dry, plant growth lagged, and forest fires became numerous. Smoke from forest fires reduced visibility to less than two miles at times during the latter part of the month. Weather conditions were favorable for butchering, plowing, fence repairing, and other outside activities.

TEMPERATURE

The mean temperature for the State, as determined from the records of 78 stations, was 49.7°, which is 1.6° below the 53-year record for November. The highest monthly mean temperature was 54.5° at Magnolia and the lowest was 45.9° at Lead Hill. The highest temperature recorded was 88° at Fordyce on the 1st. The lowest was 15° at Gilbert, Lead Hill, Mammoth Spring, and Wynne on the 30th.

PRECIPITATION

The average precipitation for the State, as determined from the records of 107 stations, was 1.10 inches, which is 2.61 inches below the 53-year record for November. The greatest monthly total was 3.30 inches at Monticello and the least was 0.10 inch at Fort Smith Water Plant. The greatest amount recorded in a 24-hour period was 2.25 inches at Crossett on the 7th. Several stations reported light snow flurries on the 7th.

B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:--1,2,6,7.

Heavy Fog:---1.

High Winds:---6,8.

Sleet:---7,8.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.51	24	29.52	6	6.6	25	sw.	6	82	62	62	61	442
Little Rock	30.55	24	29.59	6	7.2	25	s.	6	86	50	62	73	457
Memphis .	30.56	11	29.68	6	7.7	24	w.	8	81	53	67	76	495

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	49.7	87	10	5.56	....	8	13	7	10
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0.0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0.1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	85	11	1.96	T	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47.8	89	10	1.95	T.	5	15	4	11
1921	54.9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.34	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50.4	89	15	5.67	T	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0.1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50.5	87	16	4.15	T.	7	16	4	10
1931	57.6	88	18	6.34	T	9	9	6	15
1932	46.7	82	9	1.98	0.1	6	16	4	10
1933	53.0	85	20	1.86	T	4	16	6	8
1934	54.0	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	3.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
1937	48.3	90	6	4.99	0.5	8	13	6	11
1938	50.7	89	8	5.26	0.1	5	16	6	8
1939	48.8	87	14	3.39	T.	7	12	5	13
1940	49.3	82	3	5.93	T.	9	13	5	12
1941	49.9	87	18	2.31	T.	6	15	6	9
1942	54.5	88	18	3.83	T.	8	12	5	13
1943	49.7	88	15	1.10	T.	3	19	5	6
Period	51.3	96	2	3.71	0.1	6	14	6	10

Corrections:-October, Fort Smith, maximum temp. on 30th, 76°.

Climatological Data for November, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork .... †	Saline	755	6	53.2	......	80	6	22	17	1.38	......	1.00	6−7	0.0	4	18	5	7	w.	L. R. Water Works
Arkadelphia	Clark	200	47	50.4	......	83	1§	23	30	1.39	−2.16	0.94	1−2	0.0	3	14	12	4	sw.	George S Dews
Arkansas City	Desha	145	58	......	......	......	......	......	......	3.18	−0.60	1.75	7	0.0	6	23	1	6	......	John W. Trammell
Batesville Airway	Independence	363	6	48.2	− 1.0	79	21	19	30	0.45	......	0.37	6	0.0	4	19	6	5	sw.	Airway Observer
Batesville Livestk.	Independence	....	2	46.6	......	78	19	19	17	0.76	......	0.76	6	0.0	1	19	11	0	nw.	University of Arkansas
Batesville River	Independence	277	43	......	......	......	......	......	......	0.40	−3.03	0.32	6	0.0	3	21	4	5	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	48.8	− 2.0	77	1§	19	30	0.20	−3.46	0.20	6	0.0	1	21	5	4	n.	Miss Minnie Scanlan
Benton	Saline	285	7	46.4	......	78	6	16	30	1.17	......	0.75	6	0.0	3	25	4	1	sw.	S. A. Burks
Bentonville	Benton	1295	37	46.8	− 1.5	77	21	24	9§	0.72	−2.29	0.58	1−2	T.	3	19	6	5	n.	E. L. Browne
Bethesda .... †	Independence	500	3	46.4	......	78	19	19	30	0.79	......	0.79	6	0.0	1	18	12	0	nw.	Soil Conservation Ser.
Big Lake Outlet .. †	Mississippi	239	12	......	......	......	......	......	......	1.17	−2.23	0.51	8	0.0	4	18	2	10	......	C. J. Brooks
Black Rock	Lawrence	259	41	......	......	......	......	......	......	0.44	−3.47	0.32	6	0.0	3	22	0	8	......	Vernon C. Howe
Bluff City	Nevada	....	2	53.3	......	81	6§	25	30	0.86	......	0.65	2	0.0	2	22	4	4	sw.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	46.4	− 5.0	83	1	18	30	1.31	−2.92	0.70	7	0.0	3	21	5	4	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	28	50.4	− 2.2	82	19	19	30	0.43	−2.81	0.40	1	0.0	3	22	4	4	w.	F. H. Randolph
Boughton .... †	Clark	235	7	......	......	......	......	......	......	2.19	......	1.50	1−2	0.0	4	19	3	8	......	Mrs. Ruby Brown
Brinkley	Monroe	205	51	47.9	− 4.0	79	1	17	30	0.98	−2.98	0.42	6−7	0.0	5	15	8	7	sw.	U. S. Weather Bureau
Calico Rock	Izard	361	38	......	......	......	......	......	......	0.35	−3.16	0.32	6	0.0	2	12	3	15	......	William Jones
Camden	Ouachita	116	57	51.6	− 0.6	83	1	20	20	2.65	−1.29	1.63	2	0.0	2	18	10	2	s	J. M. Knight
Camp Robinson	Pulaski	463	2	49.9[c]	......	79	6	21[c]	30	1.20	......	0.65	6	0.0	4	14	14	2	nw.	U. S Army
Clarendon	Monroe	172	38	......	......	......	......	......	......	1.40	−2.45	0.64	2	0.0	6	18	5	7	......	B. F. Northern
Conway	Faulkner	309	59	50.8	− 1.1	81	6§	19	30	1.00	−2.60	0.71	6	0.0	4	23	5	2	s.	F. E. Cordrey
Corning	Clay	293	49	48.4	− 0.2	79	21	20	17	0.18	−3.58	0.18	7	0.0	2	17	6	7	w.	Robert B. Polk
Cotter	Baxter	440	15	......	......	......	......	......	......	0.66	−1.67	0.66	6	0.0	1	18	10	2	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	30	50.4[a]	− 3.6	84	1§	20[b]	30	2.60	−1.28	2.25	7	0.0	4	20	4	6	s.	U.S. Forest Service
Danville	Yell	327	26	......	......	......	......	......	......	0.68	−2.39	0.52	1	0.0	2	18	10	2	......	J. M. Patterson
Dardanelle	Yell	330	56	50.7	− 1.2	81	1	21	30	0.77	−2.54	0.50	6	0.0	4	15	5	10	s.	Geo. N. Goodier
DeQueen	Sevier	426	7	50.4	......	80	6	21	30	1.92	......	1.75	1	0.0	3	23	0	7	......	L. D. McCown
Des Arc	Prairie	204	4	50.5	......	80	1	19	30	1.36	......	0.83	1	0.0	2	13	6	11	n.	Z. R. Glenn
Devils Knob .... †	Johnson	2350	6	47.4	......	71	19	20	9	0.80	......	0.68	6	T.	4	24	2	4	sw.	U. S. Forest Service
Dumas	Desha	162	37	51.2	− 2.5	84	1	21	30	2.11	−2.09	1.37	6−7	0.0	3	18	8	4	n.	Ben Johnson
El Dorado	Union	270	42	53.0	− 2.2	81	1	28	30	1.78	−2.28	1.04	6	0.0	3	24	4	2	n.	Mrs. E. W. Gaston
England	Lonoke	229	36	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	O. V. Halbrook
Eureka Springs	Carroll	1465	42	49.0	− 1.9	76	19	25	9§	0.65	−2.45	0.23	6	T.	4	25	1	4	nw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	5	48.6	......	76	19	24	28	0.32	......	0.18	1	T.	4	15	7	8	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	55	48.0	− 1.5	76	6§	21	30	0.65	−2.22	0.48	6	T.	3	18	8	4	sw.	University of Arkansas
Fordyce	Dallas	280	2	52.4	......	88	1	27	30	1.81	......	1.22	6	0.0	3	16	8	4	sw	Ark. Forestry Com.
Fort Smith	Sebastian	448	61	50.2	− 0.8	78	6	27	30	0.33	−2.54	0.25	1	0.0	2	16	9	5	e.	U. S. Weather Bureau
Fort Smith Wtr.P. ... †	Crawford	793	5	......	......	......	......	......	......	0.10	......	0.10	6	0.0	1	21	5	4	......	Ft. Smith Water Plant
Fulton	Hempstead	260	57	......	......	......	......	......	......	0.50	−3.00	0.34	1−2	0.0	4	17	6	7	......	Ina J. Logan
Georgetown	White	200	30	......	......	......	......	......	......	0.82	−2.97	0.60	6−7	0.0	2	23	3	4	......	C. G. Long
Gilbert	Searcy	600	17	46.4	......	82	19	15	30	0.79	−1.56	0.75	7	0.0	2	23	1	6	s.	F. E. King
Glenwood	Pike	547	7	......	......	......	......	......	......	2.19	......	1.28	1−2	0.0	3	22	0	8	......	Chas. A. Price
Grannis	Polk	950	23	51.2	+ 0.2	79	6	24	30	1.63	−2.49	1.30	1−2	0.0	4	20	2	8	s.	W. E. McVay
Gravette	Benton	1250	45	47.9	− 1.1	77	21	21	10§	0.60	−2.56	0.46	1−2	T.	2	22	3	5	sw.	Julius A. Schmidt
Green Mountain ... †	Stone	1100	5	48.1	......	80	1	28	10§	0.20	......	0.20	6	T.	1	17	9	4	s.	U. S. Forest Service
Harrison	Boone	1052	42	46.8	− 1.9	80	1	18	30	1.23	−1.58	1.23	6	T.	2	23	3	4	nw.	J. M. McGaughey
Heber Springs (near)	Cleburne	272	13	......	......	......	......	......	......	0.56	−3.78	0.51	6	0.0	2	23	4	3	......	Lester B. Logan
Helena	Phillips	300	70	51.2	− 1.8	77	20	21	30	2.18	−2.26	1.30	6−7	0.0	5	22	1	7	ne.	James A. Burnett
Highland	Pike	491	23	52.2	− 1.3	80	7	26	30	1.65	−1.57	0.70	2	0.0	3	23	3	4	se.	Clyde Cooley
Hope 3 miles e ... ‡‡	Hempstead	375	72	50.3	− 3.9	81	6	20	30	1.71	−2.05	1.30	1−2	0.0	4	11	19	0	sw.	University of Arkansas
Hot Springs	Garland	600	51	52.8	0.0	80	6	26	30	1.08	−2.82	0.59	1−2	0.0	4	21	8	1	s.	National Park Service
Index .... †	Little River	275	25	......	......	......	......	......	......	1.10	−1.80	0.70	2	0.0	2	25	9	5	......	W. E. McDowell
Jessieville	Garland	750	16	......	......	......	......	......	......	1.16	−3.17	0.73	31−1	0.0	2	19	8	3	sw.	U. S. Forest Service
Jonesboro	Craighead	345	47	49.6	− 1.6	77	21	20	30	0.45	−2.94	0.12	7	0.0	4	15	8	7	sw.	Benedictine Sisters
Lead Hill	Boone	650	36	45.9	− 2.5	81	19	15	30	0.47	−2.29	0.23	6	T.	4	22	5	3	sw.	J. H. Crosswhite
Little Rock	Pulaski	257	63	49.8	− 2.3	78	6	24	30	0.81	−3.38	0.41	6	0.0	4	17	7	6	sw.	U. S. Weather Bureau
Lutherville .... †	Johnson	775	44	49.9	− 1.1	76	6	23	30	0.29	−3.12	0.12	6−7	0.0	4	17	6	7	w.	Clarence Lenhardt
Madison	St. Francis	209	12	......	......	......	......	......	......	1.88	−2.72	1.25	6−7	0.0	4	7	5	18	......	J. W. Eppes
Magnolia	Columbia	315	26	54.5	− 0.5	82	1§	23	30	0.71	−3.32	0.43	7	0.0	2	19	7	4	nw.	State Agri School
Mammoth Spring	Fulton	600	38	47.2	− 1.5	79	1	15	30	1.15	−2.12	1.06	6−7	T.	4	19	5	6	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	48.4	− 3.9	80	1	20	30	1.33	−2.17	....	......	0.0	1	15	7	8	n,	University of Arkansas
Marked Tree	Poinsett	229	38	47.1	− 2.1	78	1	19	30	2.76	−1.39	1.18	6−7	0.0	5	11	14	5	n.	Charles Walton
Marshall	Searcy	1050	..	51.8[a]	+ 1.2	82[a]	21	24	30	0.64	......	0.60	7	0.0	2	18	10	2	sw.	W. F. Reeves
Mena	Polk	1207	54	51.1	− 1.1	79	6	24	30	1.41	−2.21	1.30	1−2	T.	2	19	4	7	sw.	E. W. St. John
Monticello	Drew	273	2	52.2	......	77	20	27	30	3.30	......	2.12	6−7	0.0	5	19	8	3	w.	Airway Observer
Morrilton .... †	Conway	315	26	50.0	− 0.9	80	6	22	30	0.50	−2.78	0.40	1	0.0	2	17	7	6	n.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	......	......	......	......	......	......	0.22	......	0.11	6	0.0	3	21	2	7	s.	C. A. Lovell
Mountain Home ... †	Baxter	800	30	47.6	− 1.0	80	6§	16	30	0.55	−2.28	0.55	7	0.0	1	21	3	6	w.	H. N. Halbert
Mountain Valley	Garland	788	5	......	......	......	......	......	......	2.00	......	1.50	7	0.0	2	21	3	6	s.	C. A. Cockman
Mount Ida	Montgomery	702	43	48.3	− 2.3	80	6	14	30	0.74	−3.69	0.69	1−2	0.0	3	21	2	7	w.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	4	......	......	......	......	......	......	0.41	......	0.25	6	0.0	3	21	5	4	......	Clifton H. Ward
Nashville	Howard	350	4	51.9	......	82	6	24	30	2.20	......	1.69	1−2	0.0	5	23	1	6	n.	Carter Day
Newport	Jackson	231	59	49.8	− 1.2	80	21	18	30	0.56	−3.08	0.30	6	0.0	4	22	0	8	sw.	W. T. Moyer
Nimrod Dam	Perry	475	1	50.5	......	79	19	21	30	0.70	......	0.48	1−2	0.0	4	23	3	4	w.	U. S. Engineers
Oden	Montgomery	800	15	50.6	......	79	6	26	10	1.06	−3.15	0.61	1	0.0	2	20	4	6	sw.	U. S. Forest Service
Okay	Howard	288	14	52.0	− 0.7	83	6	19	30	1.53	−3.10	1.10	2	0.0	3	21	4	5	sw.	Charles R. Jackson
Osceola	Mississippi	250	42	......	......	......	......	......	......	1.62	−2.77	0.70	6−7	0.0	6	22	3	5	......	G. H. Banks
Ozark	Franklin	396	47	49.4	− 2.0	80	1	21	30	0.42	−2.67	0.21	1	0.0	2	14	12	4	se.	Orkney O. Milton
Paragould	Greene	275	19	47.8	......	74	21	18	30	1.25	−2.20	0.79	1−2	0.0	6	21	5	4	sw.	J. E. Garrett
Parkin	Cross	222	12	......	......	......	......	......	......	1.49	−2.60	0.47	7	0.0	4	18	4	8	......	Carroll King
Perryville	Perry	325	3	49.8	− 1.0	78	1§	17	30	0.37	−3.23	0.24	2	0.0	2	23	5	2	......	Lillie Cranford
Pine Bluff	Jefferson	215	55	52.2	+ 1.1	82	1	24	30	1.75	−2.25	0.86	6−7	0.0	4	17	10	3	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	......	......	......	......	......	......	1.10	−3.15	0.75	2	0.0	3	12	12	6	w.	J. R. Huddleston
Pocahontas	Randolph	300	49	49.1	− 1.0	79	21	17	30	0.41	−3.10	0.35	6−7	0.0	3	20	5	5	ne.	Benedictine Sisters
Portland	Ashley	122	36	52.3	− 2.0	80	1	25	30	2.40	−1.53	2.20	6−7	0.0	2	20	3	7	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	52.8	− 1.4	81	6	24	30	1.67	−1.96	1.34	1−2	0.0	3	21	2	7	w.	W. R. Hambright
Rogers	Benton	1300	52	46.2	− 2.8	76	6	23	30	0.45	−2.47	0.19	1	T.	5	18	7	5	s.	Howard Fowler
Rosebud	Faulkner	680	8	......	......	......	......	......	......	0.88	......	0.76	7	0.0	2	22	5	3	n.	G. A. Maddox
Russellville .... ‡‡	Pope	526	39	50.0	+ 0.2	79	6	21	30	0.30	−3.65	0.19	7	0.0	2	21	5	4	se.	U.S. Forest Service
St. Charles	Arkansas	175	9	48.8	......	78	1§	21	30	2.30	......	1.06	6	0.0	6	18	6	6	n.	U. S. Biological Survey
St. Francis	Clay	290	15	......	......	......	......	......	......	0.73	−3.05	0.63	6−7	0.0	3	21	0	9	......	W. S. Buckley
Searcy	White	245	32	49.4	− 1.6	76	21	21	30	0.75	−3.13	0.32	1−2	0.0	4	21	3	6	nw.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	2	51.1	......	79	1	21	30	0.98	......	0.54	1−2	0.0	3	15	11	4	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	47.6	......	75	19§	23	10	0.98	......	0.58	1	T.	5	19	9	2	nw.	John Brown University
Springbank .... †	Miller	240	33	......	......	......	......	......	......	0.70	−3.11	0.47	6	0.0	3	24	0	6	......	Henry Field
Story	Montgomery	650	18	......	......	......	......	......	......	1.15	−2.81	0.59	2	0.0	2	22	2	6	s.	S. C. Story
Stuttgart	Arkansas	214	55	50.4	− 2.0	83	1	21	30	1.59	−2.23	0.92	6	0.0	4	21	4	5	nw.	Mrs. B. E. Swim
Stuttgart 9 miles e ‡‡	Arkansas	198	7	49.0	......	81	1	20	30	1.50	......	0.89	6−7	0.0	5	......	......	......	......	University of Arkansas
Subiaco	Logan	750	44	50.2	− 2.6	79	6	23	30	0.53	−2.56	0.35	1	0.0	4	22	3	5	se.	New Subiaco Abbey

Climatological Data for November, 1943 Continued

Stations	Counties	Elevation, feet	Length of record, years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	58	53 2	− 2.0	82	6	26	30	0.62	−2.80	0.38	1−2	0.0	5	15	9	6	sw.	U S. Weather Bureau
Turnpike †	Pope	2240	18	48.0	......	74	19	22	9	1.14	−3.01	1.04	6	0.0	4	22	3	5	sw.	U. S. Forest Service
Waldron	Scott	675	23	49.1	......	82	18	22	10	0.80	−2.53	0.70	1	0.0	2	14	12	4	nw.	William D. Bivens
Warren	Bradley	206	48	54.3	− 0.4	83	1	24	30	2.77	−1.26	1.55	2	0.0	3	15	5	10	nw.	C. N. Turner
Whitecliffs	Little River	290	36	. ..	.....	......	......	.....	......	0.86	−2.07	0.75	1−2	0.0	2	26	0	4	......	L. M. Snead
White Rock †	Franklin	2285	6	46.8	......	72	19	19	9	0.33	......	0.20	6	T	3	20	2	8	sw.	U. S. Forest Service
Wilson	Mississippi	237	17	....	......	81	1	18r	30	0.98	−3.16	0.93	7	0.0	2	17	1	12	n.	D. O. Anderson
Wynne	Cross	167	34	51.8	......	80	1	15	30	1.15	−2.76	0.45	6	0.0	3	20	6	4	sw.	C. B. Bailey
State Means		.. .	..	49.7	− 1.6	88	1	15	30	1.10	−2.61	2.25	7	T.	3	19	5	6	sw.	

Daily Precipitation for November, 1943

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Abbott [2]	Arkansas		.34				.05	.10																								0.49
Alum Fork Reser.	Ouachita	.02	.33					1.00								.03												T.				1.38
Arkadelphia [2]	Ouachita		.94					.35									.10															1.39
Arkansas City [2]	Mississippi		.64	.37				1.75	.12								.21											.09				3.18
Batesville Air'y [1]	White	.03	T.				.37	T.							.02	.03											T.	T.				0.45
Batesville Livestk [2]	White		T.					.76																								0.76
Batesville River [2]	White		.05					.32									T.											.03				0.40
Beaty Lake	St. Francis	.04	.06				.05	1.24								.18	.19											T.				1.76
Bee Branch	Arkansas						.20																									0.20
Beech Grove	White							.30								.30																0.60
Beedeville [2]	White		.67					.30	.03								T.															1.00
Benton [2]	Saline		.39					.75									.03															1.17
Bentonville [2]	Arkansas		.58					.11	.03																							0.72
Bethesda [2]	White		T.					.79																								0.79
Big Lake Outlet [2]	St. Francis		.24					.36	.51								.06															1 17
Black Rock [2]	White						.04	32	.08	T.							T.											T.				0.44
Bluff City	Ouachita		65				.21									T.																0.86
Blytheville [2]	St Francis		.18					.43	.70								T.															1.31
Booneville 3 mi- w	Arkansas	.40					.01									.02																0.43
Booneville [2]	Arkansas		.22					.03																								0.25
Boughton [2]	Ouachita	.30	1.20					.37									.32															2.19
Brinkley [1]	White	.05	.08				.29	.15								.41											T.					0.98
Burdette	Mississippi	.05	.26					1.52								.18																2.01
Calico Rock [2]	White		.03					.32		T.																						0.35
Camden [2]	Ouachita		1.63					1.02																								2.65
Camp Robinson [1]	Arkansas	.16	04				.65									.35																1.20
Carlisle [2]	Arkansas		.42					.74									.18															1.34
Clarendon [2]	White	.02	.59	.05				.49	.04								.21															1.40
Cold Springs [2]	Ouachita		.64					.10																								0.74
Conway	Arkansas	.06	.12				.71									.11																1.00
Corning [2]	White							.10	.08																							0.18
Cotter [2]	White		T					.66									T.															0.66
Crossett	Ouachita		.10				.22	2.25									T.											.03				2.60
Danville [2]	Arkansas		.52					.16									T.															0.68
Dardanelle [2]	Arkansas		.19					.50	.02							.06																0.77
Denmark [2]	White		.09					33	T																							0.42
De Queen	Red	.75	.98				.19																									1.92
Dermott [2]	Mississippi		.55	.23				2.37																				.11				3.26
Des Arc [2]	White		.83					.53									T.															1.36
Devils Knob	Arkansas	.06	.04				.68	.02																								0.80
Dumas	Mississippi		.74				.26	1.11																								2.11
Eagle Gap [2]	Arkansas		1.12					.22	T							T.	T											T.				1.34
El Dorado [2]	Ouachita		.69	.05				1.04																								1.78
Eleven Point	White	T				T.	.22		T.							.16																0.38
England	Arkansas																															..
Eureka Springs	White	.22	.10				.23		.10																							0.65
Evening Shade [2]	White		.02				.06	.44	.03																			T.				0.55
Fayetteville	White	.12	.06				.13	.01	T.							T.																0.32
Fayetteville Exp. S	White	.12	.05				.48	T.	T.							T.																0.65
Fordyce	Arkansas		.59				.54	.68																								1.81
Forester [2]	Arkansas							.30																				T.				0.30
Fort Smith [1]‡	Arkansas	.25					.08																									0.83
Fort Smith W. [1]	Arkansas	T.						.10	T.																							0.10
Fulton [2]	Red	.03	.31					.11									.05											T.				0 50
Georgetown [2]	White		.22					.60																								0.82
Gilbert [2]	White		.04					.75																								0.79
Glenwood [2]	Ouachita		1.28			.06		.85																								2.19
Grannis	Red	.65	.65			T.	.15	T.							T.	.18											T.	T				1.63
Gravelly [2]	Arkansas		.92					.12																								1.04
Gravette	Arkansas	.42	.04				.14		T.																							0.60
Green Forest	White	04					.81	.02	T.							.03																0 90
Green Mountain	White	T.						.20		T																						0.20
Greenwood [2]	Arkansas																															....
Harrisburg [2]	St. Francis		.50					.15	.10																							0.75
Harrison	White		T.				.77	.46	T.																							1.23
Heber Springs [2]	White		.05					.51									T.															0.56
Helena [2]	Mississippi	.25	.48	.03				1.30	.12																							2.18
Henderson [2]	White		.05					.68	T.																							0.73
Highland	Ouachita	.45	.70													.50																1 65
Hollis	Arkansas		*.60					.35																								0.95
Hope [2]	Red	.16	1.14					.36								T.	.05											T.				1.71
Hot Springs	Ouachita	.18	.41				.12	.37								T.												T				1.08
Huttig [2]	Ouachita			.10				1.85	.04								T.											T.				1.99
Index [2]	Red	.40	.70																													1.10
Jessieville	Ouachita	.73						.43								T.	T.															1.16
Jonesboro [2]	White		.10					.11	.12								.12															0.45
LaCrosse [2]	White							.56																								0.56
Lake City [2]	St. Francis		*	.50			*	.74									.50															1.74
Lead Hill	White	T.	.07				.23	.16	T.							.01																0.47

Daily Precipitation for November, 1943 Continued

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Little Rock[1]†	Arkansas	.22	.10				.41	T.								.08											T	T				0.81
Lutherville	Arkansas	06	.07				.04	.12																								0.29
Madison[2]	St. Francis	.18						1.25	.15								.30											T.				1.88
Magnolia	Red		.28					.43																								0.71
Mammoth Spg[2]	White		02					1.00	.06	.07							T.															1.15
Marianna[2]	St. Francis							*	1.33																							1.33
Marked Tree[2]	St. Francis	30	.45					.63	.55								.83															2.76
Marshall	White	.04	T.					.60																								0.64
Marvell[2]	White																															....
Mena[2]	Ouachita	T.	1.30				T.	11								T.												T.				1.41
Monticello[1]	Ouachita	.07	1.05				1.98	.14																			T.	.06				3.30
Morobay[2]	Ouachita		.94	.14				1.45																				.04				2.57
Morrilton[2]	Arkansas		.40					.10																								0.50
Mountainburg	Arkansas	.07					.11	.04																								0.22
Mountain Home	White						T.	.55	T.							T																0.55
Mountain Valley	Ouachita		.50					1.50																								2.00
Mtn. View[2]	White	T.					.05	.96																				.02				1.03
Mount Ida	Ouachita	.17	.52													.05																0.74
Mulberry[2]	Arkansas		.13					.25	.03																							0.41
Nashville	Red	.59	1.10				.05									.45												.01				2.20
Newhope[2]	Ouachita		1.50					.40									.06															1.96
Newport[2]	White	.03	.15					.30	.08																			T.				0.56
Nimrod Dam	Arkansas	.03	.45					.20								.02												T.				0.70
Odell[2]	Arkansas		.03					.20	.05																							0.28
Oden	Ouachita		.61					.45								T.																1.06
Okay	Red	.33	1.10				.10																									1.53
Osceola[2]	Mississippi	.11	.24	T.				.27	.70							.02	.28															1.62
Ozark[2]	Arkansas		.21					.21																								0.42
Paragould	St. Francis	.21	.58			.04		.26	.04							.12												T.				1.25
Parkin[2]	St. Francis		.34					.45	.47								.23															1.49
Perryville	Arkansas			.24				.13																								0.37
Pine Bluff[2]	Arkansas	.02	.82					.86									.05											T.				1.75
Pine Ridge[2]	Ouachita		.02	.75				.33	T.						T.																	1.10
Pocahontas	White						.08	.27								.06																0.41
Portland[2]	Ouachita			.20				2.20																								2.40
Prescott[2]	Ouachita	.72	.62				T.	.33																								1.67
Red Star	White		.14			.03		.37																								0.54
Rogers	White	.19					.14	.02	.02							08																0.45
Rosebud	Arkansas		.12					.76																								0.88
Russellville	Arkansas	T	.11	T.				.19							T.																	0.30
St. Charles[2]	White	.37	.63			T.	.02	1.06	.15								.07															2.50
St. Francis[2]	St. Francis							.39	.24								.10															0.73
Searcy[2]	White	.02	.30					.29									.14															0.75
Sheridan	Ouachita		.54				.19	.25								T.												T.				0.98
Shirley[2]	White							.25																								0.25
Siloam Springs	White	.51	.07				.38	.01	T.							.01																0.98
Sparkman	Ouachita	.92				.04	.58									.09																1.63
Springbank[2]	Red		.13	T				.47									T.											.10				0.70
Stamps	Red		1.11				.31																									1.42
Stephens[2]	Ouachita			.57				.41																								0.98
Steve[2]	Arkansas						.42																									0.42
Story[2]	Ouachita			.59				.56																								1.15
Stuttgart[2]	Arkansas	.05	.38					92									.24															1.59
Stuttgart Evap[2]	Arkansas	.04	.46					.85	.04								.11															1.50
Subiaco	Arkansas	.35	.04				.10									.04	T.															0.53
Sugar Grove[2]	Arkansas		.35					.06																								0.41
Texarkana[1]	Red	.01	.37				.16									.04											.04					0.62
Tichnor[2]	White	.04	.22					1.20	.20								.17															1.83
Turnpike	Arkansas	.05	.05				*	1.04																								1.14
Viola	White							.86																								0.86
Waldron[2]	Arkansas		.70					.10																				T.				0.80
Walnut Grove	White						T.	.37																								0.37
Warren	Ouachita		1.55				.45	.77																				T.				2.77
Whitecliffs[2]	Red	.11	.75																													0.86
White Rock	Arkansas	.03	.10				.20	T	T.																							0.33
Wilson[2]	Mississippi		.05					.93																								0.98
Wynne[2]	St. Francis		.31				.45	.39																								1.15

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for November, 1943

(See precipitation data in table on preceding page)

Station	Data	Day of month																													Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Bethesda §§	Evap.	.166	.042	.146	.078	.042	.217	.256	.107	.119	.059	.092	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	54	56	49	48	54	62	46	40	40	42	38	48	44	48	56	40	40	48	62	58	60	45	40	40	44	40	39	42	34	38	46.4
	Wind move	45	31	36	16	48	48	127	118	124	62	31	84	62	38	61	129	65	84	77	36	37	59	66	55	32	17	59	35	93	89	1867
Hope, Exp. Farm §§	Evap.	.173	.173	.077	.072	.082	.029	.169	.094	.116	091	.079	.010	.102	.076	.044	.086	.035	.045	.105	.095	.082	.070	.091	.083	.065	.034	.027	.045	.055	.029	2.334
	Mean tem.	67	58	52	52	56	66	50	40	44	42	46	52	51	54	60	47	46	54	56	60	56	49	47	42	46	43	45	48	44	40	50.3
	Wind move	39	29	38	11	11	45	65	120	90	30	20	10	30	5	5	81	11	7	8	16	6	19	52	52	28	15	15	5	34	31	928
Nimrod Dam	Evap.	.129	.049	.078	.106	.108	.075	.100	.229	.154	.091	.056	.083	.078	.077	.066	.104	.098	.111	.083	.127	.098	.103	.095	.084	.061	.046	.051	.053	.106	.062	2.761
	Mean tem.	57	57	52	53	58	68	53	40	44	44	45	52	48	52	58	48	46	56	60	69	60	52	46	44	45	40	47	44	45	41	50.5
	Wind move	18	23	12	21	26	58	144	212	122	43	15	24	14	16	45	49	27	28	21	24	7	15	14	13	12	12	21	18	88	22	1164
Russellville	Evap.	.040	.066	.090	.072	.046	.064	.176	.114	.070	.072	.058	.054	.096	.036	.030	.104	.066	.024	.064	.054	.088	.092	.080	.070	.056	.032	.042	.040	.054	.040	1.990
	Mean tem.	56	56	52	51	58	68	60	40	41	43	44	52	50	48	56	48	46	54	58	59	58	53	48	42	44	42	46	44	42	40	50.0
	Wind move	2	16	9	8	15	24	81	93	53	23	19	12	17	7	17	39	10	3	13	6	8	24	21	15	9	4	15	20	26	19	628
Stuttgart, Rice Exp. Farm §§	Evap.	.202	.026	.018	.060	.091	.078	.011	.104	.088	.059	.070	.032	.080	.076	.064	.019	*	.118	.079	.191	.019	.027	.085	*	*	*	.200	.037	.036	-.006	1.864
	Mean Tem.	70	56	51	52	55	60	50	40	40	42	42	50	48	54	56	40	42	52	55	57	57	48	44	44	46	45	49	45	40	38	49.0
	Wind move	72	41	20	4	28	72	112	145	153	46	26	24	34	24	35	43	34	17	37	23	18	62	67	88	33	9	12	15	18	43	1355

Daily Temperatures for November, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Alum Fork	Maximum	79	70	68	68	67	80	74	72	60	57	59	68	65	65	67	65	64	73	78	78	77	72	54	56	60	57	58	59	56	58		66.1
	Minimum	48	46	37	37	47	56	44	35	35	33	48	57	54	55	48	33	22	34	48	48	44	39	36	32	31	31	40	31	39	23		40.4
Arkadelphia §§	Maximum	83	63	67	69	83	83	66	56	62	59	60	69	65	67	68	62	62	73	69	75	75	62	58	61	62	57	62	62	54	58		65.7
	Minimum	50	54	35	34	36	43	48	33	29	26	27	31	33	38	46	33	28	28	32	40	37	40	37	32	32	29	29	32	34	23		35.0
Batesville Air ***	Maximum	68	67	70	69	74	76	54	45	50	61	57	69	59	66	73	51	62	74	78	76	79	54	58	55	69	58	53	58	44	58		62.8
	Minimum	46	38	33	32	51	52	39	36	31	27	30	37	30	31	37	25	22	40	42	43	44	37	32	27	26	26	30	25	23	19		33.7
Batesville, Livestk §§	Maximum	67	64	69	68	72	75	46	45	49	61	52	67	59	66	72	49	61	75	78	75	78	54	51	55	60	56	54	59	42	57		61.2
	Minimum	44	49	31	33	40	49	45	34	31	23	24	29	30	31	41	31	19	22	43	42	42	35	30	27	28	27	27	27	27	21		32.7
Bee Branch	Maximum	77	66	65	67	72	77	75	46	52	57	58	69	67	62	69	65	60	72	75	75	76	60	56	57	61	59	57	56	54	56		63.9
	Minimum	43	49	31	31	40	57	45	33	27	22	28	31	32	33	45	31	22	31	38	40	40	37	33	29	32	26	33	25	31	19		33.8
Benton §§	Maximum	77	61	68	69	69	78	52	51	54	62	59	71	64	68	71	54	62	72	76	76	76	58	54	57	60	57	59	60	52	56		63.4
	Minimum	43	46	30	30	30	42	47	31	23	23	24	27	27	28	32	27	22	21	29	32	32	36	33	28	24	24	24	25	26	16		29.4
Bentonville §§	Maximum	65	63	67	69	73	76	43	35	43	60	63	63	67	69	59	48	67	76	75	75	77	68	55	54	59	41	53	59	45	58		60.8
	Minimum	42	36	31	30	37	44	41	28	24	24	26	31	30	31	44	28	26	28	41	43	44	39	38	29	29	32	28	25	26	25		32.7
Bethesda §§	Maximum	66	63	68	67	72	76	48	45	49	60	51	66	58	66	71	49	60	73	78	74	77	51	50	55	58	55	52	57	41	56		60.5
	Minimum	41	48	30	30	35	49	45	34	31	23	24	29	29	31	41	31	20	24	46	42	43	36	30	25	25	26	26	26	27	19		32.2
Bluff City	Maximum	80	75	67	69	75	81	81	50	58	59	63	70	69	70	70	64	65	74	75	74	75	69	58	57	60	56	60	62	55	59		66.7
	Minimum	60	54	38	40	47	64	47	32	33	28	34	48	40	39	50	35	30	41	42	43	45	40	36	30	30	31	45	36	33	25		39.9
Blytheville	Maximum	83	63	67	68	78	70	66	43	45	52	49	65	51	66	62	54	55	69	74	69	76	53	49	55	60	59	51	55	45	45		60.0
	Minimum	52	42	32	34	47	57	42	35	27	21	22	30	27	33	45	36	20	37	39	38	42	32	25	23	24	27	33	24	23	18		32.9
Booneville	Maximum	76	67	69	72	70	80	72	49	53	63	61	70	67	64	67	59	70	79	82	80	80	68	58	57	63	55	60	63	52	64		66.3
	Minimum	43	44	32	34	45	57	39	31	28	23	29	34	30	41	44	30	27	34	37	40	40	42	38	29	28	27	32	25	32	19		34.5
Brinkley ***	Maximum	79	63	68	68	75	71	62	50	53	57	54	69	62	68	66	52	58	71	76	78	77	56	52	58	61	58	58	60	51	54		62.8
	Minimum	58	36	31	28	47	62	39	33	31	26	29	33	27	36	40	25	21	34	36	38	36	39	32	30	24	25	30	26	22	17		33.0
Camden	Maximum	83	70	67	70	76	77	79	52	52	60	60	68	72	70	73	69	66	75	77	77	77	77	60	58	62	61	62	64	58	60		67.7
	Minimum	58	54	34	34	42	56	48	33	32	26	28	29	33	37	44	33	27	31	35	38	34	35	34	28	25	27	46	34	33	20		35.6
Camp Robinson ***	Maximum	74	70	68	69	69	79	60	50	50	60	54	66	60	67	66	60	61	73	77	74	77	56	55	56	69	65	60	58	49	57		63.6
	Minimum	48	38	38	35	49	56	38	31	33	..	..	..	..	..	46	32	25	35	41	42	40	38	33	31	35	28	37	29	27	21		36.2
Conway	Maximum	74	67	70	73	75	81	65	57	56	62	59	70	64	69	72	64	67	78	81	80	80	64	55	59	60	55	60	60	57	61		66.5
	Minimum	47	51	34	32	44	60	46	34	30	26	30	33	31	35	47	29	24	34	38	40	40	39	32	28	27	26	39	28	30	19		35.1
Corning	Maximum	73	66	68	68	72	71	69	44	48	58	51	66	59	66	58	55	58	75	78	78	79	70	48	48	55	51	53	55	53	58		61.7
	Minimum	55	50	32	31	49	57	43	36	32	22	24	35	28	35	39	35	20	40	40	40	40	35	28	28	28	35	32	27	28	30		35.1
Crossett	Maximum	84	84	76	72	77	75	72	64	60	60	65	70	72	69	73	61	62	73	75	78	78	71	60	58	63	65	60	55	55	60		68.2
	Minimum	..	..	30	30	41	63	42	28	25	25	25	28	30	34	46	34	22	29	31	34	33	33	36	28	24	28	43	40	30	20		32.6
Dardanelle	Maximum	81	67	68	71	74	80	76	47	53	62	58	71	70	61	69	62	67	77	78	79	77	68	58	58	59	57	57	58	49	60		65.7
	Minimum	44	49	34	32	44	55	45	33	29	26	30	34	30	36	45	32	26	32	39	40	42	40	37	29	43	26	36	28	33	21		35.7
De Queen	Maximum	71	68	65	69	68	80	64	50	58	59	61	70	65	64	64	60	65	72	74	74	74	69	59	57	58	56	59	61	56	52		64.1
	Minimum	47	51	34	37	48	63	45	30	24	25	29	30	34	43	49	34	29	34	40	39	38	39	40	34	30	29	35	39	32	21		36.7
Des Arc	Maximum	80	74	68	68	74	75	77	53	57	63	63	71	70	72	68	64	59	71	77	76	75	75	55	57	59	55	57	60	60	55		66.3
	Minimum	52	50	32	34	43	59	45	33	29	26	29	32	28	35	46	28	22	36	39	40	40	37	31	29	27	25	41	26	29	19		34.7
Devils Knob	Maximum	67	59	62	61	68	69	56	34	44	53	53	62	56	60	66	48	58	68	71	69	69	62	51	53	56	52	52	52	44	52		57.6
	Minimum	56	39	43	45	49	53	30	24	20	25	30	39	38	42	46	22	32	46	51	51	51	33	31	26	36	39	31	36	25	26		37.2
Dumas	Maximum	84	72	69	71	77	74	70	55	55	60	60	71	67	69	73	64	63	74	78	78	78	60	55	57	62	68	65	61	55	59		66.8
	Minimum	60	50	35	34	44	59	46	32	30	27	30	35	34	35	39	36	24	33	34	41	38	39	34	27	25	28	34	32	29	21		35.5
El Dorado	Maximum	81	74	66	75	79	80	75	52	53	60	63	70	72	71	74	65	64	73	76	77	77	70	65	59	61	59	61	60	60	58		67.7
	Minimum	60	62	40	40	42	45	39	33	32	29	31	35	37	36	50	37	31	33	45	44	42	40	35	30	29	31	45	35	30	28		38.2
England	Maximum	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Eureka Springs	Maximum	73	65	65	68	72	75	54	36	44	58	61	63	63	68	63	44	63	74	76	75	74	71	50	52	59	54	51	57	55	56		61.3
	Minimum	45	37	34	44	47	51	36	28	25	26	31	43	34	48	43	25	27	52	56	43	43	36	34	28	32	36	28	28	29	28		36.6
Fayetteville	Maximum	70	63	66	67	73	75	52	38	45	59	62	64	64	65	60	49	64	73	76	74	75	69	55	57	58	53	54	58	53	57		61.6
	Minimum	40	37	30	34	48	51	34	28	25	25	29	43	28	49	48	27	25	48	51	41	50	40	39	31	32	31	31	24	27	25		35.7
Fayetteville Exp. S	Maximum	70	62	66	67	71	76	56	36	44	57	60	63	63	66	62	53	63	74	76	74	76	65	57	57	60	54	53	59	54	57		61.7
	Minimum	40	35	30	31	45	56	33	26	23	23	23	38	28	48	45	24	25	47	50	41	49	39	37	28	31	30	28	24	25	21		34.3
Fordyce	Maximum	88	83	68	68	75	75	73	51	57	57	60	68	65	70	68	63	62	71	74	75	65	56	56	60	57	58	57	56	61	54		65.0
	Minimum	53	53	40	41	51	56	47	31	29	34	34	39	39	44	52	34	36	39	45	48	40	35	29	31	34	45	43	28	34	27		39.7
Fort Smith ***	Maximum	63	62	66	69	69	78	49	45	50	60	57	68	64	64	61	54	63	76	76	76	76	59	55	53	57	52	56	58	48	60		61.5
	Minimum	50	46	38	41	50	49	36	31	30	29	36	40	38	44	41	34	32	40	46	47	48	46	42	34	38	36	36	32	34	27		39.0
Gilbert §§	Maximum	81	66	70	70	76	80	65	60	49	61	59	70	64	68	66	53	68	78	82	80	78	58	54	55	59	58	55	63	49	64		65.3
	Minimum	38	38	27	27	30	32	44	32	29	21	21	29	23	27	32	26	20	20	29	32	35	34	27	18	22	22	31	20	27	15		27.6
Grannis	Maximum	72	60	68	69	69	79	57	50	58	62	63	73	68	66	63	59	65	73	75	75	75	66	59	58	60	56	62	63	53	58		64.5
	Minimum	51	48	38	39	48	56	40	28	30	27	33	34	40	44	48	35	30	38	45	46	42	41	33	29	35	33	37	33	30	24		37.8
Gravette	Maximum	70	64	67	68	73	75	48	36	42	60	63	63	66	67	60	67	48	76	75	74	77	69	53	56	60	50	55	59	52	58		61.7
	Minimum	42	33	28	36	44	45	35	27	23	21	32	37	30	50	42	26	24	38	48	44	49	39	39	29	33	31	24	26	26	21		34.1
Green Mountain	Maximum	80	60	66	75	70	68	65	50	48	45	50	50	54	55	53	45	50	60	77	75	75	55	52	51	58	51	56	57	55	48		58.5
	Minimum	53	44	43	50	45	45	40	32	29	28	30	35	36	41	40	36	29	40	45	45	49	32	30	29	35	39	39	32	31	28		37.7
Harrison	Maximum	80	70	66	69	73	76	58	37	44	57	61	65	63	68	61	57	61	65	63	68	62	67	52	53	58	50	53	62	52	64		61.2
	Minimum	47	40	30	31	44	55	37	30	28	22	25	43	26	41	28	22	25	43	26	41	47	35	31	22	27	26	28	22	31	18		32.4
Helena	Maximum	76	72	68	68	75	72	67	49	47	54	55	66	64	69	67	60	57	70	76	77	76	63	53	57	62	62	57	60	55	54		63.6
	Minimum	61	52	35	36	46	61	46	32	31	27	31	37	38	41	50	30	26	38	45	48	47	39	31	30	34	37	44	35	32	21		38.7
Highland	Maximum	76	70	65	68	71	70	80	49	59	60	60	70	67	67	64	61	64	72	74	73	73	65	58	58	59	60	61	61	55	57		64.9
	Minimum	55	52	41	43	45	41	42	31	34	28	33	38	43	42	50	36	34	41	49	47	51	41	37	32	35	36	35	34	31	26		39.4
Hope §§	Maximum	80	61	67	71	71	81	54	50	59	60	64	72	70	68	69	58	64	71	73	77	71	60	57	55	61	57	60	62	55	59		64.6
	Minimum	54	54	38	34	41	50	45	31	29	25	28	32	32	39	44	36	29	36	40	43	40	38	37	30	30	29	30	33	33	20		36.0
Hot Springs	Maximum	71	67	68	69	65	80	61	51	57	62	60	72	67	68	67	63	64	73	76	76	76	68	59	60	61	55	59	59	54	58		65.0
	Minimum	57	51	40	41	51	59	42	31	34	29	34	42	41	41	54	32	31	49	54	52	52	40	35	31	32	34	37	33	32	26		40.6
Jonesboro	Maximum	74	66	67	67	72	70	69	45	47	55	52	67	60	68	67	55	59	71	76	73	77	68	48	56	59	57	53	56	49	52		61.8
	Minimum	52	51	37	34	51	57	44	37	34	26	30	36	35	35	50	35	25	41	46	44	48	37	31	29	33	29	40	26	32	20		37.5
Lead Hill	Maximum	67	64	66	70	73	78	61	39	45	58	57	64	61	70	60	46	69	79	81	74	77	67	53	55	58	49	53	61	43	65		62.1
	Minimum	55	41	27	27	38	50	38	30	31	22	24	36	22	33	35	25	18	28	32	33	34	34	26	19	23	23	25	19	27	15		29.7
Little Rock ***	Maximum	75	62	67	67	70	78	56	50	51	60	53	68	60	67	71	52	62	73	77	76	77	57	52	56	56	56	56	59	49	58		62.4
	Minimum	50	42	36	37	48	56	41	34	33	30	34	36	35	40	42	32	27	36	45	46	42	40	36	33	34	30	38	32	30	24		37.3
Lutherville	Maximum	68	68	67	68	73	76	71	43	53	55	53	67	59	61	64	56	61	73	74	75	74	70	58	58	59	53	54	55	50	55		62.4
	Minimum	50	47	34	34	55	65	38	31	29	30	31	38	34	40	45	31	27	36	46	45	45	39	36	29	35	32	35	30	33	23		37.4
Magnolia	Maximum	82	74	72	71	78	82	80	52	59	62	66	71	71	69	73	66	74	77	77	76	76	73	60	56	61	59	60	65	60	61		68.8
	Minimum	62	52	37	61	49	67	47	32	28	29	30	35	37	43	50	39	40	41	42	42	42	39	37	32	28	32	45	32	32	23		40.2
Mammoth Spring	Maximum	79	63	67	69	71	75	70	43	46	55	52	65	60	66	61	54	61	76	78	76	78	75	47	55	58	57	53	58	55	57		62.7
	Minimum	42	47	29	29	42	59	43	34	31	21	23	37	25	40	39	31	19	29	35	36	35	35	28	23	24	23	29	21	27	15		31.7
Marianna §§	Maximum	80	59	69	76	74	72	62	50	49	56	55	66	63	67	64	50	58	70	75	77	77	55	51	57	62	60	60	60	48	53		62.5
	Minimum	49	53	33	32	33	60	46	32	31	26	29	31	31	31	47	30	24	27	37	42	40	39	31	29	29	29	29	29	32	20		34.4
Marked Tree §§	Maximum	78	52	67	65	75	70	55	46	46	56	52	66	58	68	76	50	57	71	76	75	76	56	51	57	59	59	54	57	46	52		60.9
	Minimum	55	50	35	34	35	39	50	33	33	26	26	28	34	32	33	36	24	28	36	42	42	37	30	27	27	27	28	26	26	19		33.3
Marshall	Maximum	71	64	68	70	74	78	71	68	..	59	60	68	66	69	70	52	65	72	80	78	82	69	58	57	60	60	60	60	52	61		66.3
	Minimum	46	48	32	34	50	60	40	32	29	25	30	43	30	46	47	26	23	47	52	43	51	36	29	23	28	28	33	32	32	24		36.6
Mena	Maximum	70	63	67	70	68	79	64	48	56	61	65	72	70	68	63	57	66	75	76	75	76	63	56	56	60	59	61	62	50	56		64.4
	Minimum	48	46	35	37	53	60	39	28	30	25	31	41	37	39	49	33	31	45	49	49	46	40	34	31	30	31	32	30	30	24		37.8
Monticello ***	Maximum	76	67	66	67	76	73	62	52	52	58	60	69	68	70	72	55	62	73	75	77	74	60	54	57	63	62	59	60	52	58		64.3
	Minimum	62	43	42	39	49	61	46	32	31	30	34	37	43	44	51	35	28	40	43	44	43	42	37	32	33	38	44	38	33	27		40.0
Morrilton §§	Maximum	73	65	69	75	73	80	60	50	55	65	64	67	64	65	60	69	65	75	79	76	75	57	57	57	60	54	56	60	64	62		65.0
	Minimum	46	47	35	35	35	56	47	35	34	28	27	36	31	36	40	39	26	33	39	39	39	40	36	26	27	26	30	27	31	22		34.9
Mountain Home	Maximum	65	67	70	71	72	80	73	50	49	60	55	67	61	70	60	50	67	78	80	76	70	70	53	57	61	55	54	63	45	55		63.5
	Minimum	45	43	30	30	42	57	35	32	31	22	24	37	27	40	35	29	20	30	39	38	35	36	30	25	26	25	26	21	28	16		31.8
Mt. Ida	Maximum	75	70	70	71	75	80	68	50	56	64	64	74	72	67	68	60	67	76	76	77	77	67	57	58	61	55	62	64	58	61		66.7
	Minimum	39	42	28	39	45	52	46	31	25	20	23	28	26	30	44	27	21	27	31	32	30	29	26	19	23	21	29	23	27	14		29.9
Nashville	Maximum	77	75	67	70	73	82	72	51	60	61	64	71	67	67	64	63	67	74	77	75	76	61	58	58	60	57	62	63	55	59		66.2
	Minimum	50	54	37	40	47	56	44	30	27	28	31	32	38	42	46	34	33	36	40	40	40	42	39	34	32	32	37	30	32	24		37.6
Newport	Maximum	71	72	70	70	75	73	67	50	50	59	53	69	60	68	72	60	61	74	78	76	80	65	50	53	60	57	54	58	47	56		63.7
	Minimum	54	52	34	33	48	57	49	38	32	26	30	33	32	32	45	31	23	40	39	42	40	39	33	32	27	25	42	25	30	18		36.0

Daily Temperatures for November, 1943 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Nimrod Dam	Maximum	71	64	68	70	71	78	64	48	52	60	61	69	65	68	67	63	66	77	79	77	78	65	57	59	62	52	58	60	57	61	64.9
	Minimum	43	50	37	36	45	57	42	32	35	27	29	34	31	36	48	34	26	36	41	42	43	39	35	28	28	29	36	29	33	21	36.1
Oden***	Maximum	70	65	69	70	68	79	52	51	55	63	66	71	68	68	67	58	68	77	78	78	78	63	61	59	61	61	57	60	50	61	65.1
	Minimum	61	42	34	35	46	51	40	33	35	26	29	32	32	40	49	36	27	37	42	42	40	36	32	28	28	27	36	28	33	29	36.2
Okay	Maximum	79	74	70	72	76	83	72	51	63	64	66	74	72	69	71	68	67	76	77	77	77	76	62	58	62	58	62	65	63	60	68.8
	Minimum	49	55	33	36	45	65	45	30	25	23	27	26	32	39	47	32	28	32	36	36	34	37	38	30	26	27	40	31	31	19	35.1
Ozark	Maximum	80	64	66	68	76	78	65	45	49	60	62	69	61	62	63	55	62	72	74	74	64	57	56	60	55	56	57	58	55	56	62.6
	Minimum	44	45	34	50	50	62	42	33	29	25	31	31	32	45	42	32	28	32	40	40	44	37	29	31	31	32	33	27	33	21	36.2
Paragould	Maximum	73	65	64	65	70	69	69	68	45	53	50	64	62	64	65	55	54	69	73	66	74	68	48	55	55	57	53	53	50	50	60.9
	Minimum	54	51	34	32	49	55	46	36	32	23	28	31	29	32	44	35	22	35	38	42	40	36	30	27	29	25	40	24	27	18	34.8
Perryville	Maximum	78	68	69	71	75	78	71	61	57	60	56	68	65	69	69	68	68	77	78	78	77	75	66	57	58	56	60	60	53	60	66.9
	Minimum	43	51	33	30	42	55	43	33	31	25	27	30	28	33	45	34	22	28	35	35	34	38	30	21	25	23	35	27	31	17	32.8
Pine Bluff	Maximum	82	73	67	70	73	76	72	51	55	61	58	71	65	69	69	60	64	74	71	78	79	60	54	59	59	59	59	61	53	60	65.4
	Minimum	63	50	38	38	51	52	46	35	31	31	36	37	38	40	51	36	29	39	39	49	43	41	36	31	31	31	33	34	34	24	38.9
Pocahontas	Maximum	76	71	68	71	73	74	68	64	47	58	64	69	77	65	70	56	57	73	76	72	79	78	50	57	59	58	55	55	55	54	65.0
	Minimum	34	37	32	40	43	45	42	37	32	24	29	28	27	33	41	33	21	36	39	46	40	36	30	28	33	25	35	24	30	17	33.2
Portland	Maximum	80	72	68	72	78	74	74	55	59	60	60	71	70	69	73	66	62	71	76	78	79	70	58	56	62	65	58	57	54	59	66.9
	Minimum	63	54	43	34	43	60	49	32	31	29	30	31	35	39	47	37	26	33	34	38	37	39	35	30	28	31	44	40	34	25	37.7
Prescott	Maximum	80	75	67	69	73	81	74	51	60	59	62	70	68	68	69	63	65	74	75	76	75	72	59	55	60	58	59	61	59	58	66.5
	Minimum	56	55	38	39	47	62	46	33	30	29	32	34	39	41	48	36	30	40	42	43	41	42	37	32	33	33	44	35	34	24	39.2
Rogers	Maximum	63	60	63	63	72	76	44	35	43	55	61	62	63	67	59	45	53	62	72	72	73	55	50	53	55	45	48	56	44	53	57.4
	Minimum	44	36	32	35	35	41	34	28	24	25	31	36	45	45	42	26	27	40	47	42	55	38	36	29	36	33	29	26	28	23	35.0
Russellville	Maximum	67	66	72	69	74	79	77	46	52	60	59	69	69	61	67	62	65	76	77	78	76	64	58	58	60	57	56	58	56	59	64.9
	Minimum	44	47	33	33	43	56	42	34	30	26	30	35	30	36	45	33	26	32	38	40	40	42	38	27	28	28	35	29	28	21	35.0
St. Charles §§	Maximum	78	60	69	69	75	73	53	51	52	57	59	59	69	59	70	51	59	72	76	78	72	58	54	48	63	61	61	60	51	55	62.4
	Minimum	62	55	35	35	39	51	49	35	31	27	29	32	33	35	39	32	24	25	38	38	39	38	33	29	26	27	31	31	35	21	35.1
Searcy	Maximum	73	67	65	67	72	75	69	48	51	58	53	68	60	66	70	61	59	71	75	75	76	66	50	55	56	59	53	57	50	55	62.7
	Minimum	51	50	34	34	44	59	46	35	31	28	30	34	33	35	47	30	26	33	37	41	39	39	34	31	30	27	42	28	30	21	36.0
Sheridan	Maximum	79	69	70	69	72	78	72	52	54	61	60	71	70	68	70	63	63	73	77	77	78	68	54	57	59	57	59	61	58	57	65.9
	Minimum	57	52	35	85	45	62	47	31	28	27	30	31	34	36	47	30	25	36	40	42	40	39	33	29	27	28	41	28	33	21	36.3
Siloam Springs	Maximum	69	62	66	68	70	74	47	38	43	57	62	64	64	66	59	48	65	69	75	73	75	65	53	57	59	48	53	54	51	57	60.4
	Minimum	41	34	30	36	40	46	35	28	25	23	32	35	30	50	46	26	26	44	48	42	46	41	41	31	33	33	27	24	27	24	34.8
Stuttgart	Maximum	83	70	68	70	77	75	58	51	51	58	55	69	62	69	69	58	61	73	79	78	79	59	53	56	62	59	56	59	50	56	64.1
	Minimum	59	53	36	36	44	54	45	32	29	28	32	33	32	38	48	31	26	33	42	42	39	39	34	30	29	31	44	32	33	21	36.8
Stuttgart Evap. §§	Maximum	81	60	68	68	74	73	52	50	51	57	55	67	63	69	68	50	60	72	75	76	76	58	53	58	61	61	58	59	49	55	62.6
	Minimum	60	52	34	35	36	47	48	31	30	28	28	32	32	38	45	31	24	32	35	38	38	39	34	30	31	29	40	31	31	20	35.3
Subiaco	Maximum	69	63	66	71	74	79	63	45	50	58	57	67	65	62	62	61	63	77	75	76	76	70	57	58	58	54	55	57	55	57	63.3
	Minimum	48	47	36	36	36	57	39	32	30	30	36	36	38	40	46	32	27	35	44	41	45	43	39	31	35	31	37	30	33	23	37.2
Texarkana***	Maximum	79	64	67	71	76	82	69	50	60	60	65	72	70	67	68	61	67	74	75	75	76	63	58	55	61	57	59	62	54	60	65.9
	Minimum	62	45	41	44	54	53	37	32	31	30	34	35	40	44	52	28	36	43	44	48	46	42	39	34	32	34	42	39	34	26	40.4
Turnpike	Maximum	68	60	64	64	70	73	54	36	48	57	54	62	58	61	63	50	58	70	74	71	73	60	50	55	58	53	55	55	50	53	59.2
	Minimum	55	39	44	44	48	49	33	25	22	27	27	38	36	42	45	25	30	44	50	53	52	32	30	25	36	37	31	32	26	25	36.7
Waldron	Maximum	76	62	67	70	67	80	69	48	49	60	66	66	69	68	69	58	68	82	79	77	77	71	57	56	59	54	57	60	56	61	65.3
	Minimum	41	43	30	34	44	55	40	31	30	22	27	30	29	36	41	29	25	31	35	36	36	39	33	27	25	26	30	25	30	28	32.9
Warren	Maximum	83	77	69	70	77	76	72	60	57	60	63	70	70	69	73	64	63	73	75	77	78	77	60	57	62	60	61	62	54	60	67.6
	Minimum	63	54	38	37	50	63	49	34	30	29	33	36	36	40	48	35	27	38	39	42	44	40	37	30	29	31	45	37	36	24	39.2
White Rock	Maximum	64	60	62	63	67	70	46	37	46	57	53	63	55	61	56	49	58	68	72	70	70	60	55	53	55	52	53	54	44	53	57.5
	Minimum	53	38	40	41	49	42	28	22	19	24	32	40	41	43	44	22	35	45	48	49	49	39	33	28	36	36	29	30	22	25	36.1
Wilson	Maximum	81	65	65	66	74	71	67	47	45	53	51	64	69	65	69	68	65	67	69	73	73	70	50	56	57	58	60	56	48	56	62.6
	Minimum	63		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	41	39	35	26	24	26	28	32	25	29	18	....
Wynne	Maximum	80	68	67	68	75	75	68	65	63	57	52	66	63	69	66	61	52	72	78	75	79	70	49	56	62	57	55	59	58	54	64.6
	Minimum	68	58	48	57	52	63	45	34	29	23	43	44	31	33	51	30	21	40	47	46	42	37	30	30	27	26	38	26	37	15	39.0

Daily River Stages for November, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	8.0	7.8	7.7	7.6	7.5	7.4	7.4	7.4	7.2	7.2	7.1	6.7	6.6	6.4	6.1	6.3	6.2	6.1	6.2	6.2	6.2	6.2	6.1	6.0	5.7	5.8	6.0	5.8	5.7	5.7
Van Buren	do	22	7.2	6.9	6.7	6.6	6.2	6.4	6.3	6.2	6.0	6.0	5.8	5.2	5.0	4.9	4.2	4.7	4.7	4.6	4.5	4.7	4.7	4.6	4.3	4.3	3.8	3.8	4.0	4.0	3.6	3.8
Danville	Petit Jean	20	2.4	2.5	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6
Ozark	Arkansas	22	3.9	3.6	3.3	3.0	2.9	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0
Dardanelle	do	22	7.5	6.9	6.5	6.2	6.0	5.7	5.8	5.7	5.4	5.3	5.3	5.2	5.2	4.8	4.6	4.5	4.0	3.9	3.8	3.8	3.7	3.7	3.8	3.8	3.8	3.6	3.7	3.5	3.4	3.4
Morrilton	do	20	3.3	2.6	2.0	1.1	1.4	1.4	1.3	1.0	1.1	1.2	1.0	0.8	0.7	0.2	0.3	0.0	0.0	-0.1	-0.2	-0.2	-0.3	-0.4	-0.5	-0.4	-0.3	-0.4	-0.4	-0.6	-0.5	-0.6
Little Rock	do	23	5.5	4.8	4.3	3.9	3.7	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.6	2.4	2.2	2.0	2.1	2.1	1.9	1.9	2.0	2.0	1.9	1.8	1.7	1.6	1.6
Pine Bluff	do	25	7.8	7.2	6.6	6.0	5.5	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.2	3.0	2.8	2.7	2.7	2.7	2.7	2.6	2.5	2.4	2.3
Gilbert	Buffalo	30	3.5	3.5	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.3	3.3
Black Rock	Black	14	1.8	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.5	1.4	1.4	1.3	1.3	1.2	1.2
Heber Springs	Little Red	30	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.5	1.6	1.8	1.8	1.8	1.8	1.8	1.8
OzarkBeach Mo	White	30	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Cotter	do	21	3.1	2.2	2.2	1.8	1.7	1.5	1.5	1.8	1.6	2.1	2.2	2.2	2.1	2.9	2.5	1.7	1.5	1.4	1.4	1.4	1.4	1.6	1.6	1.5	1.6	1.6	1.6	1.4	1.4	1.5
Calico Rock	do	18	1.5	1.8	1.1	1.3	0.7	0.4	1.0	1.3	1.6	1.1	1.3	1.0	0.9	1.3	1.6	1.1	0.6	0.5	0.7	0.6	0.5	0.5	0.4	0.4	0.2	0.4	0.5	0.4	0.4	0.4
Batesville	do	23	5.9	5.8	6.0	5.6	5.6	5.4	5.2	5.2	5.5	5.7	5.5	6.0	5.5	5.4	5.6	5.8	5.5	5.3	5.1	5.3	5.2	5.2	5.2	5.0	5.1	5.1	5.0	5.0	5.1	4.9
Newport	do	26	0.5	0.5	0.5	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.4	0.2	0.0	-0.1	0.2	0.1	0.0	-0.1	-0.1	-0.1	-0.2	-0.3	-0.4	-0.4	-0.5	-0.4	-0.3
Georgetown	do	21	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.2	0.1	0.0	0.0	-0.1	-0.2	-0.2
Des Arc	do	24	3.1	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.0	2.8	2.5	2.8	2.8	3.0	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.6	2.6	2.5	2.4	2.4	2.3
Clarendon	do	26	7.0	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.1	7.0	6.9	6.9	7.0	7.1	7.2	7.2	7.2	7.1	7.1	7.1	7.0	6.9	6.8	6.8	6.7	6.7	6.6	6.5	6.5
St. Charles	do	25	7.0	7.2	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.3	7.2	7.1	7.0	7.1	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2	7.1	7.0	7.0	6.9	6.8	6.8	6.7
Glenwood	Caddo	..	5.7	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
Arkadelphia	Ouachita	17	4.0	4.0	4.5	4.6	4.6	4.5	4.4	4.2	4.2	4.3	4.0	4.0	4.1	3.9	3.8	3.9	3.8	3.8	3.8	3.8	3.9	3.9	3.8	3.7	3.8	3.8	3.8	4.0	3.9	3.8
Boughton	Little Mo.	20	3.9	3.8	4.0	5.1	5.2	5.2	5.0	4.9	4.9	4.9	4.8	4.7	4.7	4.6	4.6	4.6	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.0	4.0	4.0	3.9	3.9
Camden	Ouachita	26	4.3	4.4	4.3	4.2	4.1	4.5	4.9	4.7	4.5	4.2	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.2
Benton	Saline	20	3.6	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
Index	Red	25	5.7	5.8	5.8	6.4	6.4	7.4	7.2	6.5	6.5	6.5	6.2	6.2	6.2	6.0	5.8	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4
Fulton	do	25	6.2	6.3	6.4	7.5	8.9	9.2	9.0	8.6	8.0	7.7	7.5	7.3	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.0	6.0
Big Lake Outlet	St. Francis	10	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7
St. Francis	do	18	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.9	4.2	4.2	4.0	3.9	3.8	3.8	3.7	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6
St. Francis L.L.	do	..	15.8	14.5	15.8	16.7	17.4	17.9	17.9	17.5	17.7	18.0	17.6	16.9	17.0	17.8	17.6	17.0	16.4	17.4	17.9	17.9	18.0	18.5	18.0	17.4	16.8	16.3	17.1	17.8	18.1	17.8
Marked Tree	do	17	3.1	2.9	1.0	0.5	0.5	0.5	1.9	3.0	1.5	0.6	3.2	3.4	1.5	0.5	2.5	3.4	3.3	0.9	0.6	2.6	2.0	0.5	3.3	3.5	3.4	3.3	1.0	0.6	0.5	3.3
Parkin	do	28	1.1	2.5	2.6	2.6	1.3	1.0	0.9	1.6	1.8	2.2	1.5	1.6	2.7	2.5	1.6	1.0	2.5	2.8	2.1	1.2	1.0	2.0	1.5	1.5	2.8	3.0	3.0	2.1	1.3	1.0
Madison	do	32	0.0	0.1	0.9	1.1	0.8	0.5	0.2	0.0	0.3	0.6	0.5	0.4	0.4	1.1	1.0	0.5	0.2	0.8	1.2	0.9	0.5	0.1	0.5	0.3	0.5	1.2	1.3	1.1	0.8	0.6
Helena	Mississippi	42	5.5	5.0	4.5	4.5	4.8	4.9	5.4	5.3	4.9	4.9	5.5	5.9	6.0	6.6	7.1	7.8	8.2	8.4	8.3	7.6	7.2	7.2	7.2	7.1	6.7	6.2	6.0	5.8	5.6	5.2
Arkansas City	do	42	4.0	4.4	4.0	3.5	3.3	3.3	3.4	3.5	3.6	3.2	3.1	3.4	3.7	3.8	4.1	4.5	4.9	5.3	5.6	5.5	5.0	4.7	4.5	4.5	4.4	4.1	3.9	3.6	3.4	3.2

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a}, ^{b}, ^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ^{1}Precipitation is for the 24-hour period, midnight to midnight. ^{2}Precipitation measured in morning: amount recorded is for the preceding 24 hours. ^{3}Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila: Boughton, Route 4, Prescott; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1. Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLVIII LITTLE ROCK, ARK., DECEMBER, 1943 No. 12

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

With temperatures averaging over 2° below normal, this was the coldest December since 1935. The first decade was mild, the remainder of the month quite cold. The highest temperatures of the month occurred on the 2d or 9th at most stations, reaching 80° at some stations in the southern districts. Temperatures were almost continually below normal after the 10th, with freezing weather on many mornings, and throughout the day on several occasions. A moderately severe cold wave overspread the State on the 14th and 15th, causing sub-zero temperatures in the northwestern section, and minima of 10° in the southeastern districts.

Although precipitation for the State was 18% below normal, December was the third wettest month of the year. Most of the precipitation fell in two periods, 5th to 10th, and 24th to 27th. The heaviest rains occurred on the night of the 5th and 6th, some stations reporting more than two inches in 24 hours. Freezing rains fell on the 24th and 25th, coating highways with a layer of ice. Power and communication lines were broken, highway traffic greatly impeded, and several people were injured by falling, or in traffic accidents. Rivers in the State were at low stages all month.

The soil moisture situation improved during December, and winter grains and cover crops were benefited. Some plowing was accomplished before the severe freeze of the 15th. The main farm activities of the month were butchering, cutting spinach, threshing peanuts and cutting wood.

TEMPERATURE

The mean temperature for the State, as determined from the records of 78 stations, was 40.7°, which is 2.1° below the 53-year average for December. The highest monthly mean temperature was 46.8° at El Dorado, and the lowest was 35.3° at Bentonville. The highest temperature recorded was 82° at Arkadelphia on the 9th, and the lowest was —5° at White Rock on the 15th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 107 stations, was 3.43 inches, which is 0.77 inch below the 53-year average for December. The greatest monthly total was 5.58 inches at Mena, and the least was 1,88 inches at Corning. The greatest amount recorded in a 24 hour period was 2.34 inches at Mena on the 5th-6th. Snowfall averaged 0.7 inch, ranging from a trace at many stations to 1.5 inches at Lead Hill.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:--1,6,14,15,16,23,28.

Glaze:---23.24,25,26,27,28,29.

Sleet:---14,22,23,24,25,26,29.

Heavy Fog:---3,4,5,6,7,8,9,10,25,26,27,28,29,31.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.74	17	29.81	1	6.7	24	e.	9	84	74	76	39	779
Little Rock	30.77	17	29.87	1	7.8	25	nw.	28	84	67	75	43	759
Memphis .	30.37	17	29.88	2	7.7	21	sw.	6	80	65	72	47	755

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	72	13	4.69	.....	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	− 6	4.42	1.3	6	12	6	13
1902	40.8	75	5	5.71	3.3	8	10	6	15
1903	39.7	74	6	8.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0.7	7	12	6	13
1908	46.0	82	11	1.50	0.2	5	13	7	11
1909	35.3	82	1	5.26	3.2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1.0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43.6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.8	7	12	4	15
1916	42.1	82	−16	3.35	4.5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	3	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43.2	74	6	5.95	0.4	8	13	5	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6.24	T.	13	9	5	17
1924	41.4	86	− 8	5.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.18	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0.9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41.5	74	4	3.78	0.2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.32	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
1938	44.6	74	6	2.93	T.	7	13	7	11
1939	45.5	84	5	2.46	1.4	5	16	5	10
1940	46.7	77	14	3.90	T	9	13	5	13
1941	44.7	80	14	3.67	0.3	7	11	8	12
1942	42.7	80	16	4.87	0.6	10	8	5	18
1943	40.7	82	− 5	3.43	0.7	7	9	6	16
Period	42.8	88	−21	4.20	1.1	8	12	6	13

Corrections:--November [illegible]

B.N.W.

NAT. HIST.

Climatological Data for December, 1943

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork .... †	Saline	755	6	42.6	......	72	2	5	15	3.77	......	1.53	6	T.	8	9	7	15	w.	L. R. Water Works
Arkadelphia	Clark	200	47	42.0	......	82	9	13	16§	3.16	−1.72	1.30	5	0.0	6	7	10	14	ne.	George S Dews
Arkansas City	Desha	145	58	......	......	......	......	......	......	3.04	−2.94	1.34	25	0.0	8	10	2	19	......	John W. Trammell
Batesville Airway	Independence	363	6	35.6	−1.4	68	2	9	15	3.06	......	0.96	5	T.	9	12	5	14	n.	Airway Observer
Batesville Livestk.	Independence	....	2	37.4	......	66	2	4	15	2.68	......	0.95	5−6	0.0	5	10	9	12	ne.	University of Arkansas
Batesville River	Independence	277	43	......	......	......	......	......	......	3.01	−0.91	0.92	5−6	T.	7	13	7	11	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	50	39.6	−2.4	68	2	6	15	3.20	−0.97	1.20	5−6	0.0	5	10	8	13	e.	Miss Minnie Scanlan
Benton	Saline	285	7	37.6	......	72	2	7	16	3.77	......	0.98	5−6	0.6	8	13	9	9	n.	S. A. Burks
Bentonville	Benton	1295	37	35.3	−3.1	61	4	3	15	2.79	+0.41	1.35	28	T.	8	12	3	16	n.	E. L, Browne
Bethesda †	Independence	500	3	37.4	......	72	9	6	15§	2.53	....	0.96	5−6	0.0	5	10	9	12	ne.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	12	......	......	......	......	......	......	4.52	+0.20	0.98	5−6	T.	9	11	4	16	......	C. J. Brooks
Black Rock	Lawrence	259	41	......	......	......	......	......	......	2.65	−1.45	1.05	5	0.0	8	16	0	15	......	Vernon C. Howe
Bluff City	Nevada	....	2	45.2	......	78	9	11	16	3.46	......	0.95	24−25	0.0	7	10	4	17	n.	Ark. Forestry Com.
Blytheville	Mississippi	252	17	38.0	−4.6	71	13	6	15	4.40	+0.06	1.59	24−25	T.	7	13	5	13	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	28	41.0	−2.8	71	2	9	15	2.79	−0.25	...	......	T.	8	10	6	15	w.	F. H. Randolph
Boughton †	Clark	235	7	......	......	......	......	......	......	3.58	......	1.26	5	0.0	7	10	2	19	......	Mrs. Ruby Brown
Brinkley	Monroe	205	51	39.8	−4.0	70	6	10	15§	2.48	−2.63	0.74	24−25	T.	11	5	5	21	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	38	......	......	......	......	......	......	2.79	−0.79	0.99	5	0.0	6	8	5	18	......	William Jones
Camden	Ouachita	116	57	45.8	+0.8	79	9	11	16	3.09	−2.08	0.81	5−6	0.0	7	8	8	15	s.	J. M. Knight
Camp Robinson	Pulaski	463	2	39.4	......	75	3	10	16	3.27	......	0.99	5−6	0.0	10	5	9	17	ne.	U. S Army
Clarendon	Monroe	172	38	......	......	......	......	......	......	2.65	−2.40	0.91	24−25	T.	9	7	5	19	......	B. F. Northern
Conway	Faulkner	309	59	41.0	−1.8	75	2	12	16	4.14	−0.10	1.33	6	0.0	7	12	3	16	n.	F. E. Cordrey
Corning	Clay	293	49	36.8	−3.1	65	4	5	15	1.88	−1.99	0.90	5−6	T.	6	7	5	19	n.	Robert B. Polk
Cotter	Baxter	440	15	......	......	......	......	......	......	2.91	−0.39	1.01	27−28	1.5	6	8	8	15	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	30	45.9	−0.7	79	9	8	16	3.48	−2.58	0.70	24−25	T.	8	13	3	15	n.	U. S. Forest Service
Danville	Yell	327	26	......	......	......	......	......	......	4.69	+1.20	1.64	5	0.0	9	14	8	9	......	J. M. Patterson
Dardanelle	Yell	330	56	41.4	−1.0	71	2	9	15	3.71	+0.14	1.47	5	0.0	7	4	9	18	e.	Geo. N. Goodier
DeQueen	Sevier	426	7	43.6	......	77	9	15	16	2.84	.....	1.06	10	0.2	5	14	4	13	......	L. D. McCown
Des Arc	Prairie	204	4	41.3	......	70	2	9	15§	3.77	......	0.89	5−6	0.0	8	5	4	22	ne.	Z. R. Glenn
Devils Knob †	Johnson	2350	6	35.6[b]	......	60[b]	2	−4[b]	15	3.51	......	1.11	5−6	T.	9	13	2	16	sw.	U.S. Forest Service
Dumas	Desha	162	37	44.2	−2.4	76	2§	12	16	3.18	−3.11	1.41	24−25	0.0	8	6	10	15	n,	Ben Johnson
El Dorado	Union	270	42	46.8	0.0	78	9	14	16	4.44	−1.77	2.03	24	0.0	8	11	4	16	n.	Mrs. E. W. Gaston
England	Lonoke	229	36	......	......	......	......	......	......	....	......	....	......	...	......	......	......	..	......	O. V. Halbrook
Eureka Springs	Carroll	1465	42	36.1	−3.7	60	1§	−1	15	3.07	+0.27	1.48	27−28	1.0	7	12	6	13	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	5	38.0	......	61	2	1	15	2.87	......	1.29	27−28	0.1	9	4	9	18	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	55	37.0	−3.0	61	2	0	15	3.11	+0.41	0.94	26−27	T	8	9	10	12	sw	University of Arkansas
Fordyce	Dallas	280	2	45.4	......	77	9	12	16	1.91	......	0.58	10	0.0	6	7	12	12	ne.	Ark. Forestry Com
Fort Smith	Sebastian	448	61	40.0	−2.1	66	2	8	15	2.57	−0.10	0.98	5	T.	6	6	10	15	e.	U. S. Weather Bureau
Fort Smith Wtr.P. ....†	Crawford	793	5	......	......	......	......	......	......	2.87	......	1.25	5	0.0	5	11	5	15	......	Ft. Smith Water Plant
Fulton	Hempstead	260	57	......	......	......	......	......	......	4.49	+0.27	1.52	5−6	0.0	6	7	3	21	......	Ina J. Logan
Georgetown	White	200	30	......	......	......	......	......	......	3.73	−0.72	0.81	8−9	0.0	7	12	3	16	......	C. G. Long
Gilbert	Searcy	600	17	37.0	......	68	4	3	15	2.66	−0.67	0.99	5−6	0.0	6	13	2	16	e.	F. E. King
Glenwood	Pike	547	7	......	......	......	......	......	......	3.97	......	1.37	6−7	T.	6	7	0	24	......	Chas. A. Price
Grannis	Polk	950	23	43.1	−1.5	72	9	12	16	5.36	+0.48	1.43	5−6	0.2	14	11	6	14	se.	W. E. McVay
Gravette	Benton	1250	45	36.0	−2.2	60	1§	−2	15	3.05	+0.64	1.40	27−28	T.	5	9	4	18	nw.	Julius A. Schmidt
Green Mountain ....†	Stone	1100	5	38.8	......	65	2§	1	15	2.67	......	1.00	5−6	0.0	4	8	10	13	n.	U. S. Forest Service
Harrison	Boone	1052	42	37.2	−0.8	68	4	0	15	2.35	−0.51	0.73	27−28	0.0	6	9	9	13	n.	J. M. McGaughey
Heber Springs(near)	Cleburne	272	13	......	......	......	......	......	......	3.31	−0.16	1.20	5	T.	7	7	8	16	......	Lester B. Logan
Helena	Phillips	300	70	42.4	−2.2	73	2	10	16	3.73	−1.70	1.40	24−25	T	8	6	5	20	ne.	James A. Burnett
Highland	Pike	491	23	44.8[c]	−2.9	77[c]	9	12[c]	16	2.85	−1.41	1.00	10	0.0	6	7	8	16	ne.	Clyde Cooley
Hope 3 miles e. ....‡‡	Hempstead	375	72	42.1	−4.9	80	9	12	16	4.27	−0.50	1.48	5	0.0	8	1	19	11	e.	University of Arkansas
Hot Springs	Garland	600	51	43.0	−1.1	71	2	10	16	3.81	−0.86	1.15	5	0.6	9	8	10	13	s.	National Park Service
Index ....†	Little River	275	25	......	......	......	......	......	......	3.95	+0.24	1.95	5−6	0.0	6	14	2	15	......	W. F. McDowell
Jessieville	Garland	750	16	......	......	......	......	......	......	4.15	−0.43	1.65	5−6	0.0	6	9	10	12	......	U. S. Forest Service
Jonesboro	Craighead	345	47	39.8	−1.6	68	2	8	15	3.20	−1.43	0.66	5−6	T	8	10	5	16	ne.	Benedictine Sisters
Lead Hill	Boone	650	36	36.0	−3.8	64	1§	2	15	2.69	0.00	0.76	28	1.5	8	13	1	17	nw.	J. H. Crosswhite
Little Rock	Pulaski	257	63	40.5	−3.7	72	2	14	16	3.34	−0.80	1.01	5−6	T.	9	5	8	18	ne.	U. S. Weather Bureau
Lutherville ....†	Johnson	775	44	39.6	−1.8	68	2	4	15	3.10	−0.84	1.47	5−6	T.	8	8	5	18	w.	Clarence Lenhardt
Madison	St. Francis	209	12	......	......	......	......	......	......	3.26	−2.34	1.20	23−24	T.	7	3	1	27	......	J. W. Eppes
Magnolia	Columbia	315	26	46.4[a]	−1.6	79	9	14[a]	16	3.96	−1.33	1.26	24−25	0.0	5	5	11	15	ne.	State Agri School
Mammoth Spring	Fulton	600	38	36.6	−2.8	65	4	3	15	2.41	−0.97	0.94	5	T.	6	10	5	16	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	31	39.8	−3.9	70	2	12	15§	3.82	−0.97	0.85	10	0.0	4	5	8	18	n.	University of Arkansas
Marked Tree	Poinsett	229	38	37.8	−3.4	70	2	9	15§	4.31	−0.33	1.20	8−9	T.	9	6	13	12	s.	Charles Walton
Marshall	Searcy	1050	..	39.2	−2.6	67	4§	3	15	3.06	......	0.95	28	T.	9	11	7	13	n.	W. F. Reeves
Mena	Polk	1207	54	41.0	−1.6	67	2	11	15	5.58	+1.61	2.34	5−6	T.	8	10	6	15	sw.	E. W. St. John
Monticello	Drew	273	2	44.4	......	79	9	14	16	2.94	......	0.99	27	T.	8	9	5	17	n.	Airway Observer
Morrilton ....†	Conway	315	26	41.3	−2.4	75	2	10	15	3.88	0.00	1.27	5	0.0	8	7	8	16	nw.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	5	......	......	......	......	......	......	3.01	......	1.35	5−6	0.0	6	7	6	18	n.	C. A. Lovell
Mountain Home ...†	Baxter	800	30	37.6	−2.8	67	4	2	15	2.70	−0.66	1.00	5−6	T.	6	9	5	17	nw.	H. N. Halbert
Mountain Valley	Garland	788	5	......	......	......	......	......	......	3.81	......	1.57	6	0.0	4	7	7	17	s.	C. A. Cockman
Mount Ida	Montgomery	702	43	40.4	−2.4	72	2	4	16	4.05	−0.05	1.68	5−6	0.0	10	8	6	17	w.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	4	......	......	......	......	......	......	3.64	......	1.74	5	0.0	9	12	2	17	......	Clifton H. Ward
Nashville	Howard	350	4	44.4	......	80	9	15	16	3.92	......	1.75	5−6	0.0	7	14	4	13	e.	Carter Day
Newport	Jackson	231	59	40.5	−1.7	71	2	10	15	3.84	−0.37	0.80	25	T.	7	13	3	15	sw,	W. T. Moyer
Nimrod Dam	Perry	475	1	41.4	......	72	2	9	16	4.18	......	1.69	5−6	0.0	9	9	8	14	e.	U. S. Engineers
Oden	Montgomery	800	15	41.6	......	71	2	−3	16	4.79	+0.99	1.49	5−6	1.0	11	9	7	15	se.	U. S. Forest Service
Okay	Howard	288	14	44.8	−2.2	80	9	14	16	4.38	−0.36	1.64	5−6	0.0	10	8	8	15	sw.	Charles R. Jackson
Osceola	Mississippi	250	42	......	......	......	......	......	......	4.38	+0.10	1.04	8−9	T	10	12	7	12	......	G. H. Banks
Ozark	Franklin	396	47	39.8	−1.4	68	2	8	15	3.42	+0.03	1.59	5−6	0.0	6	7	9	15	e.	Orkney O. Milton
Paragould	Greene	275	19	38.4	......	65	2	8	15	3.26	−1.27	0.72	5−6	0.4	8	10	7	14	sw.	J. E. Garrett
Parkin	Cross	222	12	......	......	......	......	......	......	3.90	−1.32	1.27	24−25	T.	7	10	5	16	......	Carroll King
Perryville	Perry	325	3	40.8	−0.3	71	2	9	16	3.38	−0.60	1.27	6	0.0	5	10	5	16	......	Lillie Cranford
Pine Bluff	Jefferson	215	55	44.5	−0.6	75	2	14	16	2.52	−3.04	0.87	24−25	T.	7	9	7	15	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	18	......	......	......	......	......	......	3.72	−0.73	1.45	5−6	T.	6	7	9	15	nw.	J. R. Huddleston
Pocahontas	Randolph	300	49	38.7	−1.5	65	4§	5	15	2.53	−1.50	0.90	6	T.	7	10	5	16	n.	Benedictine Sisters
Portland	Ashley	122	36	46.3	−1.3	80	9	13	16	3.71	−2.46	1.35	24−25	T.	6	9	10	12	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	54	45.0	−0.8	79	9	13	16	3.88	−0.67	1.28	5	T.	7	10	4	17	n.	W. R. Hambright
Rogers	Benton	1300	52	35.6	−3.4	58	4	−3	15	2.84	+0.50	1.03	26−27	T.	9	12	6	13	ne.	Howard Fowler
Rosebud	Faulkner	680	8	......	......	......	......	......	......	3.60	......	1.46	8	T.	7	13	8	10	e.	G. A. Maddox
Russellville ....‡‡	Pope	526	35	41.8	+1.3	70	2	9	15	3.86	+0.85	1.55	5−6	0.0	5	13	8	10	w.	U.S. Forest Service
St. Charles	Arkansas	175	9	42.4	......	74	2	11	16	3.60	......	1.75	24−25	0.0	6	4	7	20	n.	U. S. Biological Survey
St. Francis	Clay	290	15	......	......	......	......	......	......	2.41	−1.96	0.96	5−6	0.0	6	13	0	18	......	W. S. Buckley
Searcy	White	245	32	40.0	−2.8	70	2	11	15	4.29	+0.05	2.09	8−9	0.0	7	9	5	17	ne.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	2	42.8	......	73	2	8	16	2.87	......	1.10	27−28	0.2	11	7	8	16	ne.	Ark. Forestry Com.
Siloam Springs	Benton	1150	2	36.6	......	62	8	1	15	3.03	......	1.06	26−27	T.	9	12	6	13	n.	John Brown University
Springbank ....†	Miller	240	33	......	......	......	......	......	......	3.35	−1.57	1.58	5−6	0.0	6	9	1	21	......	Henry Field
Story	Montgomery	650	18	......	......	......	......	......	......	3.05	−2.04	1.83	5−6	0.0	5	16	2	13	ne.	S. C. Story
Stuttgart	Arkansas	214	55	42.8	−1.2	72	2	12	16	3.10	−2.02	1.10	24−25	0.0	7	14	4	13	w.	Mrs. B. E. Swim
Stuttgart 9 miles e ‡‡	Arkansas	198	7	40.9	......	72	2	12	15	2.70	......	1.20	24−25	0.0	7	......	......	..	......	University of Arkansa
Subiaco	Logan	750	44	41.3	−1.4	67	2	9	15	3.02	−0.25	1.33	5−6	T.	9	10	5	16	ne.	New Subiaco Abbey

Climatological Data for December, 1943 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	58	44.5	− 2.4	77	9	16	16	3.55	−0.80	1.50	5	0.0	7	8	8	15	sw.	U. S. Weather Bureau
Turnpike †	Pope	2240	18	36.6	......	65	2	− 4	15	3.63	−0.56	1.83	5−6	T.	7	12	4	15	sw.	U. S. Forest Service
Waldron	Scott	675	23	40.1	......	70	2	10	15†	3.42	−0.21	1.45	5−6	0.0	5	5	12	14	nw.	William D. Bivens
Warren	Bradley	206	48	46.0	+ 0.8	80	9	14	16	3.15	−2.78	1.84	24−25	T.	5	1	8	22	nw.	C. N. Turner
Whitecliffs	Little River	290	36	....	......	......	......	......	......	5.35	+1.32	2.00	5−6	T.	7	14	3	14	......	L. M. Snead
White Rock †	Franklin	2285	6	36.6	......	61	2	− 5	15	3.15	......	1.52	5−6	T	6	12	1	18	sw.	U. S. Forest Service
Wilson	Mississippi	237	17	40.5	− 1.3	71	2	7	16	4.74	−0.28	1.50	24−25	T.	4	16	0	15	n.	D. O. Anderson
Wynne	Cross	167	34	40.0	− 2.6	71	2	9	16	3.96	−0.89	0.86	9	T.	8	11	3	17	n.	C. B. Bailey
State Means	......	..	..	40.7	− 2.1	82	9	− 5	15	3.43	−0.77	2.34	5−6	0.7	7	9	6	16	n.	

Daily Precipitation for December, 1943

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Alum Fork Reser.	Ouachita	T	....	....	....	....	....	1.53	....	.53	.84	....	....	....	T.	....	....	....	....	....	....	....	....	....	.10	.16	.03	.04	.54	....	....	....	3.77
Arkadelphia[2]	Ouachita	....	....	....	....	....	1.30	....	T.	T.	T.	.35	....	....	T	....	....	....	....	....	....	....	....	.06	....	.40	.30	....	.75	....	....	....	3.16
Arkansas City[2]	Mississippi	....	....	....	....	....	.55	....	....	....	....	.20	....	....	.02	....	T	....	....	....	....	....	....	.36	.04	1.34	.14	....	.59	T.	T	....	3.04
Augusta[2]	White	....	....	....	....	....	.75	....	....	1.05	.09	.75	....	....	T.	....	....	....	....	....	....	....	....	....	....	.64	.60	....	.53	....	....	....	4.41
Batesville Air'y[1]	White	....	....	....	....	.96	....	.01	.19	.30	.51	....	....	....	T.	....	....	....	....	....	....	....	....	....	.30	.07	T	.47	.14	....	....	....	2.95
Batesville Livestk[2]	White	....	....	....	....	....	.95	....	....	....	*	.87	....	....	....	....	....	....	....	....	....	....	....	....	....	.26	....	....	.60	....	....	....	2.68
Batesville River[2]	White	....	....	....	....	....	.92	....	....	.30	.20	.52	....	....	....	T.	....	....	....	....	....	....	....	....	....	.43	.06	....	.58	T.	T.	....	3.01
Beaty Lake	St. Francis	....	T	....	....	....	.60	....	.34	.36	.71	.06	....	....	T.	....	....	....	....	....	....	....	....	....	.06	1.01	.16	....	.61	T.	....	....	3.91
Bee Branch	Arkansas	....	....	....	....	....	1.20	....	.70	....	.65	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	.55	....	....	....	3.20
Beech Grove	White	....	....	....	....	....	.80	....	.10	.10	.50	....	....	....	.05	....	....	....	....	....	....	....	....	....	....	....	.30	....	.50	....	....	....	2.35
Beedeville[2]	White	....	....	....	....	....	.61	....	....	.95	.08	.65	....	....	....	T.	....	....	....	....	....	....	....	....	....	.72	.29	.01	.45	....	....	....	3.67
Benton[2]	Saline	....	....	....	....	....	.98	....	....	.32	.10	.96	....	....	....	T.	....	....	....	....	....	....	....	.03	....	.26	.19	....	.93	....	....	....	3.77
Bentonville[2]	Arkansas	.03	....	....	....	....	.42	....	.25	.39	.24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	....	.02	1.35	....	....	....	2.79
Bethesda[2]	White	....	....	....	....	....	.96	....	....	....	.79	....	....	....	....	....	....	....	....	....	....	....	....	....	....	*	.25	....	.53	....	....	....	2.53
Big Lake Outlet[2]	St. Francis	....	....	....	....	....	.98	....	....	.72	.11	.41	....	....	T	.09	....	....	....	....	....	....	....	....	....	.70	.86	....	.59	.06	....	....	4.52
Black Rock[2]	White	....	....	....	....	....	1.05	....	....	.19	.06	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	.21	.29	.05	.55	T.	....	....	2.65
Bluff City	Ouachita	....	....	....	....	....	1.01	....	.07	....	.78	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	.50	....	.28	.37	....	....	....	3.46
Blytheville[2]	St. Francis	....	....	....	....	....	1.07	....	....	.60	.27	.31	....	....	T.	....	....	....	....	....	....	....	....	....	.33	1.59	....	.23	....	....	....	....	4.40
Booneville 3 mi. w	Arkansas	....	....	....	....	*	1.06	....	*	.72	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.11	....	*	.60	....	....	....	2.79
Booneville[2]	Arkansas	....	....	....	....	....	1.31	....	....	.20	.40	.32	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	....	....	.49	.01	....	....	2.82
Boughton[2]	Ouachita	....	....	....	....	....	1.26	....	....	.13	....	.80	....	....	....	....	....	....	....	....	....	....	....	....	....	.22	.42	....	.50	.25	....	....	3.58
Brinkley[1]	White	....	T.	....	....	.21	.26	....	.14	.07	.52	....	....	....	.01	T	....	....	....	....	....	....	....	....	.38	.48	T.	.33	.07	.01	....	....	2.48
Burdette	Mississippi	....	....	....	....	....	.82	....	....	1.11	.51	....	....	....	....	....	....	....	....	....	T.	....	....	....	.10	1.25	.22	....	.73	....	....	....	4.74
Calico Rock[2]	White	....	....	....	....	....	.99	....	....	.45	.20	.50	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.05	....	.60	....	....	....	2.79
Camden[2]	Ouachita	....	....	....	....	....	.81	....	....	.10	....	.35	....	....	....	....	....	....	....	....	....	....	....	.13	....	.56	.59	....	.55	....	....	....	3.09
Camp Robinson[1]	Arkansas	....	....	....	....	.47	.52	....	.18	.18	.50	....	....	....	....	....	....	....	....	....	....	....	....	....	.11	.45	.25	.55	.06	....	....	....	3.27
Carlisle[2]	Arkansas	....	....	....	....	....	.73	....	....	.10	.02	.68	....	....	....	T	....	....	....	....	....	....	T	....	....	.88	.07	....	.57	....	....	....	3.05
Clarendon[2]	White	....	....	....	....	....	.30	....	....	.06	.01	.44	....	....	....	.01	....	....	....	....	....	....	....	T	....	.91	.25	T	.65	.02	....	....	2.65
Cold Springs[2]	Ouachita	....	....	....	....	....	1.63	....	....	*	.63	.90	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.29	....	.57	....	....	....	4.02
Conway	Arkansas	....	....	....	....	....	1.33	....	....	.89	.84	....	....	....	.04	....	....	....	....	....	....	....	....	....	T.	.38	....	.06	.60	....	....	....	4.14
Corning[2]	White	....	....	....	....	....	.90	....	.10	....	.04	.11	....	....	....	T	....	....	....	....	....	....	....	....	....	.08	.65	....	....	....	....	....	1.88
Cotter[2]	White	....	....	....	....	....	.89	....	....	.42	.16	.43	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.86	.15	....	....	2.91
Crossett	Ouachita	....	....	....	....	....	.68	....	....	....	.45	.01	....	....	....	T.	....	....	....	....	....	....	.05	.60	.46	.70	....	....	.53	....	....	....	3.48
Crystal Valley[2]	Arkansas	....	....	....	....	....	.91	....	....	.33	.11	.61	....	....	....	....	....	....	....	....	....	....	....	....	T.	.82	....	....	.70	....	....	....	3.48
Danville[2]	Arkansas	....	....	....	....	....	1.64	....	....	.92	.12	1.23	....	....	.02	....	....	....	....	....	....	....	....	....	....	.22	.04	....	.48	.02	....	....	4.69
Dardanelle[2]	Arkansas	....	....	....	....	....	1.47	....	....	.56	.16	.70	....	....	.03	....	....	....	....	....	....	....	....	....	....	.21	....	....	.58	....	....	....	3.71
Denmark[2]	White	....	....	....	....	....	.75	....	....	.80	.15	.43	....	....	....	....	....	....	....	....	....	....	....	....	....	.48	.10	.02	.52	....	....	....	3.25
De Queen	Red	....	....	....	....	....	1.04	....	.15	....	1.06	....	....	....	....	....	....	....	....	....	....	....	....	.02	....	.57	....	....	....	....	....	....	2.84
Dermott[2]	Mississippi	....	....	....	....	....	.39	....	....	....	....	.08	....	....	.06	....	....	....	....	....	....	....	....	.37	.25	1.10	.16	....	....	.57	....	....	2.98
Des Arc[2]	White	....	....	....	....	....	.89	....	....	.52	.09	.61	....	....	....	.06	....	....	....	....	....	....	....	....	....	.38	.67	....	.55	....	....	....	3.77
Devils Knob	Arkansas	....	....	....	....	.53	1.11	.04	.02	.58	.33	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	.10	.70	....	....	....	3.51
Dumas	Mississippi	....	....	.26	....	....	.45	....	T	.01	.27	.03	....	....	T.	T.	....	....	....	....	....	....	....	T.	.09	1.41	T	....	.66	....	....	....	3.18
Eagle Gap[2]	Arkansas	....	....	....	....	....	1.81	....	....	1.20	.70	....	....	....	....	T	....	....	....	....	....	....	....	....	....	.21	T.	....	.74	T.	....	....	4.66
El Dorado[2]	Ouachita	....	....	....	....	....	.53	....	....	....	.03	.36	....	....	.01	....	....	....	....	....	....	....	....	.33	.02	2.03	....	....	1.13	....	....	....	4.44
Eleven Point	White	T.	....	....	....	....	.83	T.	T.	.36	....	....	....	....	T	....	....	....	....	....	....	....	....	....	....	.11	....	.80	....	....	....	....	2.10
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	White	....	....	....	....	.30	.45	....	....	.35	.43	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	.06	....	.83	.65	....	....	....	3.07
Evening Shade[2]	White	....	....	....	....	....	.96	....	....	.24	.15	.41	....	....	....	T.	....	....	....	....	....	....	....	....	....	.12	.04	....	.54	....	....	....	2.49
Fayetteville	White	.01	....	T	T.	.33	.31	T	....	.33	.34	....	....	....	T.	T	....	....	....	....	....	....	....	....	....	.25	.01	.98	.31	T.	....	....	2.87
Fayetteville Exp. S	White	.01	....	T.	T	.38	.26	....	....	.37	.61	....	....	....	T.	T.	....	....	....	....	....	....	....	....	....	.21	T.	.94	.33	T.	....	....	3.11
Fordyce	Arkansas	....	....	....	....	....	....	....	.10	....	.58	....	....	....	....	....	....	....	....	....	....	....	....	.51	.10	.10	....	....	.52	....	....	....	1.91
Forester[2]	Arkansas	....	....	....	....	....	1.45	.30	.09	.26	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	.39	....	....	....	....	....	....	....	2.49
Fort Smith[1]‡	Arkansas	T.	....	....	....	.98	T.	T.	T.	.24	.39	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	.08	T.	.81	.07	T	....	....	2.57
Fort Smith W.[1]	Arkansas	....	....	....	....	1.25	....	....	....	.39	.27	....	....	....	....	....	....	....	....	....	....	....	....	....	T	T	....	.90	.06	....	....	....	2.87
Fulton[2]	Red	....	....	....	....	....	1.52	....	....	.15	.07	1.33	....	....	T.	....	....	....	....	....	....	....	....	T.	....	.40	....	....	1.02	....	....	....	4.49
Georgetown[2]	White	....	....	....	....	....	.51	....	....	.81	.09	.80	....	....	....	....	....	....	....	....	....	....	....	....	....	.80	.23	....	.49	....	....	....	3.73
Gilbert[2]	White	....	....	....	....	....	.99	....	....	.35	.27	.48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	....	.48	....	....	....	2.66
Glenwood[2]	Ouachita	....	....	....	....	....	....	1.37	....	.41	....	.83	....	....	....	....	....	....	....	....	....	....	....	....	.07	.13	....	....	1.13	....	....	....	3.97
Grannis	Red	T.	....	....	....	.60	1.43	.02	.19	.61	1.24	.01	....	....	.05	T.	....	....	....	....	....	....	....	.21	.15	.24	.05	.44	.12	....	....	....	5.36
Gravelly[2]	Arkansas	....	....	....	....	....	1.32	T.	....	.78	T.	.97	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.55	....	....	....	3.62
Gravette	Arkansas	....	....	....	....	....	.35	....	....	.71	.54	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.05	....	....	1.40	....	....	....	3.05
Green Forest	White	.07	....	....	....	.40	.29	....	....	.35	.35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.53	.60	....	....	....	2.59
Green Mountain	White	....	....	....	....	....	1.00	....	....	.57	.50	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	T	T.	....	.60	....	....	....	2.67
Greenwood[2]	Arkansas	....	....	....	....	....	1.20	....	....	.32	.10	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	.08	.15	....	.61	....	....	....	2.61
Harrisburg[2]	St. Francis	....	....	....	....	....	.75	....	....	*	1.15	.55	....	....	....	....	....	....	....	....	....	....	....	....	....	.46	.35	....	.53	....	....	....	3.79
Harrison	White	T.	....	....	....	.16	.55	....	....	.49	.42	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.18	.55	....	....	....	2.35
Heber Springs[2]	White	....	....	....	....	....	1.20	....	....	.53	.20	.45	....	....	....	T.	....	....	....	....	....	....	....	....	....	.34	.02	....	.57	....	....	....	3.31
Helena[2]	Mississippi	....	....	....	....	....	.21	....	.02	....	....	.59	....	....	....	....	....	....	....	....	....	....	....	....	....	1.40	.68	.02	.78	.03	....	....	3.73
Henderson[2]	White	....	....	....	....	....	.90	....	....	.38	.18	.40	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	2.36
Highland	Ouachita	....	....	....	....	.10	....	....	.35	....	1.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	*	1.30	....	....	....	2.85
Hollis	Arkansas	....	....	....	....	....	1.43	....	....	.70	.70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	....	....	.63	....	....	....	3.91
Hope[2]	Red	....	....	....	....	....	1.48	....	....	.20	....	1.11	....	....	T	....	....	....	....	....	....	....	....	.03	....	.69	.03	.01	.72	....	....	....	4.27
Hot Springs	Ouachita	....	....	....	....	.11	1.04	....	T	.32	.78	T	....	....	.02	....	....	....	....	....	....	....	....	.06	T	.82	....	.16	.50	....	....	....	3.81
Huttig[2]	Ouachita	....	....	....	....	....	.47	....	....	....	....	.48	....	....	T	....	T	....	....	....	....	....	....	.56	.04	1.32	.05	....	.65	....	....	....	3.57
Index[2]	Red	....	....	....	....	....	1.95	....	.25	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	.20	....	.90	....	....	....	3.95
Jessieville	Ouachita	....	....	....	....	....	1.65	....	....	*	1.00	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	.50	....	.60	....	....	....	....	4.15
Jonesboro[2]	White	....	....	....	....	....	.66	....	....	.44	.17	.34	....	....	....	.04	....	....	....	....	....	....	....	....	....	.62	.33	....	.60	....	....	....	3.20
LaCrosse[2]	White	....	....	....	....	....	1.15	....	....	.49	.21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.56	....	....	.64	....	....	....	3.05
Lake City[2]	St. Francis	....	....	....	....	....	....	.50	....	.70	....	....	....	....	.05	....	....	....	....	....	....	....	....	....	....	.50	....	....	.70	....	....	....	2.45
Lead Hill	White	.02	....	....	....	.18	.48	T.	....	.50	.38	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	T.	.02	.35	.76	....	....	....	2.69

Daily Precipitation for December, 1943 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Little Rock[1‡]	Arkansas					1.00	.01		.23	.13	.62				T.									T.	.71	.04	T.	.56	.04				3.34
Lutherville	Arkansas					.10	1.37		.05	.45	.43															.05		.28	.37				3.10
Madison[2]	St. Francis					.28			.25	.10	.60				T.										1.20	.20		.63					3.26
Magnolia	Red						1.11				.86															1.26		.12	.61				3.96
Mammoth Spg[2]	White						.94		T.	.19	.14	.27				T.											.14		.73	T.			2.41
Marianna[2]	St. Francis						.34		T.			.85														1.80			.83				3.82
Marked Tree[2]	St. Francis						.75			1.10	.10	.51			T.	T.	.05									.76	.48	.01	.55				4.31
Marshall	White					*	.98	.03	T.	.48	.54			T.												.08	.03	.02	.95	T.			3.06
Marvell[2]	White	T.					.25						1.46													2.65			.26				4.62
Mena[2]	Ouachita			T.	T.		2.34	T.	T.	.96	.12	1.22			.07	T.								T.		.21	.01		.65		T.		5.58
Monticello[1]	Ouachita	T.				.06	.45			T.	.33					T.							.27	T.	.81	.03		.90	.09			.36	3.30
Morobay[2]	Ouachita						.46				.01	.28												.30	.01	1.30			1.23				3.59
Morrilton[2]	Arkansas				.65		1.27			.65	.05	.83														.30	T.		.63	.05			3.88
Mountainburg	Arkansas					.97	.38			.42	.39															.19	T.	.66	T.				3.01
Mountain Home	White	T.				.28	.72			.55	.45																T.	.10	.60				2.70
Mountain Valley	Ouachita						1.57			.36	.70				T.														1.18				3.81
Mountain View[2]	White						1.21			.32	.19	.49				T.										.25	T.		.60				3.06
Mount Ida	Ouachita					.33	1.35			.50	.74				.05									.02	.03	.40		.25	.38				4.05
Mulberry[2]	Arkansas	.03					1.74	.03		.18	.30	.25														.06	.08		.97				3.64
Nashville	Red					.50	1.25		.25		.92				T.									.06	.48			.46					3.92
Newhope[2]	Ouachita						1.50			.18	.30	.70												.01		.30		.10		.99			4.08
Newport[2]	White						.69			.70	.28	.55				T.										.38	.80	T.	.53	T.			3.84
Nimrod Dam	Arkansas						1.69	.01		.73	.79				.01											.34	.04	.22	.35				4.18
Odell[2]	Arkansas						.97			.21	.64	.25														.14			1.28	.02			3.51
Oden	Ouachita					.34	1.15	T.		.64	1.40	.10	T.		.09									.04		.32	.01	.30	.40				4.79
Okay	Red					.37	1.27		.12	.07	1.30														.01	.58	.04	.40	.22				4.38
Osceola[2]	Mississippi						.53			1.04	.11	.42			T.	.03										.65	.78	.03	.64	.02			4.38
Ozark[3]	Arkansas						1.59	T.	.01	.27	.18	.45														T.		T.	.92				3.42
Paragould	St. Francis	T.					.72			.34	.52				.03											.44	.61		.58	.02			3.26
Parkin[2]	St. Francis						.68			.80	.09	.61			T.	T.	T.									.85	.42		.45				3.90
Perryville	Arkansas						1.27		.61	.60															.32			.58					3.38
Pine Bluff[2]	Arkansas						.70			.06	T.	.26				.01								T.		.87	.03		.59				2.52
Pine Ridge[2]	Ouachita						1.45			.57	.11	.51				T.										.45			.63				3.72
Pocahontas	White						.90			.18	.50				.03											.14	.31		.47				2.53
Portland[2]	Ouachita							.61				.50			T.		T.							.55		1.35	.20		.50				3.71
Prescott[2]	Ouachita						1.28		T.	.21	1.01				T.									.02		.62	.02		.72				3.88
Red Star	White					.38	.94	T.	T.	.20	.21				T.											.02	T.	.75	T.	.07			2.57
Rogers	White	.06		T.		.40	.18			.50	.18				T.											.06	.02	1.03	.41				2.84
Rosebud	Arkansas						1.06			1.46	.66													*	*	*	.42						3.60
Russellville	Arkansas					.10	1.45			.85	.83														T.	T.		T.	.63				3.86
St Charles[2]	White						.17					.38			.03											1.75	.25		1.02				3.60
St. Francis[2]	St. Francis						.96			.19		.34														.02	.80			.10			2.41
Searcy[2]	White						.84			1.36	.73															.68	.10	.02	.56				4.29
Sheridan	Ouachita						.94		.03	.05	.30				.03	.02								.04	.06	.30		.04	1.06				2.87
Shirley[2]	White	T.					1.23			.32		.57			T.											T.	.40		.53				3.05
Siloam Springs	White	.03		T.		.25	.08	T.	T.	.63	.38				T.										T.	.31	.01	1.06	.28				3.03
Sparkman	Ouachita						.80		.08		.47				T.									T.	.50	.51		.62					2.98
Springbank[2]	Red						1.58			.05		.44			T.	T.								.10	T.	.50	T.		.68				3.35
Stamps	Red						1.22	T.		T.		.64													.20	1.09			1.00				4.15
Stephens[2]	Ouachita						1.16		T.	T.		.57												T.		.83			.55				3.11
Steve[2]	Arkansas						1.66			.67	.81															T.			1.10				4.24
Story[2]	Ouachita						1.83			.18	.53	.23														.28							3.05
Stuttgart[2]	Arkansas						.44			.15	.04	.42														1.10	.15		.80				3.10
Stuttgart Evap[2]	Arkansas						.32			.03		.35														1.20	.33	.02	.45				2.70
Subiaco	Arkansas		T.			.10	1.33	.04	.02	.47	.34															.06		.27	.39				3.02
Sugar Grove[2]	Arkansas						1.43			.60	.06	.58														.10			.60				3.37
Texarkana[1]	Red					1.50		T.	T.		.98			T.	T.								.03	T.	.44	.01	T.	.55	.01				3.55
Tichnor[2]	White						.41					.30														1.50	.60		.75				3.56
Turnpike	Arkansas					.61	1.22			.55	.52				T.										T.	.07		.30	.36				3.63
Viola[2]	White						.88			.42	.15	.34														.15		.55					2.49
Waldron[2]	Arkansas						1.45			.48		.66														.25	T.		.58				3.42
Walnut Grove	White						.87			.44	.47														T.	.25	.57		.59				3.19
Warren	Ouachita						.57		T.		.35	T.				T.									.35	1.84	.04	T.					3.15
Whitecliffs[2]	Red						2.00	.30		.20	.50	1.25													T.	T.	T.	.20	.90				5.35
White Rock	Arkansas					.90	.62			.45	.35														T.	T.			.78	.05			3.15
Wilson[2]	Mississippi						1.06			1.40						T.										1.50		.78					4.74
Wynne[2]	St. Francis						.56		.12	.86	.76	.03			T.											.65	.39		.59	T.			3.96

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for December, 1943

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda §§	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	43	56	45	46	44	50	46	51	60	40	39	43	36	34	14	14	22	32	38	36	35	38	26	25	28	37	38	36	36	31	34	37.4
	Wind move	97	126	71	21	34	55	89	94	80	108	66	75	88	37	92	47	5	9	23	45	55	59	97	55	103	30	15	7	144	49	59	1935
Hope, §§ Exp. Farm	Evap.	.071	.050	.108	.031	.039	.060	.040	.016	.012	.040	...	.021	.011	.021	.046	*	*	*	*	.249	.049	.081	.075	*	*	.168	.005	....	.037	.005	.041	1.276
	Mean tem.	44	60	50	48	52	54	52	55	67	53	44	47	43	41	26	22	29	36	41	39	47	40	32	29	30	34	36	36	33	42	42	42.1
	Wind move	20	54	56	30	10	40	30	60	35	35	55	75	10	30	70	40	40	20	30	25	35	55	70	150	52	27	24	75	78	38	36	1405
Nimrod Dam	Evap.	.081	.045	.066	.040	.026	.033	.047	.011	....	.001	.021	.054	.056	.038	.010	.108	.040	.019	.038	.061	.007	.036	.045	.058	....	.008	.088	.021	.021	.030	.030	1.139
	Mean tem.	48	59	50	46	44	53	50	54	57	50	44	47	41	40	21	20	28	38	39	42	42	40	37	30	30	36	40	39	35	40	37	41.4
	Wind move	54	31	7	15	3	40	32	31	5	7	18	27	6	9	27	14	10	12	9	14	17	22	12	8	9	2	7	80	63	44	12	647
Russellville	Evap.	.036	.030	.040	.030	.016	.046	.052	.150	.158	....	.078	.072	.050	.036	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	48	52	53	42	44	56	52	52	55	49	41	46	45	44	26	26	28	34	38	42	42	42	38	26	36	37	40	38	34	42	38	41.8
	Wind move	18	11	6	14	5	21	19	20	21	37	18	13	23	18	64	11	13	21	9	19	17	23	27	27	15	30	29	60	39	25	18	691
Stuttgart, §§ Rice Exp. Farm	Evap.	-.007	.200	.064	.035	.018	.042	.055	.031	-.002	.033	.098	*	.090	.100	.064	....	....	....	....	....	....	....	....	....	....	....	....	....	.027	....	....	....
	Mean Tem.	44	58	48	44	50	58.	52	58	62	46	40	45	40	40	20	21	27	34	41	42	46	33	29	29	32	36	38	40	37	36	36	40.
	Wind move	45	83	58	25	13	51	64	55	59	59	57	28	52	24	100	77	52	16	40	37	39	19	176	103	51	51	50	56	126	23	47	173

Daily Temperatures for December, 1943

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	59	72	70	60	59	62	57	60	60	56	53	61	60	43	43	32	42	57	62	53	65	63	44	32	33	37	40	39	35	45	48	51.7
	Minimum	32	40	42	33	39	50	56	56	40	39	34	49	36	33	5	9	14	37	26	40	33	34	27	22	24	31	35	33	30	30	28	33.5
Arkadelphia §§	Maximum	63	63	55	62	68	63	58	63	82	52	55	64	53	49	30	29	42	52	60	53	63	51	32	34	38	40	42	45	38	54	54	51.8
	Minimum	26	33	43	33	33	46	47	46	51	59	33	33	35	36	20	13	13	19	19	30	28	28	29	24	25	32	36	36	32	33	23	32.1
Batesville Air. ***	Maximum	61	68	52	64	63	67	50	61	58	46	48	58	43	39	21	24	39	51	55	43	59	42	36	29	34	45	41	39	46	44	47	47.5
	Minimum	33	46	41	30	30	46	43	48	44	37	29	33	30	20	9	10	12	25	23	30	26	27	20	19	29	34	34	35	26	25	26	29.7
Batesville, Livestk §§	Maximum	60	66	51	64	58	64	50	60	55	42	49	58	46	39	23	27	40	56	46	46	45	51	45	40	39	44	42	38	45	39	43	47.5
	Minimum	26	45	40	28	29	38	41	42	50	39	29	29	29	32	4	5	6	9	22	24	24	24	18	18	18	30	37	36	29	21	27	27.4
Bee Branch	Maximum	60	68	67	55	56	62	56	58	58	51	48	62	59	45	38	38	38	50	57	56	57	57	43	35	32	38	40	39	36	44	47	50.0
	Minimum	26	41	39	32	30	47	41	45	50	38	29	29	30	34	6	9	11	19	21	31	23	27	21	19	25	31	33	34	30	29	26	29.2
Benton §§	Maximum	62	72	53	54	63	65	52	60	62	46	52	65	46	48	27	31	41	56	58	51	62	46	34	34	34	38	40	43	36	48	51	49.2
	Minimum	16	30	38	30	31	30	44	45	47	43	29	25	26	29	13	7	9	13	14	15	22	22	25	22	16	26	22	35	31	31	17	25.9
Bentonville §§	Maximum	60	54	48	61	60	53	50	58	51	40	50	49	45	35	21	30	40	51	55	53	51	40	32	42	36	43	39	33	30	31	45	44.7
	Minimum	26	40	38	28	29	43	36	37	49	35	25	25	27	25	0	3	12	15	23	25	29	25	15	14	20	30	32	29	24	24	20	25.9
Bethesda §§	Maximum	62	66	50	64	58	62	51	60	72	41	49	57	44	38	22	25	39	55	54	45	45	51	33	40	37	45	41	38	43	39	42	47.4
	Minimum	24	45	40	28	29	38	41	42	49	39	29	29	29	31	6	6	6	9	23	26	28	24	18	16	18	29	34	35	30	23	27	27.5
Bluff City	Maximum	65	74	65	65	65	63	60	66	78	73	54	64	62	47	45	33	42	51	61	55	65	62	46	34	33	39	41	41	40	53	53	54.7
	Minimum	40	55	44	38	46	55	48	47	62	43	34	36	35	39	20	11	20	24	30	35	34	34	30	25	25	32	35	34	33	33	29	35.7
Blytheville	Maximum	58	67	55	63	62	61	51	62	68	48	47	56	71	38	30	25	37	47	53	41	55	41	34	34	37	43	39	40	40	36	43	47.8
	Minimum	31	45	39	34	30	45	42	49	44	37	27	31	29	28	6	6	7	19	21	23	25	22	14	15	29	32	33	34	29	21	31	28.3
Booneville	Maximum	64	71	64	61	55	55	48	66	62	59	58	62	57	47	34	30	45	54	62	56	58	52	44	35	35	47	43	40	34	54	50	51.7
	Minimum	35	46	37	30	36	41	41	42	55	42	30	29	31	34	9	12	18	17	22	34	25	24	27	23	25	32	37	30	29	28	20	30.4
Brinkley ***	Maximum	63	69	54	58	66	70	55	63	60	49	50	62	48	45	26	30	41	50	63	45	60	45	33	33	35	40	40	42	46	43	48	49.4
	Minimum	34	43	42	29	28	48	47	51	48	37	31	31	27	25	10	10	13	17	21	32	26	28	23	23	32	34	38	36	24	24	24	30.2
Camden	Maximum	65	76	77	66	70	69	63	69	79	75	56	64	64	51	47	36	44	53	64	61	67	67	49	37	35	41	44	44	42	55	56	57.6
	Minimum	30	53	40	38	42	50	49	49	61	43	31	32	36	40	22	11	20	17	22	32	27	30	31	26	28	33	36	35	34	35	23	34.1
Camp Robinson ***	Maximum	61	72	75	57	63	65	53	62	60	48	50	60	49	45	41	32	40	55	56	50	62	52	37	30	34	39	40	41	36	44	45	50.1
	Minimum	34	43	40	34	33	35	32	45	44	38	30	31	29	25	12	10	11	18	22	22	26	30	22	20	20	30	35	32	30	27	26	28.6
Conway	Maximum	63	75	64	56	60	65	59	60	60	53	53	63	56	45	40	29	42	53	53	50	62	55	43	33	34	40	41	41	39	46	48	51.0
	Minimum	31	43	42	34	33	46	45	46	53	40	29	29	30	35	13	12	13	18	22	32	25	25	25	22	26	32	36	35	32	32	25	31.0
Corning	Maximum	60	58	58	65	58	63	53	60	59	58	48	58	43	35	26	27	39	48	55	49	58	39	31	31	35	44	41	39	41	41	38	47.0
	Minimum	18	20	42	30	28	43	43	38	41	40	28	30	33	26	5	8	7	19	20	25	23	22	16	14	29	33	33	35	22	22	33	26.6
Crossett	Maximum	62	76	69	67	72	71	63	75	79	72	56	65	60	47	44	36	43	53	65	60	68	57	40	35	39	43	44	44	39	54	54	56.5
	Minimum	28	56	50	50	45	56	44	51	57	50	35	28	34	38	22	8	19	14	21	34	34	35	30	26	31	35	34	37	33	35	24	35.3
Dardanelle	Maximum	62	71	65	54	55	63	57	62	62	58	54	62	58	46	40	28	37	53	52	50	61	57	46	36	35	41	42	42	37	51	51	51.2
	Minimum	33	42	38	30	32	47	43	44	55	40	32	35	31	36	9	12	16	19	23	36	25	26	26	28	30	31	37	33	31	32	26	31.5
De Queen	Maximum	65	69	64	65	63	62	52	60	77	72	55	62	59	53	41	34	42	53	60	58	63	56	48	37	36	39	43	42	35	48	55	53.8
	Minimum	34	42	38	34	44	51	42	47	60	46	31	29	36	39	17	15	18	18	24	36	26	29	31	28	29	34	36	32	32	33	23	33.4
Des Arc	Maximum	63	70	69	54	63	68	62	61	64	54	49	67	67	51	48	32	41	52	64	55	61	54	41	30	33	36	39	39	40	43	44	52.1
	Minimum	35	51	40	29	29	49	44	49	52	39	29	32	28	32	9	9	11	20	23	33	25	27	24	20	25	30	34	36	32	25	23	30.5
Devils Knob	Maximum	54	60	56	54	51	53	42	51	52	47	43	53	45	38	20	27	36	51	54	48	57	45	31	31	..	..	38	34	27	37	42	44.0
	Minimum	37	47	35	37	41	40	35	58	39	32	27	33	26	20	−4	8	15	23	35	28	31	24	12	14	..	..	30	25	21	23	19	27.3
Dumas	Maximum	65	76	65	62	71	69	63	75	76	67	52	63	63	44	38	33	42	53	63	53	65	42	44	32	39	43	44	46	40	53	49	54.5
	Minimum	31	52	44	40	38	56	45	51	59	42	32	33	32	37	19	12	14	20	24	31	34	29	28	26	30	34	34	33	34	30	27	33.9
El Dorado	Maximum	63	65	68	69	70	67	71	73	78	68	56	64	61	46	43	35	41	53	63	58	65	61	39	34	36	39	45	39	39	55	53	55.4
	Minimum	40	56	55	55	50	50	51	50	55	44	36	35	37	41	26	14	22	22	33	35	40	38	32	27	32	34	37	36	35	36	31	38.2
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	60	54	47	60	60	54	47	56	55	41	48	54	49	36	17	27	40	48	56	51	53	40	33	36	34	44	44	36	29	35	40	44.6
	Minimum	39	42	36	32	44	33	35	40	40	24	26	33	26	16	−1	7	15	28	32	29	35	26	13	17	26	30	35	25	23	24	20	27.6
Fayetteville	Maximum	59	61	48	58	59	56	44	56	56	46	50	54	49	41	22	31	41	50	56	52	52	46	36	44	42	48	41	38	30	43	44	46.9
	Minimum	40	46	39	27	43	39	37	40	45	35	27	33	28	19	1	11	14	26	22	30	35	28	16	23	31	32	36	25	24	28	20	29.0
Fayetteville Exp. S	Maximum	58	61	48	60	59	56	44	56	55	43	50	53	52	42	22	30	40	51	56	53	54	45	36	43	39	46	41	35	29	42	44	46.5
	Minimum	37	44	38	26	40	39	36	39	43	34	25	30	25	18	0	9	12	25	22	28	30	24	15	20	31	31	35	24	23	26	19	27.4
Fordyce	Maximum	65	74	62	63	67	66	57	68	77	69	52	60	55	45	42	33	40	50	61	54	63	57	44	40	35	46	42	43	40	51	50	53.9
	Minimum	41	59	44	40	45	56	48	49	61	42	34	34	37	39	21	12	19	22	31	34	38	34	29	31	32	33	37	36	33	34	29	36.6
Fort Smith ***	Maximum	63	66	47	53	54	55	48	59	61	50	53	60	49	45	26	29	38	48	55	49	53	49	38	34	36	44	43	42	34	49	44	47.5
	Minimum	42	46	37	29	40	43	41	46	50	38	33	36	36	14	8	16	22	23	29	37	32	32	28	26	29	35	39	30	30	31	26	32.4
Gilbert §§	Maximum	63	67	55	68	58	55	55	60	56	42	53	60	47	40	17	23	40	58	60	66	62	48	55	42	34	50	45	38	40	44	45	49.2
	Minimum	15	38	41	27	25	33	40	40	50	37	25	25	24	24	3	4	6	10	16	18	22	18	18	15	20	26	31	34	31	28	25	29.8
Grannis	Maximum	61	70	63	64	55	62	55	58	72	69	57	64	63	53	32	36	44	55	65	55	64	54	47	34	35	37	44	41	34	47	56	53.1
	Minimum	36	50	42	35	45	51	41	44	57	43	31	31	33	31	13	12	16	21	30	36	28	32	29	28	29	32	34	30	29	30	26	33.1
Gravette	Maximum	60	58	45	60	57	56	43	58	56	43	51	53	45	38	23	30	40	51	55	54	50	40	33	41	40	43	40	37	30	35	45	45.5
	Minimum	35	43	36	23	39	36	36	39	41	35	23	26	23	16	−2	10	12	23	24	27	31	26	13	20	30	32	34	24	24	24	16	26.4
Green Mountain	Maximum	59	65	55	55	65	55	58	60	57	45	49	55	51	45	30	23	41	52	55	50	45	45	37	30	38	45	48	48	40	38	40	47.7
	Minimum	41	40	40	36	37	40	38	45	42	35	29	37	29	30	1	6	15	28	35	37	36	25	14	14	22	26	32	34	26	25	30	29.8
Harrison	Maximum	61	63	50	68	57	54	50	61	57	43	53	54	44	36	23	26	44	53	57	51	55	46	36	36	33	47	42	38	50	45	44	47.0
	Minimum	36	38	40	25	29	40	38	44	43	36	26	35	26	22	0	7	13	25	22	27	26	22	15	17	25	31	34	28	26	26	25	27.3
Helena	Maximum	62	73	65	59	67	65	60	69	68	64	50	58	48	44	37	30	42	50	59	50	61	52	41	30	37	40	42	43	42	43	41	51.4
	Minimum	35	52	42	35	38	55	47	51	58	40	32	35	29	35	11	10	14	22	29	32	36	30	21	23	29	34	35	38	33	24	28	33.4
Highland	Maximum	62	71	62	64	61	62	55	59	77	69	54	60	52	49	45	34	42	51	63	54	62	56	37	34	34	..	..	..	42	50	54	54.1
	Minimum	41	55	44	37	46	54	43	44	58	44	34	34	35	37	19	12	19	25	33	36	34	34	29	26	26	..	..	..	35	32	29	35.5
Hope §§	Maximum	66	73	56	60	69	61	55	65	80	54	56	63	50	46	31	33	44	52	60	53	64	48	36	32	35	38	40	39	36	52	56	51.7
	Minimum	21	46	45	35	35	46	48	45	54	52	32	31	36	36	22	12	14	20	22	25	30	33	29	26	25	31	33	34	30	32	27	32.5
Hot Springs	Maximum	58	71	68	60	61	61	56	59	62	61	51	64	61	47	44	35	42	54	59	55	66	61	46	32	34	38	40	40	35	49	51	52.3
	Minimum	42	53	41	33	46	53	44	43	57	40	32	39	32	34	13	10	16	28	30	33	36	31	27	23	24	31	35	33	31	31	28	33.8
Jonesboro	Maximum	61	68	62	63	62	61	56	62	62	46	47	58	52	38	29	21	39	48	59	51	58	52	36	29	35	45	41	41	43	40	42	48.8
	Minimum	36	45	42	36	30	47	44	48	45	39	30	35	30	28	8	9	13	25	27	29	27	29	19	18	27	33	34	34	29	25	35	30.8
Lead Hill	Maximum	64	59	55	64	58	55	51	63	54	43	53	55	46	37	23	29	44	52	55	49	54	42	35	35	34	53	44	39	31	39	44	47.1
	Minimum	24	24	40	22	25	41	38	40	42	36	23	27	22	22	2	5	9	16	19	23	21	20	15	14	25	32	32	29	25	27	28	24.8
Little Rock ***	Maximum	62	72	53	58	63	66	55	62	60	48	51	61	46	45	26	29	37	52	57	48	62	46	34	31	34	38	40	40	36	45	46	48.5
	Minimum	33	47	41	34	35	46	46	48	45	40	35	33	35	26	16	14	18	22	25	34	31	32	25	22	31	33	37	34	33	30	28	32.5
Lutherville	Maximum	62	68	63	52	52	58	49	58	57	57	50	57	57	44	31	29	38	47	55	48	54	48	41	33	35	40	43	42	34	47	45	48.2
	Minimum	37	47	34	33	36	48	41	43	54	39	29	34	30	30	4	11	15	22	29	32	30	27	22	21	26	32	35	31	29	30	22	30.9
Magnolia	Maximum	67	77	65	67	69	70	63	70	79	72	55	64	62	53	40	33	42	54	62	60	67	66	47	35	34	39	42	42	38	57	58	56.4
	Minimum	42	53	47	44	49	53	49	47	62	44	34	33	37	..	24	14	20	20	30	37	36	38	32	26	29	33	35	33	33	34	27	36.5
Mammoth Spring	Maximum	61	59	56	65	56	55	47	47	48	43	47	54	55	40	27	26	40	56	55	58	56	51	35	34	34	44	43	40	45	40	37	46.9
	Minimum	23	35	41	25	25	46	42	43	43	38	25	28	21	27	3	7	7	15	18	18	20	27	15	14	27	34	35	34	26	20	34	26.4
Marianna §§	Maximum	62	70	54	60	68	64	57	68	65	47	50	59	47	47	24	30	42	50	60	46	60	45	37	34	37	40	41	43	45	42	45	49.6
	Minimum	22	39	41	31	31	44	44	47	50	42	32	31	29	29	12	12	13	16	22	29	29	29	24	23	22	32	34	34	33	25	27	29.9
Marked Tree §§	Maximum	60	70	54	63	68	65	53	61	57	42	38	58	43	40	22	27	40	49	58	45	59	44	29	33	35	42	40	41	42	37	44	47.1
	Minimum	20	38	42	33	29	31	45	45	51	40	30	31	29	31	9	9	9	13	23	24	26	26	20	19	21	32	35	37	30	23	29	28.4
Marshall	Maximum	62	65	58	67	67	55	50	59	58	47	52	57	49	50	26	31	46	55	58	46	60	46	36	29	33	38	46	42	35	45	45	48.8
	Minimum	41	50	41	27	36	43	39	46	45	36	27	35	27	26	3	8	14	27	25	29	34	23	16	16	24	31	33	31	26	29	28	29.5
Mena	Maximum	60	67	61	60	52	52	45	56	63	61	55	61	56	47	32	34	45	53	63	53	64	55	43	32	34	42	41	40	32	44	53	50.2
	Minimum	36	50	39	32	43	45	42	40	55	42	30	32	33	32	11	12	18	21	29	32	31	29	27	23	26	32	34	29	26	29	22	31.7
Monticello ***	Maximum	64	75	59	65	68	69	59	73	79	65	55	63	54	44	32	33	41	53	64	53	65	43	34	33	38	41	43	42	38	52	50	53.1
	Minimum	32	56	47	44	41	52	49	53	59	42	35	34	37	31	16	14	19	20	29	35	39	33	28	26	32	34	37	36	33	34	30	35.7
Morrilton §§	Maximum	70	75	57	58	62	65	55	64	64	48	55	63	52	50	28	31	46	52	52	57	58	48	39	35	42	42	45	44	40	49	49	51.5
	Minimum	20	41	38	32	32	47	45	45	52	42	32	33	32	32	10	11	15	22	25	28	27	29	27	24	23	31	36	37	33	33	29	31.1
Mountain Home	Maximum	64	64	55	67	60	56	51	61	57	45	52	57	51	38	30	26	44	53	57	48	57	45	34	34	34	55	44	42	37	41	44	48.5
	Minimum	29	38	41	23	28	28	40	43	42	38	25	28	25	23	2	8	10	17	22	38	22	24	15	15	27	33	35	31	24	21	31	26.6
Mt. Ida	Maximum	62	72	61	58	60	62	58	61	63	63	54	66	50	50	43	33	45	60	65	57	68	53	43	40	34	40	43	42	43	48	56	53.3
	Minimum	24	50	30	30	34	41	44	46	56	43	28	27	27	34	13	4	10	13	16	22	19	18	24	23	18	29	33	29	29	28	12	27.5
Nashville	Maximum	65	73	65	65	65	64	62	60	80	73	56	64	51	54	51	35	43	55	60	52	64	52	50	38	37	40	43	45	37	53	56	55.1
	Minimum	33	56	35	36	44	55	44	41	57	45	32	32	37	38	21	15	21	19	25	34	27	32	30	27	27	33	35	33	29	32	24	33.8
Newport	Maximum	64	71	59	63	63	68	56	62	61	47	50	61	50	40	30	28	41	53	57	46	61	44	35	30	34	44	41	42	47	40	46	49.5
	Minimum	33	49	44	30	30	48	45	50	47	42	32	31	30	30	10	12	14	22	22	29	26	30	25	20	28	33	36	37	34	32	27	31.5

Daily Temperatures for December, 1943 Contiuued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Nimrod Dam	Maximum	63	72	62	56	54	61	56	64	62	59	57	63	50	45	37	33	41	56	54	55	56	53	47	36	35	41	43	45	39	48	51	51.4
	Minimum	33	46	39	36	35	45	44	44	52	41	31	31	32	35	10	9	14	20	24	29	27	27	27	25	25	32	37	33	31	32	23	31.3
Cdeu ***	Maximum	60	71	56	61	58	60	50	61	61	61	55	63	51	48	30	34	45	55	60	54	68	54	41	33	35	42	46	43	41	46	53	51.5
	Minimum	28	50	40	30	37	47	44	42	56	43	32	35	33	28	3	-3	2	20	29	30	30	32	30	27	29	35	39	41	33	33	29	31.7
Okay	Maximum	64	73	71	67	69	64	66	61	80	74	57	58	69	49	47	33	45	53	58	64	66	63	47	38	35	40	42	42	39	53	58	56.3
	Minimum	32	57	41	33	44	44	45	45	58	46	32	37	31	39	21	14	17	17	22	34	26	32	30	26	26	33	35	33	29	33	23	33.4
Ozark	Maximum	54	68	50	52	53	58	50	60	59	56	52	60	54	47	30	30	40	50	60	52	55	56	45	36	35	42	42	41	34	49	50	49.0
	Minimum	33	38	42	33	34	47	43	44	53	38	30	32	30	27	8	11	16	18	24	32	26	25	25	24	28	33	37	32	30	28	23	30.5
Paragould	Maximum	60	65	59	61	56	61	57	61	62	47	44	57	53	37	29	23	36	46	54	47	55	19	36	31	35	45	42	40	40	37	40	47.3
	Minimum	26	42	42	32	28	48	44	48	45	39	29	33	28	28	8	10	12	21	22	29	25	27	17	17	29	34	34	35	27	23	34	29.5
Perryville	Maximum	61	71	60	57	58	65	58	62	61	59	57	61	57	45	41	29	40	54	55	50	62	55	42	32	33	40	41	41	37	46	46	50.8
	Minimum	25	42	37	34	30	32	52	53	54	44	41	29	36	39	12	9	13	17	20	28	25	23	26	22	25	30	36	34	31	32	24	30.8
Pine Bluff	Maximum	66	75	60	65	67	66	61	68	67	66	61	62	58	51	38	29	47	53	61	58	62	51	41	31	36	41	42	45	39	53	48	53.8
	Minimum	36	55	43	41	40	46	47	47	63	42	36	36	36	35	18	14	18	23	28	33	33	33	29	26	31	34	34	38	34	32	29	35.2
Pocahontas	Maximum	59	60	60	65	57	62	56	58	59	46	46	56	56	43	30	25	38	52	57	65	59	52	39	30	35	44	44	40	43	44	38	49.0
	Minimum	27	36	40	30	23	48	43	47	45	40	29	29	30	28	5	9	11	20	21	29	23	24	17	16	23	34	35	35	26	22	35	28.4
Portland	Maximum	64	75	69	65	71	71	65	74	80	68	50	66	65	50	43	34	41	53	65	62	67	55	42	32	40	42	45	45	40	50	46	56.0
	Minimum	32	52	50	49	44	55	47	53	59	45	40	33	36	38	22	13	20	18	26	35	36	36	30	27	31	35	37	38	35	35	27	36.6
Prescott	Maximum	64	74	72	64	67	63	61	64	79	75	54	61	60	48	46	33	41	51	62	57	65	60	47	35	35	40	40	42	42	52	54	55.1
	Minimum	36	55	44	36	45	54	47	46	60	44	33	33	36	39	21	13	21	22	26	35	31	35	30	26	26	33	35	34	32	33	25	35.0
Rogers	Maximum	54	53	47	58	53	53	44	56	54	43	47	51	48	36	19	27	31	47	55	51	50	46	36	40	35	43	39	36	36	36	40	44.0
	Minimum	34	42	37	38	40	38	36	39	39	34	24	29	24	17	-3	9	15	24	24	28	30	24	14	20	28	31	35	24	24	24	18	27.1
Russellville	Maximum	63	70	68	52	55	63	59	60	64	57	52	61	59	50	42	39	40	50	54	51	59	57	48	45	45	40	43	43	37	50	50	52.5
	Minimum	32	33	38	32	33	49	44	45	46	41	30	32	31	37	9	13	16	19	23	32	26	26	27	26	27	34	37	34	32	33	26	31.1
St. Charles §§	Maximum	65	74	57	63	69	67	59	72	73	68	60	60	60	45	27	32	43	51	61	53	62	43	32	34	40	42	43	45	43	49	44	52.9
	Minimum	23	39	42	36	33	40	42	47	57	60	32	33	32	32	14	11	14	16	24	33	34	32	28	24	24	32	36	35	34	23	24	31.8
Searcy	Maximum	62	70	60	53	60	65	52	61	61	50	49	62	52	42	35	28	40	50	59	53	59	44	38	30	34	39	41	42	43	42	45	49.1
	Minimum	29	43	44	32	30	48	45	49	47	40	31	30	31	31	11	12	16	21	22	33	25	28	23	22	29	33	35	35	33	27	26	31.0
Sheridan	Maximum	62	73	68	60	65	65	63	64	65	61	52	64	47	51	45	31	43	52	61	55	64	60	43	29	34	38	42	40	45	50	50	53.0
	Minimum	35	53	48	31	36	56	45	47	58	40	30	32	30	36	16	8	13	20	25	30	29	29	27	23	23	32	36	36	32	33	25	32.7
Siloam Springs	Maximum	59	57	46	58	58	55	42	62	55	44	50	53	46	39	23	30	40	51	56	52	48	42	35	41	40	41	39	38	29	42	46	45.7
	Minimum	38	42	34	24	36	38	37	40	43	36	25	27	25	17	1	12	14	24	24	29	28	27	15	23	30	32	35	25	25	26	16	27.4
Stuttgart	Maximum	63	72	63	56	66	66	61	67	68	60	51	61	52	43	40	32	39	52	61	52	64	52	40	30	35	39	40	45	40	48	45	51.7
	Minimum	34	52	41	36	36	53	47	51	59	42	33	33	32	36	14	12	16	20	26	32	34	31	27	22	29	34	36	38	38	27	26	33.8
Stuttgart Evap. §§	Maximum	62	72	55	56	67	66	57	69	69	46	48	58	48	43	25	30	38	50	59	50	62	45	31	34	38	40	41	44	40	47	46	49.5
	Minimum	27	43	42	33	33	50	47	48	54	45	32	32	32	36	15	12	16	19	23	33	31	31	27	24	25	32	36	37	34	25	26	32.3
Subiaco	Maximum	62	67	64	56	54	58	52	58	61	58	53	59	57	45	34	30	38	49	58	55	56	53	45	35	35	44	44	41	34	51	48	50.1
	Minimum	35	47	42	35	49	45	42	44	55	41	32	39	34	34	9	12	16	23	25	34	28	29	25	22	26	32	37	31	30	28	27	32.5
Texarkana ***	Maximum	65	74	57	66	69	60	52	67	77	67	57	60	48	47	33	35	42	51	62	56	65	49	37	31	35	38	41	38	36	55	55	52.5
	Minimum	47	54	44	39	48	49	45	52	63	44	35	36	39	33	21	16	21	24	30	38	34	37	30	27	30	33	37	32	32	32	30	36.5
Turnpike	Maximum	60	65	58	55	52	57	45	54	58	51	46	57	50	42	28	28	38	49	60	51	57	53	33	35	31	35	39	41	33	43	47	46.8
	Minimum	35	47	34	34	43	37	34	38	44	30	26	33	27	20	-4	5	14	23	34	27	31	23	12	14	18	23	28	27	22	23	21	26.5
Waldron	Maximum	62	70	61	60	55	56	48	63	64	61	54	60	53	46	32	34	42	55	57	54	59	51	44	33	35	47	45	41	34	52	50	50.9
	Minimum	32	51	35	30	34	40	41	43	43	42	30	29	31	32	10	10	16	17	21	28	24	22	26	22	26	33	35	30	29	28	19	29.3
Warren	Maximum	60	75	68	60	71	69	61	72	80	74	56	63	54	45	42	33	42	52	64	58	66	60	45	31	36	40	45	43	41	54	51	55.2
	Minimum	34	57	47	42	44	58	50	51	61	42	34	37	37	40	20	14	20	21	29	36	37	35	30	26	31	34	38	37	35	35	28	36.8
White Rock	Maximum	55	61	56	54	53	53	52	53	54	52	45	56	45	39	18	28	56	53	57	48	57	47	35	40	31	35	59	35	26	40	45	46.4
	Minimum	35	45	38	34	40	35	32	35	47	32	26	32	26	16	-5	6	12	20	32	27	31	29	30	12	23	26	29	22	20	21	20	26.7
Wilson	Maximum	60	71	65	63	60	65	61	62	63	58	50	56	50	42	41	30	36	42	56	56	54	56	45	46	48	45	41	43	40	37	45	51.2
	Minimum	30	49	39	32	32	27	44	47	51	41	29	33	28	32	8	7	8	20	25	25	26	28	26	27	28	26	36	37	28	22	33	29.8
Wynne	Maximum	59	71	57	61	67	67	57	62	62	52	49	60	54	42	40	28	39	48	57	55	60	47	37	30	33	49	39	43	42	42	44	49.8
	Minimum	37	53	42	29	28	51	45	49	51	40	30	33	27	29	10	9	12	19	25	24	24	29	20	20	28	32	35	36	30	21	22	30.3

Daily River Stages for December, 1943

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	5.6	5.6	5.6	5.8	5.7	5.7	5.7	5.7	5.6	5.7	6.0	6.0	6.8	7.6	7.6	7.4	6.9	6.8	6.8	6.6	6.4	6.2	6.1	6.0	6.0	5.9	6.0	6.0	5.9	6.9	8.7
Van Buren	do	22	3.7	3.6	3.5	3.9	3.6	3.7	3.7	3.7	3.5	3.8	4.1	4.2	5.2	6.6	6.6	5.9	5.6	5.5	5.2	5.2	5.0	4.7	4.3	4.2	4.3	4.2	4.4	4.3	4.2	5.5	7.3
Danville	Petit Jean	20	2.6	2.6	2.5	2.6	2.6	2.8	3.0	3.3	3.1	3.5	4.8	6.2	6.4	6.2	4.6	4.1	4.0	3.6	3.4	3.3	3.2	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Ozark	Arkansas	22	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8	1.5	2.6	2.7	2.5	2.3	2.0	1.9	1.7	1.7	1.6	1.6	1.5	1.5	1.3	1.2	1.1	1.0	1.5
Dardanelle	do	22	3.4	3.3	3.2	3.2	3.2	3.3	3.6	3.8	3.7	3.6	3.6	3.7	4.2	4.3	4.8	5.9	5.9	5.4	5.2	5.1	5.0	4.7	4.5	4.4	4.3	3.9	3.8	3.7	4.0	4.2	4.0
Morrilton	do	20	-0.7	-0.8	-0.8	-0.8	-0.9	-0.9	-0.6	-0.7	-0.6	-0.6	-0.6	-0.6	-0.4	0.0	0.0	0.8	0.8	1.1	0.2	0.5	0.6	0.3	0.2	0.2	-0.2	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Little Rock	do	23	1.5	1.5	1.4	1.3	1.3	1.4	1.3	1.4	1.6	1.8	1.8	1.9	2.1	2.4	2.6	2.7	3.0	3.4	3.2	2.9	2.8	2.6	2.6	2.4	2.3	2.1	1.9	1.9	1.8	1.9	2.0
Pine Bluff	do	25	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.3	1.3	1.5	2.1	2.3	2.4	2.7	2.9	3.3	3.4	3.7	4.6	4.5	4.0	3.7	3.5	3.4	3.3	3.1	2.9	2.7	2.7	2.6	2.6
Gilbert	Buffalo	30	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	4.0	4.0	4.0	4.0	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Black Rock	Black	14	1.2	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.7	1.7	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.2	1.3	1.5	1.3	1.5	1.5	1.4
Heber Springs	Little Red	30	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.2	2.3	2.6	2.7	2.8	3.0	3.2	3.1	3.0	3.0	2.5	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Ozark Beach Mo	White	30	-0.2	-0.2	-0.2	-0.2	-0.2	0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.4	-0.2	-0.2	-0.2	-0.2	-0.3	-0.3	0.9	1.1	0.7
Cotter	do	21	1.8	1.5	1.5	1.4	1.4	1.5	1.3	1.3	1.8	1.9	1.7	1.6	1.5	1.9	2.2	2.2	2.2	2.0	2.0	2.8	2.8	2.6	1.9	1.8	2.0	2.0	1.9	2.2	1.9	1.9	3.2
Calico Rock	do	18	0.3	0.1	0.1	0.2	0.3	0.4	0.4	0.3	0.2	0.6	0.6	0.6	0.7	1.1	1.0	1.0	1.0	1.1	1.7	1.3	1.5	0.8	0.4	0.9	0.8	0.5	0.5	0.5	0.8	0.4	2.0
Batesville	do	23	5.0	5.0	4.9	4.8	4.8	4.9	5.0	5.0	5.0	5.0	5.2	5.3	5.2	5.3	5.3	5.8	6.0	5.8	5.8	5.9	5.7	5.8	5.5	5.0	5.2	5.3	5.3	5.3	5.2	5.4	5.2
Newport	do	26	-0.2	-0.2	-0.3	-0.3	-0.4	-0.5	-0.4	-0.3	-0.2	-0.1	-0.1	-0.1	0.0	0.1	0.1	0.0	0.0	0.4	0.3	0.2	0.0	0.1	0.0	0.0	-0.1	-0.2	0.1	0.0	0.0	-0.1	-0.1
Georgetown	do	21	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.4	-0.3	-0.2	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.5	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.5	0.4	0.2	0.3	0.3	0.3
Des Arc	do	24	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.4	2.5	2.5	2.5	2.5	2.6	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.8	2.8	2.8
Clarendon	do	26	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.4	6.5	6.6	6.6	6.6	6.6	6.7	6.8	6.9	6.9	7.0	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.2	7.1	7.0	7.0
St. Charles	do	25	6.7	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.5	6.6	6.7	6.8	6.8	6.8	6.8	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.5	7.5	7.5	7.4	7.3	7.3
Glenwood	Caddo	..	5.6	5.6	5.6	5.6	5.8	5.6	5.9	5.9	5.9	6.1	6.7	6.5	6.3	5.9	5.9	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.0	5.9	....
Arkadelphia	Ouachita	17	4.2	4.0	4.2	4.2	3.8	3.9	4.0	4.8	5.0	5.1	5.3	5.7	5.3	5.4	5.0	4.7	5.1	5.4	4.7	4.3	4.3	5.4	5.8	5.6	5.2	4.5	4.2	6.2	6.8	7.1	6.8
Boughton	Little Mo.	20	3.9	3.9	3.8	3.8	3.7	3.8	3.8	3.9	3.9	4.0	4.0	6.0	8.3	8.5	8.1	7.0	6.4	5.0	5.0	4.5	4.5	4.1	4.0	4.0	4.1	4.2	4.2	4.4	4.8	5.0	5.1
Camden	Ouachita	26	3.7	3.6	3.6	3.7	3.6	3.8	3.6	3.9	4.0	4.4	5.1	5.4	5.4	6.0	6.5	6.5	6.4	5.5	5.2	5.1	4.6	4.3	4.4	5.1	5.5	5.1	4.7	4.6	4.4	4.6	6.7
Benton	Saline	20	3.8	3.8	3.8	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.2	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.5	4.6	4.6	4.6
Index	Red	25	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	6.4	6.4	6.3	6.3	6.3	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9
Fulton	do	25	6.0	6.0	5.9	5.8	5.8	5.8	6.0	6.1	8.0	8.2	8.3	9.4	10.7	11.2	10.9	10.3	9.6	9.0	8.6	8.2	7.9	7.6	7.4	7.3	7.2	7.1	7.1	7.0	7.2	7.2	7.7
Big Lake Outlet	St. Francis	10	2.7	2.7	2.7	2.7	2.8	2.9	2.9	2.9	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.9	2.9	3.0	3.2	3.2	3.3	3.3	3.3	3.3
St. Francis	do	18	3.4	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.8	3.9	3.9	4.0
St. Francis L.L.	do	..	17.0	16.4	17.1	17.9	18.3	18.2	17.7	17.2	16.8	16.3	16.9	17.8	17.8	17.3	16.8	16.3	17.3	17.9	17.5	17.1	16.6	17.3	18.0	18.5	18.9	18.7	18.4	18.0	17.9	17.6	17.4
Marked Tree	do	17	3.4	3.3	1.0	0.6	0.6	2.7	3.5	3.5	3.5	3.3	1.6	0.6	3.0	3.5	3.4	3.3	1.0	0.7	3.0	3.5	3.4	1.3	0.7	0.6	0.6	3.3	3.5	3.8	3.7	3.6	3.6
Parkin	do	28	1.6	2.7	2.9	2.3	1.3	1.0	1.0	2.6	3.1	3.1	3.1	2.7	1.8	1.4	2.8	3.0	3.0	2.3	1.4	1.4	2.8	3.1	2.6	2.6	1.3	1.0	1.9	3.0	3.3	3.4	3.4
Madison	do	32	0.0	0.0	1.0	1.3	0.9	0.4	0.1	0.0	1.0	1.4	1.6	1.5	1.1	0.6	0.3	1.0	1.4	1.3	0.9	0.4	0.2	1.0	1.4	1.0	0.5	0.2	0.2	0.3	1.3	1.6	1.7
Helena	Mississippi	42	5.1	5.0	4.7	4.3	4.0	3.9	3.7	3.7	3.8	3.9	3.9	3.7	3.7	3.6	3.6	3.9	4.3	4.6	4.7	4.7	4.5	3.9	3.2	2.8	2.7	2.3	2.0	1.8	1.8	2.0	2.6
Arkansas City	do	42	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.8	1.7	1.8	1.8	1.8	1.7	1.5	1.6	1.6	1.7	2.1	2.4	2.6	2.7	2.6	2.3	1.7	1.4	1.2	1.0	0.7	0.5	0.3	0.4

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters a,b,c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ¹Precipitation is for the 24-hour period, midnight to midnight. ²Precipitation measured in morning; amount recorded is for the preceding 24 hours. ³Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T, Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:--Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt. Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLVIII Little Rock, Ark., Year, 1943 No. 13

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GENERAL SUMMARY

The annual mean temperature for Arkansas departed only 0.2° from normal. With the exception of a very cold March, the first eight months of the year were considerably warmer than average, the remainder of the year quite cold. December was the coldest month, although the lowest temperatures were recorded in January. Sub-zero temperatures occurred in January, March, and December. August was the warmest month, but July was also considerably warmer than normal. The highest temperature of the year was 113° at Conway on August 15th, and the lowest was −9° at Devils Knob on January 19th. Practically all stations in the State recorded their lowest temperatures of the year on January 19th. The highest temperatures occurred on various dates in July or August. Considering individual stations, annual mean temperatures ranged from 57.3° at Gilbert to 66.2° at Magnolia. The summer of 1943 was the hottest since 1936. At Little Rock there were 23 days with temperatures of 100° or higher.

With an annual average of 35.01 inches of precipitation in the State, the year was the driest since 1936 and the second driest on record. March and May were the only months with excess precipitation. January, February, July, August, and November were very dry. The largest annual total was 47.82 inches at Rogers, and the least was 25.09 inches at DeQueen. The largest monthly total was 19.03 inches at Rogers in May. There was no precipitation at Siloam Springs in January or at DeQueen, Marianna, and Okay in August. The greatest rainfall recorded in 24 hours was 6.93 inches at Lutherville on May 10th-11th. Snowfall was below normal.

The weather during 1943 was unfavorable for agriculture. Devastating floods in the valleys of the Arkansas, White, and Black rivers in May inundated approximately one half million acres of crop land. Although a considerable portion of the acreage was replanted, the season was too far advanced for replanting cotton and corn. Sand deposits and erosion removed a considerable acreage from cultivation. The severe drought during July and August reduced yields of cotton, corn, and truck. Pastures turned brown and afforded little feed for livestock. Freezing weather in the spring and insufficient moisture during the summer reduced the quality and quantity of the fruit crop. The severe freeze of March 3d resulted in considerable damage to the Elberta peach crop. The strawberry yield was cut by low temperatures around the middle of April and by dry weather during the latter part of the month.

Continued on page 78

B.N.W.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip.01 or more	Clear	Partly cloudy	Cloudy
1891	60.5	108	6	44.49	....	94	180	94	91
1892	60.0	106	−14	57.75	8.7	98	159	98	109
1893	60.7	103	−13	47.91	6.4	75	185	95	85
1894	61.3	108	−22	49.05	5.9	75	176	97	92
1895	59.8	105	−17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	− 2	46.13	3.9	76	178	96	91
1898	61.4	108	− 4	56.82	3.0	89	158	106	101
1899	60.6	112	−25	41.49	6.6	76	170	105	90
1900	62.0	108	− 5	49.03	2.2	92	150	120	95
1901	61.1	116	− 6	35.27	2.9	65	175	111	79
1902	60.5	108	− 2	51.70	8.3	81	150	121	94
1903	59.3	105	−12	44.62	4.3	84	162	107	96
1904	60.5	105	− 5	43.45	2.9	78	169	112	85
1905	59.6	106	−29	62.17	12.1	103	146	107	112
1906	60.3	101	− 7	55.99	4.3	95	156	96	113
1907	61.9	113	− 8	49.73	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	−19	44.05	6.5	83	176	93	96
1910	61.0	105	−13	45.21	11.0	84	172	109	84
1911	62.8	107	− 9	49.54	1.7	95	152	117	96
1912	59.8	106	−16	45.83	7.8	81	171	110	85
1913	61.6	108	− 1	54.01	5.6	89	158	107	100
1914	61.4	110	−11	42.85	8.6	82	149	109	107
1915	60.6	107	− 3	53.08	4.7	82	163	81	121
1916	61.9	107	−16	42.18	6.3	75	191	76	99
1917	59.2	106	−21	40.72	12.1	75	187	74	104
1918	61.4	115	−23	44.64	18.3	75	174	76	115
1919	61.6	113	−10	54.52	3.4	91	166	75	124
1920	60.7	105	− 2	54.28	2.5	90	174	74	118
1921	64.2	107	− 3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	− 8	37.03	7.9	74	193	68	105
1925	63.0	113	− 6	42.19	2.2	74	184	81	100
1926	61.3	110	−17	49.24	6.0	88	175	79	111
1927	63.1	105	− 2	65.85	2.4	99	161	85	119
1928	61.1	105	−10	50.50	0.9	86	183	76	107
1929	60.5	110	−20	46.10	13.9	98	162	83	120
1930	61.7	115	−28	45.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	− 5	51.11	4.4	95	175	85	106
1933	63.2	109	−13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	−11	57.01	3.7	93	154	90	121
1936	62.0	120	−15	34.75	6.1	71	188	85	93
1937	61.1	111	0	55.20	1.9	102	154	90	121
1938	63.6	109	4	48.25	0.3	81	176	95	94
1939	62.7	112	4	50.16	5.1	89	179	89	97
1940	59.3	104	−14	44.85	9.8	97	165	85	116
1941	61.9	107	5	46.28	4.2	96	146	109	110
1942	61.0	106	−21	49.71	8.3	94	153	101	111
1943	61.6	113	− 9	35.01	2.5	70	171	100	94
Period	61.4	120	−29	47.92	5.5	86	169	93	103

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1943

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	41.8	+ 0.6	87	− 9	1.00	−3.31	4.36	1.2	3	15	8	8	sw.
February	47.5	+ 3.9	83	7	1.00	−2.36	3.87	0.4	3	14	8	6	sw.
March	46.9	− 5.6	84	− 6	5.66	+1.04	10.61	0.2	10	13	6	12	s.
April	62.9	+ 1.4	95	25	3.20	−1.73	5.03	0.0	7	15	8	7	s.
May	71.0	+ 1.8	95	38	7.89	+2.95	19.03	0.0	10	10	9	12	s.
June	79.8	+ 2.7	102	47	2.86	−1.19	7.42	0.0	7	11	14	5	s.
July	82.9	+ 2.3	110	47	1.13	−2.59	4.50	0.0	4	17	11	3	sw.
August	84.6	+ 4.5	113	48	1.03	−2.53	4.67	0.0	3	21	8	2	sw.
September	70.4	− 3.9	104	38	3.23	−0.08	7.50	0.0	8	11	9	10	ne.
October	61.3	− 1.5	90	27	3.48	+0.27	6.51	0.0	5	16	8	7	s.
November	49.7	− 1.6	88	15	1.10	−2.61	3.30	T.	3	19	5	6	sw.
December	40.7	− 2.1	82	− 5	3.43	−0.77	5.58	0.7	7	9	6	16	n.
Annual	61.6	+ 0.2	113	− 9	35.01	−12.91	19.03	2.5	70	171	100	94	sw.

Climatological Data for Year, 1943

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit						Precipitation, inches							Number of days				Prevailing direction of wind
			Length of record, years	Annual mean	Highest	Date	Lowest	Date	Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	
Alum Fork†	Saline	755	7	62.7	105	July 22§	2	Jan. 19	7	36.20	7.92	May	0.55	Aug.	1.5	73	157	110	98	w.
Arkadelphia	Clark	200	6	62.9	110	Aug. 10§	5	Jan. 20	48	35.00	8.62	Mar.	0.26	Aug.	2.0	57	147	133	85	sw.
Arkansas City	Desha	145	......	......	......	......	......	......	59	36.36	9.35	Mar.	0.74	June	......	74	232	42	91	......
Batesville Airway	Independence	363	7	60.8	110	July 22§	3	Jan. 19	7	30.61	9.56	May	0.45	Nov.	4.8	89	145	118	102	s.
Batesville Livestock	Independence	571	3	58.8	109	Aug 16	−1	Jan. 20	3	34.53	10.89	May	0.34	Jan.	3.6	61	161	151	53	sw.
Batesville River	Independence	277	......	......	......	......	......	......	44	31.14	9.30	May	0.40	Nov.	4.8	84	200	77	88	......
Bee Branch	Van Buren	650	50	60.1	107	Aug. 16§	1	Jan 19§	51	29.95	9.00	May	0.20	Nov.	4.0	61	191	100	74	n
Benton	Saline	285	7	......	109	Aug. 9§	1	Jan. 21	8	32.52	6.50	Mar.	0.50	July	2.8	74	249	74	42	sw.
Bentonville	Benton	1295	38	58.0	105	July 22	−3	Jan. 19	38	45.07	16.89	May	0.06	Jan.	1.1	95	166	143	56	s.
Bethesda†	Independence	483	......	......	112	Aug. 27	2	Jan. 20	4	34.21	10.64	May	0.28	Jan.	3.3	58	158	152	55	w.
Big Lake Outlet†	Mississippi	239	......	......	......	......	......	......	13	39.32	7.15	Mar.	T.	July	3.5	75	191	43	131	......
Black Rock	Lawrence	259	......	......	......	......	......	......	42	31.86	8.40	May	0.18	July	1.6	78	224	17	124	......
Bluff City	Nevada	......	2	64.7	106	Aug. 16	5	Jan. 19	2	32.55	6.93	Mar.	0.00	Aug.	1.0	56	211	77	77	s.
Blytheville	Mississippi	252	18	60.2	104	Aug. 16§	6	Jan. 19§	18	30.59	6.01	Mar.	T	July	5.2	69	213	91	61	s.
Booneville	Logan	465	28	63.0	113	Aug. 16	0	Jan. 19	29	35.08	12.41	May	0.12	Jan.	T	76	186	107	72	w.
Boughton†	Nevada	235	......	......	......	......	......	......	8	35.75	8.28	Mar.	0.30	Aug.	1.1	53	153	59	153	......
Brinkley	Monroe	198	56	61.4	109	Aug. 16	6	Jan. 20	56	31.35	7.28	Mar.	0.34	July	4.0	88	115	101	149	s.
Calico Rock	Izard	361	......	......	......	......	......	......	39	33.36	10.37	May	0.18	Jan.	2.3	74	124	55	186	......
Camden	Ouachita	116	52	64.8	109	Aug. 16	8	Jan. 19§	58	37.97	7.40	Mar.	0.37	Aug.	1.5	77	128	171	66	s
Camp Robinson	Pulaski	450	2	61.4	109	Aug. 16	4	Jan. 18	2	32.15	8.32	Mar.	0.24	Aug.	2.0	69	81	209	75	sw.
Clarendon	Monroe	172	......	......	......	......	......	......	39	31.51	7.61	Mar.	0.14	July	2.5	79	148	103	114	......
Conway	Faulkner	309	47	63.6	113	Aug 15	6	Jan. 19§	60	31.02	6.57	May	0.16	Aug.	5.0	69	227	87	51	s.
Corning	Clay	293	43	60.1	105	Aug. 25§	3	Jan. 19	50	31.20	8.55	May	0.14	Jan.	1.5	75	199	61	105	w.
Cotter	Baxter	440	......	......	......	......	......	......	16	30.77	11.13	May	0.28	Jan.	6.1	63	191	93	75	......
Crossett	Ashley	175	20	63.8	107	Aug. 10	4	Jan. 20	31	36.57	6.43	Mar.	1.06	April	T.	70	202	78	85	s
Danville	Yell	327	......	......	......	......	......	......	27	31.98	6.85	May	0.21	Jan.	0.6	69	157	144	64	......
Dardanelle	Yell	330	34	63.3	109	Aug. 16	4	Jan. 19	57	34.51	9.04	May	0.25	Jan.	1.0	72	106	139	120	s.
DeQueen	Sevier	426	8	63.0	108	Aug. 16	4	Jan. 19	8	25.69	4.41	April	0.00	Aug.	......	52	219	87	59	......
Des Arc	Prairie	204	3	62.9	107	Aug. 27	7	Jan. 19	6	30.73	7.25	Mar.	0.35	Aug.	1.3	60	96	96	173	n.
Devils Knob†	Johnson	2350	7	57.8	103	July 22	−9	Jan. 19	7	45.05	12.62	May	0.35	Jan.	3.4	92	220	43	102	sw.
Dumas	Desha	162	29	64.4	110	Aug. 16	10	Jan. 19§	38	35.90	9.76	Mar.	T	Aug.	0.8	76	109	156	100	s.
El Dorado	Union	270	39	65.7	105	Aug. 9	9	Jan. 19	43	39.63	7.93	Mar.	0.43	Feb.	0.5	73	239	58	68	s.
England	Lonoke	229	36	......	106	Aug. 27	7	Jan. 19	37	......	......	......	......	......	......	......	......	......	......	......
Eureka Springs	Carroll	1465	42	59.7	105	July 22§	−8	Jan. 19	43	41.60	13.88	May	0.08	Jan.	4.5	94	229	78	58	sw.
Fayetteville	Washington	1425	6	60.2	104	July 22§	−6	Jan. 19	6	41.80	16.18	May	0.06	Jan.	2.7	95	103	137	125	s.
Fayetteville Exp	Washington	1451	52	59.2	105	July 23	−6	Jan. 19	56	40.74	15.01	May	0.12	Jan.	0.7	99	159	147	59	s.
Fordyce	Dallas	280	2	64.7	108	Aug. 8§	5	Jan. 19	2	33.69	9.71	Mar.	0.31	Aug.	1.4	65	167	101	97	sw.
Fort Smith	Sebastian	448	62	62.6	106	Aug. 16	1	Jan. 19	62	43.17	14.71	May	0.22	Jan.	1.5	103	120	144	101	......
Ft. Smith Water Plant†	Crawford	793	......	......	......	......	......	......	5	37.64	11.01	May	0.10	Nov.	1.5	53	175	112	78	......
Fulton	Hempstead	260	......	......	......	......	......	......	58	35.86	7.15	Mar.	0.10	Aug.	T	61	172	82	111	......
Georgetown	White	200	......	......	......	......	......	......	31	30.94	6.50	Mar.	T.	July	3.0	53	245	21	99	......
Gilbert	Searcy	600	8	57.3	100	July 19	−1	Jan. 19	18	30.96	10.83	May	0.10	Jan.	1.5	65	240	27	98	w.
Glenwood	Pike	547	......	......	......	......	......	......	8	38.18	8.06	May	0.10	Aug.	T	61	189	26	150	......
Grannis	Polk	950	23	62.1	110	Aug. 16	0	Jan. 19	24	31.11	5.36	Dec.	0.41	Jan.	0.2	92	163	98	104	s.
Gravette	Benton	1250	45	59.0	107	July 24	−9	Jan. 19	46	44.17	16.48	May	T.	Jan.	2.0	70	235	66	64	sw.
Green Mountain†	Stone	1100	4	......	107	Aug. 26§	......	......	4	28.52	8.75	May	0.10	Jan.	3.0	51	149	131	85	s.
Harrison	Boone	1052	42	59.4	106	July 22	−4	Jan. 19	43	35.71	12.97	May	0.18	Jan.	2.6	67	188	113	64	nw.
Heber Springs	Cleburne	272	......	......	......	......	......	......	14	31.91	9.68	May	0.48	July	2.1	71	202	91	72	......
Helena	Phillips	300	45	62.5	105	Aug. 27	7	Jan. 19	71	34.36	9.47	Mar.	0.29	Aug.	3.1	71	162	59	144	ne.
Highland	Pike	491	14	......	108	Aug. 16	3	Jan. 19	24	35.76	6.00	May	0.20	Aug.	0.0	47	171	117	77	s.
Hope	Hempstead	375	37	62.7	109	Aug. 16	6	Jan. 19§	73	39.16	8.62	Mar.	0.07	Aug.	......	72	143	126	96	sw.
Hot Springs	Garland	760	46	64.4	109	Aug. 16	2	Jan. 19	52	39.28	7.54	May	0.96	Feb.	1.6	77	196	114	55	s
Index†	Little River	275	......	......	......	......	......	......	26	29.93	7.13	Mar.	0.10	June	T.	45	259	10	96	......
Jessieville	Garland	750	......	......	......	......	......	......	17	39.76	11.96	May	0.11	July	......	53	124	172	69	......
Jonesboro	Craighead	345	47	61.6	105	Aug. 16§	5	Jan. 19	48	27.86	6.66	Mar.	0.45	Nov.	4.2	96	132	112	121	ne.
Lead Hill	Boone	650	26	58.3	107	July 22	−5	Mar 3	37	33.81	12.24	May	0.16	Jan.	4.0	90	222	71	72	s.
Little Rock	Pulaski	265	64	62.5	107	Aug. 16	7	Jan. 19	64	34.55	7.61	Mar.	0.40	Aug.	2.9	80	118	117	130	sw.
Lutherville†	Johnson	775	45	61.1	106	July 24	−1	Jan. 19	44	36.73	13.68	May	0.19	July	1.5	78	177	84	104	w
Madison	St. Francis	209	......	......	......	......	......	......	13	37.02	7.82	Mar.	0.80	Oct.	3.5	58	99	40	226	......
Magnolia	Columbia	315	24	66.2	108	Aug. 16	8	Jan. 19	27	37.36	6.01	Mar.	0.16	Aug.	0.0	58	114	169	82	se.
Mammoth Spring	Fulton	600	38	59.5	105	Aug. 15	−1	Jan. 19	39	26.72	7.63	May	0.02	Jan.	2.0	66	165	134	66	sw.
Marianna	Lee	234	31	61.4	108	Aug. 27	9	Jan. 19	32	36.81	7.71	Mar.	0.00	Aug.	5.5	49	135	127	103	n.
Marked Tree	Poinsett	229	27	59.7	104	Aug. 16§	5	Jan. 19§	39	35.75	6.62	Mar.	0.33	July	1.9	74	145	150	70	n.
Marshall	Searcy	1050	23	......	105	Aug. 27	......	......	24	34.93	13.10	May	0.02	Jan.	0.2	79	175	107	83	sw.
Mena	Polk	1207	51	62.6	109	Aug. 16	−1	Jan. 19	55	37.12	6.51	Oct	0.25	Jan.	T	69	167	99	99	sw.
Monticello	Drew	273	7	64.2	108	Aug. 8§	10	Jan. 19§	7	28.39	6.58	Mar	0.50	Oct.	T.	79	123	120	122	sw.
Morrilton†	Conway	315	21	61.3	107	Aug. 15§	5	Jan. 19	24	32.09	6.18	May	0.50	Jan.	2.0	69	135	122	108	s.
Mountainburg	Crawford	712	......	......	......	......	......	......	6	44.82	12.78	May	0.16	Jan.	1.5	75	197	82	86	s.
Mountain Home	Baxter	800	26	59.2	107	July 22	−3	Jan. 19	31	33.37	10.01	May	0.16	Jan.	5.5	63	192	57	116	w.
Mountain Valley	Garland	788	......	......	......	......	......	......	5	37.57	8.81	May	0.00	Aug.	1.0	40	137	137	91	s.
Mount Ida	Montgomery	702	28	61.1	111	Aug. 16	−2	Jan. 20	44	35.11	11.56	May	0.41	Aug.	0.5	70	155	113	97	w.
Mulberry†	Franklin	433	......	......	......	......	......	......	5	42.47	14.47	May	0.17	Jan.	1.0	78	212	38	115	......
Nashville	Howard	350	5	63.9	106	Aug. 10§	7	Jan. 19	5	39.32	7.53	May	0.52	Aug.	T.	70	234	76	55	sw.
Newport	Jackson	231	55	62.2	110	Aug 16	5	Jan. 19	60	33.68	6.31	May	0.56	Nov.	3.0	70	172	81	112	sw.
Nimrod Dam†	Perry	475	1	62.6	109	July 23§	2	Jan. 20	1	30.40	7.17	May	0.09	July	......	67	174	108	83	e.
Oden	Montgomery	800	7	......	111	Aug. 16	......	......	16	33.60	8.39	May	0.40	Aug.	1.5	62	140	146	79	sw.
Okay	Howard	288	15	......	108	Aug. 16	7	Jan. 19	15	38.29	7.99	Mar.	0.00	Aug.	T	66	208	99	58	sw
Osceola	Mississippi	250	......	......	......	......	......	......	5	32.64	5.96	Mar.	0.03	July	3.0	81	213	95	57	......
Ozark	Franklin	396	46	62.3	112	Aug. 16	1	Jan. 19	48	35.49	12.63	May	0.18	Jan.	......	66	106	132	127	se.
Paragould	Greene	275	5	59.7	101	July 26§	5	Jan. 19	18	31.93	5.88	Mar.	0.96	Jan.	5.8	94	225	80	60	sw.
Parkin	Cross	222	......	......	......	......	......	......	13	32.39	7.12	Mar.	0.36	Jan.	1.1	53	161	56	148	......
Perryville	Perry	325	3	......	110	Aug. 16	1	Jan. 20	3	32.04	7.08	May	0.17	Aug.	1.5	51	134	169	62	......
Pine Bluff	Jefferson	215	55	65.4	112	Aug. 15	9	Jan. 19	56	34.74	10.11	Mar.	0.16	Aug.	1.0	70	147	149	69	sw.
Pine Ridge	Montgomery	840	......	......	......	......	......	......	19	......	......	......	......	......	......	......	......	......	......	......
Pocahontas	Randolph	309	49	60.1	105	Aug. 26§	3	Jan. 19	50	31.20	7.48	May	0.17	Jan.	2.3	77	168	133	64	sw.
Portland	Ashley	122	37	65.2	107	Aug. 27	8	Jan. 26	37	36.29	7.18	Mar.	1.06	June	T.	67	185	94	86	n.
Prescott	Nevada	318	54	65.4	109	Aug. 16	6	Jan. 19	55	39.26	8.16	Mar.	0.18	Aug.	T.	71	193	90	82	n.
Rogers	Benton	1300	48	58.2	102	July 22§	−9	Jan. 19	53	47.82	19.93	May	0.65	Jan.	3.6	97	172	117	76	s.
Rosebud	Faulkner	680	......	......	......	......	......	......	9	36.09	9.69	May	0.58	Jan.	4.7	71	217	100	48	n.
Russellville	Pope	526	33	......	108	Aug. 16	6	Jan. 20	31	37.93	7.02	May	0.20	Jan.	1.5	67	146	154	65	w.
St. Charles	Arkansas	175	7	62.1	109	Aug. 16	10	Jan. 19§	10	33.02	10.25	Mar.	0.12	Aug.	3.0	66	135	117	113	n.
St. Francis	Clay	290	......	......	......	......	......	......	16	29.95	7.44	May	0.30	Jan.	2.0	72	251	0	114	......
Searcy	White	215	30	61.6	106	Aug. 27	5	Jan. 19	33	37.52	6.21	May	0.75	Nov.	1.5	80	197	62	106	ne.
Sheridan	Grant	......	2	......	111	Aug. 16	4	Jan. 20	2	35.82	9.97	Mar.	0.25	Aug.	2.5	89	88	197	80	sw.
Siloam Springs	Benton	1150	2	58.2	110	Aug. 7	−8	Jan. 19	2	44.24	18.51	May	0.00	Jan.	1.0	74	174	143	48	s.
Springbank†	Miller	240	......	......	......	......	......	......	34	32.69	5.42	Oct.	0.47	Feb	......	69	197	20	148	......
Story	Montgomery	650	......	......	......	......	......	......	19	36.89	13.07	May	0.04	Aug.	0.5	45	230	57	78	s

Climatological Data for Year, 1943

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Stuttgart	Arkansas	214	53	62.4	108	Aug. 16	6	Jan. 19	56	31.58	9.13	Mar.	0.47	Aug.	2.0	63	231	69	65	nw.
Stuttgart Evap.	Arkansas	198	7	61.5	107	Aug. 16	9	Jan. 19	8	28.99	8.99	Mar.	0.04	Aug.	2.0	72	......	......	......	......
Subiaco	Logan	750	46	63.1	109	July 24§	1	Jan. 19	46	37.91	11.98	May	0.23	Jan.	0.7	85	184	85	96	se.
Texarkana	Miller	268	57	64.7	104	Aug. 10	6	Jan. 19	58	31.66	6.77	May	0.20	Aug.	T.	77	122	157	86	sw.
Turnpike †	Pope	2240	7	58.0	101	Aug. 10	− 6	Jan. 19	19	43.17	13.73	May	0.18	Jau	2.7	92	213	52	100	sw.
Waldron	Scott	675	5	62.4	109	Aug. 16	0	Jan. 19	24	35.84	12.16	May	0.00	July	....	65	97	210	58	se.
Warren	Bradley	206	47	65.3	109	Aug. 8	10	Jan. 19§	49	36.88	8.73	Mar.	0.85	July	T.	74	79	83	203	nw.
Whitecliffs	Little River	290	..	......	......	....	.....	....	37	35.01	7.45	May	T.	Aug.	T.	36	229	26	110	......
White Rock †	Franklin	2285	7	57.7	104	Aug. 10	0	Mar. 3	7	43.89	14.07	May	0.18	Jan.	1.0	71	217	61	87	sw.
Wilson	Mississippi	237	18	......	105	Aug. 27	.....	....	18	32.53	7.66	Mar.	0.20	July	T.	46	214	43	108	s.
Wynne	Cross	167	35	......	106	July 22§	5	Jan. 19	35	34.12	8.08	Mar.	0.24	Feb.	2.0	61	193	70	102	s.

Monthly and Annual Precipitation for the Year 1943, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Abbott	0.14	......	1.11	......	3.69	......	3.05	......	14.09	......	3.43	......	0.03	......	0.29	......	2.10	......	5 61	......	0.49	......	....	......	.....	....
Alum Fork Reser.	0.66	......	0.75	......	6.65	......	2.22	......	7.92	......	2.73	......	0.84	......	0.55	......	4.54	......	4.19	......	1.38	......	3.77	......	36.20	....
Arkadelphia	1.90	−2.93	0.73	−2.88	8.62	+4.15	3.06	−1.81	5.45	+0.33	2.07	−2.54	1.97	−1.72	0.26	−3.37	1.71	−1.63	4.67	+1.25	1.39	−2.16	3.16	−1.72	35.00	−15.03
Arkansas City	2.62	−1.93	1.91	−2.41	9.35	+4.15	1.60	−3.60	3.51	−1.46	0.74	−2.88	2.49	−1.15	1.19	−2.77	4.64	+1.69	2.09	−0.53	3.18	−0.60	3.04	−2.94	36.36	−14.43
Batesville Airway	0.60	......	0.79	......	5.11	......	2.82	......	9.56	......	2.19	......	0.62	......	1.44	......	1.41	......	2.56	......	0.45	......	3.06	......	30.61	....
Batesville, Livestk	0.34	......	0.75	......	4.17	......	3.30	......	10.89	......	3.55	......	1.06	......	2.60	......	1.43	......	3.00	......	0.76	......	2.68	......	34.53	....
Batesville, River	0.47	−4.21	0.76	−2.68	4.36	+0.08	2.94	−1.81	9.30	+4.31	3.41	−0.51	0.73	−3.09	1.57	−2.84	1.41	−2.34	2.78	−0.41	0.40	−3.03	3.01	−0.91	31.14	−17.44
Beaty Lake	1.14	......	1.27	......	8.11	......	3.09	......	5.13	......	3.96	......	1.25	......	2.81	......	6.06	......	1.21	......	1.76	......	3.91	......	39.70	....
Bee Branch	0.50	−4.05	0.90	−2.14	4.40	+0.02	3.35	−1.50	9.00	+3.94	1.10	−3.39	1.90	−1.51	1.15	−2.88	0.85	−2.35	3.40	−0.16	0.20	−3.46	3.20	−0.97	29.95	−18.45
Beech Grove	0.76	......	0.10	......	3.84	......	2.06	......	8.95	......	1.50	.....	....	......	....	......	....	......	....	......	0.60	......	2.35	......	.....	....
Beedeville	1.19	......	0.49	......	6.94	......	3.25	......	3.81	......	4.05	......	0.60	......	0.95	....	1.16	......	4.52	......	1.00	......	3.67	......	31.63	....
Benton	1.47	......	0.63	......	6.50	......	3.86	......	5.75	......	2.37	......	0.50	......	0.72	......	2.21	......	3.57	......	1.17	......	3.77	......	32.52	....
Bentonville	0.06	−2.61	0.96	−1.18	2.59	−1.44	3 27	−1.08	16.89	†11.68	3.76	−0.46	1.19	−3.15	2.31	−1.75	4.36	+0.68	6.17	+2.55	0.72	−2.29	2.79	+0.41	45.07	+ 1.36
Bethesda	0.28	......	0.76	......	3.97	......	3.46	......	10.64	......	3.96	......	1.36	......	2.44	......	0.99	......	3.03	......	0.79	......	2.53	....	34.21	....
Big Lake Outlet	1.13	−4.57	1.43	−2.03	7.15	+2.72	2.43	−1.39	4.25	+0.89	3.00	+0.31	T	−3.40	0.95	−1.88	3.12	+0.12	1.17	−1.64	1 17	−2.23	4.52	+0.20	30.32	−12.90
Black Rock	0.22	−4.39	0.95	−2.30	4.60	+0.24	3.07	−1.95	8.40	+3.67	2.81	−0.94	0.18	−3.56	2.03	−2.08	3.11	−0.84	3.40	+0.02	0.44	−3.47	2.65	−1.45	31.86	−17.05
Bluff City	2.64	....	0.98	......	6.93	......	4.87	......	4.73	......	0.53	......	2.38	......	0.00	......	2.18	......	2.99	......	0.86	......	3.46	......	32.55	....
Blytheville	1.10	−4.82	0 90	−1.88	6.01	+0.67	3.01	−1.55	4.94	+1.02	2.73	−1 33	T.	−3.22	1.72	−3.19	3.35	−0.10	1.12	−2.40	1.31	−2.92	4.40	+0.06	30.59	−19.66
Booneville (near).	0.12	−3.48	0.71	−1.89	2.73	−1.30	3.92	−0.38	12.41	+6.73	3.45	−0.75	0.98	−2.57	0.94	−3.14	2.53	−0.50	4.07	+0.79	0.43	−2.81	2.79	−0.25	35.08	− 9.55
Booneville	0.13	......	0.24	......	2.44	......	4.04	......	12.20	......	2.78	.....	0.72	......	....	......	2.60	......	4.09	.....	0.25	......	2.82	......	.....	....
Boughton	2.20	......	1.22	......	8 28	......	4.32	......	5.16	......	0.32	......	0.86	......	0.30	......	3.28	......	4.04	......	2.19	......	3.58	......	35.75	....
Brinkley	1.38	−3.81	1.19	−3.01	7.28	+1.99	2.30	−3.16	2.71	−2 68	3.60	−0.13	0.34	−3.94	0.77	−2.90	5.78	+1.80	2.54	−0.98	0.98	−2.98	2.48	−2.63	31.35	−22.43
Burdette	....	......	...	......	....	......	3.59	......	5.34	......	1 29	......	0 81	......	1.73	......	5.07	......	1.04	......	2.01	......	4.74	......	....	....
Calico Rock	0.18	−4.29	0.55	−2 21	3.55	−0.49	2.72	−1.64	10.37	+5.72	4.80	+1.22	0.65	−2.29	1.89	−2.47	1.68	−1.69	3.83	+0.94	0.35	−3.16	2.79	−0.79	33.36	−11.15
Camden	3.18	−1.56	1.83	−2.02	7.40	+2.77	2.81	−1 97	3.81	−0.91	3 14	−1.07	2.19	−1.82	0.37	−2.91	3.92	+0.71	3.58	+0.59	2.65	−1.29	3.09	−2.08	37.97	−11.56
Camp Robinson	1.17	......	1.37	......	8.32	......	3.53	......	5.53	......	0.98	......	0.80	......	0.24	......	2.11	......	3.63	......	1.20	......	3.27	......	32.15	....
Carlisle	1.42	......	0.97	......	6.26	......	1.09	......	4.49	......	2.16	....	....	......	0.26	......	2.22	......	3.28	......	1.34	......	3.05	......	...	....
Clarendon	1.26	−3.38	0.99	−2.93	7.61	+2.67	4.74	−0.57	3.70	−0.86	3 06	−0.53	0.14	−3.45	0.16	−3.52	3.90	+0.46	1.90	−1.34	1.40	−2.45	2.65	−2.40	31.51	−18.30
Clover Bend	0.28	......	0.16	......	5.73	......	1.86	......	10.32	......	6.22	......	....	......	2.22	......	...	......	....	......	....	......	....	......	.....	....
Cold Springs	0 11	.....	0.83	......	3.93	......	3 21	......	11.41	......	1.31	......	0.47	......	0.33	......	2.83	......	4.28	......	0.74	......	4.02	......	33.47	....
Conway	0.73	−3.98	0.78	−2 68	6.09	+1.81	3.45	−1.60	6.57	+1.51	1.13	−2.75	0.79	−2.75	0.16	−3.40	2.33	−1.14	3.85	+0.43	1.00	−2.60	4.14	−0.10	31.02	−17.25
Corning	0.14	−4.59	0.79	−2.56	4.51	+0.15	4.21	−0.89	8.55	+3.82	3.70	−0.37	0.32	−3.08	1.47	−2.82	1.19	−2.45	4.26	+0.88	0.18	−3.58	1.88	−1.99	31.20	−17.48
Cotter	0.28	−3.08	0.79	−1.86	2.78	−0.35	2.18	−1.63	11.13	+6.24	2.44	−2.51	0.67	−2.43	1.97	−1.45	1.51	−1.90	3.45	−0.50	0.66	−1.67	2.91	−0.39	30.77	−11.53
Crossett	3.85	−0.93	3.87	+0.13	6.43	+1.29	1.06	−4.63	4.52	−0.13	2.46	−1.46	1.73	−2.72	1.74	−1.58	3.15	+0.53	1.68	−1.82	2.60	−1.28	3.48	−2.58	36.57	−15.18
Danville	0.21	−3.73	0.35	−2.43	3.62	−0.12	2.82	−1.55	6.85	+1.06	3.88	−0.41	0.51	−2.95	0.38	−3.66	3.28	−0.11	4.71	+0.87	0.68	−2.39	4.69	+1.20	31.98	−14.22
Dardanelle	0.25	−3.37	0.68	−2.20	3.40	−0.58	4.12	−0.03	9.04	+3.85	2.68	−1.00	1.80	−1.29	0.78	−2.85	3.15	−0.14	4.13	+0.73	0.77	−2.54	3.71	+0.14	34.51	− 9.28
Denmark	0.78	......	0.53	......	5.21	......	3.63	......	7.01	......	2.57	......	1.58	......	2.09	......	1.90	......	3.45	......	0.42	......	3.25	.....	32.42	....
De Queen	0.82	......	1.17	......	3.98	......	4.41	......	3.76	......	0.71	......	1.05	......	0.00	......	0.93	......	3.50	......	1.92	......	2.84	......	25.09	....
Dermott	1.42	......	1.86	......	7.75	......	1.40	......	1.62	......	1.26	......	1.19	......	1.58	......	4.81	......	1.58	......	3.26	......	2.48	......	30.21	....
Des Arc	0.87	......	0.44	......	7.25	......	2.71	......	4.83	......	2.04	......	0.50	.....	0.35	......	2.54	......	4.07	......	1.36	......	3.77	......	30.78	....
Devils Knob	0.35	.....	1.48	......	4.23	......	3.20	......	12.62	......	4.46	......	1.35	......	1.70	......	6.25	......	5.10	......	0.80	......	3.51	......	45.05	....
Dumas	2.39	−2.63	1.09	−3.52	9.76	+4.00	1.58	−3.22	5.44	+1.97	3.26	−0 55	1.94	− 2.67	T.	−3.59	3.00	+0.11	2.15	−1.07	2.11	−2.09	3.18	−3.11	35 90	−16.37
Eagle Gap	0 26	......	1.88	......	5.08	......	3.87	......	10.83	......	7.32	......	0.19	... ..	0.31	......	2.92	......	6.75	......	1.34	.....	4.66	......	45.41	....
El Dorado	4.36	−0.37	0.43	−3. 17	7.93	+2.97	2.32	−2.91	3.44	−0.04	3 49	−0.20	1.61	−2.43	2.20	−0.80	4.66	+1.51	2.97	−0.35	1.78	−2.28	4.44	−1.77	39.63	− 9.84
Eleven Point	0.10	.....	0.71	......	3.95	......	2.70	......	8.80	......	3.71	......	0.40	......	1.03	......	2.27	......	2.93	......	0.38	......	2.10	......	29.08	....
England	1.44	−3.46	0.60	−3.20	7.05	+2.21	2.81	−2.76	5.12	+0.63	2.05	−1.78	0.35	−2.94	T.	−3.64	....	......	....	......	..	......	....	......	....	....
Eureka Springs	0.08	−3.12	0.96	−1 50	3.43	−0.55	4 70	−0.22	13.88	+8.29	3.00	−2.38	1.09	−3.21	1.42	−3.55	5.50	+1.28	3.82	+0.11	0.65	−2.45	3.07	+0.27	41.60	− 7.03
Evening Shade	0.21	......	0.92	......	3.23	......	2.90	......	11.85	......	4.87	......	0.05	... ..	1.14	......	2.45	......	2.94	......	0.55	......	2.49	......	33.60	....
Fayetteville	0.06	......	0.73	......	3.98	......	2.73	......	16.18	......	4.72	......	0.60	......	1.04	......	3.05	......	5.52	......	0.32	......	2.87	......	41.80	....
Fayetteville Exp.	0.12	−2.88	0.82	−1.38	3 45	−0.25	2.92	−1.68	15.01	+9.72	4.86	+0.12	0.34	−3.57	0.91	−3.13	3.81	+0.26	4.74	+1.04	0.65	−2.22	3.11	+0.41	40.74	− 3.56
Fordyce	3.21	......	0.87	... ..	9.71	......	2.40	......	2.89	......	3.11	......	0.66	......	0.31	......	4.09	......	2.72	......	1.81	......	1.91	......	33.69	.... ..
Forester	0.03	......	0.67	......	3.60	......	3.94	......	8.99	......	1.75	......	0.00	......	T	......	2.68	......	4.89	......	0.30	......	2.49	......	29.34	.....
Fort Smith	0.22	−2.32	1.07	−1.49	3.80	+0.79	4.12	+0.18	14.71	+9.89	4.86	+1.14	0.34	−3.03	1.22	−2.06	5.14	+2.15	4.79	+1.80	0.33	−2.54	2.57	−0.19	43.17	+ 4.32
Ft. Smith WaterPt.	0.15	......	1.04	......	2.65	......	2.55	......	11.01	......	6.13	......	0.16	......	0.22	......	5.11	......	5.65	......	0.10	......	2.87	......	37.64	....
Fulton	2.20	−2.43	1.57	−1.86	7 15	+2.81	3.13	−1.54	5.43	+0.78	0.77	−3.39	3.25	−0.50	0.10	−3.10	2.43	−0.22	4.84	+1.98	0 50	−3.00	4.49	+0.27	35.86	−10.20
Georgetown	1 00	−4.02	0.65	−3.03	6 50	+1.81	3.40	−1.81	4.58	−0.17	2.81	−1.68	T.	−3.36	0.14	−3.57	3.16	−0.73	4.15	+0.76	0.82	−2.97	3.73	−0.72	30.94	−19.49
Gilbert	0.10	−3.71	0.98	−1.25	2.47	−0.25	3.10	−2.01	10.83	+6.39	2.19	−1.64	1.17	−2.32	1.96	−1.92	1.06	−3.27	3.59	−1.09	0.79	−1.56	2.66	−0.67	30.90	−13.30
Glenwood	1.06	......	1.14	......	6.71	... ..	4 53	......	8.06	... ..	2.82	......	1.12	......	0.10	......	2.81	......	3.67	......	2.19	......	3.97	......	38.18	....
Grannis	0.41	−4.39	1.52	−2.74	4.46	−0.48	3.97	−2.33	4.38	−2.05	3.14	−1 88	2.78	−3.47	0.47	−3.17	1.73	−3.09	4.26	+0.04	1.63	−2.49	5.36	+0.48	34.11	−25 57
Gravelly	T.	......	0.75	......	3.16	......	2.37	...	6.10	......	1.62	... ..	1.38	. ....	0.00	......	2.17	......	5.00	......	1.04	......	3.62	......	27.21	......
Gravette	T.	−2.78	0.82	−1.07	2.21	−1.41	4.11	−0.45	16.48	†11.06	5.10	−0.45	0.38	−3.79	1.92	−2.21	4.54	+0.82	4.96	+1.23	0.60	−2.56	3.05	+0.64	44.17	− 0.96
Green Forest	0 05	......	0.74	.....	3.20	......	2.38	......	13.98	.....	7.24	......	0.03	......	1.76	......	3.96	......	3.21	......	0.90	......	2.59	......	40.04	....
Green Mountain	0.10	......	0.34	......	2.96	......	2.60	......	8.75	......	4.00	......	0.60	......	1.60	......	1.30	......	3.40	......	0.20	......	2.67	......	28.52	....
Greenwood	0.16	......	1.25	....	2.35	......	4.60	......	12.99	......	2.02	......	5.53	....	0.56	......	3.16	......	4.82	......	0.30	......	2.61	......	40.35	....
Harrisburg	0.98	......	1.06	......	6.75	......	3.23	......	1.87	......	1.22	......	0.25	......	0.25	......	2.18	......	2.37	......	0.75	......	3.79	......	24.70	....
Harrison	0.18	−2.99	0.82	−1.68	3.23	−0.36	1.93	−3.01	12.97	+7.76	3.84	−0.56	0.44	−3.67	2.12	−1.91	3.33	−0.70	3.27	+0.14	1.23	−1.58	2.35	−0.51	35.71	− 9.07
Heber Springs	0.49	−4.15	0.83	−1.61	5.50	+1.57	3.23	−1.08	9.68	+4.93	2.30	−2.03	0.48	−3.28	1.77	−1.77	0.81	−3.09	2.95	+0.11	0.56	−3.78	3.31	−0 26	31.91	−14.44

Monthly and Annual Precipitation for the year 1943, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Helena	2.11	−3.05	0.90	−2 99	9.47	+3.76	2.75	−2.35	3.76	−0.93	1.71	−1.65	0.74	−2.96	0.29	−3.53	6.03	+2.95	0.69	−2.29	2.18	−2.26	3.73	−1.70	34.36	−17.00
Henderson	0 05	......	0.86	......	3.24	......	2.97	......	9.92	......	5.70	......	0.62	......	2.58	......	0.40	......	2.93	......	0.73	......	2.36	......	32.36	......
Highland	1.13	−3.45	1.40	−1.97	5.80	+1.43	5.03	+0.89	6.00	+0.88	0.60	−3.50	2.85	−1.01	0.20	−3.58	3.80	+0.60	4.45	+1.28	1 65	−1.87	2.85	−1.41	35.76	−11.71
Hope	2.32	−2.48	1.48	−2.34	8.62	+3.94	4.57	−0.42	4.81	−0.39	3.37	−0.15	0.52	−3.84	0.07	−2.90	3.56	+0.15	3.86	+0.95	1.71	−2.05	4.27	−0.50	39.16	−10.03
Hot Springs	1.11	−3.75	0.96	−2.55	6.60	+2.17	4.68	−1.31	7.54	+1.53	3.20	−1 45	1.53	−3.07	1.82	−2 00	3.22	−0.28	3.73	+0.30	1.08	−2.82	3.81	−0.86	39.28	−14.09
Huttig	3.10	......	2.37	......	7.64	......	1.35	......	4.09	......	2.11	......	2.73	......	1.45	......	4.59	......	1.68	......	1.99	......	3.57	......	36.67	......
Index	0.80	−2.84	1.55	−1.26	7.13	+3.09	2.10	−2.08	5.35	+0.93	0.10	−2.78	2.25	−1.09	0.70	−2.59	1.80	−0.98	3.10	+0.20	1.10	−1.80	3.95	+0.24	29.93	−10.96
Irons Fork	0.35	......	0.96	......	4 35	......	2.75	......	8.03	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Jessieville	0.62	−5.54	1.55	−1.41	6.26	+1.95	3.64	−2.02	11.96	+5.92	3.25	−0.89	0.11	−3.33	0.14	−3.38	3.40	+0.24	3.46	−0.20	1.16	−3.17	4.15	−0 43	39.70	−12.26
Jonesboro	0.94	−4.08	0.96	−2.68	6.66	+2.10	2.33	−2.46	3.37	−0.82	2.37	−1.57	0.92	−2.37	2.05	−1.67	1.40	−2.01	3.21	−0.25	0.45	−2.94	3.20	−1.43	27.86	−20.18
La Crosse	0.35	......	0.94	......	3.35	......	2.51	......	10.84	......	3.65	......	0.12	......	1.11	......	1.29	......	2.83	......	0.56	......	3.05	......	30.60	......
Lake City	0.90	......	0.67	......	5.27	......	1.97	......	3.68	......	3.37	......	0.63	......	1.95	......	4.70	......	1.90	......	1.74	......	2.45	......	29.23	......
Lead Hill	0.16	−2.55	0.79	−1.45	3.12	−0.52	2.09	−1.85	12.24	+7.41	2.18	−3.07	1.06	−2.39	2.21	−2.93	3.51	+0.45	3.29	+0.15	0.47	−2 29	2.69	0.00	33.81	− 8.14
Little Rock	1.20	−3.53	0.96	−2.88	7.61	+2.99	4.57	−0.62	4.41	−0.37	2.81	−0.95	1.85	−1.65	0.40	−3.35	2.19	−0.98	4.40	+1.69	0.81	−3.38	3 34	−0.80	34.55	−13.83
Lutherville	0.21	−3.72	0.75	−2.33	4.07	+0.06	2.84	−2.00	13.68	+8.41	2.50	−2.00	0.19	−3.56	1.39	−2.46	4.60	+0.69	3.11	−0.89	0.29	−3.12	3.10	−0.84	36.73	−11.76
Madison	0.93	−5.32	1.37	−3.12	7.82	+2.78	3.81	+0.13	4.00	−0.10	1.85	−1.39	2.09	−3.63	2.75	+0.05	6.46	+3.64	0.80	−2.25	1.88	−2.72	3.26	−2.34	37.02	−14.27
Magnolia	3.30	−1.26	0.57	−3 22	6.01	+1.55	3.27	−1.57	3.71	−0.76	3.20	−0.62	3.77	+0.31	0.16	−2.88	4.13	+1.70	4.57	+1.72	0.71	−3.32	3.96	−1.33	37.36	− 9.68
Mammoth Spring	0.02	−3.44	0.62	−2.32	2.48	−1.18	2.97	−1.89	7.63	+3.04	3.79	−0.53	0.48	−3.34	0.36	−3.91	1.45	−2.08	3.36	+0.03	1.15	−2.12	2.41	−0.97	26.72	−18.71
Marianna	2.73	−2.16	1.92	−2.02	7.71	+3.04	3.29	−1 26	6.07	+1.79	2 57	−0.90	0.35	−3.12	0.00	−3.26	6.46	+2.95	0.59	−2.66	1.33	−2.17	3.82	−0.97	36.84	−10.74
Marked Tree	1.07	−4.62	0.70	−3.12	6.62	+1.73	3.67	−1.31	4.39	−0.31	5.50	+2.28	0.33	−3.17	0.38	−3.25	4.17	+1.21	1.85	−2.10	2 76	−1.39	4.31	−0.33	35.75	−14.38
Marshall	0.02	......	1.09	......	2.95	......	2.46	......	13.10	......	1.94	......	3.12	......	2.05	......	1.19	......	3.31	......	0.64	......	3.06	......	34.93	......
Marvell	1.55	......	3.34	......	8.40	......	4.26	......	4 02	......	4.03	......	0.00	......	0.69	......	5.25	......	1.25	......	....	......	4.62	......	....	......
Mena	0.25	−3.69	0.64	−2.68	3.90	−0.33	3.66	−2.05	5.80	−0.44	4.66	−0.34	0.85	−2.95	0.56	−3.78	3.30	−0.62	6.51	+2.43	1.41	−2.21	5.58	+1.61	37.12	−15.05
Monticello	2.44	......	1.56	......	6.58	......	1.85	......	1.36	......	0.89	......	0.83	......	0.96	......	5.18	......	0.50	......	3.30	......	2.94	......	28.39	......
Morobay	4.03	......	0.20	......	6.33	......	1.82	......	2.54	......	3.06	......	0.89	......	2.09	......	3.69	......	3.05	......	2.57	......	3.59	......	33.86	......
Morrilton	0.50	−3.36	0.58	−2.16	4.53	+0.85	3.22	−1.00	6.18	+1.27	3.62	−0.18	1.19	−1.51	0.84	−2.76	3.42	+0.43	3.63	+0.25	0.50	−2.78	3.88	0.00	32.09	−10.95
Mountainburg	0.16	......	0.99	......	4.04	......	2.92	......	12.78	......	7.42	....	0.33	......	1.26	......	7.50	......	4.19	......	0.22	......	3.01	......	44.82	......
Mountain Home	0.16	−3.17	0.66	−2.09	3.45	−0.06	2.89	−1.80	10.01	+5.00	3.00	−1.44	1.85	−1.99	4.15	−0.13	0.81	−3.49	3 14	−0.70	0.55	−2.28	2.70	−0.66	33.37	−12.81
Mountain Valley	0.77	......	1.21	......	6.92	......	1.97	......	8.81	......	2.90	......	1.52	......	0.00	......	3.16	......	4.50	......	2.00	......	3.81	......	37.57	......
Mountain View	0.08	......	0.48	......	3.49	......	4.49	......	5.38	......	3.46	......	0.57	......	2.05	......	1.20	......	2.92	......	1.03	......	3.06	......	31.21	......
Mount Ida	0.55	−3.79	0.96	−2.58	4.15	−0.01	3.18	−2.71	11.56	+5.63	2.82	−1.47	1.24	−2.49	0.41	−3.09	1.50	−2.62	3.95	+0.27	0.74	−3.69	4 05	−0.05	35.11	−16.60
Mulberry	0.17	......	1.06	....	4.03	......	3.54	......	14.47	......	2.72	......	1.24	.....	0.90	......	4.24	......	6.05	......	0.41	......	3.64	......	42.47	......
Nashville	1.10	......	1.37	......	5.85	......	4.32	......	7.53	......	1.52	......	2.46	......	0.52	......	4.08	......	4.45	......	2.20	......	3.92	......	39.32	......
Newhope	....	......	....	......	6.04	......	3.57	......	6.94	......	1.21	......	3.07	......	0.21	......	1.95	......	6.26	......	1.96	......	4.08	......	....	......
Newport	0.79	−4.45	0.78	−2.46	6.25	+1.83	3.83	−1.15	6.31	+1.95	3.44	−0.48	1.64	−1.45	1.49	−2.43	1.15	−2.58	3.60	+0.07	0.56	−3.08	3.84	−0.37	33.68	−14.60
Nimrod Dam	0.36	......	1.14	......	4.93	......	3.63	......	7.17	......	1.16	......	0.19	......	0.65	......	3.07	......	3.22	......	0.70	......	4 18	......	30.40	......
Odell	0.29	......	1.06	......	3.74	......	3.32	......	15.60	......	5.72	......	0.30	......	1.36	......	4.16	......	4.32	......	0.28	......	3.51	......	43.66	......
Oden	0.37	−4.13	0.95	−2.70	4.15	+0.43	2.96	−2.52	8.39	+3.56	3.77	+0.27	0.62	−2.69	0.30	−2.69	2.04	−0.68	4.20	+1.33	1.06	−3.15	4.79	+0.99	33.60	−11.98
Okay	1.22	−3.96	1.47	−2.48	7.99	+4.12	3.27	−0.49	5.46	+1.04	1.03	−2.05	2.21	−1.78	0.00	−2.48	3.50	+1.00	6.23	+3.38	1.53	−3.10	4.38	−0.36	38.29	− 7.16
Osceola	0.96	−3.98	0.83	−2.61	6.96	+1.87	3.88	−0.58	4 62	−1.19	3.96	+0.58	0.03	−3.44	0.56	−2.66	4.70	+1.86	0.74	−2.06	1.62	−2.77	4.38	+0.10	32.64	−14.88
Ozark	0.18	−2.91	1.04	−1.66	2.78	−1.07	3.60	−1.02	12.63	+7.26	0.99	−3.46	2.03	−1.16	0.80	−3.01	2.88	−0.51	4.72	+1 45	0.42	−2.67	3.42	+0.03	35.49	− 8.73
Paragould	0.96	−4.32	0.98	−2.75	5.88	+0.10	2.68	−2 04	5.62	+0.82	3.05	−1.01	1.99	−1.09	2.13	−1.84	1.62	−1.15	2.51	−0.44	1.25	−2.20	3.26	−1.27	31.93	−17.19
Parkin	0.36	−5 96	1.08	−2.98	7.12	+1.72	3.31	−0.71	4.08	+0.56	2.00	−1.75	1.55	−2.21	1.25	−1.63	5.51	+2.55	0.74	−2.40	1.49	−2.60	3.90	−1.32	32.39	−16.73
Perryville	0.51	−3.89	0.52	−2.90	5.47	+1.61	4.46	−0.80	7.08	+1.34	2.83	−2.07	1.20	−3.05	0.17	−3.88	2.32	−1.18	3.73	+0.23	0.37	−3.23	3.38	−0.60	32 04	−18.42
Pine Bluff	1.90	−3.29	1.13	−2.78	10.11	+4.94	2.81	−2.70	6.23	+1.56	1.43	−2.49	0.32	−3.24	0.16	−3.27	3.58	−0.03	2.80	−0.50	1.75	−2.25	2.52	−3.04	34.74	−17.09
Pine Ridge	....	......	0.59	−2.95	3 96	−0.79	2.75	−2.71	10.08	+4.81	4.26	−0.23	0.31	−3.32	0.00	−2.38	3.14	+0 17	3.98	−0.70	1.10	−3.15	3.72	−0.73	......	......
Pocahontas	0.17	−4.38	0 40	−2.94	4.50	+0.14	3.42	−1.43	7.48	+2.60	3.40	−0.96	0.94	−3.17	2.87	−1.98	1.41	−2.27	3.67	+0.23	0.41	−3.10	2.53	−1.50	31.20	−18.76
Portland	2.05	−2.64	2.46	−1.71	7.18	+2.01	1.63	−3 10	3.68	−1.67	1.06	−2.41	1.89	−2.21	4.67	+1.46	3.46	+0.97	2.10	−0.75	2.40	−1.53	3.71	−2.46	36.29	−14.04
Prescott	1.94	−2.80	1.25	−2.45	8.16	+3.66	4.50	−0.42	5.10	+0.05	1.19	−3.06	4.50	+0.51	0.18	−3.13	3.00	−0.35	8.89	+0.79	1.67	−1.96	3.88	−0.67	39.26	− 9.83
Rogers	0.05	−2.61	1.06	−0.81	2.62	−0.78	3.56	−0.88	19.03	+13.97	5.61	+0.49	0.30	−4.14	2.09	−1.81	6.24	+2.45	3.97	+0.74	0.45	−2.47	2.84	+0.50	47.82	+ 4.65
Rosebud	0.58	......	0.72	......	6.32	.....	2.24	......	9.69	......	4 35	......	0.65	......	2.01	......	2.32	......	2.73	......	0.88	......	3.60	......	36 09	......
Russellville	0.20	−3.25	0.55	−2.73	4.25	−0.63	4.44	+0.44	7.02	+1.43	5.33	+1.25	1.56	−2.71	2.17	−1.26	3.22	−0.83	5.03	+2.27	0.30	−3.65	3.86	+0.85	37.93	− 8.82
St. Charles	2.18	......	0.95	......	10.25	......	2 60	......	4.25	......	1.53	......	0.26	......	0.12	......	3.76	......	1.22	......	2.30	......	3.60	......	33.02	......
St. Francis	0.30	−5.84	0.70	−2.73	4.65	−0.75	4.05	−0.01	7.44	+3.49	2.29	−1.69	0.95	−3.37	2.19	−2.05	2.17	−2.79	2.07	− 1.95	0.73	−3.05	2.41	−1.96	29.95	−22.70
St. Paul	0.10	......	1.42	......	5.85	......	3.10	......	14.14	......	6.13	......	1.68	......	1.29	......	5.77	......	....	......	....	......	....	......	......	......
Searcy	0.91	−3.88	1.35	−1.98	6.14	+2.08	3.13	−1.20	6.21	+1.77	2.52	−1.48	2.39	−0.52	2.95	−1.10	2.46	−0.97	4.42	+1.28	0.75	−3.13	4.29	+0.05	37.52	− 9.08
Sheridan (near)	1.44	......	1.27	......	9.97	......	2.96	......	5.48	......	2.03	......	2.71	......	0.25	......	2.66	......	3.20	......	0.98	......	2.87	......	35.82	......
Shirley	0.33	......	1.03	......	3.42	......	2.97	......	10.73	......	1.42	......	1.12	......	2.24	......	1.41	......	3.72	......	0.25	......	3.05	......	31.69	......
Siloam Springs	0.09	......	0.83	......	2.15	......	2.63	......	18.51	......	4.02	......	1.35	......	0.53	......	4.33	......	5.88	......	0.98	......	3.03	......	44.24	......
Sparkman	2.17	......	1.10	......	8.55	......	3.40	......	2.36	......	2.08	......	0.40	......	0.75	......	2.58	......	3.55	......	1.63	......	2.98	......	31.55	......
Springbank	3.05	−0.96	0.47	−2.93	4.22	−0.17	4.25	−1.00	3.74	−0.79	1.69	−1.97	2.25	−1.95	0.92	−2.18	2.63	−0.34	5.42	+2.75	0.70	−3.11	3.35	−1.57	32.69	−14.22
Stamps	2.18	......	0.51	......	4.04	......	5.98	......	4.83	......	1.00	......	1.87	......	0.10	......	7.20	......	3.40	......	1.42	......	4.15	......	36.68	......
Stephens	2.33	......	1.80	......	3.61	......	4.90	......	4.59	......	0.71	......	....	......	0.49	......	1.97	......	5.11	......	0.98	......	3.11	......	......	......
Story	0.52	−3.50	1.23	−2.23	4.13	−0.15	2.14	−4.02	13.07	+8.00	2.42	−1.21	2.28	−1.32	0.04	−2.80	2.29	−0.65	4.57	+0.72	1.15	−2.81	3.05	−2.04	36.89	−12.01
Stuttgart	1.87	−3.17	0.76	−3.22	9.13	+4.14	3.62	−1.45	4.90	+0.05	0.99	−2.76	0.87	−2.57	0.47	−2.92	2.18	−1.32	2.10	−1.35	1.59	−2.23	3.10	−2.02	31.58	−18.82
Stuttgart (Evap.)	1.66	......	0.84	......	8.99	......	3.46	......	3.30	......	1.36	......	0.62	......	0.04	......	2.86	......	1.66	......	1.50	......	2.70	......	28.99	......
Subiaco	0.23	−3.38	0.47	−2.38	3.64	−0.09	3.54	−1.04	11.98	+6.71	4.34	+0.31	0.97	−2.40	1.13	−2.66	3.98	+0.55	4.08	+0.62	0 53	−2.56	3.02	−0.25	37.91	− 6.57
Sugar Grove	0.24	......	0.67	......	3.40	......	2.67	......	12.30	......	4.59	......	0.68	......	0.60	......	3.64	......	4.14	......	0.41	......	3.37	......	36.71	......
Texarkana	1.64	−2.44	1.18	−2.20	3.87	−0.39	3.11	−1.85	6.77	+2.17	2.54	−1.32	2.25	−1.91	0.20	−3.42	2.35	−0.39	3.58	+0.15	0.62	−2.80	3.55	−0 80	31 66	−15.20
Tichnor	....	......	1.37	......	9.73	......	2.07	......	3.49	......	1.54	......	1.09	......	0.05	......	3.71	......	1.63	......	1.83	......	3.56	......	......	......
Turnpike	0.18	−4.36	1.20	−2.15	4.87	+1.00	3.34	−1.92	13.73	+8.33	3.15	−1.79	0.87	−2.52	1.66	−2.31	5.85	+0.85	3.55	−1.61	1.14	−3.01	3.63	−0.56	43.17	−10.05
Viola	0.16	......	0.61	......	2.48	......	2.63	......	8.92	......	3.50	......	0.78	......	2.00	......	1.56	......	2.59	......	0.86	......	2.49	......	28.58	......
Wabash	1.54	......	0.85	......	10.61	......	2 92	......	3.24	......	1.56	......	....	......	....	......	....	......	....	......	....	......	....	......	......	......
Waldron	0.10	−3.73	0.89	−2.66	4.48	+0.21	2 75	−3.00	12 16	+6.16	2.53	−2.09	0.00	−3.68	0.29	−3.42	3.29	+0.12	5.12	+1.63	0.80	−2.53	3.42	−0.21	35.84	−13.20
Walnut Grove	0.29	......	1.04	......	4.74	......	2.23	......	9.23	......	5.88	......	2.41	......	1.52	......	1.62	......	2.58	......	0.37	......	3.19	......	35.10	......
Warren	3.25	−1.57	0.88	−3.37	8.73	+3.54	2.08	−3.09	4.56	−0.14	2.61	−1.11	0.85	−2.92	1.05	−2.48	4.82	+0 78	2 13	−1.40	2.77	−1.26	3.15	−2.78	36.88	−15.80
Whitecliffs	0.90	−3.00	2.27	−0.88	5.96	+1.77	3.25	−1.79	7.45	+3.07	1.47	−2.09	0.10	−2.95	T.	−2.67	2.47	−0.12	4.93	+1.86	0.86	−2.17	5.35	+1.32	35.01	− 7.64
White Rock	0.18	.....	1.32	......	4.76	......	3.36	......	14.07	......	5.85	.....	0.54	......	0.54	......	5.14	......	4.65	......	0.33	......	3.15	......	43.89	......
Wilson	1.01	−4.66	0.54	−2.61	7.66	+2.25	3.36	−1.93	4.76	−0.24	2.12	−1.19	0.20	−3.82	0.45	−3.47	5.94	+3.78	0.77	−2.54	0.98	−3.16	4.74	−0.28	32.53	−17.87
Wright	2.54	......	1.14	......	7.44	......	2.36	......	5.01	......	0.94	......	1.15	......	....	......	....	......	....	......	....	......	....	......	......	......
Wynne	0.44	−4.72	0.24	−3.44	8.08	+3.23	3.71	−1.51	4.57	−0.15	3.17	−0.73	0.70	−3.02	2.99	−0.72	3.54	+0.03	1.57	−2.12	1.15	−2.76	3.96	−0.89	34.12	−16.80

Monthly and Annual Mean Temperature for the Year 1943, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	42.9	......	48.2	......	47.4	......	63.4	......	71.4	......	79.5	......	83.2	......	84.8	......	72.8	......	62.6	......	53.2	......	42.6	......	62.7	......
Arkadelphia	41.2	......	47.6	......	47.6	......	62.5	......	73.9	......	81.5	......	84.0	......	85.4	......	74.4	......	64.2	......	50.4	......	42.0	......	62.9	......
Batesville (Airway)	40.3	+ 1.9	46.2	+ 5 4	45.6	+ 4.6	61.8	+ 3.0	70.5	+ 3.5	79.4	+ 4.0	83.6	+ 3.8	84.8	+ 5.3	70.3	− 2.3	60.2	− 0.4	48.2	− 1.0	38.6	− 1 4	60.8	+ 1.5
Batesville (Livestock)	37.6	......	44.1	......	42.8	......	59.7	......	68.1	......	77.2	......	81.3	......	82.8	......	68.5	......	59.4	......	47.0	......	37.4	......	58.8	......
Bee Branch	39.9	− 1.1	44.5	+ 1.7	43.2	− 8.6	60.2	− 0.8	68.0	− 0.3	78.0	+ 1.1	81.9	+ 1.3	83.6	+ 3.9	72.2	− 2.0	61.6	− 0.9	48.8	− 2.0	39.6	− 2.4	60.1	− 0.9
Benton	37.6	......	45.8	......	44.6	......	60.7	......	69.6	......	78.6	......	81.8	......	84.0	......	....	......	58.8	......	45.4	......	37.6	......	....	......
Bentonville	36.0	− 0.2	43.2	+ 3.7	41.8	− 6.6	59.8	+ 2.2	65.8	+ 0.8	77.4	+ 3.6	80.7	+ 2.7	83.6	+ 6.6	69.0	− 1.9	56.5	− 2.7	48.8	− 1.5	35.3	− 3 1	58.0	+ 0.2
Bethesda	....	......	43.2	......	42.6	......	59.7	......	68.5	......	77.5	......	81.0	......	82.0	......	69.4	......	60.1	......	46.4	......	37.4	......	....	......
Bluff City	45.6	......	51.4	......	50.6	......	66.3	......	74.7	......	81.8	......	83.4	......	85.8	......	74.0	......	63.8	......	53.3	......	45.2	......	64.7	......
Blytheville	40.6	− 1.4	45.8	+ 0.6	45.4	− 6.2	61.0	− 0.6	71.2	+ 1.0	80.2	+ 2.4	82.4	+ 0.4	82.8	+ 3.2	68.8	− 5.6	60.0	− 3.4	46.4	− 5 0	38.0	− 4.6	60.2	− 1.6
Booneville	42.7	+ 0.9	48.2	+ 2.0	48.2	− 5.0	65.0	+ 2.8	71.6	+ 1.8	80.2	+ 4.0	85.5	+ 3.5	87.9	+ 5.8	73.8	− 1.8	62.1	− 1.9	50.4	− 2.2	41.0	− 2.8	63.0	+ 0.5
Brinkley	41.4	− 1.0	46.8	+ 2 6	48.1	− 5.2	63.1	+ 1.1	72.2	+ 2.2	80 2	+ 2.4	83.1	+ 2 0	83.8	+ 3.4	70.2	− 4.6	60.2	− 2.4	47.9	− 4.0	39.8	− 4.0	61.4	− 0.6
Camden	46.2	+ 2.2	52.4	+ 5.2	51.9	− 3.1	66.2	+ 2.8	74.6	+ 3.8	82.7	+ 4.3	84.0	+ 2.8	85.8	+ 5 2	74.0	− 1.5	62.9	− 1.0	51.6	− 0.6	45.8	+ 0.8	64.8	+ 1.7
Camp Robinson	40.0^c	......	48.6	......	45.9	......	62.4	......	70.4	......	80.2	......	83.2	......	83.7	....	72.0	....	61 7	......	49.9^c	......	39.4	......	61.4	......
Clover Bend	39.4	......	44.0	......	44.1	......	61.2	......	70.2	......	78.2	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Conway	43.8	+ 1.6	49.6	+ 5.2	48.8	− 5.0	64.6	+ 2.5	72.2	+ 2.2	81.5	+ 3.2	86.0	+ 4.0	87.8	+ 6.2	73.7	− 1.6	63.4	− 0.1	50.8	− 1.1	41.0	− 1 8	63.6	+ 1.3
Corning	40.4	+ 2.2	45.8	+ 5.8	45.5	− 5.2	61.2	+ 1.2	70 6	+ 2.6	79.0	+ 3.0	81.6	+ 1.8	82.6	+ 4.1	69.0	− 3.6	60.0	0.0	48.4	− 0.2	36.8	− 3.1	60.1	+ 0.7
Crossett	46.2	0.0	50.9	+ 1.5	52.1	− 3.3	63.8	− 1.0	74.3	+ 2.5	80.6	+ 1.2	82.2	− 0.2	83.2	+ 1.2	73.2	− 2.3	62.3	− 3.5	50.4^a	− 3.6	45.9	− 0.7	63.8	− 0.6
Dardanelle	43.1	+ 1 7	49.2	+ 4.4	48.2	− 4.6	65.6	+ 3.3	72.2	+ 2.4	81.2	+ 3.0	85.4	+ 3.4	87.5	+ 6.7	73.4	− 1.8	62 2	− 1.2	50.7	− 1.2	41.4	− 1.0	63.3	+ 1.2
De Queen	44.1	......	48.8	......	49.0	......	64.8	......	70.7^a	......	80.2^d	......	82.4	......	85.4	......	74.2	......	62.4	......	50.4	......	43.6	......	63.0	......
Des Arc	44.8	......	49.8	......	49.0	......	64.5	......	73.4	......	81.2	......	83.4	......	84.0	......	71.2	......	61.9	......	50.5	......	41.3	......	62.9	......
Devils Knob	37.7	......	43.3	......	44.0	......	58.9	......	64.9	......	74.4	......	80.4	......	82.4	......	67.6	......	56.9	......	47.4	......	35.6^b	......	57.8	......
Dumas	45.2	+ 0.3	50.8	+ 1.8	50.5	− 4.8	65.5	+ 1.9	74.9	+ 3.7	83.2	+ 3.8	85.2	+ 2.9	86.2	+ 4.7	73.2	− 2.9	62.6	− 2.6	51.2	− 2.5	44.2	− 2.4	64.4	+ 0.3
El Dorado	47.0	+ 0.6	53.6	+ 4.6	52.3^c	− 3.9	66 8	+ 2.0	76.4	+ 5.0	83.4	+ 3 8	84.6	+ 2.2	86.0	+ 3.8	74.4	− 2.8	63.9	− 2.1	53.0	− 2.2	46.8	0.0	65.7	+ 0.9
England	42.0	− 1.4	47.2	+ 0.4	46 6	− 7.8	62.2	− 0.6	68.9	− 0.9	80.2	+ 2.2	83.2	+ 1.6	84.1	+ 3.3	....	......	....	......	....	......	....	......	....	......
Eureka Springs	39.7	+ 1.1	46.0	+ 4.8	44.6	− 5.5	61.9	+ 2.9	66.9	+ 0.5	76.8	+ 2.4	82.0	+ 3.4	84.2	+ 5.8	59.9	− 2.1	59.4	− 1.4	49.0	− 1.9	36.1	− 3.7	59.7	+ 0.5
Fayetteville	39.4	......	46 2	......	45.6	......	62.3	......	68.2	......	77.4	......	82.0	......	85.0	......	70.9	......	58.8	......	48.6	......	38.0	......	60 2	......
Fayetteville Exp.	38.5	+ 0.1	45.0	+ 4.6	44.0	− 5.5	61.4	+ 3.0	67.6	+ 1.4	76.8	+ 2.4	81.2	+ 2.8	83.8	+ 5.5	69.9	− 2.2	57.7	− 3.1	48.0	− 1.5	37.0	− 3.0	59.2	+ 0.3
Fordyce	43.4^a	......	51 4	......	50.6	......	65.2	......	73.4	......	81.5	......	84.4^a	......	85.8	......	77.0^a	......	65.5^b	......	52.4	......	45.4	......	64.7	......
Fort Smith	40.4	+ 0.9	48.2	+ 5 4	47.2	− 5.4	64.9	+ 3.1	70.8	+ 1.2	80.8	+ 3.3	85.6	+ 4.1	88.0	+ 7.5	73.6	− 0.4	61.5	− 1.3	50.2	− 0.8	40.0	− 2.1	62.6	+ 1.3
Gilbert	38.0	......	42.6	......	40.6	......	58.7	......	67.2	......	76.5	......	79.1	......	78.6	......	67.2	......	56.1	......	46.4	......	37.0	......	57.3	......
Grannis	42.8	+ 0.8	47.0	+ 1.4	47.0	− 4.4	63.2	+ 2.8	70.6	+ 3.6	78.6	+ 3.2	81.2	+ 1.8	84.3	+ 4.9	74.1	+ 0.5	62.6	− 0.2	51.2	+ 0.2	43.1	− 1.5	62.1	+ 1.1
Gravette	36.6	− 0.5	44.6	+ 5.5	44.6	− 1.4	61 3	+ 4.1	66.4	+ 1.0	77.2	+ 3.5	81.8	+ 4.0	84.0	+ 6 4	69.4	− 1.4	57.8	− 1.9	47.9	− 1.1	36.0	− 2.2	59.0	+ 1 4
Green Mountain	......	......	47.2	......	34.1	......	64.4	......	68.6	......	79.0	......	84.2	......	86.6	......	72.1	......	61.6	......	48.1	......	38.8	......	....	......
Harrison	39 4	+ 2.5	45 4	+ 6.4	44.2	− 4.4	60.8	+ 3.3	68.6	+ 2.8	77.4	+ 4.0	81.5	+ 4.1	82.6	+ 5.6	70.2	0.0	59.0	− 0.4	46.8	− 1.9	37.2	− 0.8	59.4	+ 1.7
Helena	43.7	+ 0.5	48.9	+ 3.8	58.8	− 4.8	63.0	+ 0.3	72.4	+ 1.6	80.4	+ 2.0	82.2	+ 0.6	84.6	+ 4.0	70.8	− 4.6	61.6	− 2 0	51.2	− 1.8	42.4	− 2.2	62.5	− 0.2
Highland	41.7	− 4 0	47.8	+ 0 2	47.1	− 8.7	62.7	+ 0.2	70.2	− 0.5	....	......	82.0	− 1.2	....	......	77.7	− 0.2	66.4	− 0.7	52.2	− 1.3	44.8^c	− 2.9	....	......
Hope	41.2	− 4.5	47.8	− 0.6	47.8	− 8.8	64.6	+ 0.6	73 0	+ 2.0	81.4	+ 2.4	83.3	+ 1 5	85.4	+ 3.0	72.9	− 3.7	62.4	− 3.5	50 3	− 3.9	42.1	− 4.9	62.7	− 1.7
Hot Springs	44.7	+ 1.1	50.8	+ 3 8	49 6	− 4.1	66.4	+ 3.6	73.0	+ 3.2	81.0	+ 2.8	85.0	+ 3.2	88.0	+ 6.9	74.6	− 1.2	63 7	− 0.7	52.8	0.0	43.0	− 1.1	64.4	+ 1.5
Irons Fork	37.0	......	43.8^a	......	43.6^a	......	61.0	......	68.1	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Jonesboro	42.0	+ 1.4	48.0	+ 5.6	46.6	− 5.6	62.6	+ 1.2	71.6	+ 2.1	79.2	+ 1.5	83.6	+ 3.0	84 2	+ 4.1	71.2	− 3.3	61.0	− 1.6	49.6	− 1.6	39.8	− 1.6	61 6	+ 0 4
Lead Hill	37.2	− 1.2	42.8	+ 4 4	42.8	− 6.0	60.5	+ 1.1	67.7	+ 4.3	76.8	+ 1.4	81.4	+ 1.2	81.8	+ 3.0	68.6	− 3.6	57.8	− 3.0	45.9	− 2.5	36.0	− 3.8	58.3	− 0.7
Little Rock	42.0	+ 0.6	48.6	+ 3.7	47.3	− 5.7	63.2	+ 1.1	72.6	+ 2.3	81.6	+ 4.2	84.4	+ 3 5	85 4	+ 5.6	72.2	− 1.9	62.1	− 1.5	49.8	− 2.3	40.5	− 3.7	62.5	+ 0.5
Lutherville	41.0	+ 0.7	47.2	+ 4 8	45.1	− 6.5	62.6	+ 2.3	69.6	+ 1.6	77.9	+ 1.8	83.1	+ 3.0	84.9	+ 5.2	71 4	− 2 6	60.4	− 1.9	49.9	− 1.1	39.6	− 1.8	61.1	+ 0.6
Magnolia	50.6^d	+ 3.0	52.6	+ 1.2	51.6	− 5.2	66.6	+ 2.0	75.8	+ 4.4	82.7^d	+ 3.3	85.0	+ 2.4	87.0	+ 4.5	75.9^a	− 0.7	65.9	− 1.0	54.5	− 0.5	46.4^a	− 1.6	66.2	+ 1.0
Mammoth Spring	39.6	+ 1.8	44.7	+ 4.4	43.8	− 6.0	61 8	+ 2.6	76.2	+ 4.2	77.9^c	+ 3.5	81.9	+ 3.3	82.6	+ 5.1	68.7	− 2.7	58.8	− 0.4	47.2	− 1.5	36 6	− 2.8	59.5	+ 1.0
Marianna	42.5	0.0	46.3	+ 0.5	47.6	− 6.4	61.4	− 0.9	72 3	+ 2.1	80.7	+ 2.1	82.6	+ 1.4	84.4	+ 4.4	70 0	− 4.1	60.3	− 3.2	48.4	− 3.9	39.8	− 3.9	61.4	− 1.0
Marked Tree	38 0	+ 1.5	44.4	+ 0.8	45.0	− 5.4	60.8	− 0.4	71.3	+ 2 3	80.2	+ 2.2	82.3	+ 1.2	82.2	+ 3.0	68.2	− 5.4	58.9	− 2.3	47.1	− 2.1	37.8	− 3.4	59.7	− 0.9
Marshall	....	......	....	......	42.3	− 8.5	59.8	− 0.3	69.4	+ 2.6	77.8	+ 2.4	80.8	+ 1.7	83.8^b	+ 5.6	70.4	− 1.6	....	......	51.8	+ 1.2	39.2	− 2.6	....	......
Mena	42.9	+ 1.3	48.2	+ 4.0	47.8	− 4.5	65.0	+ 3.5	70.8	+ 2.2	79.4	+ 2.8	82.4	+ 2.2	86.0	+ 6.1	74.0	0.0	62.5	− 0.5	51.1	− 1.1	41.0	− 1.6	62.6	+ 1.2
Monticello	44.0	......	50.6	......	50.8	......	65.1	......	73.0	......	82 8	......	84.6	......	86.2	......	73.2	......	63.0	......	52.2	......	44 4	......	64.2	......
Morrilton	39.8	− 1.5	45.3	− 0.1	45.4	− 5.4	61.7	− 0.5	70.2	+ 1.2	80.8	+ 2.2	83.7	+ 0.8	84.0	− 2.3	72.9	− 2.1	61 0	− 2.2	50.0	− 0.9	41.3	− 2.4	61.3	− 0.8
Mountain Home	38 5	+ 0.4	45.4	+ 3.1	44.6	− 5 4	60.8	+ 1 9	68.4	+ 2.3	77.2	+ 2.2	80.9	+ 1.7	81.2	+ 3.2	68.8	− 2.9	60.0	− 0.5	47.6	− 1.0	37.6	− 2.8	59.2	+ 0.1
Mount Ida	42.0	+ 0.6	46.8	+ 1.2	46.4	− 5.8	62.6	+ 1.4	70.4	+ 2.4	78.7	+ 2.7	81.2	+ 1.2	83.3	+ 3.9	70.9	− 2.3	62.0	+ 0.2	48.3	− 2.3	40.4	− 2 4	61.1	+ 0.1
Nashville	43.8	......	49 0^a	......	50.3	......	65.4	......	73.4	......	82.0^b	......	83.0^b	......	84.8^h	......	74.8		64.2	......	51.9	......	44.4	......	63.9	......
Newport	43.0	+ 3.2	47.7	+ 5.7	47.2	− 5.1	63.4	+ 1.4	72.2	+ 2.4	81.2	+ 3.3	83.7	+ 2.4	84.4	+ 4.4	71.2	− 3.0	61.8	− 0.2	49.8	− 1.2	40.5	− 1.7	62.2	+ 1 0
Nimrod	43.4	......	47.1^h	......	47.7	......	64.1	......	71.0	......	80 4	......	84.9	......	85.6	......	72.6	......	62.4	......	50.5	......	41.4	......	62.6	......
Oden	....	......	47.7	......	46.6	......	63.6	......	71.0^b	......	79.8	......	83.2	......	86.0	......	72.8	......	61.6	......	50.6	......	41.6	......	....	......
Okay	45.8	+ 1.0	....	......	51.0	− 5.3	66.4	+ 2.3	74.6	+ 3.9	81 8	+ 2.8	83.4	+ 0.5	84.7	+ 1.9	74.0	− 3.2	63.6	− 2.2	52.0	− 0.7	44.8	− 2.2	....	......
Ozark	41.1	+ 0.3	47.1	+ 3.7	47.6	− 4.8	65.1	+ 3.1	70 7	+ 1.1	80.4	+ 2.5	84.2	+ 2.1	87.6	+ 5.9	73.6	− 2.1	60.8	− 2.7	49.4	− 2.0	39.8	− 1.4	62.3	+ 0.5
Paragould	40.0	......	45.6	......	44.9	......	61.0	......	70.2	......	79.8	......	81.6	......	80.7	......	67.7	......	58.5	......	47.8	......	38.4	......	59.7	......
Perryville	41.9	+ 1.2	47.8	+ 3.4	47.0	− 4.7	62.9	+ 2.7	71 2	+ 3.8	80.0	+ 4.6	83.3	+ 3 5	84.8	+ 5.6	....	......	....	......	49.8	− 1.0	40.8	− 0.3	....	......
Pine Bluff	45.3	+ 1.4	52.2	+ 5.7	50.4	− 4.4	66.4	+ 2.8	74.6	+ 3.2	84.1	+ 4.9	86.7	+ 4.3	89.0	+ 7.2	75.0	− 0.2	64.5	− 0.1	52.2	− 1.1	44.5	− 0.6	65.4	+ 1.9
Pocahontas	40.2	+ 1 3	45.8	+ 4.2	45.0	− 6.0	61.6	+ 1.4	70.4	+ 2.1	79.6	+ 3.0	79.5^a	− 0.9	82.5	+ 3.1	69.1	− 4.3	60.1	− 1.6	49.1	− 1.0	38.7	− 1.5	60.1	− 0.1
Portland	47.4	+ 0.4	52.2	+ 2.5	52.4	− 4.3	66.0	+ 1.4	76.0	+ 4.4	82.8	+ 3.4	84.2	+ 2.4	85.0	+ 3.6	74 0	− 2.3	64.2	− 0.7	52.3	− 2.0	46.3	− 1.3	65.2	+ 0.6
Prescott	45.6	+ 1.0	52.0	+ 4.6	51.1	− 4.5	67.0	+ 3.5	75.5	+ 5.1	83.0	+ 4.2	85.0	+ 2.9	87.4	+ 5.8	75.4	− 0.8	64.7	− 0.2	52.8	− 1.4	45.0	− 0.8	65.4	+ 1 6
Rogers	37.2	− 0.2	43.6	+ 4.1	42.2	− 6.8	60.8	+ 2.3	66.4	+ 0.6	77.0	+ 3.4	81.0	+ 3.4	82.6	+ 5.2	68.1	− 3.1	58.0	− 1.8	46.2	− 2.8	35.6	− 3.4	58.2	0.0
Russellville	41.4	+ 1 8	47.0	+ 5.9	46.8	− 5.5	63.8	+ 2.8	72.2	+ 2.6	80.4	+ 2.8	....	......	85.4	+ 5.5	75.2	− 0.2	62.2^a	− 4.4	50.0	+ 0.2	41.8	+ 1.3	....	......
St. Charles	41.9	......	47.6	......	48.0	......	63.2	......	73.2	......	81.2	......	82.4	......	84.9	......	71.4	......	60.6	......	48.8	......	42.4	......	62.1	......
Searcy	42.6	+ 1.8	48.0	+ 2.9	47.1	− 5.1	63.2	+ 1.5	70.7	+ 2.2	79.6	+ 2.3	83 2	+ 2.2	83.8	+ 3.7	70.8	− 3.5	61.3	− 1.3	49.4	− 1.6	40.0	− 2.8	61.6	+ 0.2
Sheridan (near)	43.9	......	50.1	......	....	......	63.8	......	72.4	......	79.4	......	82.2	......	84 2	......	72.2	......	62.4	......	51.1	......	42.8	......	....	......
Siloam Springs	36.0	......	43.4	......	42.2	......	59.4	......	66.3	......	76.7	......	80.6	......	84.2	......	68.2	......	57.0	......	47.6	......	36.6	......	58.2	......
Stuttgart	42.4	− 0.6	48.8	+ 3.6	47.4	− 6.4	62.6	+ 0.2	72.2	+ 2.3	80.5	+ 2.5	82.6	+ 1.4	84.5	+ 3.8	72.0	− 3 1	62.2	− 1.2	50.4	− 2.0	42.8	− 1.2	62.[illegible]	0.6
Stuttgart (Evap)	40.5	......	46.6	......	47.4	......	62.2	......	71.4	......	81.8	......	83.0	......	83.6	......	70.6	......	61.0	......	49.0	......	40.9	......	61.[illegible]	......
Subiaco	43.6^b	+ 1.9	48.4	+ 4.6	48.0^a	− 5.0	65.7^a	+ 3.9	72.0	+ 2.1	80.8^d	+ 3.0	85.3^a	+ 3.3	87.2^a	+ 5.6	72.6^b	− 1.7	62.6^a	− 1.0	50.2	− 2.6	41.3	− 1.4	63.1	+ 1.0
Texarkana	44.9	− 1.4	51.1	+ 2.7	50.5	− 5.7	67.1	+ 2.9	74.2	+ 2.8	82.2	+ 3.1	83.4	+ 0.9	85.8	+ 3.5	74.5	− 2.3	65.0	− 0.8	53.2	− 2.0	44.5	− 2.4	64.7	+ 0.1
Turnpike	39.4	......	44.0	......	42.2	......	59.7	......	64.8	......	74.3	......	79.5	......	81.7	......	67.7	......	57.8	......	48.0	......	36.6	......	58.0	......
Wabash	47.5	......	53.0	......	52 0	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Waldron	42.6	......	48.2	......	48.0	......	65.0	......	71.2	......	80.0	......	83.5	......	86.3	......	73.0	......	61.2	......	49.1	......	40.1	......	62.4	......
Warren	45.8	+ 0.4	52.4	+ 5.2	51.8	− 4.2	65.9	+ 2 3	75.8	+ 4.4	82.8	+ 3.5	85.1	+ 2.7	86.8	+ 5.2	73.8	− 2.3	64.0	− 0.4	53.4	− 0.4	46.0	+ 0.8	65.3	+ 1.4
White Rock	38.4	......	43.6	......	42.0	......	59.0	......	65.0	......	73.9	......	79.0	......	82.8	......	68.6	......	56.8	......	46.8	......	36.6	......	5.77	......
Wilson	....	......	....	......	....	......	61.6	+ 0 6	72.2	+ 2.8	80.2	+ 3.3	82.0	+ 1.2	83.4^h	+ 4.8	70.5	− 3.3	61.0	− 1.8	....	......	40.5	− 1.3	....	......
Wright	41 4	......	48 3	......	46.3	......	62.1	......	71.4	......	79.0	......	81.4	......	....	......	....	......	....	......	....	......	....	......	....	......
Wynne	41.9	+ 0.9	46.5	+ 2.2	47.3	− 4 3	62 0	+ 0.6	71.4	+ 2.1	79.6	+ 1.8	82.3	+ 1.2	83.4	+ 3.4	69.6	− 4.9	60.8^c	− 1.7	....	......	40.0	− 2.0	....	......

Departures from the normal temperatures are based on records of 10 years or more. Reference letters ^{a} ^{b} ^{c} appearing in the table indicate number days missing.

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1943

Stations	Jan.			Feb.			Mar.			Apr.			May			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	9.4	5.2	7.0	7.0	4.7	5.8	15.3	4.5	8.7	18.5	5.4	8.5	14.9	6.1	8.4	17.1	4.8	7.4	6.0	4.1	4.9	5.6	3.4	4.3	4.0	3.3	3.5	5.1	3.4	4.1	4.6	3.7	4.0	7.1	3.8	5.0
ArkansasCity	32.8	17.8	27.9	25.3	17.7	21.6	32.8	14.5	21.1	35.4	25.3	30.5	42.6	25.8	32.9	44.2	30.0	38.5	29.8	13.4	21.9	14.4	6.5	11.7	6.6	4.5	5.5	4.2	1.6	2.3	5.6	3.1	4.0	3.0	0.3	18.2
Batesville	31.0	7.0	11.2	8.5	6.4	7.2	15.9	5.9	8.8	17.9	9.4	11.7	39.9	7.2	20.1	16.7	8.6	11.9	9.1	5.4	6.3	6.0	4.7	5.2	4.9	4.6	4.7	6.2	4.6	5.1	6.0	4.9	5.4	6.0	4.8	5.3
Benton	7.6	4.7	5.7	5.9	4.5	5.3	18.8	4.3	8.7	15.9	4.4	6.5	10.7	4.7	6.3	9.1	4.9	6.3	4.8	2.9	3.3	2.9	2.5	2.7	2.5	2.2	2.3	3.6	2.3	3.0	3.9	3.6	3.8	4.6	3.8	4.2
Big Lake Out	8.0	5.0	6.3	5.3	4.6	5.0	11.9	4.4	7.6	11.7	6.9	8.6	13.0	6.2	10.0	11.1	5.3	7.8	5.2	3.1	4.2	3.7	2.7	3.2	3.0	2.5	2.7	2.6	2.3	2.5	2.8	2.5	2.7	3.3	2.7	3.0
Black Rock	20.8	4.7	12.6	4.7	3.3	4.0	11.8	2.9	6.0	10.7	5.8	8.0	26.2	6.7	17.3	17.5	5.6	9.6	5.6	2.5	3.7	3.1	1.9	2.4	2.3	1.7	1.9	1.9	1.4	1.7	1.9	1.2	1.7	1.7	1.1	1.3
Boughton	13.4	5.2	7.1	10.6	5.0	6.2	21.4	4.8	10.6	21.8	5.6	9.1	8.9	4.0	5.4	14.5	3.6	5.5	3.8	3.3	3.5	3.2	3.0	3.1	3.4	2.9	3.2	5.3	3.0	4.0	5.2	3.8	4.4	8.5	3.7	4.8
CalicoRock	18.7	2.5	5.6	4.0	2.0	2.8	10.6	1.5	4.1	12.2	4.5	6.5	46.8	2.8	15.7	10.2	4.2	6.6	4.2	0.7	1.7	1.6	-0.2	0.6	0.0	-0.2	-0.1	1.8	-0.2	0.5	1.8	0.2	0.9	2.0	0.1	0.7
Camden	23.0	7.0	12.1	14.1	5.8	8.4	32.4	5.5	19.1	31.4	8.8	19.0	17.8	6.7	10.5	21.9	5.2	9.5	5.6	4.0	4.6	5.0	3.4	4.1	3.9	3.4	3.7	4.6	3.5	3.9	4.9	3.7	4.0	6.7	3.6	5.5
Clarendon	30.7	20.9	27.1	20.0	12.5	15.2	24.4	11.1	17.5	24.9	23.0	24.2	33.2	18.1	26.0	33.2	20.4	27.7	19.8	9.0	12.7	8.9	7.1	8.1	7.1	6.4	6.7	6.8	6.2	6.4	7.3	6.5	7.0	7.3	6.3	26.8
Cotter	13.9	3.0	5.3	4.0	2.8	3.3	8.3	2.6	4.5	12.3	4.3	6.1	39.7	3.4	14.2	10.5	4.0	6.6	4.8	1.8	2.7	3.1	1.3	1.7	1.7	0.8	1.2	3.0	1.2	1.8	3.1	1.4	1.8	3.2	1.3	1.9
Danville	15.4	3.1	4.9	3.7	3.0	3.1	19.2	2.9	7.0	21.5	4.0	8.4	28.1	3.1	12.6	21.1	3.4	6.6	3.5	2.4	2.7	2.5	1.9	2.2	2.3	1.8	2.1	2.8	2.2	2.4	2.7	2.4	2.6	6.4	2.6	3.5
Dardanelle	22.0	5.2	8.9	7.3	4.4	5.8	13.0	4.2	6.2	15.4	5.7	8.7	34.0	4.4	22.8	25.6	9.1	15.5	15.7	5.3	8.1	6.2	3.8	4.6	4.1	3.0	3.5	12.0	3.0	5.5	7.5	3.4	4.8	5.9	3.2	4.2
Des Arc	31.3	12.2	23.3	11.3	7.1	9.1	19.6	6.0	12.4	20.8	16.2	19.0	34.9	11.6	24.5	31.2	13.5	22.2	13.3	5.0	7.7	5.0	3.3	4.2	3.2	2.5	2.8	3.0	2.3	2.4	3.3	2.3	2.9	3.0	2.2	2.6
Fulton	19.9	7.6	10.7	10.2	6.9	8.1	15.6	6.3	10.3	21.4	9.3	14.3	26.0	8.4	17.4	22.8	9.6	14.6	9.3	7.1	8.2	7.3	5.9	6.4	6.9	5.7	6.0	6.9	5.6	6.3	9.2	6.0	6.9	11.2	5.8	7.8
Georgetown	28.0	8.4	20.1	8.0	4.7	6.4	17.8	3.6	9.6	19.1	13.0	16.7	31.4	8.9	21.8	26.5	10.4	18.8	10.3	2.0	4.6	2.0	0.3	1.2	0.4	-0.3	0.0	0.6	-0.3	-0.2	0.8	-0.2	0.4	0.7	-0.4	0.1
Gilbert	6.1	3.0	4.1	4.4	3.2	3.7	8.8	3.2	4.3	8.8	4.0	4.9	37.0	3.6	6.8	5.5	3.7	4.3	3.9	3.0	3.3	3.3	2.8	3.1	2.8	2.8	2.8	3.5	2.8	3.2	3.5	3.3	3.4	4.0	3.3	3.5
Glenwood	5.7	5.3	5.4	5.8	5.3	5.4	8.4	5.3	6.0	9.2	5.6	6.1	12.1	5.6	6.3	6.8	5.7	5.8	5.7	5.4	5.5	5.4	5.2	5.3	5.6	5.4	5.3	5.8	5.3	5.5	5.8	5.6	5.6	6.7	5.6	5.8
Heber Spgs	9.9	3.8	5.3	5.3	3.6	4.2	13.8	3.4	6.3	24.6	4.8	7.4	44.2	3.7	7.4	8.9	3.1	4.5	3.2	1.8	2.3	1.8	1.4	1.6	1.4	1.2	1.3	1.3	1.1	1.2	1.8	1.2	1.4	3.2	1.8	2.5
Helena	40.1	19.0	32.7	31.3	20.1	26.0	40.5	17.5	25.9	42.8	26.8	34.6	43.3	25.3	34.5	46.9	31.9	39.7	31.5	15.4	24.1	18.2	8.2	14.4	9.0	6.4	7.8	5.8	2.9	3.8	8.4	4.5	6.2	5.1	1.8	3.6
Index	16.6	7.6	9.6	9.3	7.2	7.9	13.9	6.8	9.1	18.8	8.8	12.6	24.5	8.3	16.4	21.2	8.8	13.7	8.6	6.6	7.5	6.8	5.6	6.1	6.2	5.6	5.8	6.4	5.6	5.9	7.4	5.4	5.9	6.4	5.4	5.7
Little Rock	19.5	2.7	6.9	4.6	2.1	3.2	11.1	1.6	4.0	12.9	3.2	6.5	30.0	1.8	18.9	27.3	6.8	13.5	11.5	4.3	6.0	4.2	2.6	3.2	2.8	1.8	2.3	7.5	1.8	3.1	5.5	1.6	2.8	3.4	1.3	2.1
Madison	20.8	7.4	15.3	11.7	5.0	8.8	21.6	3.3	10.8	24.3	11.8	18.0	24.2	10.8	16.5	27.7	14.0	22.5	13.6	3.0	8.3	2.8	1.3	2.1	2.5	0.9	1.2	1.4	-0.1	0.7	1.3	0.0	0.6	1.7	0.0	0.8
Marked Tree	8.0	7.3	7.8	7.5	6.4	6.9	9.8	5.0	7.3	8.2	6.7	7.4	7.6	6.6	7.2	7.8	6.7	7.0	7.0	3.3	6.0	4.1	2.5	3.3	3.0	2.1	2.5	3.5	-0.3	1.6	3.5	0.5	2.0	3.8	0.6	2.5
Morrilton	17.8	1.1	5.3	3.3	0.2	1.7	10.1	-0.6	2.0	12.2	1.1	5.0	30.8	-1.4	18.6	24.6	5.5	12.1	11.0	1.6	3.9	1.7	-0.1	0.5	0.2	-0.7	-0.3	5.8	-0.6	1.1	3.3	-0.6	0.5	1.1	-0.9	-0.2
Mulberry	3.1	1.3	1.7	2.3	1.3	1.6	5.2	1.3	2.3	6.3	1.6	2.5	11.6	1.4	3.5	4.3	1.4	2.2	1.3	0.8	1.0	0.8	0.4	0.6	0.5	0.3	0.4	1.2	0.5	0.9	1.1	0.9	1.0	1.6	0.9	1.2
Newport	31.8	4.9	15.9	4.8	3.3	3.9	16.7	2.2	6.9	18.5	8.0	12.6	34.5	6.0	22.0	24.2	7.2	14.4	7.3	0.9	2.8	1.3	-0.2	0.6	-0.1	-0.6	-0.4	0.7	-0.7	-0.3	0.6	-0.5	0.0	0.4	-0.5	-0.1
Ozark	18.1	1.8	5.6	5.8	2.2	3.4	9.8	1.0	3.4	11.9	2.9	5.5	38.4	1.8	22.7	18.8	5.7	11.5	12.1	2.9	4.6	3.0	1.2	1.9	1.4	0.7	1.0	8.5	0.8	2.6	3.9	1.0	2.2	2.7	0.7	1.3
Parkin	13.1	7.7	10.3	7.8	5.8	6.8	16.1	4.9	10.0	17.0	8.5	13.0	16.8	8.8	11.0	20.0	9.1	15.3	8.9	3.7	6.7	3.9	2.6	3.2	2.7	2.1	2.4	2.9	0.8	1.8	3.0	0.9	1.9	3.4	1.0	2.4
Pine Bluff	22.2	5.8	10.2	8.0	4.6	6.2	15.0	3.5	6.9	16.5	6.4	10.4	33.8	4.2	21.5	31.3	9.6	17.3	14.2	4.9	7.3	5.4	3.3	3.9	3.3	2.1	2.8	9.3	2.1	3.7	7.8	2.3	4.0	4.6	1.3	2.7
St. Charles	28.6	21.1	25.9	23.0	13.1	16.5	24.2	11.6	17.8	25.0	24.0	24.4	34.8	20.3	25.7	35.4	23.3	29.9	22.8	9.6	14.3	9.5	7.3	8.5	7.4	6.7	7.0	6.8	6.4	6.6	7.5	6.7	7.2	7.5	6.5	7.0
St. Francis	19.5	7.8	14.7	7.4	5.8	6.6	18.4	5.1	11.2	17.1	9.4	12.7	19.5	12.0	17.3	19.2	18.2	18.4	18.3	3.6	9.4	7.5	2.9	4.9	7.4	2.4	4.4	4.1	2.3	3.5	4.2	3.4	3.7	4.0	3.3	3.7
St.FrancisLL	21.5	20.3	20.9	20.4	18.3	19.0	23.2	17.8	19.8	23.2	20.5	21.8	23.8	20.6	22.2	23.2	21.3	22.3	21.3	15.9	19.5	16.8	14.1	15.7	15.6	13.9	14.7	18.8	13.6	16.3	18.5	14.5	17.3	18.9	16.3	17.5
Van Buren	22.1	6.4	9.8	9.4	6.3	7.5	14.6	5.6	7.6	15.9	6.8	9.3	38.1	5.8	24.5	22.8	9.6	15.3	16.3	6.4	8.4	6.4	4.4	5.0	4.7	3.2	3.8	12.4	3.8	6.1	7.2	3.6	5.1	7.3	3.5	4.6
Whitecliffs	23.5	2.2	6.9	7.6	2.0	4.0	19.0	2.0	12.1	24.8	3.7	11.6	20.2	2.0	10.7	16.5	1.8	6.6	1.5	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	2.0	15.2	0.0	5.4

Continued from page 73

ARKANSAS RIVER

Heavy to excessive rains in northwestern Arkansas and in Oklahoma from May 7th to 11th caused the most disastrous flood since 1927. As much as 13 inches of rain fell during this period resulting in a very rapid rise in the river. The river rose 21 feet in 24 hours at Morrilton and almost as much in the same period at other stations. Further heavy rains during the latter part of May caused a second rise in the river. At Fort Smith, Ozark, Dardanelle, and Pine Bluff the crests exceeded those in 1927 and the crest at Fort Smith, 41.8, is the highest stage on record. The river reached flood stage at Fort Smith on May 10th and did not go below flood stage at Pine Bluff until June 4th. The river was at low stages the remainder of the year.

WHITE AND BLACK RIVERS

As a result of heavy rains late in December, 1942, the White and Black rivers were at moderate flood stages early in January. The heavy rains in May caused very high stages, and much land along the rivers was inundated. Property loss, especially in prospective crops, was considerable. The lower reaches of the White remained in flood stage until the middle of June.

OUACHITA AND RED RIVERS

The Ouachita River was in flood for about a week in March, reaching a stage of 32.4 feet at Camden on the 18th. Moderate flood stages were again reached late in April.

The Red River was slightly above flood stage at Fulton from May 16th to 19th. Flood loss was small on these rivers during the year.

WEATHER BY MONTHS

January:—Temperatures fluctuated considerably, but the monthly average was near normal. The coldest weather of the year occurred between the 18th and 20th. Temperatures ranged from — 9° to 87° during the month. This was the driest January of record, many stations reporting less than an inch of precipitation.

February:—The month was considerably warmer than average with no unusually low temperatures. Temperatures ranged from 7° to 83° in the State. This was the second driest February of record. Only one-third of the stations measured more than inch of precipitation. Some oats, potatoes, and other crops were planted, although soil moisture was considerably depleted.

March:—The month was cold and wet. The lowest March temperatures of record were recorded at most stations on the 3d. Much of the Elberta peach crop was killed, and early planted truck and gardens were injured considerably by the severe cold. The heavy rains were very beneficial in restoring soil moisture and conditioning the land for plowing and planting.

April:—The month was slightly warmer and drier than average. Freezing temperatures caused much damage to the strawberry crop on the 15th. Soil moisture was becoming depleted during the latter part of the month, interfering with germination and growth of crops.

May:—This was the wettest month of the year. Precipitation ranged from 1.36 inches at Monticello to 19.03 inches at Rogers. Several stations in the northwestern section measured over ten inches. These excessive rains, with heavy rains in Oklahoma and Missouri, resulted in a disastrous flood on the Arkansas, White, and Black rivers. Thousands of acres of land were inundated. Considerable farm land was badly eroded.

June:—The month was warm and comparatively dry. Temperatures were above normal during the first 28 days, considerably below normal on the last two days. Most of the precipitation resulted from afternoon thundershowers, and amounts varied widely between stations, generally light in the southern counties.

July:—This was a very warm month with frequent daily temperatures of 100° or higher. It was the second driest July on record. Cotton made fair progress and was blooming and fruiting, with some bolls open at the end of the month. Corn and other crops deteriorated as a result of insufficient moisture.

August:—The month was very hot and dry, and the drought became intensified. Precipitation was less than 30% of normal.

There were many days with temperatures of 100° or higher. All crops deteriorated. Much corn was cut for fodder, cotton bolls opened prematurely, and forests and fields turned brown.

September:—This was the coolest September since 1924. Precipitation was near normal, and exceeded the combined totals for July and August. Late crops were benefited, but the rainfall was insufficient to break the drought. The weather was favorable for harvesting crops. Spinach, turnips, late gardens, and winter grains were being planted where the soil was not too dry.

October:—Temperatures were slightly below average, and rainfall was above normal. Freezing weather occurred in all sections on the 16th and 17th. The weather was favorable for harvesting crops and plant growth. The harvest of cotton, corn, and rice was mostly completed during the month.

November:—The month was slightly cooler and considerably drier than average. Freezing temperatures and killing frost on the 9th and 10th ended the growing season in most sections. This was the driest November since 1910. Soil moisture became greatly depleted and forest fires were numerous.

December;—This was the coldest month of the year, although minima were not as low as in January. However, there were freezing temperatures on many mornings. Freezing rain on the 24th and 25th caused hazardous driving conditions on highways. Many power and communication lines were broken.

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers
Abbott	M. L. Satterfield	Huttig	U. S. Engineers
Alum Fork Reser	L. R. Water Works	Index	W. E. McDowell
Arkadelphia	George S. Dews	Jessieville	U. S. Forest Service
Arkansas City	John W. Trammell	Jonesboro	Benedictine Sisters
Augusta	David G. Griffiths	LaCrosse	Pitney O Wren
Batesville Airwy	Airway Observer	Lake City	Mrs. Tressa Nichols
Batesville Livesk	University of Arkansas	Lead Hill	J. H. Crosswhite
Batesville River	Mrs. Ida Barnwell	Little Rock	U.S. Weather Bureau
Beaty Lake(near	L. G. Adamson	Lutherville	Mrs H. G. Lenhardt
Bee Branch	Minnie Scanlan	Madison	J. W. Eppes
Beech Grove	Arlie J. Williams	Magnolia	State Agr. School
Beedeville	Richard C. Roy	Mammoth Spring	Mrs. Johnnie Morton
Benton	S. A. Burks	Marianna	Univ. of Arkansas
Bentonville	E. L. Brown	Marked Tree	Chas. Walton
Bethesda	Soil Cons. Service	Marshall	W. F. Reeves
Big Lake Outlet	C. J Brooks	Marvel	Oscar Blankenship
Black Rock	Vernon O. Howe	Mena	E. W. St. John
Bluff City	Ark. Forestry Com	Monticello	Airway Observer
Blytheville	Maureen K Norris	Moro Bay(near)	U. S. Engineers
Booneville(near)	F. H. Randolph	Morrilton	Mrs. Nova Berry
Booneville	Jessie M. Ryles	Mountainburg	C A Lovell
Boughton	Ruby I. Brown	Mountain Home	H. N. Halbert
Brinkley	U. S. Weather Bureau	Mountain Valley	Charles Cockmon
Burdette	G. A. Hale	Mountain View	Corbin E. Moody
Calico Rock	William Jones	Mount Ida	J. S. Whittington
Camden	J M. Knight	Mulberry	Clifton Ward
Camp Robinson	U. S. Army	Nashville	Carter Day
Carlisle	Leo V. Brians	New Hope	Otis Pinkerton
Clarendon	B F. Northern	Newport	Willis T. Moyer
Cold Springs	Dovie Parker	Nimrod Dam	U. S. Engineers
Conway	E E. Cordrey	Odell (near)	Mrs Renzo Hurst
Corning	Robert D Polk	Oden	U. S Forest Service
Cotter	O. B. McSpadden	Okay	Charles R Jackson
Crossett(near)	U. S Forest Service	Osceola	G. H. Banks
Crystal Valley	Betty Jo Johnson	Ozark	Orkney O. Milton
Danville	J. M. Patterson	Paragould	J. E. Garrett
Dardanelle	Geo. N Goodier	Parkin	Carroll King
Denmark	Walter E. Radabaugh	Perryville	Lillie Cranford
De Queen	L. D. McCowan	Pine Bluff	Mary T. Scheu
Dermott	Kay D. McNeely	Pine Ridge	J. R. Huddleston
Des Arc	Z. R. Glenn	Pocahontas	Benedictine Sisters
Devils Knob	U. S. Forest Service	Portland	Mrs. Pearl Newton
Dumas	Ben Johnson	Prescott	W. R. Hambright
Eagle Gap	Mina C Rabb	Red Star	Orvall F. Calloway
El Dorado	Mrs. E. W. Gaston	Rogers	Howard Fowler
Eleven Point	John H. Jackson	Rosebud	G A. Maddox
England	O. V. Halbrook	Russellville	U. S. Forest Service
Eureka Springs	Geo. W. Nichoalds	St Charles	U. S. Bio. Survey
Evening Shade	Mrs. Flora E. Williams	St. Francis	Wm. S. Buckley
Fayetteville	Charles F. Ford	Searcy	Arthur D. Smith
Fayetteville Exp.	University of Ark.	Sheridan (near)	Ark. Forestry Com.
Fordyce	Ark. Forestry Com.	Shirley	Minnie L. Moldou
Forester	Freda G. Turner	Siloam Springs	John Brown Univ.
Fort Smith	U. S. Weather Bureau	Sparkman	James L Key
Ft. Smith Wt. P.	Ft. Smith Water Dept.	Springbank	Henry Field
Fulton	Ina J. Logan	Stamps (near)	Jewel M. Tatum
Georgetown	C. G. Long	Stephens (near)	H. E. Adams
Gilbert	F E. King	Steve	T. P. Sims
Glenwood	C. A. Price	Story	S C. Story
Grannis	W. E. McVay	Stuttgart	Frances E. Swim
Gravelly	Walter C. Moody	Stuttgart Evap.	University of Ark.
Gravette	J. A. Schmidt	Subiaco	New Subiaco Abbey
Green Forest	R. A. Kendall	Sugar Grove	O. R. Fennell
Green Mountain	U. S. Forest Service	Texarkana	U S. Weather Bureau
Greenwood	W E. Goforth	Turnpike	U.S Forest Service
Harrisburg	Irl M Meredith	Viola	A. F. King
Harrison	J. M. McGaughey	Waldron	William D Bivins
Heber Springs	Lester B. Logan	Walnut Grove(near)	A. H. Fast
Helena	James A Burnett	Warren	C. N Turner
Henderson	Mattye Thompson	Whitecliffs	L. M. Snead
Highland	Clyde Cooley	White Rock	U. S. Forest Service
Hollis	Jessie M Robbins	Wilson	D. O. Anderson
Hope	Univ. of Arkansas	Wynne	C B. Bailey
Hot Springs	National Park Service		

EXCESSIVE PRECIPITATION FOR 1943

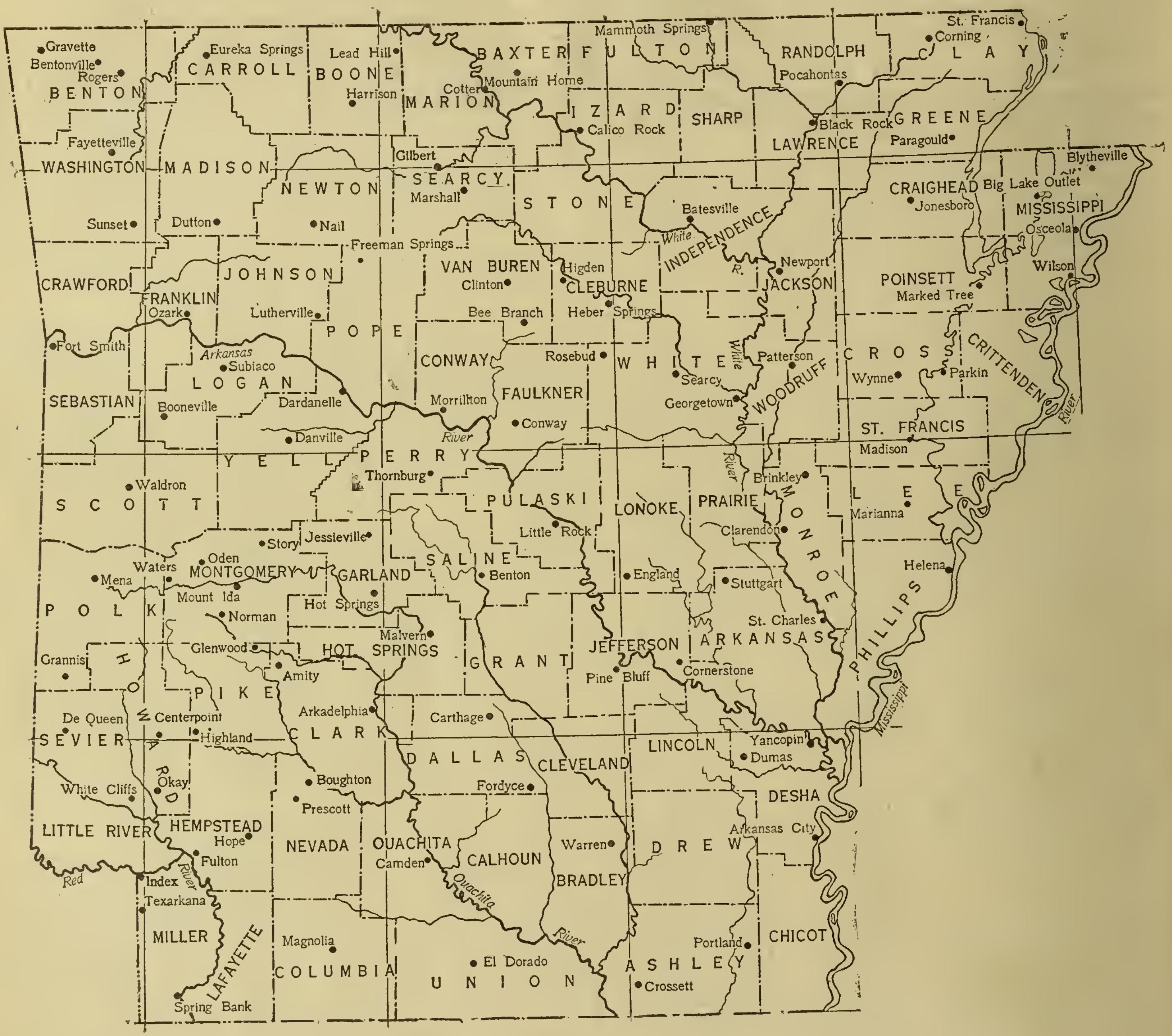
Station and date	Maximum amounts of precipitation										
	5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min.	100 min.	120 min.	150 min.	180 min.
FORT SMITH											
April 11	0.36	0.60	1.01	1.34	1.58	1.74	1.79	1.86	1.96	1.98	1.98
May 8	0.31	0.45	0.59	0.83	0.98	1.51	1.79	1.94	2.01	2.09	2.14
May 15	0.43	0.78	1.02	1.07	1.11	1.14	1.22	1.27	1.30	1.30	1.30
June 17	0.28	0.48	0.71	0.76	0.82	1.18	1.42	1.58	2.01	2.32	2.44
LITTLE ROCK											
June 23	0.33	0.54	0.82	0.91	0.96	1.03	1.04	1.04	1.04	1.04	1.04
July 14	0.35	0.68	1.07	1.22	1.28	1.28	1.28	1.28	1.28	1.28	1.28
Sept. 6	0.34	0.56	0.69	0.72	0.83	0.90	0.96	0.98	1.04	1.15	1.22
Oct. 13	0.28	0.48	0.77	0.93	1.12	1.22	1.34	1.47	1.68	1.95	2.17

KILLING FROSTS, 1943

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Alum Fork Res	Apr. 15	*Nov. 17	216	LITTLE ROCK	Mar. 9	Nov. 10	246
Arkadelphia	Apr. 15	Nov. 10	209	Lutherville	Apr. 15	Oct 16	184
Arkansas City	*Mar. 9	*Nov. 10	246	Madison	*Apr. 15	Oct. 17	185
Batesville	*Apr. 15	Nov. 10	209	Magnolia	*Mar. 9	Nov. 9	245
Bee Branch	*Apr. 15	*Nov. 9	208	Mammoth Spring	Apr. 15	Oct. 17	185
Benton	*Apr. 15	Nov. 9	208	Marianna	Apr. 15	Oct 17	185
Bentonville	Mar. 22	Oct 16	208	Marked Tree	Apr. 15	Nov. 10	209
Big Lake Outlet	Apr. 15	Oct. 17	185	Marshall	Apr. 15	Nov. 3	202
Black Rock	Apr. 15	Oct 17	185	Mena	Mar. 22	Nov. 10	233
Bluff City	*Mar. 9	Nov. 9	245	Monticello	*Mar. 8	Nov. 10	247
Blytheville	*Apr. 15	Oct. 17	185	Morrilton	Mar. 22	Nov. 10	233
Booneville	Apr. 15	Nov. 9	208	Mountainburg	Mar. 17	Nov. 10	298
Boughton	Mar. 9	Nov. 9	245	Mountain Home	Apr. 15	Oct 16	184
Brinkley	*Apr. 15	Nov. 10	209	Mountain Valley	*Mar. 9	Nov. 10	246
Calico Rock	Apr. 15	Nov. 10	209	Mount Ida	Apr. 15	Oct. 16	184
Camden	Mar. 9	Nov. 10	246	Mulberry	Apr. 15	Nov. 9	208
Clarendon	Apr. 15	*Nov. 10	209	Nashville	*Mar. 9	Nov. 9	245
Conway	Apr. 15	Nov. 10	209	Newport	Apr. 15	Nov. 10	209
Corning	Apr. 15	*Oct. 17	185	Oden	*Apr. 15	*Nov. 10	209
Cotter	Apr. 15	Nov. 10	209	Okay	*Mar. 22	Oct. 27	219
Crossett	*Mar. 9	*Nov. 9	245	Ozark	*Mar. 22	Nov. 10	233
Danville	Mar. 22	Oct. 17	209	Paragould	*Apr. 15	Nov. 10	209
Dardanelle	*Mar. 22	*Nov. 9	232	Parkin	Mar. 22	Nov. 10	233
De Queen	*Mar. 22	*Nov. 9	232	Perryville	Apr. 15	Nov. 10	209
Des Arc	*Mar. 9	*Nov. 9	245	Pine Bluff	Mar. 9	Nov. 10	246
Devils Knob	*Apr. 14	Oct. 16	185	Pine Ridge	Apr. 15	Oct. 16	184
Dumas	Mar. 9	Nov. 10	246	Pocahontas	*Apr. 15	Oct. 17	185
El Dorado	*Mar. 8	Nov. 17	254	Portland	Mar. 22	Nov. 17	249
England	*Mar. 8	....	..	Prescott	*Mar. 9	Nov. 9	245
Eureka Springs	*Apr. 14	Oct. 16	185	Rogers	Mar. 22	Oct. 16	208
Fayetteville	Mar. 22	Oct. 16	208	Rosebud	Mar. 20	Nov. 10	235
Fayetteville Ex	Mar. 22	Oct. 16	208	Russellville	*Mar. 22	Nov. 9	232
Fordyce	*Mar. 9	Nov. 17	253	St. Charles	Mar. 22	Oct 16	208
Fort Smith	Mar. 22	Nov. 10	233	St. Francis	*Apr. 15	Oct. 17	185
Georgetown	*Mar. 9	Nov. 10	246	Searcy	Apr. 15	Nov. 10	209
Gilbert	*Apr. 15	Oct. 16	184	Sheridan	*Mar. 9	Nov. 9	245
Glenwood	*Mar. 9	Nov. 10	246	Springbank	*Mar. 8	*Nov. 10	247
Grannis	Mar. 22	Nov. 8	231	Story	Apr. 15	Nov 9	208
Gravette	*Mar. 22	Oct. 16	208	Stuttgart	Apr. 15	Nov. 9	208
Green Mountain	*Mar. 22	Nov. 9	232	Stuttgart Evap.	Apr. 15	Nov. 9	208
Harrison	Apr. 15	Oct. 16	184	Subiaco	Mar. 20	Nov. 10	235
Helena	Mar. 22	Oct. 17	209	Texarkana	*Mar. 8	Nov 10	247
Highland	*Mar. 20	*Nov. 10	235	Tichnor	Apr. 15	Nov. 10	209
Hope	*Mar. 9	Nov. 10	246	Turnpike	*Apr. 14	Nov. 10	210
Hot Springs	Mar. 9	Nov. 10	246	Waldron	*Mar. 22	Nov. 9	232
Huttig	*Mar. 8	Nov. 9	246	Warren	*Apr. 9	Nov. 10	215
Index	*Mar. 8	Nov. 9	246	White Cliffs	*Mar. 8	*Nov. 9	246
Jessieville	*Mar. 9	*Nov. 10	246	White Rock	*Apr. 11	Oct. 17	186
Jonesboro	Apr. 15	Nov. 10	209	Wilson	*Apr 15	Oct. 17	185
Lead Hill	Apr. 15	Oct. 16	184	Wynne	Apr. 15	Oct. 17	185

*Indicates freezing temperature, no killing frost reported.

Departures from normal temperature are computed from averages of entire period for stations having 10 or more years record. Departures of precipitation with 15 years or more record are computed from a normal or "standard mean," adjusted to a uniform 35-year period; for stations with 10 to 14 years the means are for the period to 1935, inclusive. T., less than 0.01 inch rain or melted snow. Reference letters ^{a}, ^{b}, ^{c}, appearing in the table indicate number of days missing. § Also on later dates. †Post-office addresses of these stations as follows: Alum Fork Reservoir, Paron; Beaty Lake, Forest City: Bethesda, Batesville: Big Lake Outlet, Manilla; Boughton, Route 4, Prescott: Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton· Eleven Point, Rt. 1, Ravendon Springs: Fordyce, Rt. 1, Fordyce; Fort Smith Water Plt, Mountainburg; Green Mountain, Calico Rock: Heber Spgs, Tumbling Shoals; Highland, R.F.D. 3, Nashville; Huttig Felsenthal Index, Route 5, Texarkana; Lutherville Route 1· Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Rt. 3, Morrilton: Mulberry, Rt 1, Mulberry; Nimrod, Ola; Odell, Route 1, Canehill; Rosebud, Route 2, Mount Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass,



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CLIMATOLOGICAL DATA

3 ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLIX Little Rock, Ark., January, 1944 No. 1

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

January was slightly warmer than normal. The first half of the month was quite cold with freezing temperatures on most mornings. Considerably milder weather prevailed after the 15th, and freezing temperatures were infrequent. A severe cold wave overspread the State on the 9th, causing sub-zero temperatures in the northwestern section. The highest temperatures of the month occurred between the 21st and 27th, exceeding 80° at a few stations. Sunshine was considerably above normal.

January precipitation was deficient, amounting to only 58% of normal. The heaviest amounts occurred in the southern section where a few stations measured over five inches. Several stations in the extreme northern districts reported less than an inch. Most of the precipitation occurred on the 1st, 2d, 7th, 8th, and 27th. The heaviest snowfall in several years occurred during the night of the 7th-8th. The fall measured over 12 inches in some sections, and remained on the ground for several days. Light sleet fell on the 14th and 15th.

High winds were reported from many sections of the State on the 27th, but caused little damage. At Grannis, a residence and a chicken brooder house were damaged to the extent of$ 750.

Cold weather prevented much outside farm work during the first half of January. However, with much warmer weather prevailing during the second half of the month, some plowing, tree pruning, and other work was accomplished. Gardens were being planted in the southeastern section during the latter part of the month. An ample snow cover protected winter grains from the low temperatures of the 9th and 10th.

TEMPERATURE

The mean temperature for the State, as determined from the records of 79 stations, was 42.2°, which is 1.0° above the 54-year average for January. The highest monthly mean temperature was 46.6° at El Dorado, and the lowest was 37.0° at Gilbert. The highest temperature recorded was 82° at Arkadelphia on the 26th, and the lowest was —15° at Lead Hill on the 9th.

PRECIPITATION

The average precipitation for the State, as determined from the records of 106 stations, was 2.50 inches, which is 1.78 inches below the 54 year average for January. The greatest monthly total was 5.36 inches at Camden, and the least was 0.58 inch at Corning. The greatest amount recorded in a 24 hour period was 3.38 inches at Story on the 7th. Snowfall averaged 6.5 inches, ranging from about an inch near the southern border of the State to 20.5 inches at Sugar Grove.

B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:--7,19,27.
Glaze:---7,12.
Sleet:---2,3,7,8,14,15.
Heavy Fog:---3,4,5,9,10,26,27,30,31.
Thunderstorms:---27.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.66	13	29.83	24	6.9	25	w.	27	81	71	71	58	732
Little Rock	30.65	13	29.81	2	8.1	29	n.	7	85	65	72	60	695
Memphis . .	30.63	13	29.73	2	8.0	21	sw.	22	82	61	71	49	710

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	41.6	71	13	5.34	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	− 5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	− 2	3.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	− 9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	− 5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	− 2	5.19	2.0	6	14	5	12
1907	49.2	82	− 8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	− 7	2.59	4.3	6	16	6	9
1911	47.6	86	− 9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	− 1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	− 3	4.38	2.3	8	10	6	15
1916	44.3	82	− 6	9.39	0.5	12	8	4	19
1917	44.0	82	− 4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	− 3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48.6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	− 6	3.19	0.4	7	15	3	13
1925	40.8	76	− 4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	− 1	5.41	0.1	10	14	3	14
1928	42.7	90	−10	2.05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.85	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	− 1	1.05	3.5	5	14	7	10
1937	41.9	80	9	12.61	0.7	17	4	3	24
1938	42.5	81	4	6.48	T.	7	14	6	11
1939	45.5	83	12	6.21	0.5	10	14	6	11
1940	28.0	74	−14	1.56	5.9	7	14	6	11
1941	43.6	76	5	3.43	0.3	9	12	7	12
1942	38.1	83	−21	3.20	4.4	7	16	7	8
1943	41.8	87	− 9	1.00	1.2	3	15	8	8
1944	42.2	82	−15	2.50	6.5	6	12	7	12
Period	41.2	90	−28	4.28	2.0	8	13	6	12

Corrections:-November, Batesville Livestock, mean monthly temp. 47.0°, date of highest temp. 19°†. Eureka Springs, greatest precip. in 24 hours 0.32 inch on 1st. Prescott, date of greatest amount precip. in 24 hours, 1st.
December: -Marshall, greatest rainfall in 24 hours 0.98 on 5—6.

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Climatological Data for January, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	43.2	......	74	21	10	10	3.26	......	1.50	7–8	11.0	8	10	8	13	w.	L. R. Water Works
Arkadelphia	Clark	200	48	42.8	−1.2	82	26	10	9	3.80	−0.91	1.05	1	4.0	7	12	15	4	ne.	George S Dews
Arkansas City	Desha	145	59	......	......	......	......	......	......	4.36	−0.52	1.35	15	4.0	11	10	4	17	......	John W. Trammell
Batesville Airway	Independence	363	7	41.7	+3.3	73	27	8	9	1.43	......	0.67	1–2	4.5	8	11	7	13	nw.	Airway Observer
Batesville Livestk.	Independence	....	3	40.4	......	70	22	4	9	1.54	......	0.63	2	7.5	5	14	8	9	nw.	University of Arkansas
Batesville River	Independence	277	44	......	......	......	......	......	......	1.72	−2.79	0.59	7–8	4.0	8	16	6	9	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	41.6	+1.2	69	21§	5	9§	1.30	−3.11	0.60	2	6.5	3	13	9	9	e.	Miss Minnie Scanlan
Benton	Saline	285	8	38.6	......	72	21	−2	9	2.46	......	0.85	1–2	8.4	9	17	6	8	ne.	S. A. Burks
Bentonville	Benton	1295	38	38.4	+1.3	72	26	2	9	1.01	−1.77	0.51	27	3.0	4	10	16	5	s.	E. L. Browne
Bethesda †	Independence	500	4	40.6	......	70	22	4	9	1.47	......	0.60	2	7.0	4	13	9	9	nw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	......	......	......	......	......	......	1.48	−4.22	0.72	2–3	2.5	5	9	9	13	......	N. W. Douglas
Black Rock	Lawrence	259	42	......	......	......	......	......	......	1.06	−3.47	0.37	27	2.3	6	15	0	16	......	Vernon C. Howe
Bluff City	Nevada	....	3	45.4	......	72	22§	13	9	4.01	......	1.14	1–2	....	10	12	8	11	n.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	39.2	−0.7	72	25	5	9	1.52	−4.40	1.02	2–3	4.5	8	20	5	6	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	41.4	+0.2	72	21§	−9	9	2.44	−1.47	1.04	7–8	12.5	7	11	9	11	e.	F. H. Randolph
Boughton †	Clark	235	8	......	......	......	......	......	......	3.54	......	1.28	1–2	14.0	8	17	0	14	......	Mrs. Ruby Brown
Brinkley	Monroe	205	52	41.8	−0.2	69	21	8	9	2.52	−2.76	1.15	2	6.3	9	7	8	16	n.	U. S. Weather Bureau
Calico Rock	Izard	361	39	......	......	......	......	......	......	1.31	−2.29	0.59	1–2	2.0	7	9	6	16	......	William Jones
Camden	Ouachita	116	58	45.8	+1.3	74	21	11	9	5.36	+0.44	1.64	14–15	...	13	8	13	10	se.	J. M. Knight
Camp Robinson	Pulaski	463	3	42.2	......	70	21§	7	9	2.36	......	0.77	1–2	5.0	9	7	15	9	nw.	U. S. Army
Clarendon	Monroe	172	39	......	......	......	......	......	......	2.60	−2.21	1.41	1–2	5.0	6	10	6	15	......	B. F. Northern
Conway	Faulkner	309	60	43.0	+1.1	74	22§	2	10	2.89	−1.61	0.91	8	9.0	5	15	7	9	sw.	E. E. Cordrey
Corning	Clay	293	50	41.2	+3.4	70	22§	8	9	0.58	−3.86	0.30	27	....	3	19	0	12	w.	Robert B. Polk
Cotter	Baxter	440	16	......	......	......	......	......	......	1.62	−1.72	0.67	7–8	6.5	5	11	8	12	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	45.0	+0.1	75	21§	15	9§	5.18	−0.47	1.39	1–2	2.4	11	15	2	14	n.	U. S. Forest Service
Danville	Yell	327	27	......	......	......	......	......	......	2.53	−1.59	1.24	7–8	11.4	7	10	9	12	......	J. M. Patterson
Dardanelle	Yell	330	57	41.5	+0.4	72	22	−4	9	2.97	−0.66	1.57	7	11.9	6	8	13	10	e.	Geo. N. Goodier
DeQueen	Sevier	426	8	44.8	......	76	22	2	9	3.84	......	0.94	7–8	4.0	5	13	5	13	......	L. D. McCown
Des Arc	Prairie	204	5	42.4	......	67	24§	5	9	2.16	......	0.89	7–8	7.0	4	10	4	17	w.	Z. R. Glenn
Devils Knob †	Johnson	2350	7	38.5^{a}	......	64^{a}	21	7^{a}	9	2.49	......	1.36	27	11.0	6	15	5	11	se.	U. S. Forest Service
Dumas	Desha	162	38	45.8	−0.7	73	21	10	9	4.07	−1.00	1.15	1–2	5.0	11	4	10	17	n.	Ben Johnson
El Dorado	Union	270	43	46.6	+0.4	76	21§	18	9	5.13	−0.55	1.08	14	2.0	13	14	4	13	s.	Mrs. E. W. Gaston
England	Lonoke	229	37	42.5	−0.6	70	21§	2	9	1.52	−3.41	1.00	1–2	4.0	3	11	9	11	n.	O. V. Halbrook
Eureka Springs	Carroll	1465	43	40.4	+2.2	72	26	4	9	1.56	−1.77	0.64	27	8.5	6	17	7	7	sw	Geo. W. Nichoalds
Fayetteville	Washington	1334	6	40.7	......	71	25	−3	9	1.48	......	0.51	26–27	7.3	6	12	7	12	ne.	Charles F. Ford
Fayetteville Exp.	Washington	1451	56	39.6	+1.6	70	26	−7	9	1.30	−1.66	0.56	2	4.7	5	12	13	6	sw.	University of Arkansas
Fordyce	Dallas	280	3	46.0	......	71	21	14	9	3.55	......	1.10	14	9.0	8	8	15	8	se.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	41.5	+2.0	72	27	4	9	2.07	−0.47	1.07	7–8	8.8	6	11	7	13	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	......	......	......	......	......	......	1.45	......	0.58	26–27	3.0	4	12	6	13	......	Ft. Smith Water Plant
Fulton	Hempstead	260	58	......	......	......	......	......	......	3.66	−0.97	0.92	1–2	....	10	11	8	12	......	Ina J. Logan
Georgetown	White	200	31	......	......	......	......	......	......	1.55	−4.04	0.75	1–2	8.0	4	17	5	9	......	C. G. Long
Gilbert	Searcy	600	18	37.0	......	71	22	−10	10	1.12	−2.55	0.40	7–8	4.0	4	18	1	12	......	F. E. King
Glenwood	Pike	547	8	......	......	......	......	......	......	2.52	......	0.83	1–2	7.5	4	11	1	19	......	Chas. A. Price
Grannis	Polk	950	24	43.6	+2.2	70	21	6	9	3.04	−1.96	1.10	7	11.0	10	11	6	14	e.	W. E. McVay
Gravette	Benton	1250	46	39.7	+3.1	73	26	−7	9	0.79	−2.00	0.29	27	4.0	3	21	6	4	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	41.5	......	70	27	8	9	2.15	......	1.20	7–8	6.0	3	10	10	11	s.	U. S. Forest Service
Harrison	Boone	1052	43	40.3	+3.6	70	26	−9	9	1.71	−1.39	0.91	26–27	9.0	3	14	11	6	nw.	J. M. McGaughey
Heber Springs(near)	Cleburne	272	14	......	......	......	......	......	......	1.26	−3.38	0.59	26–27	4.5	6	12	8	11	......	Lester B. Logan
Helena	Phillips	300	71	43.4	+0.4	69	24§	5	9	2.30	−3.27	0.85	1–2	6.3	8	10	5	16	nw.	James A. Burnett
Highland	Pike	491	24	45.0	−0.5	72	21	9	9	2.60	−2.11	0.90	25	4.5	6	11	7	13	se.	Clyde Cooley
Hope 3 miles e ‡‡	Hempstead	375	73	42.9	−1.8	72	21§	13	9§	3.68	−1.37	0.96	1–2	3.4	12	8	10	13	sw.	University of Arkansas
Hot Springs	Garland	600	52	45.2	+2.9	74	21	10	9	2.35	−2.70	0.92	1–2	9.8	7	14	4	13	w.	National Park Service
Index †	Little River	275	26	......	......	......	......	......	......	4.40	−0.07	1.80	26–27	......	9	19	0	12	......	W. E. McDowell
Jessieville	Garland	750	17	......	......	......	......	......	......	2.11	−3.61	0.60	1–2	14.5	6	8	9	14	......	U. S. Forest Service
Jonesboro	Craighead	345	48	42.2	+2.0	68	25	10	9	2.06	−3.11	0.76	7–8	8.0	6	10	8	13	ne.	Benedictine Sisters
Lead Hill	Boone	650	37	37.8	+0.9	72	26	−15	9	1.58	−1.37	0.73	26–27	4.5	4	18	5	8	w	J. H. Crosswhite
Little Rock	Pulaski	257	64	42.6	+1.2	69	24	10	10	2.06	−2.67	1.16	1–2	5.5	7	9	7	15	nw.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	41.0	+1.0	68	21	4	9	2.17	−1.98	0.74	27	9.0	7	13	6	12	w.	Clarence Lenhardt
Madison	St. Francis	209	13	......	......	......	......	......	......	2.50	−3.36	1.20	1–2	4.0	5	6	4	21	......	J. W. Eppes
Magnolia	Columbia	315	27	47.4	+0.1	74	21	16	9	5.05	−0.24	1.11	14	2.5	7	9	12	10	ne.	State Agri School
Mammoth Spring	Fulton	600	39	38.6	+1.2	70	27	−4	9	1.22	−2.58	0.59	27	3.5	4	12	12	7	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	32	41.6	−0.6	77	22	7	9	3.48	−1.32	2.23	1–2	4.0	5	8	8	15	s.	University of Arkansas
Marked Tree	Poinsett	229	39	40.2^{r}	+1.5	70^{a}	22	10	9§	1.91	−3.73	0.75	2–3	8.1	6	9	8	14	s.	Charles Walton
Marshall	Searcy	1050	..	41.3	+1.7	69	22	1	9	1.38	−2.04	0.48	1–2	5.0	5	12	14	5	nw.	W. F. Reeves
Mena	Polk	1207	55	43.0	+1.6	74	21	1	9	3.46	−0.57	1.70	7	13.5	7	11	5	15	ne.	E. W. St. John
Monticello	Drew	273	3	44.6	......	73	21	15	9	4.96	......	1.51	1–2	7.3	10	9	9	13	ne.	Airway Observer
Morrilton †	Conway	315	27	41.2	+0.5	70	22	−6	10	1.82	−2.27	0.60	7–8	9.0	7	12	6	13	se.	Mrs Nova A. Berry
Mountainburg	Crawford	712	6	......	......	......	......	......	......	1.84	......	0.76	2	4.0	4	21	2	8	n.	C. A. Lovell
Mountain Home †	Baxter	800	31	40.6	+2.9	72	22	−4	9	1.20	−1.89	0.50	27	6.0	4	15	5	11	w.	H. N. Halbert
Mountain Valley	Garland	788	6	......	......	......	......	......	......	....	......	....	......	......	......	......	......	....	......	C. A. Cockman
Mount Ida	Montgomery	702	44	43.6^{a}	+2.7	77	21	......	......	2.75	−1.72	0.80	2	13.4	6	11	5	15	w.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	......	......	......	......	......	......	1.58	......	0.56	1–2	3.0	6	14	4	13	......	H. G. Arvin
Nashville	Howard	350	5	45.4	......	74	21	7	9	4.05	......	0.94	1–2	3.5	9	16	0	15	n.	Carter Day
Newport	Jackson	231	60	43.6	+3.9	70	22§	7	9	1.66	−3.42	0.55	7–8	6.5	8	15	4	12	sw.	W. T. Moyer
Nimrod Dam	Perry	475	2	42.9	......	71	21§	5	10	2.49	......	1.09	7–8	15.0	6	14	4	13	w.	U. S. Engineers
Oden	Montgomery	800	16	45.2^{a}	......	75	21	......	......	3.69	−0.57	1.65	27	13.0	5	13	8	10	sw.	U. S. Forest Service
Okay	Howard	288	15	46.0	+1.1	75	21	14	9	3.68	−1.14	0.85	7	2.5	9	14	7	10	sw.	Charles R. Jackson
Osceola	Mississippi	250	43	......	......	......	......	......	......	1.33	−3.42	0.63	2–3	1.5	5	13	8	10	......	G. H. Banks
Ozark	Franklin	396	48	40.2	+0.1	70	25	−2	9	2.37	−0.74	0.97	7–8	10.0	6	5	10	16	e.	Orkney O. Milton
Paragould	Greene	275	20	41.0	......	67	25	11	10	2.10	−3.35	1.00	2–3	3.4	5	15	6	10	nw.	J. E. Garrett
Parkin	Cross	222	13	......	......	......	......	......	......	1.93	−3.90	0.81	2–3	3.0	5	16	1	14	......	Carroll King
Perryville	Perry	325	4	42.1	+2.2	70	22§	7	9§	2.48	−1.92	1.00	7–8	11.6	4	10	10	11	w.	Lillie Cranford
Pine Bluff	Jefferson	215	56	45.6	+1.8	76	21	15	9	2.64	−2.70	0.99	1–2	3.0	8	9	12	10	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	19	......	......	......	......	......	......	3.57	−1.05	0.79	7–8	13.0	7	8	8	15	w.	J. R. Huddleston
Pocahontas	Randolph	300	50	42.0	+3.4	71	22	11	9	0.78	−3.70	0.32	27	2.5	4	15	5	11	s.	Benedictine Sisters
Portland	Ashley	122	37	45.7	−0.8	75	26	17	9	4.85	+0.02	1.65	14–15	3.0	8	11	6	14	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	45.7	+1.3	72	21§	14	9	3.25	−1.58	1.13	1–2	3.0	11	12	9	10	sw.	W. R. Hambright
Rogers	Benton	1309	53	39.8	+2.7	70	26	−2	9	1.34	−1.38	0.54	7–8	9.3	5	16	8	7	se.	Howard Fowler
Rosebud	Faulkner	680	9	......	......	......	......	......	......	2.05	......	1.06	2	4.3	4	14	11	6	sw.	G. A. Maddox
Russellville ‡‡	Pope	526	31	42.2	+2.5	71	22	−3	9	2.89	−1.02	1.40	7–8	9.0	5	9	8	14	w.	U. S. Forest Service
St. Charles	Arkansas	175	10	42.4	......	70	21§	10	9	3.03	......	1.26	1–2	7.0	6	7	11	13	s	U. S. Biological Survey
St. Francis	Clay	290	16	......	......	......	......	......	......	0.99	−4.82	0.78	2	0.5	3	19	0	12	......	W. S. Buckley
Searcy	White	245	33	42.5	+2.0	69	22§	7	10	1.63	−3.37	0.56	2	......	6	13	9	9	ne.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	45.5	......	74	21	8	9	3.01	......	1.31	1–2	8.5	9	9	9	13	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	39.8	......	72	26	−5	9	1.01	......	0.41	26–27	5.3	5	18	6	7	se.	John Brown University
Springbank †	Miller	219	34	......	......	......	......	......	......	4.15	−0.13	0.73	1–2	T.	11	15	0	16	......	Henry Field
Story	Montgomery	650	19	......	......	......	......	......	......	4.87	+0.87	3.38	7	8.0	4	16	2	13	s.	S. C. Story
Stuttgart	Arkansas	214	56	44.1	+1.3	71	21	10	9	3.03	−2.26	1.48	1–2	4.0	6	14	7	10	n.	Mrs. B. E. Swim
Stuttgart 9 miles e ‡‡	Arkansas	198	8	42.4	......	70	21§	10	9	2.39	......	1.34	1–2	5.0	6	......	......	......	......	University of Arkansa
Subiaco	Logan	750	45	41.4	+0.1	70	25§	1	9	3.23	−0.39	1.30	26–27	15.0	5	24	1	6	sw.	New Subiaco Abbey

Climatological Data for January, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Texarkana	Miller	332	58	45.8	− 0.3	74	21	16	9	4.11	+0.02	1.37	7	1.9	13	8	8	15	e.	U S. Weather Bureau
Turnpike †	Pope	2240	18	40.1	......	67	21†	6	10	1.67	−2.87	0.60	27	10.3	7	17	1	13	sw.	U. S. Forest Service
Waldron	Scott	675	23	41.0	......	72	21†	−13	9	2.68	−1.26	0.71	26−27	12.0	7	10	10	11	se.	William D. Bivens
Warren	Bradley	206	48	46.0	+ 1.1	73	21	17	9	4.97	+0.07	2.17	1−2	2.8	11	4	8	19	nw.	C. N. Turner
Whitecliffs	Little River	290	36	....	......	......	......	......	......	4.42	+0.39	1.05	2	......	6	15	4	12	......	L. M. Snead
White Rock †	Franklin	2285	6	38.4	......	66	22	6	9	1.47	......	0.51	26−27	8.5	5	15	4	12	sw.	U. S. Forest Service
Wilson	Mississippi	237	17	41.4	− 1.1	72	24	6	9	1.60	−4.18	0.80	2	3.0	3	20	0	11	n.	D. O. Anderson
Wynne	Cross	167	34	40.8[d]	− 0.1	70	26	8[h]	9	1.54	−3.83	1.04	1−2	5.0	2	23	1	7	n.	C. B. Bailey
State Means		....	..	42.2	+ 1.0	82	26	−15	9	2.50	−1.78	3.38	7	6.5	6	12	7	12	sw.	

Daily Precipitation for January, 1944

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott [2]	Arkansas																																
Alum Fork Reser.	Arkansas		.64	T.				T.	.78							T.												.58			T.		2.00
Aplin	Ouachita		.79	.09				.28	1.50							.12											.06	.34		.08			3.26
Arkadelphia [2]	Ouachita		1.05	.20				T.	.95	.50						.60											T.	.30		T.	.20		3.80
Arkansas City [2]	Mississippi		.85	.28		T.			.40	.09			T.	.60	.03	1.35											.17		.11	.18	.30		4.36
Augusta [2]	White		.66	.14					.57	.05																	.04		.33				1.79
Batesville Air'y [1]	White	.14	.53					.09	.21																		.01	.41		.03	.01		1.43
Batesville Livestk [2]	White		.40	.23						.50	T.																	.36	.05				1.54
Batesville River [2]	White		.40	.30					.51	.08																	.02	.04	.30		.07		1.72
Beaty Lake	St. Francis		1.45	.52		T.			.08							T.										T	.10	.07		T.	T.		2.22
Bee Branch	Arkansas		.60					T	.25																			.45		T.			1.30
Beech Grove	White	.70	.50						.10																			.20					1.50
Beedeville [2]	White		.59	.30	T.				.35	.15																			.33		T		1.72
Benton[2] [2]	Saline		.85	.37				.04	.41	.09						.19												.30	.10		.11		2.46
Bentonville [2]	Arkansas		.03	.35				T	.12	T.																		.51					1.01
Bethesda [2]	White		.40	.20						.50																			.37				1.47
Big Lake Outlet [2]	St. Francis		.48	.72					.04	T																	T.		.20		.04		1.48
Black Rock [2]	White		.30	.16					.14	.05																	T.	.04	.37		T.		1.06
Bluff City	Ouachita	.04	1.10					.45	.23				.76		.22	.50											.05		.32		.34		4.01
Blytheville [2]	St Francis		.19	1.02						.31																							1.52
Booneville 3 mi- w	Arkansas		.52					.24	1.04																		.02	.53		.07	.02		2.44
Booneville [2]	Arkansas		.34	.22				.30	.60	.10																		1.00		.05	.03		2.64
Boughton [2]	Ouachita		.90	.38				.30	.65							.65												.31		.17	.18		3.54
Brinkley [1]	White	.50	1.15	.01				.15	.43						.01	.05										.07	T.	.15		T.			2.52
Burdette	Mississippi		.37	1.00				T.	.25																		.03						1.65
Calico Rock [2]	White		.30	.29					.20	.05																	.01	.42			.04		1.31
Camden [2]	Ouachita		.86	.27				.04	.62	.02			.05	.76	.02	1.62											.11	.37		.11	.51		5.36
Camp Robinson [1]	Arkansas	.39	.77					*	.38						.10	.30											.10	.28		.04			2.36
Carlisle [2]	Arkansas		.95	.33					.80	.02						.14												T	.20				2.44
Clarendon [2]	White		1.41	.49					.28	T.						.09											.18		.15				2.60
Cold Springs [2]	Ouachita		*	.39				*	2.08																			.78			.12		3.37
Conway	Arkansas		.88					.12	.91																		T.	.87	.11				2.89
Corning [2]	White			.20				T	.08																				.30				0.58
Cotter [2]	White		.23	.14					.46	.21																		.58					1.62
Crossett	Ouachita		1.39					.17	.34				.80	.25	.76	.87										.04	.03	.26		.27			5.18
Crystal Valley [2]	Arkansas		.80					.22	.38							.28											T			T.			1.68
Danville [2]	Arkansas		.46	.13				.02	1.24	.03																		.47			.18		2.53
Dardanelle [2]	Arkansas		.45	.25				.12	1.57																			.42			.16		2.97
Denmark [2]	White		.58	.37		.01			.11	.01																			.35		.03		1.46
De Queen	Red	.26						.81	.94						T.												T.	.57		.46			3.04
Dermott [2]	Mississippi		.80	.32					1.47	.05				.60		1.19					T.						.18		.14	11	.35		5.21
Des Arc [2]	White		.86	.26					.89	T.						T.													.15		T.		2.16
Devils Knob	Arkansas		.45	.01				.27	.38																			1.36		.02			2.49
Dumas	Mississippi	.06	1.15	.02					.60				.25		.80	.65										.07	.05	.22		.20			4.07
Eagle Gap [2]	Arkansas		.45	.11				.60	1.40																			.60		.04	.02		3.22
El Dorado [2]	Ouachita		.65	.40				.15	.69	.02			.61	.14	.11	1.08											.10	.32		.42	.44		5.13
Eleven Point	White		.35	.06	T.				.10																				.46				0.97
England	Arkansas		1.00	.12					.40						T.																		1.52
Eureka Springs	White		.35	.04				.10	.40																.03			.64					1.56
Evening Shade [2]	White		.20	.37					.12	.11																	T.	.01	.39		T		1.20
Fayetteville	White		.49	.02		T.		.12	.33																T			.51			T.	.01	1.48
Fayetteville Exp. S	White		.56	T.		T.		.08	.19																			.46			.01		1.30
Fordyce	Arkansas		.11					.27	.45				.62		1.10												.03	.32		.65			3.55
Forester [2]	Arkansas			*	1.76			.44	1.49																T.	T	T.	1.42		.27			5.38
Fort Smith [1]	Arkansas	.12	.34		T.			.96	.17																T.			.44		.04	T.		2.07
Fort Smith W. [1]	Arkansas	T.	.46					.41																			.11	.47			T.		1.45
Fulton [2]	Red		.92	T.		T.		.39	.68	T.			.13	.03	T.	.59											.13	.55		.14	.10		3.66
Georgetown [2]	White		.75	.25					.20																				.35				1.55
Gilbert [2]	White		.26	.13					.40	T.																		.33					1.12
Glenwood [2]	Ouachita		.83					.58	.64																			.47					2.52
Grannis	Red	.05	.65		.02	.01		1.10	.40						T											T.	.05	.34		.41	01		3.04
Gravelly [2]	Arkansas		.50					.23	1.43																			.92		T.			3.08
Gravette	Arkansas		.27						.23																			.29					0.79
Green Forest	White		.36																														
Green Mountain	White		.55	T.					1.20																			.40		T.			2.15
Greenwood [2]	Arkansas		.22	.10				.30	.85																			.50			.05		2.02
Harrisburg [2]	St. Francis		.54		.15				.50																				.23				1.42
Harrison	White		.44						.36																			.91					1.71
Heber Springs [2]	White		.40	.12					.13																			.52	.07		.02		1.26
Helena [2]	Mississippi		.85	.59					.33	.08						.22											.06	.02	.15				2.30
Henderson [2]	White		.32	.28					.50																			.50					1.60
Highland	Ouachita	.30						.30							.10										.90			.60		.40			2.60
Hollis	Arkansas		.80					.27	.44																			.46		.15			2.12
Hope [2]	Red		.96	.06				.41	.56	T.			.14	.04	T.	.51											.06	.44	.05	.22	.23		3.68
Hot Springs	Ouachita		.92					.34	.45						T.	.19											.05	.27		.13			2.35
Huttig [2]	Ouachita		1.12	.18					.71				.20	.72	T.	.62											.08	.31	.04	.08	.22		4.28
Index [2]	Red		.90	.20		20		.50	.20				.40	T.	T.	T.											.05	1.80	T	.15	T.		4.40
Jessieville	Ouachita		.60					.20	.60							.03												.58	.10				2.11
Jonesboro [2]	White		.38	.72					.50	.26																		.01	.19				2.06
LaCrosse [2]	White		.38	.24					.15																			67		T			1.44
Lake City [2]	St. Francis		.72						.50																		T.	.50					1.72
Lead Hill	White		.42	.02				T.	.41																			.73					1.58

Daily Precipitation for January, 1944 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Little Rock[1‡]	Arkansas	.61	.60	T.	T.	T.	....	.40	.13	....	....	....	....	....	.18	T.	....	....	....	....	....	....	....	....	....	T.	T.	.12	....	.02	....	....	2.06
Lutherville	Arkansas	....	.62	....	.03	....	....	.20	.45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.74	....	.07	....	.06	2.17
Madison[2]	St. Francis	....	1.20	.75	....	....	....	....	....	.30	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	.15	....	....	....	....	2.50
Magnolia	Red	....	.93	....	....	....	....	.53	....	.29	....	....	1.04	....	....	1.11	....	....	....	....	....	....	....	....	....	....	....	.40	....	.75	....	....	5.05
Mammoth Spg[2]	White	....	....	.35	....	....	....	....	.20	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.59	....	....	....	1.22
Marianna[2]	St. Francis	....	2.23	....	....	....	....	....	*	1.06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.11	....	.08	....	....	....	3.48
Marked Tree[2]	St. Francis	....	.50	.75	....	....	....	....	.22	.17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	1.74
Marshall	White	....	.48	.08	T.	....	....	T.	.36	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	.42	....	.04	....	....	1.38
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mena[2]	Ouachita	....	.50	.15	....	....	....	.31	1.39	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.87	....	.10	.14	T.	3.46
Monticello[1‡]	Ouachita	.36	1.15	....	....	....	....	.35	.55	....	....	....	.64	....	.87	.14	....	....	....	....	....	....	....	....	....	.14	....	.28	....	.48	....	....	4.96
Morobay[2]	Ouachita	....	.87	.11	....	....	....	....	.65	....	....	....	.25	.53	.10	1.22	....	....	....	....	....	....	....	....	....	....	.05	28	.02	.35	.49	....	4.92
Morrilton[2]	Arkansas	....	.36	.13	....	....	....	.03	.60	.05	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	T.	.55	....	....	.10	....	1.82
Mountainburg	Arkansas	....	.76	....	....	....	....	.30	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	....	.63	....	....	T	T	1.84
Mountain Home	White	....	.20	.10	....	....	....	....	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	1.20
Mountain Valley	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mountain View[2]	White	....	.25	.35	....	....	....	....	.24	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.24	T.	....	.09	....	1.17
Mount Ida	Ouachita	....	.80	....	....	....	....	.44	.60	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	.65	....	.22	....	....	2.75
Mulberry[2]	Arkansas	....	.35	.21	....	.03	....	.20	.39	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	....	....	....	....	1.58
Nashville	Red	*	.94	....	....	....	....	.80	.90	....	....	....	....	....	.16	.10	....	....	....	....	....	....	....	....	....	.03	....	.82	....	.30	....	....	4.05
Newhope[2]	Ouachita	....	.87	.07	....	....	....	.65	.50	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	.70	....	....	.23	.05	3.17
Newport[2]	White	....	.41	.35	....	T.	....	....	.40	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.02	.01	.28	....	.04	....	1.66
Nimrod Dam	Arkansas	....	.72	.07	....	....	....	.27	.82	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	....	.15	....	....	2.49
Odell[2]	Arkansas	....	....	.39	....	....	....	.10	.30	....	....	....	....	....	....	.01	....	....	....	....	....	....	....	....	....	....	....	.78	....	....	....	....	1.57
Oden	Ouachita	....	.81	....	....	....	....	*	1.01	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.65	....	....	.22	....	3.69
Okay	Red	.10	.83	....	....	....	....	.85	.50	....	....	....	.10	....	T.	.33	....	....	....	....	....	....	....	....	....	....	.05	.62	....	.30	....	....	3.68
Osceola[2]	Mississippi	....	.45	.68	T.	....	....	....	.14	T	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.02	T.	.04	....	....	....	1.33
Ozark[3]	Arkansas	....	.31	.24	....	T.	....	.14	.97	.11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	T	T.	2.37
Paragould	St. Francis	....	.40	1.00	T.	....	....	....	.31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.29	.10	....	....	....	....	2.10
Parkin[2]	St. Francis	....	.75	.81	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	....	....	....	1.98
Perryville	Arkansas	....	.79	T.	....	....	....	.16	1.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	.53	....	....	....	....	2.48
Pine Bluff[2]	Arkansas	....	.99	.29	....	....	....	....	.52	T.	....	....	....	....	.03	.68	....	....	....	....	....	....	....	....	....	....	.05	....	.03	....	.05	....	2.64
Pine Ridge[2]	Ouachita	....	61	.17	....	....	....	.55	.79	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	1.21	....	.11	.13	....	3.57
Pocahontas	White	....	.24	.04	....	....	....	....	.18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.32	....	....	....	....	0.78
Portland[2]	Ouachita	....	1.25	.20	....	....	....	....	.40	.50	....	....	....	.55	....	1.65	....	....	....	....	....	....	....	....	....	....	.10	....	T.	....	.20	....	4.85
Prescott[2]	Ouachita	....	.94	.19	....	.02	....	30	.70	....	....	....	.05	.03	T.	.53	....	....	....	....	....	....	....	....	....	....	.02	.27	....	.20	....	....	3.25
Red Star	White	....	.37	....	....	....	....	.06	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.58	....	....	....	....	1.41
Rogers	White	....	.21	....	....	T.	....	.06	.54	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.51	....	....	.02	....	1.34
Rosebud	Arkansas	....	1.06	....	....	....	....	....	.43	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.46	....	.10	....	....	2.05
Russellville	Arkansas	....	.67	....	....	....	....	.24	1.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.39	....	.19	....	....	2.89
St. Charles[2]	White	....	1.26	.24	....	....	....	....	.62	T.	....	....	....	....	....	.66	....	....	....	....	....	....	....	....	....	....	.11	....	.14	....	....	....	3.03
St. Francis[2]	St. Francis	....	.08	.78	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.13	....	....	....	0.99
Searcy[2]	White	....	.56	.40	....	....	....	....	.26	.03	....	....	....	....	....	.04	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.34	....	1.63
Sheridan	Ouachita	....	1.31	.07	....	....	....	.24	.32	....	....	....	....	....	.15	.50	....	....	....	....	....	....	....	....	....	....	.11	.20	....	.11	....	....	3 01
Shirley[2]	White	....	.42	....	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.28	....	....	....	....	1.00
Siloam Springs	White	....	.40	....	....	....	....	.06	.13	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	T.	....	.41	....	....	.01	....	1.01
Sparkman	Ouachita	....	1.17	....	....	....	....	*	.55	....	....	....	....	.03	....	.88	....	....	....	....	....	....	....	....	....	....	....	.23	....	....	.31	....	3.17
Springbank[2]	Red	....	.73	.04	....	....	....	.52	.54	T	....	....	.50	.42	....	.50	....	....	....	....	....	....	....	....	....	....	.02	.42	T	.26	.20	....	4.15
Stamps	Red	....	1.50	....	....	....	....	....	1.00	....	....	....	....	1.03	....	1.04	....	....	....	....	....	....	....	....	....	....	1.25	....	....	1.03	....	....	6.85
Stephens[2]	Ouachita	....	.93	....	....	....	....	....	.63	....	....	....	....	1.05	....	3.36	....	....	....	....	....	....	....	....	....	....	.32	....	....	....	.60	....	6.89
Steve[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Story[2]	Ouachita	....	.73	....	....	....	....	....	3.38	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.58	....	....	.18	....	....	4.87
Stuttgart[2]	Arkansas	....	1.48	.56	....	....	....	....	.40	....	....	....	....	....	....	.43	....	....	....	....	....	....	....	....	....	....	.04	.12	....	....	....	....	3.03
Stuttgart Evap[2]	Arkansas	....	1.34	.13	....	....	....	.40	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	....	....	....	.02	....	.10	....	....	....	2.39
Subiaco	Arkansas	....	60	....	....	....	....	.29	.92	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	1.30	....	.12	....	....	3.23
Sugar Grove[2]	Arkansas	....	.32	.35	....	....	....	.24	1.80	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.01	....	....	.10	....	3.82
Texarkana[1]	Red	.85	.05	....	....	.06	T.	1.37	.14	....	....	....	.25	....	.29	.06	....	....	....	....	....	....	....	....	....	.07	.57	.13	.02	.25	....	T.	4.11
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	....	.46	....	....	.02	....	.35	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	.60	....	.08	....	....	1.67
Viola[2]	White	....	.10	.40	....	....	....	T.	.20	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	1.45
Waldron[2]	Arkansas	....	*	.67	....	....	....	.48	*	.71	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	71	....	....	.11	....	2.68
Walnut Grove	White	....	.52	.17	....	....	....	....	.59	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.44	....	T.	....	....	....	1.72
Warren	Ouachita	.02	2.15	....	....	....	....	.05	.50	T.	....	....	.40	....	.20	.75	....	....	....	....	....	....	....	....	....	.15	.03	.30	....	.42	....	....	4.97
Whitecliffs[2]	Red	....	1.05	....	....	....	.45	.95	.98	....	....	....	T	T.	....	....	....	....	....	....	....	....	....	....	....	....	T.	.79	....	.20	....	....	4.42
White Rock	Arkansas	....	.50	....	....	....	....	.23	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.51	....	T	....	.03	1.47
Wilson[2]	Mississippi	....	.80	.60	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.60
Wynne[2]	St. Francis	T	1.04	....	....	....	....	....	.50	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	T	....	1.54

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for January, 1944

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda §§	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	31	32	42	42	41	31	29	23	18	28	38	28	26	26	38	39	43	44	45	45	50	54	43	52	61	60	62	52	44	48	50	40.6
	Wind move	32	31	108	55	111	112	65	148	95	69	80	59	114	52	35	62	52	29	99	147	49	27	127	56	140	103	165	102	42	14	105	2485
Hope, Exp. Farm §§	Evap.	.049	.061	.013	.018	.010	.070	.059	*	*	*	.018	.041	*	*	*	.115	.144	.049	.062	.112	.074	.088	.047	059	.069	.002	.075	.105	.060	.034	.055	1.489
	Mean tem.	34	36	42	47	42	38	29	28	22	32	46	32	31	31	38	38	43	44	45	47	51	51	50	56	51	60	59	50	44	52	54	42.9
	Wind move	15	55	65	40	40	40	32	111	65	14	40	47	133	101	61	29	17	15	36	67	28	37	56	30	45	22	62	50	22	23	33	1431
Nimrod Dam	Evap.	.048	.011	.052	.030	.077	.042	.028	....	.057	.039	.014	.016	.036	.027	.029	.018	.026	.061	.107	.070	.066	.097	.073	.056	.062	.019	.125	.078	.032	.008	.075	1.528
	Mean tem.	34	38	44	45	40	34	36	28	19	26	37	38	29	30	40	38	43	44	44	46	52	52	47	56	62	61	62	48	49	48	51	42.9
	Wind move	14	18	24	11	114	13	4	23	18	22	17	8	9	7	36	11	12	24	25	61	13	45	14	14	47	6	71	9	4	4	68	766
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	38	38	41	37	43	32	38	30	14	24	34	39	28	31	36	38	42	42	45	45	48	53	50	56	62	61	60	62	51	46	50	42.2
	Wind move	5	25	35	20	73	19	39	14	3	8	4	20	28	10	26	13	9	12	31	29	8	18	33	32	46	42	74	15	2	6	50	749
Stuttgart. Rice Exp. Farm §§	Evap.	....	....	....	*	.040	*	.099	*	*	*	*	*	*	*	*	*	*	*	*	*	.260	.055	.080	.069	.076	.070	-.001	.019	.065	.036	.052	0.920
	Mean Tem	36	36	38	49	45	35	37	32	22	31	39	32	38	28	39	38	41	42	44	42	50	50	48	56	57	60	62	52	42	50	50	42.4
	Wind move	14	78	92	50	75	77	46	118	70	30	64	67	113	122	38	29	7	4	49	43	9	70	29	85	72	98	109	46	29	1	47	1781

Daily Temperatures for January, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork........	Maximum	40	39	50	46	49	45	45	37	38	49	58	56	35	36	54	55	57	59	57	61	74	70	62	68	65	60	69	68	52	54	58	53.7
	Minimum	28	33	35	31	37	19	31	21	11	10	24	27	21	29	31	31	32	27	34	32	33	39	38	44	52	57	51	40	40	42	30	32.6
Arkadelphia ....§§	Maximum	43	42	45	64	55	54	38	30	38	51	57	38	35	37	53	50	60	61	64	62	73	61	62	81	65	82	71	65	48	62	65	55.2
	Minimum	24	32	33	29	29	23	24	26	10	11	12	25	28	26	27	25	30	25	25	29	28	30	39	42	43	51	54	40	38	44	45	30.5
Batesville Air..***	Maximum	40	42	52	53	50	45	42	29	36	45	52	35	36	34	56	50	57	59	60	57	67	70	55	67	68	63	73	63	52	60	57	52.4
	Minimum	25	35	32	34	26	21	25	14	8	17	22	26	20	24	26	30	29	25	35	31	33	33	32	44	53	56	46	40	40	41	37	31.0
Batesville,Livestk§§	Maximum	38	38	51	53	45	46	38	29	34	45	52	33	34	33	56	49	57	58	58	57	67	70	56	66	67	66	69	61	48	57	56	51.2
	Minimum	22	25	33	31	37	16	17	18	4	11	22	22	18	18	22	28	31	28	28	33	33	35	30	37	45	55	57	42	39	40	44	29.7
Bee Branch........	Maximum	47	40	50	49	49	45	43	38	31	40	55	50	35	40	50	53	57	58	58	57	69	69	66	66	67	65	67	65	61	50	58	53.2
	Minimum	25	34	33	29	39	18	27	18	5	5	18	24	17	23	26	27	26	25	30	27	28	36	34	41	50	55	53	35	40	41	41	30.0
Benton ....§§	Maximum	40	41	47	47	50	48	40	27	34	48	57	33	34	35	55	55	56	58	62	61	72	65	56	66	66	67	67	68	63	56	62	52.8
	Minimum	17	27	33	25	26	16	16	21	− 2	0	4	18	23	23	20	20	26	20	20	20	20	24	31	29	40	50	53	32	35	33	36	24.4
Bentonville .....§§	Maximum	41	35	40	58	39	47	35	25	35	44	43	31	36	48	54	45	54	56	55	61	65	63	55	63	71	72	63	58	58	48	54	50.1
	Minimum	20	28	32	32	33	21	20	13	2	18	20	21	15	15	17	19	25	25	30	25	25	30	27	29	47	53	51	33	34	34	30	26.6
Bethesda.........§§	Maximum	38	38	50	52	45	44	39	28	32	44	51	32	33	33	54	48	54	58	57	56	66	70	56	66	67	66	68	60	48	57	56	50.5
	Minimum	23	25	33	32	37	17	19	18	4	12	25	23	19	19	23	30	32	29	33	34	34	37	30	39	45	55	56	43	39	40	44	30.6
Bluff City..........	Maximum	52	47	48	65	61	50	45	35	38	52	59	55	34	33	50	52	53	57	60	63	63	72	68	66	72	68	69	69	65	62	61	56.3
	Minimum	32	36	38	31	39	25	32	25	13	21	32	30	27	28	25	27	27	34	29	36	34	38	46	40	41	52	55	53	40	41	44	34.5
Blytheville........	Maximum	42	41	45	45	47	44	39	31	32	41	48	33	33	35	48	48	45	53	58	49	63	68	54	68	72	66	67	62	49	61	55	49.7
	Minimum	26	34	30	29	35	20	26	20	5	14	25	20	16	20	27	23	25	23	30	29	29	34	27	36	40	54	54	37	35	32	34	28.7
Booneville	Maximum	47	39	46	52	54	46	42	33	32	44	52	47	37	38	54	49	57	60	58	67	72	71	62	68	72	65	72	65	58	52	59	53.9
	Minimum	27	34	32	32	37	19	31	20	− 9	4	10	24	18	11	16	22	27	23	32	29	28	36	30	46	59	52	51	34	43	43	38	29.0
Brinkley ....***	Maximum	43	42	49	52	53	46	42	30	36	43	54	33	33	32	54	52	55	57	62	56	69	68	58	67	66	67	67	66	50	60	61	52.4
	Minimum	30	35	35	29	26	20	30	19	8	10	24	29	22	28	29	28	26	22	34	29	33	34	36	44	50	56	49	40	42	40	32	31.3
Camden.	Maximum	63	43	48	67	64	54	52	39	41	53	58	59	38	35	49	55	58	63	65	64	74	73	68	71	70	71	71	65	64	63	66	58.8
	Minimum	29	36	37	29	41	21	33	26	11	16	25	30	30	29	27	22	27	24	27	28	28	40	41	39	49	52	53	35	45	42	44	32.8
Camp Robinson ***	Maximum	41	41	50	52	58	50	42	31	21	47	55	47	34	34	53	51	53	60	59	68	70	63	56	70	64	66	68	64	58	56	59	52.9
	Minimum	38	33	33	38	27	20	28	16	7	10	19	25	20	25	27	25	30	26	36	33	31	38	36	44	49	56	46	41	42	40	36	31.5
Conway	Maximum	42	40	53	49	53	48	42	41	35	46	53	50	38	39	53	51	57	64	61	62	69	74	65	71	68	64	74	64	59	54	63	54.9
	Minimum	28	36	33	28	39	20	31	22	3	2	19	28	21	25	26	27	29	24	32	27	28	36	32	44	50	56	53	36	41	43	44	31.1
Corning	Maximum	43	40	53	44	41	46	37	32	34	45	50	41	35	32	52	50	51	55	60	65	61	70	64	68	70	65	70	66	55	65	58	52.2
	Minimum	24	22	34	29	35	18	26	18	8	16	25	25	16	20	24	36	21	28	32	40	38	32	28	36	49	55	58	36	37	30	44	30.3
Crossett............	Maximum	47	44	45	62	60	52	46	47	40	51	56	52	32	32	48	57	56	62	65	63	75	72	69	71	67	75	72	63	57	69	68	57.3
	Minimum	27	38	38	29	43	22	34	25	15	15	27	31	26	27	29	20	28	21	29	25	21	38	43	41	50	55	54	40	45	35	40	32.6
Dardanelle........	Maximum	47	40	46	45	48	45	43	40	30	42	51	49	35	37	47	46	53	59	59	61	66	72	68	65	67	66	71	69	62	51	61	52.9
	Minimum	28	35	34	29	38	20	31	21	− 4	1	11	27	19	21	21	25	28	24	29	28	29	36	32	46	55	55	53	37	41	43	41	30.1
De Queen....	Maximum	54	42	46	50	51	45	43	34	35	50	55	51	42	38	57	57	59	61	63	64	72	76	63	69	67	65	69	64	58	55	67	55.5
	Minimum	33	36	37	33	35	21	32	26	2	11	23	36	29	30	22	27	29	25	28	25	28	38	36	49	56	57	52	36	46	44	44	33.1
Des Arc	Maximum	44	41	49	54	54	54	44	40	43	44	56	50	32	31	51	52	45	59	56	57	66	66	61	67	67	66	65	64	62	58	67	53.7
	Minimum	27	35	33	29	39	19	31	21	5	11	21	27	20	25	25	27	25	25	34	27	29	34	36	42	49	54	53	37	40	37	45	31.0
Devils Knob.......	Maximum	35	31	44	42	46	38	32	26	30	40	48	38	31	42	..	53	50	50	50	54	64	60	56	55	62	57	60	57	49	44	51	46.5
	Minimum	26	29	29	31	29	24	26	11	7	20	31	17	9	20	..	28	31	35	35	28	43	46	32	40	49	51	46	37	39	36	30	30.5
Dumas	Maximum	42	44	45	56	54	48	43	40	26	49	52	47	32	30	48	50	58	60	62	57	73	71	64	70	65	72	69	65	55	63	62	53.9
	Minimum	30	36	35	30	40	23	34	25	10	17	30	30	25	28	27	23	28	26	34	30	34	43	41	43	48	55	55	40	46	39	42	33.8
El Dorado	Maximum	44	45	48	55	56	48	49	45	38	53	60	50	30	31	45	52	55	58	63	71	76	73	67	76	73	74	72	68	64	63	67	56.4
	Minimum	32	33	37	35	36	28	35	27	18	23	35	30	27	29	29	27	30	29	34	38	51	63	47	50	54	52	53	42	40	44	36	36.9
England......... .	Maximum	35	42	53	57	58	50	48	35	31	59	58	43	36	32	52	49	54	61	62	60	70	70	62	69	64	69	70	64	62	60	61	54.7
	Minimum	30	26	31	26	34	20	29	18	2	18	24	28	20	24	23	26	28	24	30	30	35	36	30	43	48	44	53	44	37	39	39	30.3
Eureka Springs ...	Maximum	40	39	38	58	53	46	40	30	33	45	41	35	34	43	52	47	51	54	54	59	60	63	59	61	70	72	66	57	55	48	51	50.0
	Minimum	28	34	32	30	30	21	29	13	4	22	23	20	14	14	23	30	29	36	31	29	40	41	30	44	57	56	50	37	39	36	32	30.8
Fayetteville.......	Maximum	42	40	49	58	53	45	41	31	36	43	43	41	37	45	53	50	54	56	55	61	66	63	59	62	71	70	66	59	56	50	53	51.9
	Minimum	26	32	32	31	29	18	29	13	− 3	23	22	22	15	14	19	27	28	28	32	26	33	38	33	46	58	55	50	32	38	35	32	29.5
Fayetteville Exp. S	Maximum	43	38	47	58	55	45	43	28	33	42	40	40	35	43	54	50	54	55	54	61	63	64	58	60	69	70	67	58	56	55	52	51.3
	Minimum	25	32	31	30	28	18	28	12	− 7	19	19	21	14	13	16	25	25	28	30	22	32	38	30	45	57	54	50	33	38	33	30	28.0
Fordyce............	Maximum	46	42	44	59	55	49	46	38	37	51	55	52	52	46	49	52	55	59	63	60	71	68	62	69	65	70	68	63	58	60	64	55.7
	Minimum	31	36	35	41	40	26	32	25	14	23	34	38	25	30	26	30	34	34	32	29	39	49	42	47	51	57	49	43	45	42	43	36.2
Fort Smith.....***	Maximum	40	40	45	46	44	45	40	28	28	44	42	38	35	39	44	47	53	58	56	63	64	63	54	67	71	66	72	60	52	51	58	50.1
	Minimum	32	36	36	34	32	25	28	10	4	15	23	30	22	19	21	30	32	32	34	33	34	43	39	46	60	56	48	39	45	44	39	32.9
Gilbert...........§§	Maximum	40	37	48	52	37	48	39	25	31	51	49	36	32	39	60	49	55	60	59	60	67	71	55	65	68	68	70	63	48	54	58	51.4
	Minimum	23	23	33	26	28	14	14	17	10	−10	5	16	13	10	12	13	22	18	20	21	20	23	20	26	47	54	53	28	28	34	39	22.6
Grannis	Maximum	47	40	45	47	52	47	40	32	36	49	58	47	37	37	60	58	61	58	60	63	70	65	64	67	63	62	68	59	54	53	63	53.6
	Minimum	32	33	34	32	32	24	31	22	6	15	26	32	26	28	21	34	33	30	36	32	34	43	40	44	55	55	50	40	41	41	40	33.6
Gravette...........	Maximum	41	40	49	58	51	46	41	30	34	42	42	41	39	47	53	45	55	56	55	61	66	64	58	62	71	73	69	58	59	56	52	52.1
	Minimum	24	32	29	36	29	19	28	12	− 7	21	18	16	14	11	13	25	23	26	25	20	29	40	29	45	57	54	50	31	39	31	28	27.3
Green Mountain. ..	Maximum	48	40	44	48	49	42	45	32	30	45	45	41	35	40	50	54	55	54	55	58	63	69	55	52	54	69	70	65	60	60	64	51.3
	Minimum	35	30	30	38	37	25	26	11	8	21	32	22	14	19	26	29	30	32	38	30	42	47	35	36	38	40	47	40	42	40	44	31.7
Harrison	Maximum	39	37	46	55	50	49	40	32	39	53	45	40	36	43	56	46	55	58	55	61	66	68	55	61	69	70	67	60	55	58	53	52.2
	Minimum	24	32	33	29	32	17	30	15	− 9	12	19	22	13	11	21	28	25	24	36	25	40	30	24	42	56	55	52	39	35	32	35	28.4
Helena...	Maximum	44	43	43	54	49	46	42	42	31	43	55	48	32	32	47	50	52	58	59	56	67	67	60	69	65	69	66	61	52	65	58	52.4
	Minimum	30	38	32	32	38	23	33	24	5	19	32	29	22	27	27	27	29	27	35	31	36	44	39	47	51	56	57	47	45	40	44	34.4
Highland....... ..	Maximum	54	40	45	52	54	46	35	34	35	48	54	54	35	36	54	55	60	60	61	63	72	66	61	70	65	64	68	61	62	61	65	54.5
	Minimum	32	35	37	31	34	25	31	25	9	19	29	32	27	29	27	32	37	32	34	36	39	45	42	44	54	55	52	43	45	43	44	35.5
Hope ....§§	Maximum	41	41	48	64	53	51	34	29	40	52	61	35	34	37	51	53	60	61	63	63	72	68	59	72	62	69	66	61	49	63	65	54.1
	Minimum	28	32	36	30	30	24	24	28	13	13	23	30	28	28	25	24	26	27	27	31	30	34	42	41	41	52	52	40	39	42	42	31.7
Hot Springs........	Maximum	51	40	41	46	53	47	43	35	35	49	58	54	37	36	57	57	59	58	61	62	74	73	62	71	70	63	67	65	60	54	64	54.9
	Minimum	30	34	35	33	36	21	31	22	10	22	30	29	22	26	28	31	34	35	39	36	43	50	33	45	54	56	53	42	42	48	43	35.5
Jonesboro	Maximum	40	40	50	45	47	46	38	36	31	45	49	45	34	32	52	48	48	55	58	54	65	67	63	66	68	66	67	63	59	63	57	51.5
	Minimum	28	36	33	34	37	22	30	22	10	16	28	25	19	24	29	29	30	26	36	30	37	36	35	40	44	55	60	43	41	43	44	33.0
Lead Hill..........	Maximum	40	37	41	52	48	47	39	34	39	53	47	37	37	42	54	46	54	59	55	60	63	67	55	64	69	72	67	60	50	55	53	51.5
	Minimum	22	32	31	25	26	15	26	16	−15	− 2	16	23	9	8	14	21	22	19	23	20	23	26	20	36	54	55	52	29	32	29	36	24.0
Little Rock..***	Maximum	39	42	50	52	54	44	42	29	32	48	55	41	33	34	52	52	54	59	60	57	68	66	55	69	64	66	66	64	49	57	58	52.0
	Minimum	31	36	36	30	30	24	29	19	13	10	24	28	24	29	30	33	32	27	36	30	34	38	38	43	48	56	49	44	44	43	42	33.2
Lutherville........	Maximum	40	38	45	41	46	48	40	35	28	44	50	44	38	42	45	47	52	56	56	57	68	67	62	65	66	62	65	60	56	47	56	50.5
	Minimum	29	32	34	31	37	19	21	19	4	11	23	25	19	19	21	28	31	29	31	33	34	40	35	45	53	56	52	42	42	41	37	31.4
Magnolia..........	Maximum	50	42	53	68	59	51	45	38	38	55	61	57	36	32	50	53	57	63	62	63	74	69	65	72	70	70	70	73	64	70	69	58.0
	Minimum	38	36	39	36	40	27	33	27	16	23	34	30	26	27	23	26	30	29	31	32	37	44	47	47	53	56	52	54	51	60	40	36.9
Mammoth Spring.	Maximum	40	38	52	48	45	45	41	34	30	47	47	43	35	35	54	50	55	56	54	55	67	68	63	62	65	62	70	62	58	60	62	51.7
	Minimum	21	34	34	25	36	15	26	18	− 4	4	18	24	14	14	17	21	19	21	27	25	24	28	25	25	35	55	55	32	36	28	40	25.5
Marianna ....§§	Maximum	44	41	44	54	49	47	40	27	36	41	52	32	31	32	50	50	53	57	60	54	68	77	57	67	66	68	65	63	50	63	58	51.5
	Minimum	28	31	33	51	32	24	24	25	7	13	18	29	23	23	28	28	30	27	28	31	33	34	38	42	49	49	45	42	32	41	44	31.7
Marked Tree....§§	Maximum	43	42	47	48	48	44	40	28	34	41	52	32	33	32	51	50	50	57	60	53	64	70	60	68	67	68	67	63	48	62	..	50.7
	Minimum	27	29	35	31	37	21	22	23	10	10	12	25	20	20	20	26	28	25	26	31	30	33	33	32	44	47	57	43	40	40	43	29.7
Marshall...........	Maximum	41	38	47	43	44	38	37	35	38	49	50	41	32	36	55	55	51	57	56	58	64	69	62	64	67	66	65	66	56	53	52	51.3
	Minimum	27	32	32	31	33	20	32	16	1	23	22	22	13	16	24	29	29	31	35	28	37	41	29	45	54	57	54	38	38	43	38	31.3
Mena...............	Maximum	38	38	47	48	48	47	41	30	35	47	56	50	34	44	58	55	59	58	59	67	74	68	64	70	67	61	68	68	50	50	60	53.5
	Minimum	30	32	34	29	32	20	30	21	1	17	26	30	20	20	23	28	30	29	35	29	42	48	36	46	57	52	48	37	43	41	40	32.5
Monticello......***	Maximum	42	43	44	60	55	50	41	33	37	51	53	47	33	31	47	52	49	61	63	60	73	70	63	72	62	72	68	62	54	63	62	54.0
	Minimum	32	38	34	33	34	29	31	24	15	23	35	29	25	28	28	27	31	28	34	30	39	45	46	47	52	57	48	44	47	41	38	35.2
Morrilton ....§§	Maximum	43	44	48	53	52	47	45	34	27	46	49	37	37	42	45	50	56	59	57	59	66	70	59	68	67	67	67	63	64	53	65	52.9
	Minimum	29	32	35	30	33	24	28	20	15	− 6	1	12	22	21	22	26	29	27	27	30	30	32	35	44	46	52	53	41	39	39	46	29.5
Mountain Home...	Maximum	39	47	47	50	49	50	38	36	37	54	49	43	36	40	56	52	55	60	59	59	67	72	64	65	70	69	72	62	51	60	57	53.7
	Minimum	23	33	32	25	21	15	30	15	− 4	6	20	23	14	12	18	25	24	23	36	24	30	34	25	32	55	56	53	38	40	32	38	27.4
Mt. Ida...........	Maximum	40	40	43	49	50	48	46	35	39	50	60	54	35	37	62	55	60	60	61	67	77	67	57	71	66	64	76	65	52	56	62	55.0
	Minimum	27	27	29	27	28	..	..	..	..	..	..	..	..	18	19	22	27	20	25	21	25	33	28	42	54	51	52	30	41	44	50	32.2
Nashville..........	Maximum	42	43	47	55	57	49	46	40	37	53	57	56	40	39	58	57	60	62	67	65	74	71	61	72	67	67	79	62	58	63	67	57.1
	Minimum	33	36	37	32	36	25	32	28	7	13	25	34	28	30	24	27	30	27	30	27	29	37	37	43	54	55	52	39	45	43	46	33.6
Newport...........	Maximum	40	41	54	54	50	47	43	36	37	47	50	39	35	33	55	52	55	60	61	58	68	70	61	67	70	69	70	65	53	64	59	53.6
	Minimum	27	37	37	39	44	22	31	22	7	14	22	28	22	25	30	30	29	27	31	34	32	32	36	41	53	57	62	43	40	44	45	33.6

Daily Temperatures for January, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Nimrod Dam	Maximum	43	40	53	52	53	49	42	36	33	50	53	48	38	37	55	50	57	61	58	62	71	68	58	67	68	66	71	62	57	54	59	53.9
	Minimum	26	36	35	39	37	19	31	21	6	5	21	29	21	23	25	26	29	26	30	29	32	36	36	44	57	56	52	35	41	43	43	31.9
Oden ***	Maximum	51	41	52	45	50	47	45	36	47	49	57	39	35	32	56	54	59	60	60	68	75	73	65	70	70	65	69	67	62	53	59	55.2
	Minimum	31	37	40	30	40	20	35	26	..	..	19	31	20	22	24	26	30	27	38	32	38	43	38	48	59	58	54	37	46	45	31	35.3
Okay	Maximum	57	42	48	63	62	55	47	36	40	53	59	57	37	38	55	57	62	62	67	66	75	72	67	71	69	67	71	64	62	65	68	58.5
	Minimum	33	36	38	30	36	22	31	29	14	18	25	34	29	31	22	26	29	25	29	25	27	41	36	44	52	54	52	38	45	43	44	33.5
Ozark	Maximum	41	40	42	45	44	41	42	34	30	44	44	40	36	36	48	48	55	52	58	58	67	67	63	60	70	68	67	67	55	57	60	50.9
	Minimum	28	29	33	31	33	31	31	20	-2	5	16	26	20	17	19	27	28	28	25	26	29	36	31	48	57	56	35	33	43	42	38	29.6
Paragould	Maximum	41	41	48	45	48	43	38	35	31	40	47	45	33	33	49	46	47	53	57	55	60	66	64	65	67	65	65	61	61	58	57	50.5
	Minimum	25	36	33	30	36	22	28	22	12	11	24	25	19	23	22	29	30	24	35	34	30	32	34	36	43	56	61	41	40	40	45	31.5
Perryville	Maximum	42	40	49	50	51	47	43	41	35	51	50	47	35	38	53	52	56	62	60	61	66	70	64	68	69	64	70	65	59	54	60	53.9
	Minimum	26	34	35	27	35	17	30	21	7	7	15	27	20	23	25	25	29	23	31	28	26	33	31	45	53	55	51	35	39	42	44	30.3
Pine Bluff	Maximum	41	42	46	57	55	49	43	42	37	51	60	49	33	32	53	51	55	60	63	59	76	70	59	72	64	70	69	63	54	56	62	54.6
	Minimum	32	38	37	33	41	26	36	25	15	19	30	32	26	29	29	29	36	27	37	33	43	48	40	45	51	59	58	44	47	47	44	36.6
Pocahontas	Maximum	40	40	53	50	47	45	45	35	34	43	51	48	35	34	55	54	51	55	60	57	65	71	70	64	69	66	70	69	61	62	60	53.5
	Minimum	23	35	34	28	38	18	28	21	11	13	21	25	17	21	27	27	28	23	32	28	27	35	32	37	44	55	57	37	40	39	43	30.5
Portland	Maximum	52	45	46	50	55	50	44	42	39	48	55	52	32	32	46	51	55	58	65	60	74	73	67	70	65	75	72	64	60	65	60	55.5
	Minimum	31	40	35	30	38	35	36	26	17	20	32	34	26	26	28	25	29	26	34	32	36	42	43	45	49	55	55	57	47	40	45	35.9
Prescott	Maximum	52	41	47	60	60	51	47	35	36	52	57	56	34	37	49	53	58	61	64	64	72	63	66	72	69	67	69	66	60	62	65	56.5
	Minimum	32	36	38	30	39	24	31	26	14	18	29	31	27	29	26	27	33	27	32	34	35	45	42	41	52	55	53	42	45	43	46	34.9
Rogers	Maximum	40	40	38	57	50	44	40	30	30	42	42	38	37	43	53	54	53	50	54	55	65	61	55	61	65	70	65	56	56	50	55	50.0
	Minimum	24	32	31	31	30	20	29	12	-2	18	22	20	13	15	20	28	28	30	28	26	35	39	36	44	58	54	50	35	40	39	29	29.5
Russellville	Maximum	48	40	46	46	47	45	45	40	31	46	52	50	37	42	48	50	54	59	60	61	68	71	68	66	68	66	68	67	64	51	59	53.6
	Minimum	28	36	36	28	39	20	32	21	-3	2	15	28	20	20	24	27	29	25	30	29	28	35	31	47	56	56	53	36	41	42	42	30.7
St. Charles §§	Maximum	44	43	46	57	53	43	43	31	34	47	53	43	34	33	51	52	55	58	55	55	70	69	61	70	67	70	64	63	62	63	62	53.3
	Minimum	29	30	35	29	32	21	21	25	10	16	18	30	24	24	27	25	29	24	24	33	34	36	41	44	48	48	57	41	41	38	43	31.5
Searcy	Maximum	40	40	52	55	52	46	43	33	33	44	51	42	35	34	52	52	55	59	60	56	67	69	61	69	68	64	68	64	56	57	60	52.8
	Minimum	28	37	35	30	33	22	32	22	8	7	21	28	22	27	29	30	33	25	32	30	28	35	35	43	49	57	55	40	41	41	42	32.2
Sheridan	Maximum	45	42	50	55	55	48	46	41	37	51	59	50	34	35	57	55	55	60	63	61	74	69	62	71	66	65	68	68	65	58	62	55.7
	Minimum	28	35	32	30	38	23	32	22	8	15	28	31	23	27	24	28	33	30	32	30	34	43	37	43	47	57	55	40	43	42	42	33.3
Siloam Springs	Maximum	41	40	49	57	49	45	39	31	34	42	43	37	37	45	54	44	55	57	54	61	64	63	57	61	69	72	66	58	57	50	51	51.0
	Minimum	26	32	29	35	30	18	30	13	-5	20	32	23	16	14	16	26	24	24	26	22	28	37	28	45	57	53	50	31	40	35	31	28.6
Stuttgart	Maximum	42	42	50	56	53	47	42	40	35	46	55	45	33	30	51	50	52	60	62	56	71	70	61	69	66	69	66	64	58	62	60	53.6
	Minimum	31	38	36	31	40	24	35	24	10	15	27	30	24	25	27	27	32	27	34	30	33	41	48	44	47	57	57	42	46	39	43	34.6
Stuttgart Evap. §§	Maximum	43	42	45	67	49	45	41	41	34	45	52	33	32	31	50	50	52	57	60	55	70	69	58	68	67	70	67	64	52	60	60	52.5
	Minimum	30	31	36	31	41	25	33	24	10	12	17	30	25	24	28	25	30	27	29	29	31	33	39	45	48	50	58	41	44	39	39	32.4
Subiaco	Maximum	44	45	46	46	45	46	44	36	26	42	45	42	35	34	44	45	54	52	55	62	64	65	62	67	70	67	70	63	59	50	58	51.1
	Minimum	29	33	35	29	38	21	31	22	1	3	16	24	16	15	26	27	32	26	36	41	30	39	40	44	61	56	53	40	43	41	39	31.8
Texarkana ***	Maximum	41	42	50	63	58	48	42	34	39	52	59	47	34	34	53	51	58	61	62	64	74	69	59	70	62	69	70	63	52	64	65	55.1
	Minimum	35	38	37	35	32	29	33	21	16	27	35	33	30	29	23	30	34	34	36	33	38	46	46	50	56	56	52	43	42	43	44	36.6
Turnpike	Maximum	42	34	47	47	46	41	40	33	35	42	51	41	32	38	54	56	53	54	52	57	67	65	60	61	67	57	64	64	60	45	55	50.3
	Minimum	26	29	29	30	30	24	25	11	7	6	29	17	10	20	28	31	31	32	34	29	41	44	32	40	49	51	47	39	37	36	32	29.9
Waldron	Maximum	44	46	52	59	55	46	42	31	36	50	49	40	33	40	53	52	54	59	55	65	72	69	62	68	68	64	72	61	59	54	57	53.8
	Minimum	27	34	37	28	37	18	31	20	-13	-3	10	21	16	15	13	20	26	23	25	25	28	33	29	48	58	52	51	33	43	44	41	28.1
Warren	Maximum	46	42	45	62	55	52	46	42	40	53	52	58	31	31	48	52	54	61	64	62	73	71	66	66	67	72	72	64	60	62	65	55.9
	Minimum	32	38	38	31	44	25	35	26	17	20	31	30	26	28	28	26	31	27	32	37	41	47	45	46	52	58	55	43	46	41	45	36.2
White Rock	Maximum	34	34	40	46	46	39	32	27	31	40	47	37	38	50	53	49	53	52	55	55	62	66	55	55	55	60	60	58	49	44	54	47.6
	Minimum	26	27	27	30	27	22	23	10	6	18	26	19	10	21	26	32	31	33	36	30	40	44	33	39	39	49	44	38	36	35	30	29.3
Wilson	Maximum	44	43	45	46	48	45	43	40	42	42	51	47	33	34	48	48	46	55	56	55	58	69	64	72	68	68	67	64	58	62	62	52.4
	Minimum	26	36	32	30	40	20	27	24	6	16	29	23	19	22	23	25	26	22	23	24	33	33	29	34	45	52	60	52	38	37	38	30.5
Wynne	Maximum	45	41	50	50	50	44	39	38	34	45	55	49	34	32	51	48	51	58	59	53	65	65	58	65	55	70	65	60	48	62	59	51.9
	Minimum	28	37	34	34	34	18	27	23	8	15	31	26	20	26	29	28	28	23	29	29	..	..	..	..	..	..	..	..	46	59	52	29.7

Daily River Stages for January, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.8	7.4	7.2	6.9	6.8	6.8	6.8	6.8	6.6	6.8	6.9	6.9	6.8	7.7	7.3	7.8	7.1	6.9	6.8	6.9	7.3	7.5	7.2	7.2	6.8	6.7	6.2	6.7	7.3	7.5	8.8
Van Buren	do	22	7.6	6.6	6.2	5.9	5.8	5.8	6.0	5.8	5.6	5.7	5.8	5.8	5.8	6.3	6.4	6.2	6.1	5.9	5.6	5.8	6.4	6.6	6.4	6.0	5.8	5.3	5.3	5.7	6.3	8.0	8.4
Danville	Petit Jean	20	3.0	3.0	3.2	3.3	4.4	4.5	4.4	4.4	4.4	4.2	4.8	4.9	5.9	6.7	6.7	6.7	6.4	6.4	8.1	8.2	8.2	9.4	8.3	7.6	6.8	6.6	5.7	8.2	15.7	12.6	10.0
Ozark	Arkansas	22	1.0	1.0	0.9	2.7	2.6	2.3	2.2	2.2	2.2	2.2	2.1	2.4	2.2	2.2	2.4	2.4	2.7	2.7	2.5	2.3	2.2	2.6	3.1	2.9	2.7	2.4	2.2	2.2	2.1	2.4	2.5
Dardanelle	do	22	5.0	6.6	6.2	6.0	5.8	5.5	5.3	5.1	5.1	5.0	5.0	5.3	5.3	5.5	5.5	5.7	5.9	6.0	5.7	5.5	5.3	5.3	5.8	6.2	6.2	5.6	5.4	5.7	5.8	5.9	6.4
Morrilton	do	20	1.0	1.8	1.8	1.6	1.5	1.0	1.0	0.8	1.0	1.0	0.8	0.8	0.8	0.8	0.9	1.4	1.5	1.4	1.4	1.2	1.0	1.0	1.4	1.3	1.5	1.6	1.0	1.0	1.2	1.5	1.6
Little Rock	do	23	2.0	2.1	3.0	3.8	3.7	3.5	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.3	3.4	3.6	3.5	3.5	3.5	3.4	3.4	3.5	3.7	3.7	3.4	3.2	3.2	3.4	3.7
Pine Bluff	do	25	2.7	2.9	3.0	4.0	5.1	5.1	4.8	4.7	4.5	4.3	4.3	4.4	4.4	4.3	4.3	4.4	4.5	4.6	4.8	4.8	4.8	4.8	4.7	4.6	4.7	5.0	4.9	4.7	4.5	4.5	4.7
Gilbert	Buffalo	30	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.5	4.2	4.0
Black Rock	Black	14	1.5	1.4	1.5	1.6	1.5	1.6	1.6	1.5	1.5	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4
Heber Springs	Little Red	30	2.7	2.7	2.8	2.8	2.9	3.0	3.2	3.4	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.6	2.6	2.6	2.6	2.6
Ozark Beach Mo	White	30	0.4	1.2	0.8	0.6	0.4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	-0.2	-0.2	-0.2	-0.3	-0.2	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.4	-0.4	-0.4
Cotter	do	21	3.4	3.8	3.7	3.2	3.1	3.0	4.1	4.2	4.0	3.0	2.9	3.4	2.9	2.9	3.1	3.1	3.0	2.1	2.0	1.9	2.1	2.0	2.1	2.2	2.0	1.5	1.5	2.0	2.2	3.1	2.9
Calico Rock	do	18	2.2	2.1	2.1	2.3	1.9	1.9	1.9	1.9	1.8	1.9	1.7	1.9	1.7	1.6	1.6	1.6	1.6	1.6	0.8	1.4	1.5	1.4	1.3	1.2	1.2	0.5	0.8	1.5	1.5	2.3	2.0
Batesville	do	23	6.0	6.9	6.3	6.6	6.8	6.3	6.3	6.5	6.4	6.3	6.4	6.2	6.0	6.2	6.1	6.0	6.0	6.0	6.0	5.6	5.6	6.0	5.7	5.6	5.6	5.5	5.3	5.2	5.8	5.8	6.3
Newport	do	26	-0.1	0.0	1.4	1.4	1.3	1.4	1.2	1.0	1.1	1.2	1.0	1.1	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.3	0.0	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Georgetown	do	21	0.3	0.3	0.5	1.0	1.5	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5
Des Arc	do	24	2.8	2.8	2.9	3.2	3.6	4.0	4.2	4.3	4.3	4.2	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0
Clarendon	do	26	7.0	7.1	7.2	7.3	7.5	7.9	8.3	8.6	8.7	8.7	8.7	8.7	8.6	8.6	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.5	7.4
St. Charles	do	25	7.2	7.2	7.2	7.3	7.4	7.9	8.3	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.7	8.6	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.9	7.8	7.8	7.7
Glenwood	Caddo	..	5.9	6.4	6.2	6.1	6.0	5.9	5.9	5.9	5.9	5.9	6.2	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	6.9	6.0	6.0	6.0	6.0
Arkadelphia	Ouachita	17	6.2	5.7	5.8	6.4	6.1	6.2	6.7	7.0	6.4	5.3	6.0	6.1	7.1	7.5	7.5	6.4	5.5	6.8	6.2	7.0	6.8	7.0	7.2	5.8	7.1	7.1	7.2	7.2	7.5	7.4	6.1
Boughton	Little Mo	20	5.1	5.6	8.2	9.0	9.1	8.6	8.6	7.5	7.5	7.5	7.6	6.7	6.5	6.4	7.9	7.8	7.8	7.8	7.9	7.8	6.4	6.0	6.0	5.9	5.9	5.6	5.6	5.4	5.3	7.7	8.5
Camden	Ouachita	26	7.2	7.2	7.0	6.7	7.4	8.1	8.2	8.0	7.8	7.8	7.6	7.1	7.4	7.5	8.5	9.0	8.9	8.4	8.1	8.5	8.2	8.2	8.4	8.0	7.8	7.0	7.4	7.5	7.7	8.3	9.0
Benton	Saline	20	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	5.0	5.1	5.1	5.1	5.1
Index	Red	25	5.8	7.9	8.2	8.0	7.6	7.6	7.8	8.0	8.2	8.6	8.6	8.6	8.6	8.2	8.0	7.9	7.6	7.7	7.3	8.0	6.8	6.7	6.8	6.8	6.7	6.7	6.5	6.4	6.4	6.4	6.4
Fulton	do	25	9.1	9.9	10.3	10.3	10.3	10.4	10.3	10.3	11.0	11.4	11.4	11.3	11.0	11.0	11.1	11.1	11.0	10.7	10.1	9.7	9.3	9.2	9.0	8.8	8.7	8.4	8.2	8.2	8.2	8.6	9.1
Big Lake Outlet	St. Francis	10	3.3	3.4	3.6	3.5	3.5	3.4	3.4	3.4	3.5	3.5	3.3	3.3	3.0	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.1	3.0	3.0
St. Francis	do	18	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7
St. Francis L.L.	do	..	18.3	18.9	18.1	17.3	17.3	17.3	17.2	18.0	18.8	17.2	17.3	17.8	18.6	19.1	19.4	18.8	18.0	17.0	16.9	16.7	16.5	17.6	18.4	18.9	19.2	19.0	18.5	18.4	18.2	17.9	17.6
Marked Tree	do	17	1.0	0.8	4.8	5.0	4.0	3.7	3.7	1.7	0.8	5.0	5.0	2.5	1.0	0.9	0.8	4.9	5.0	5.1	3.7	3.1	3.7	1.3	0.9	0.8	0.8	3.5	3.8	3.8	3.7	3.7	3.7
Parkin	do	28	3.3	2.7	2.1	3.5	4.6	4.2	3.8	3.6	3.0	2.0	2.4	4.1	3.5	2.3	1.5	1.2	2.5	4.1	4.3	3.8	3.4	3.2	2.7	1.7	0.9	0.7	1.7	2.9	3.4	3.4	3.4
Madison	do	32	1.6	1.6	1.6	1.1	1.7	2.3	2.3	2.1	1.8	1.3	0.8	..	..	..	..	..	0.2	0.9	2.0	2.2	2.0	1.7	1.7	1.3	0.8	0.3	0.2	0.4	1.4	1.6	1.6
Helena	Mississippi	42	3.8	5.0	5.4	5.5	5.9	6.4	7.0	8.0	9.8	11.0	11.8	11.7	11.7	11.7	11.9	11.9	11.0	8.9	6.8	5.6	5.4	5.5	5.6	5.5	5.5	5.6	5.8	5.8	5.5	5.1	4.7
Arkansas City	do	42	0.6	1.5	2.5	2.8	2.9	3.0	3.5	4.2	5.2	6.3	7.3	7.0	8.1	8.2	8.2	8.4	8.6	8.4	6.7	4.8	4.3	3.7	3.5	3.5	3.4	3.5	3.6	3.6	3.7	3.5	3.3

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ^{1}Precipitation is for the 24-hour period, midnight to midnight. ^{2}Precipitation measured in morning; amount recorded is for the preceding 24 hours. ^{3}Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Spings, Olio; Devils Knob, Salus: Eagle Gap, Eagleton; Eleven Point, Route 1. Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLIX Little Rock, Ark., February, 1944 No. 2

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GENERAL SUMMARY

Temperatures averaged more than four degrees above normal during the month, and it was the warmest February in six years. The first decade was considerably warmer than normal, the following nine days were quite cold, while the remainder of the month was much warmer than normal. Most stations reported their highest temperatures of the month on the 24th. The lowest temperatures occurred between the 12th and 15th, and ranged from slightly above zero in the northern sections to the lower twenties in the southeastern counties.

Precipitation averaged 214% of normal, and it was the third wettest February of record. Rain occurred at frequent intervals, some stations reporting rain on 18 days. The heaviest rains occurred in the southern and eastern districts and the least in the northwestern section. At Crossett more rain fell in 24 hours than usually occurs in an entire month of February. Many stations measured from two to three inches of rain in 24 hours.

The weather was favorable for outside work during the first week of February, and farmers were plowing, preparing seed beds, and planting early gardens. However, frequent rains during the remainder of the month and freezing temperatures between the 11th and 16th caused considerable delay in spring farm operations. Winter grains and pastures made good progress. Some potatoes were planted. Spinach was being cut. Peach, pear, and plum trees were blooming at the end of the month.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 77 stations, was 48.2°, which is 4.5° above the 54-year average for February. The highest monthly mean temperature was 53.6° at El Dorado and Portland, and the lowest was 41.2° at Gilbert. The highest temperature recorded was 87° at Morrilton on the 24th; the lowest was 4° at Lead Hill on the 15th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 106 stations, was 7.34 inches, which is 3.91 inches above the 54-year average for February. The greatest monthly amount was 13.78 inches at Dermott, and the least was 4.23 inches at Fayetteville Experiment Station. The greatest amount reported in any 24 consecutive hours was 4.90 inches at Crossett on the 25th and 26th. The average snowfall for the State was 2.5 inches, which is 0.7 inch above normal. Amounts ranged from none in the extreme southern sections to 9.0 inches at Devils Knob.

B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:--3,5,10,11,17,25,28.
Sleet:--13,14.
Hail:--16,17,26.
Thunderstorms:--8.16,17,21,22,24,25,26,27,28.
Heavy Fog:--2,3,8,10,17,19,21,22,23,24,25,26,27,28.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.63	12	29.64	8	8.6	27	w.	10	78	62	63	40	512
Little Rock	30.62	12	29.64	8	9.0	27	sw.	5	88	69	74	54	472
Memphis ..	30.61	12	29.64	28	8.7	25	sw.	25	85	69	72	61	463

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.5	80	6	2.92	....	8	10	9	9
1892	49.0	78	18	3.47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	46.6	89	7	2.59	0.7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2.7	6	12	6	10
1900	39.7	74	− 5	5.06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	− 2	2.60	3.2	5	9	8	11
1903	41.0	79	−12	7.63	2.7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.3	82	−29	2.55	7.1	7	9	6	13
1906	41.8	75	− 7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2.77	0.5	6	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	6	9
1910	39.0	75	−13	3.66	5.9	7	11	6	11
1911	49.8	87	7	4.31	0.3	9	9	8	11
1912	37.9	78	− 7	2.80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	− 2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	43.4	89	− 4	1.93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3.34	2.5	8	13	4	11
1920	45.0	79	− 2	1.26	1.0	5	11	8	10
1921	48.3	85	− 3	3.59	9.8	6	15	5	8
1922	47.8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1.9	8	11	4	13
1924	42.9	82	− 7	2.26	0.4	7	12	4	13
1925	49.3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35.4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3.92	0.0	6	12	6	10
1931	48.2	75	14	4.77	T.	8	13	4	13
1932	52.0	86	9	4.72	T.	9	13	5	11
1933	41.5	82	−13	3.53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.44	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
1937	44.2	84	12	2.11	0.2	6	11	7	10
1938	50.9	87	8	6.08	0.1	7	9	7	12
1939	43.6	76	4	8.56	3.2	12	10	5	13
1940	41.9	88	10	3.31	3.2	10	7	5	17
1941	40.8	72	7	2.92	3.4	8	11	5	12
1942	41.2	81	− 2	2.97	1.4	8	9	7	12
1943	47.5	83	7	1.00	0.4	3	14	8	6
1944	48.2	87	4	7.34	2.5	12	8	7	14
Period	43.7	93	−29	3.43	1.8	7	11	6	11

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Climatological Data for February, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	48.8	......	77	24	13	13	7.68	......	1.55	27–28	T.	11	6	11	12	w.	L. R. Water Works
Arkadelphia	Clark	200	48	50.0	+ 4.5	83	24§	19	13	6.07	+2.23	1.30	8	0.0	12	8	13	8	nw.	George S Dews
Arkansas City	Desha	145	59	......	......	......	......	......	......	10.28	+5.94	1.91	9	0.0	18	5	2	22	......	John W. Trammell
Batesville Airway	Independence	363	7	47.0	+ 6.2	76	24	15	12	7.05	......	2.36	8	3.5	15	5	10	14	nw.	Airway Observer
Batesville Livestk.	Independence	....	3	44.1	......	75	22§	13	13	7.47	......	3.17	8	3.0	9	10	10	9	nw.	University of Arkansas
Batesville River	Independence	277	44	......	......	......	......	......	......	8.22	+4.81	2.90	8	3.0	14	12	6	11	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	46.6	+ 4.0	75	24	14	12	7.45	+4.33	1.45	27–28	2.5	9	7	12	10	e.	Miss Minnie Scanlan
Benton	Saline	285	8	45.8	......	77	24	15	12	5.46	......	1.28	16–17	1.0	14	13	9	7	ne.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	42.0	+ 2.0	79	24	10	14	5.33	+3.10	1.63	26–27	6.5	12	10	12	7	s.	E. L, Browne
Bethesda †	Independence	500	4	43.8	......	74	24	14	13	7.24	......	3.14	8	5.0	6	10	10	9	n.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	......	......	......	......	......	......	8.12	+4.66	2.60	8–9	T.	11	8	4	17	......	N. W. Douglas
Black Rock	Lawrence	259	42	......	......	......	......	......	......	6.18	+2.97	1.60	17	4.0	10	13	0	16	......	Vernon C. Howe
Bluff City	Nevada	....	3	52.2	......	78	24	19	12	8.48	......	1.38	25–26	0.0	16	8	6	15	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	44.8	+ 1.6	76	24§	11	12	8.43	+5.34	2.22	28	3.1	12	9	12	8	n.	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	48.4	+ 3.1	82	24	14	15	5.83	+3.21	1.54	27–28	3.0	12	9	8	12	e.	F. H. Randolph
Boughton †	Clark	235	8	......	......	......	......	......	......	5.33	......	1.25	27–28	....	11	10	0	19	......	Katie B. Moore
Brinkley	Monroe	205	52	49.0	+ 5.0	75	25	19	13	6.74	+2.64	2.26	8	0.0	18	3	7	19	s.	U. S. Weather Bureau
Calico Rock	Izard	361	39	......	......	......	......	......	......	6.97	+4.36	1.50	8	6.5	13	10	2	17	......	William Jones
Camden	Ouachita	116	58	52.4	+ 5.3	79	24§	19	12	10.47	+6.46	2.32	8–9	0.0	15	5	5	19	s.	J. M. Knight
Camp Robinson	Pulaski	463	3	47.3	......	78	24	14	13	4.72	......	1.96	7–8	...	18	3	20	6	se.	U. S. Army
Clarendon	Monroe	172	39	......	......	......	......	......	......	7.80	+3.79	1.81	8	T.	16	5	5	19	......	B. F. Northern
Conway	Faulkner	309	60	49.5	+ 5.0	83	24	17	13	9.93	+6.19	2.85	8	1.5	13	11	10	8	s.	E. E. Cordrey
Corning	Clay	293	50	46.5	+ 6.6	79	25	10	12	5.56	+2.12	1.98	28	6.0	10	11	7	11	n.	Robert B. Polk
Cotter	Baxter	440	16	......	......	......	......	......	......	6.38	+3.45	2.19	7–8	7.3	11	10	8	11	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	52.9	+ 5.6	77	24	19	12	11.44	+7.96	4.90	25–26	0.0	15	6	7	16	n.	U.S. Forest Service
Danville	Yell	327	27	......	......	......	......	......	......	7.23	+4.29	2.29	8	2.5	12	5	11	13	......	J. M. Patterson
Dardanelle	Yell	330	57	49.5	+ 4.9	81	24	20	12§	7.20	+4.07	1.98	8	....	13	5	11	13	e.	Geo. N. Goodier
DeQueen	Sevier	426	8	50.7	......	79	25	17	12	5.61	......	1.25	8	0.0	12	8	6	15	......	L. D. McCown
Des Arc	Prairie	204	5	49.0	......	75	24§	15	13	7.00	......	1.55	8–9	0.0	13	5	8	16	n.	Z. R. Glenn
Devils Knob †	Johnson	2250	7	43.0	......	71	24	6	12	6.38	......	1.50	7–8	9.0	13	12	1	16	n.	U.S. Forest Service
Dumas	Desha	162	38	51.8	+ 4.1	75	25	19	13§	8.29	+4.21	1.46	25–26	0.0	18	3	11	15	.	Ben Johnson
El Dorado	Union	270	43	53.6	+ 4.5	74	24	23	12	11.01	+6.85	2.51	25–26	0.0	17	7	6	16	w.	Mrs. E. W. Gaston
England	Lonoke	229	37	49.0	+ 2.5	79	24	15	13	5.99	+1.96	1.51	27–28	T.	8	2	21	6	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	43	44.8	+ 3.9	79	24	7	12	4.80	+2.17	1.67	27–28	7.5	8	10	10	9	sw.	Geo. W. Nicboalds
Fayetteville	Washington	1334	6	45.4	......	78	24	11	12	4.62	......	1.75	27–28	7.1	10	2	10	17	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	56	44.0	+ 3.7	77	24	9	12	4.23	+1.80	1.74	27–28	6.7	11	7	13	9	ne.	University of Arkansas
Fordyce	Dallas	280	3	51.8	......	79	24	20	13	9.19	......	1.70	16–17	0.0	13	8	17	4	se.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	47.4	+ 4.6	81	24	19	12	5.80	+3.16	1.68	27–28	4.3	14	6	5	18	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	......	......	......	......	......	......	4.33	......	1.28	27–28	4.0	10	9	11	9	......	Ft. Smith Water Plant
Fulton	Hempstead	260	58	......	......	......	......	......	......	8.34	+5.12	1.74	28–29	0.0	13	4	6	19	......	Ina J. Logan
Georgetown	White	200	31	......	......	......	......	......	......	7.80	+4.12	1.94	8	1.0	12	12	2	15	......	C. G. Long
Gilbert	Searcy	600	18	41.2	......	78	24§	5	15	6.54	+3.76	1.92	28	6.0	12	12	3	14	n.	F. E. King
Glenwood	Pike	547	8	......	......	......	......	......	......	6.25	......	1.26	16–17	....	11	4	0	25	......	Chas. A. Price
Grannis	Polk	950	24	49.6	+ 4.8	78	24	17	12	9.98	+5.92	2.85	7–8	T.	15	6	7	16	se.	W. E. McVay
Gravette	Benton	1250	46	44.0	+ 5.2	78	24	7	12	5.60	+3.45	1.61	28	7.0	9	10	7	12	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	45.6	......	75	24§	9	12	7.80	......	2.60	8	8.0	7	9	11	9	w.	U. S. Forest Service
Harrison	Boone	1052	43	44.2	+ 5.1	79	24	7	15	5.38	+2.76	2.35	8	6.0	5	9	11	9	nw.	J. M. McGaughey
Heber Springs(near)	Cleburne	272	14	......	......	......	......	......	......	7.14	+4.70	1.73	8	3.0	11	7	11	11	......	Lester B. Logan
Helena	Phillips	300	71	50.2	+ 5.5	74	25	16	13	6.36	+1.83	1.24	8	T.	18	5	4	20	ne.	James A. Burnett
Highland	Pike	491	24	50.7	+ 3.8	77	24	19	12	5.55	+1.71	1.50	19–20	0.0	9	6	11	12	ne.	Clyde Cooley
Hope 3 miles e ‡†	Hempstead	375	73	49.3	+ 2.1	78	24	19	12§	7.48	+3.42	1.52	25–26	T.	17	5	6	18	e.	University of Arkansas
Hot Springs	Garland	600	52	50.9	+ 4.3	79	24§	17	12§	7.09	+3.41	1.54	16–17	1.5	13	10	12	7	s.	National Park Service
Index †	Little River	275	26	......	......	......	......	......	......	8.35	+5.01	2.40	27–28	......	12	9	0	20	......	W. F. McDowell
Jessieville	Garland	750	17	......	......	......	......	......	......	5.18	+1.28	1.06	13–14	2.0	12	5	14	10	......	U. S. Forest Service
Jonesboro	Craighead	345	48	47.4	+ 4.8	75	24§	14	12	8.94	+5.21	3.03	8–9	2.8	14	7	6	16	sw.	Benedictine Sisters
Lead Hill	Boone	650	37	43.6	+ 5.3	79	24	4	15	5.63	+2.52	2.22	8	6.0	10	10	8	11	se.	J. H. Crosswhite
Little Rock	Pulaski	257	64	48.9	+ 4.0	77	24	20	13	5.98	+1.98	1.58	7–8	T.	16	4	11	14	n.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	47.0	+ 4.7	76	24§	15	12	7.04	+3.65	2.49	8	7.0	10	8	7	14	e.	Clarence Lenhardt
Madison	St. Francis	209	13	......	......	......	......	......	......	9.88	+5.55	4.85	8–9	T.	12	5	0	21	......	J. W. Eppes
Magnolia	Columbia	315	27	53.4	+ 2.7	80	24	20	12	12.11	+8.17	1.91	16	0.0	16	9	4	16	ne.	State Agri School
Mammoth Spring	Fulton	600	39	45.4	+ 5.3	76	24	8	15	6.06	+3.38	1.73	25	6.4	13	8	14	7	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	32	49.0	+ 3.6	75	25	19	13	7.54	+3.71	2.45	8	0.0	12	7	5	17	n.	University of Arkansas
Marked Tree	Poinsett	229	39	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Charles Walton
Marshall	Searcy	1050	..	46.8	+ 4.0	75	24	11	12	7.04	+4.62	2.54	8	7.0	11	7	13	9	se.	W. F. Reeves
Mena	Polk	1207	55	49.2	+ 5.1	80	24	17	12	8.40	+5.08	1.83	7–8	1.2	12	7	8	14	ne.	E. W. St. John
Monticello	Drew	273	3	52.0	......	79	24	21	13	10.77	......	2.01	25	0.0	19	5	9	15	se.	Airway Observer
Morrilton †	Conway	315	27	48.9	+ 4.4	87	24	20	13	8.74	+5.66	2.04	16–17	2.0	12	7	9	13	nw.	Mrs Nova A. Berry
Mountainburg	Crawford	712	6	......	......	......	......	......	......	4.65	......	1.43	27–28	5.0	9	12	5	12	n,	C. A. Lovell
Mountain Home †	Baxter	800	31	46.2	+ 4.9	81	24	9	12	5.83	+3.30	1.55	27–28	7.5	8	9	4	16	w.	H. N. Halbert
Mountain Valley	Garland	788	6	......	......	......	......	......	......	6.38	......	1.65	8	0.0	8	6	9	14	w.	C. A. Cockman
Mount Ida	Montgomery	702	44	49.0[b]	+ 4.4	79	24	18[c]	12	9.07	+5.16	1.98	16–17	1.0	13	6	9	14	e.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	......	......	......	......	......	......	6.54	......	1.95	28	6.0	10	11	1	17	......	H. G Arvin
Nashville	Howard	350	5	52.4	......	80	24	19	12	5.56	......	1.46	7	0.0	13	11	5	13	e.	Carter Day
Newport	Jackson	231	60	49.0	+ 6.5	77	24	17	12	7.16	+3.64	2.53	16–17	1.0	14	13	5	11	s.	W. T. Moyer
Nimrod Dam	Perry	475	2	48.1	......	78	24	19	13§	7.67	......	2.06	8	2.0	12	8	7	14	w.	U. S. Engineers
Oden	Montgomery	800	16	......	......	......	......	......	......	7.19	+3.59	2.02	17	1.0	10	9	11	9	se.	U. S. Forest Service
Okay	Howard	288	15	52.3	+ 3.5	79	24	20	12	7.02	+3.17	1.86	27–28	0.0	14	9	8	12	e.	Charles R. Jackson
Osceola	Mississippi	250	43	......	......	......	......	......	......	9.49	+6.07	3.37	7–8	1.5	17	6	13	10	......	G. H. Banks
Ozark	Franklin	396	48	47.4	+ 4.0	77	24§	14	15	6.00	+3.25	1.50	27–28	5.0	14	4	10	15	e.	Orkney O. Milton
Paragould	Greene	275	20	46.6	......	74	25	13	12	8.39	+4.61	2.14	28	4.0	14	11	11	7	sw.	J. E. Garrett
Parkin	Cross	222	13	......	......	......	......	......	......	10.27	+6.37	3.90	8	...	10	8	8	18	......	Carroll King
Perryville	Perry	325	4	48.2	+ 3.8	80	24	18	13	6.83	+3.41	2.00	16–17	3.0	10	11	13	5	sw.	Lillie Cranford
Pine Bluff	Jefferson	215	56	52.0	+ 5.7	79	24	20	13	6.83	+2.72	1.24	19–20	0.0	17	9	6	14	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	19	......	......	......	......	......	......	7.84	+4.12	2.06	8–9	1.5	11	1	9	19	sw.	J. R. Huddleston
Pocahontas	Randolph	300	50	46.7	+ 6.1	76	24	11	12	5.78	+2.48	2.05	28	6.0	8	9	2	18	s.	Benedictine Sisters
Portland	Ashley	122	37	53.6	+ 4.4	77	24	22	13	9.78	+5.60	2.05	2	......	12	8	7	14	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	52.8	+ 5.1	78	24	21	12	6.78	+2.99	1.25	8	T.	15	9	8	12	sw.	W. R. Hambright
Rogers	Benton	1300	53	44.2	+ 4.7	80	24	8	12	5.47	+3.45	1.93	28	7.7	11	8	10	11	se.	Howard Fowler
Rosebud	Faulkner	680	9	......	......	......	......	......	......	9.40	......	2.92	8–9	T	9	8	10	11	sw,	G. A. Maddox
Russellville ‡†	Pope	526	31	49.2	+ 8.1	80	24	19	15	7.33	+4.02	1.93	7–8	......	12	11	8	10	w.	U.S. Forest Service
St. Charles	Arkansas	175	10	48.8	......	75	25	18	13	6.04	......	1.17	8	0.0	17	5	7	17	s.	U. S. Biological Survey
St. Francis	Clay	290	16	......	......	......	......	......	......	6.06	+1.76	2.02	27–28	3.0	12	13	0	16	......	W. S. Buckley
Searcy	White	245	33	48.8	+ 4.2	77	24	18	13	8.60	+5.20	2.94	8	0.0	12	8	7	14	se.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	50.2	......	78	24	16	12	6.18	......	1.46	27–28	0.0	14	6	12	11	sw,	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	44.5	......	77	24	11	12	5.31	......	2.03	27–28	5.0	11	7	16	6	s.	John Brown University
Springbank †	Miller	240	34	......	......	......	......	......	......	9.95	+6.30	1.69	8–9	......	16	5	0	24	......	Henry Field
Story	Montgomery	650	19	......	......	......	......	......	......	5.44	+2.02	1.71	8	2.0	6	10	5	14	s.	S. C. Story
Stuttgart	Arkansas	214	56	50.8	+ 5.9	77	23	19	13	7.31	+3.23	1.52	19	0.0	13	8	11	10	n.	Mrs. B. E. Swim
Stuttgart 9 miles e ‡†	Arkansas	198	8	48.2[a]	......	74[a]	24§	19	13	8.35	......	1.34	8	0.0	17	......	......	......	......	University of Arkansa
Subiaco	Logan	750	45	47.8	+ 4.1	80	24	18	15	6.69	+3.79	2.25	7–8	3.0	10	13	4	12	s.	New Subiaco Abbey

Climatological Data for February, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	59	51.8	+ 3.2	78	24	23	12	8.19	+4.92	1.78	8	0.0	17	6	4	19	sw.	U S. Weather Bureau
Turnpike †	Pope	2240	19	43.7	......	74	24	6	12	7.30	+3.95	2.49	7–8	7.5	11	10	4	15	sw.	U. S. Forest Service
Waldron	Scott	675	24	48.2	......	81	24	16	15	6.47	+3.03	1.68	27–28	T.	11	6	7	16	nw.	William D. Bivens
Warren	Bradley	206	49	53.0	+ 5.6	79	24	20	13	10.89	+6.55	2.85	8–9	0.0	16	5	5	19	nw.	C. N. Turner
Whitecliffs	Little River	290	37	....	......	......	......	......	......	7.14	+3.77	1.05	2	0.0	11	4	3	22	......	L. M. Snead
White Rock †	Franklin	2285	7	43.4	......	73	24	5	12	5.73	......	1.81	27–28	5.0	12	10	9	10	se.	U. S. Forest Service
Wilson	Mississippi	237	18	48.4	+ 4.9	73	24	14	13	10.43	+7.25	3.10	16	T.	10	8	1	20	sw.	D. O. Anderson
Wynne	Cross	167	35	48.6	+ 4.3	76	24†	14	13	9.77	+6.03	3.20	16–17	0.0	10	14	4	11	n.	C. B. Bailey
State Means		...	..	48.2	+ 4.5	87	24	4	15	7.34	+3.91	4.90	25–26	2.5	12	8	7	14	s.	

Daily Precipitation for February, 1944

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			Total
Abbott [2]	Arkansas				.23				.44	.75					2.00									.05					1.50				4.97
Alum Fork Reser.	Arkansas		.18					T.	1.39	1.12	T.	T.			.97			1.89			.57	.02					.36	.04	1.55	.09			7.68
Aplin [2]	Arkansas		.14						1.08	1.78					.78			1.80			.15		.27				.45		1.65	.11			8.21
Arkadelphia [2]	Ouachita		T.	.30					.12	1.30					1.12			.32	.20		.67		T.	.30			.40	.30	.62	.42			6.07
Arkansas City [2]	Mississippi		.08	.23			T.		.09	1.91					.93			.59	.09	.10	.18	.09	.06	.84	.41	1.19	.86	1.63	.79	.21			10.28
Augusta [2]	White		.07				.09		1.82	2.74					.85			1.75	.58	T.	.37		.04	T			T.		1.10	.32			9.73
Batesville Air'y [1]	White	.03	.01	.02		.08			2.36					.17	.35		.33	.81		.01	.15	.73				.28		.39	1 28				7.05
Batesville Livestk [2]	White		.13				T.		.86	2.31					.70			.94				.35	.29			T	T.		1.32	.57			7.47
Batesville River [2]	White		.14			.13			.62	2.90		.04			.46	T.		1.15			.28	.05	.41			.25	.04		.70	1.05			8.22
Beaty Lake	St. Francis		.11				.29		2.48	1.55					.83		T.	1.96	T.		.95	.02	.03		T.	.02	.46	T	.90				9.60
Bee Branch	Arkansas		.15						*	2.80					.80			1.20			.20		.65			.20			1.45				7.45
Beech Grove	White								1.55	T.					.80			1.20					.75			.15			1.95				6.40
Beedeville [2]	White		.06				.09		.64	3.47					.74			2.50	.36		.28		.08	.08	.02	.02			.52	.88			9.74
Benton [2]	Saline		.09				08		.39	.98					.55			1.20	.08	.03	.47		.04				.09	.12	.91	.43			5.46
Bentonville [2]	Arkansas		.25	.06					*	1.37		T.		.75				.16			.22		.09			.30	13	1.63		.37			5.33
Bethesda [2]	White		.12						*	3.14					.50			.91				.69							1.88				7.24
Big Lake Outlet [2]	St. Francis		04	T.			.03		.40	2.60			T.		.50			1 87	.20	T.	.29		.10			T	T.	T.	.63	1.46			8.12
Black Rock [2]	White		.05						.28	1.15					.40			1.60				T.	.53			.13	.03		.88	1.13			6.18
Bluff City	Ouachita		.63	.26				.08	.80	.42				.04	1.03		.34	.40		.20	.93		.65		.07	.14	1.24		1.25				8.48
Blytheville [2]	St Francis		T.			.12		.88	1.94	.52					.53			.67	1.34			.02	.18			.01			.59	1.63			8.43
Booneville 3 mi- w	Arkansas		.20				.01		1.50			T		.08	1 00			.88			.14	.07	.04			.18	.19	T.	1.54				5.83
Booneville [2]	Arkansas		.17				.03			.39	1.08				.92			1.00			.03	.11	.04		.11	.31			*	1.59			5.78
Boughton [2]	Ouachita		.37	.09					.31						1.01			.50		.50			.18				.43	.52	1.25	.17			5.33
Brinkley [1]	White	.02	.02			.12	.02	.09	2.26	T.				.14	.68		.25	1.18	T.	.23	.44	.01	.02		T.	.26	.07	.15	.78				6.74
Burdette	Mississippi		.04	.02				.25	1.94	1.54		T.			.51			2.90			.40		.12			.20	.07		2.46				10.45
Calico Rock [2]	White		.05						1.15	1.50					.67			.60	.03		.05	.04	.18			.70	.10		1.30	.60			6.97
Camden [2]	Ouachita		.38	.43					.07	2.26					.83			.92	.11	.04	1.02			.95	.76		.86	.38	1.10	.36			10.47
Camp Robinson [1]	Arkansas	.13	.07			.04	.09	.05	1.91					.17	.80		.40	.15		.22	.31	.01	.04			.01	.02	.21	.09	T			4.72
Carlisle [2]	Arkansas		.08	.04			.10		.40	1.08					.89			1.61	.17		.71		.07	T.			.08	.10	.56	.44			6.33
Clarendon [2]	White		.01	.10			.11		.29	1.81					.88			.30	.45		.95		.02	.40		.02	1.19	.40	.36	.51			7.80
Cold Springs [2]	Ouachita		.24			T.			*	1.84					1.10			1.61			.20	.05				.11	.57		*	2.00			7.72
Conway	Arkansas		.11				.13		2.85	.57					.98		.05	2.38			.26		.11			.34		.13	1.98	.04			9.93
Corning [2]	White		.05						.10	1.00	T.				.80			.85	.08				.50			.20	T.		1.05	.93			5.56
Cotter [2]	White		.10	T.					1.22	.97					.82			.62			.11	T.	.24			.42	.13		1.22	.53			6.38
Crossett	Ouachita		1.15	.45					.29	.89					.83		.10	.09		T.	.05		.72	.50	.82	.35	4.90	.08	.22				11.44
Crystal Valley [2]	Arkansas		T.				.54		.34	1.40	T.				1.04			1.26	.08		.99		T				.13		.96	.07			6.81
Danville [2]	Arkansas		.03				.03		.15	2.14					1.05			1.61			.21	.03	.27	T.			.37		1.02	.32			7.23
Dardanelle [2]	Arkansas		.11						.27	1.98					1.10			1.52			.14	.02	.30	.02		.06	.31		1.22	.15			7.20
Denmark [2]	White		.11				.05		.85	2.34					.63			2.38			.33		.17			.01	.01		.88	.68			8.44
De Queen	Red		.51						1.25					.15	1.04		.05	.40		T.	.44	.33	.05		T.		.13	.15	1.11				5.61
Dermott [2]	Mississippi		.10	2 17					.08	1.40					.90			.52	.10		.38	.09	.04	.85	.73	2.05	.43	2.68	1.16	.10			13.78
Des Arc [2]	White		.10	T.			.11		.84	1.55					.64			1.45	.23	T.	.75		.10				.11	.05	.61	.46			7.00
Devils Knob	Arkansas		.18	.01					1.50	.06	.01			T.	.68			.95			.16	.10	.22			.46	.61		1.44				6.38
Dumas	Mississippi		1.09	.20			.07	.06	.65	1.15					.76		.60	.19		.12		.04	.45	.02	.43	.18	1.46	69	.13				8.29
Eagle Gap [2]	Arkansas		.17				T.		.90	.81	T.		T.		1.50			1.50			.15		.25			.05	.55		2.55	T.			8.43
El Dorado [2]	Ouachita	.12	.75	1.21			.03		.05	2.03				.80				1.06	.07	.09				1.54	.33	.08	1.01	1.50	.32	.02			11.01
Eleven Point	White		T.			T.			1.39	.13		T.			.48		.02	.73			.12	.05	.33			.46			2.20				5.91
England	Arkansas		05						.70						1.50		T.	.70			.80					T.	.73	.09	1.42				5.99
Eureka Springs	White		.16						1.50			.03			.65						.34		.15			.30			1.67				4.80
Evening Shade [2]	White		.06				.01		.53	1.52			T.		.67	T.		.75	.05		.06	T.	.30			.16	.06		1.15	1.14			6.46
Fayetteville	White	T.	.19						.92			T	T.	.07	.74		T.	.36	T		.10	T	.14			.34		.01	1.75	T			4.62
Fayetteville Exp. S	White		.20						.93	T.		T.		.04	.68		T	.25			.06	.02	.04			.24	.03		1.74				4.23
Fordyce	Arkansas			.73				*	1.69						.89			1.70		.05	1.23	.03	.67		.03	.43	.42	.43	.89				9.19
Forester [2]	Arkansas						T.		1.44	.86					.04			2.60			.09				T.		.66		1.72	.07			7.48
Fort Smith [1]‡	Arkansas	.11	.02			T.		T	1.61		T.	T.		.58	.39		.05	.39	T	.06	.08	T	.01		.01	.81		.63	1.05				5.80
Fort Smith W. [1]	Arkansas	.09	.04						.78					.76	.04		T.	.42		T.	.11	T.	T.			.81		.23	1.05				4.33
Fulton [2]	Red		.73	.24			T.		.05	1.22					1.20			.46		.03	.70		T.	.05	T	T.	1.20	.72	1.62	.12			8.34
Georgetown [2]	White		.05				.22		.70	1.94		T.			.80			.99	.64		.70		.15			.07			.77	.77			7.80
Gilbert [2]	White		.11						.85	1.07					.55			.57			.07	.02	.16			1.05	.17		1.50	.42			6.54
Glenwood [2]	Ouachita		.09	.03					57	.95					1.21			1.26		.04	.55		.26						1.19	10			6.25
Grannis	Red	T.	.41	.03		T.		T.	2.85		.03	T.		.17	.87		.05	1.63		T	.24	.35	.73			.83	.06	.16	1.57				9.98
Gravelly [2]	Arkansas		.21						1.06	.92					.85			1.35									.64		1.32	.06			6.41
Gravette	Arkansas		.25						1.25					.29	.77			.15			.22		.30			76			1.61				5.60
Green Forest	White		.11						2.08					.65			T.	.37			.47	.03				.16	.02		2.07				5.96
Green Mountain	White		T						*	2.60					1.40			.70			T.		.40			.80			1.90				7.80
Greenwood [2]	Arkansas		.04						.50	.76					.95			.70					.35			.31	.28		1.44				5.33
Harrisburg [2]	St. Francis		.07						*	3.60				.59	.05	2.63	1.06				.22		.30						.35	.95			9.82
Harrison	White		.11						2.35			T.			.65								T			.58			1.69				5.38
Heber Springs [2]	White		.09						.81	1.73					.70			1.47			.19	.08	.42				.15		.90	.60			7.14
Helena [2]	Mississippi			.12			21		.38	1.24					.53			.60	.28	.03	1.15	.05	.02	.30	.03	.10	.81	.27	.16	.08			6.36
Henderson [2]	White		.08						.48	.83					.60			.68				.04	.30			.40	.39		.98	.68			5.46
Highland	Ouachita		.40		.10				.95									.80			1.50	.15					.45	.20	1.00				5.55
Hollis	Arkansas		.15						1.54	.66					.78			1.53			.18						.44		2.28	.08			7.64
Hope [2]	Red		.67	.22			T.		.09	1.34			T.		1.10			.47	.02	.04	.73		.02	.15	.02	.03	.86	.66	.99	.07			7.48
Hot Springs	Ouachita		.25				.05		1.28	.53				T	1.02		T	1.54		T.	.65	.03	.09			T.	.18	.12	1.30	.05			7.09
Huttig [2]	Ouachita		T	1.35					T	.94					.88			.22		.14	.06		T.	1.30	1.35	.04	1 66	3.10	.06	.10			11.20
Index [2]	Red		.86	.24					.20	1.20					1.00			.40	T.		.65			.05			.95	.35	2.40	.05			8.35
Jessieville	Ouachita		.28				.09		.99	.89					1.06			.45			.55	.21				.21	.10	.10	.25	T.			5.18
Jonesboro [2]	White		.08				.08		.49	3.03		.15			.65			1.69	.16		.13		.67			.12	.03		.49	1.17			8.94
LaCrosse [2]	White				T.				1.20	1.36					.72			.09				.05	.54			.27			2.05	.29			6.57
Lake City [2]	St. Francis					T.				.58					.50			.77				.58				.05	T.			.91			3.39
Lead Hill	White		.12						2.22	.01		T.		T	.50		T.	.40			.04	.01	.08			.34			1.91				5.63

Daily Precipitation for February, 1944 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Little Rock[1‡]	Arkansas	.16	.01	....	....	.08	T.	.18	1.50	....	....	....	....	.22	.66	....	89	.43	T.	.36	29	.07	.02	....	..	T.	.08	.21	.82	....			5.98
Lutherville	Arkansas	....	.14	T.	....	....	....	....	2.49	.09	....	....	....	*	.26	....	T.	.83	....	....	....	T.	.10	....	....	.67	....	.23	2.23	....			7.04
Madison[2]	St. Francis	....	T	.08	....	....	.10	....	1.45	3.40	....	....	....	....	.82	T.	....	.85	.75	....	.95	....	T.	T.	....	....	.30	.18	.68	.32			9.88
Magnolia	Red	....	.40	1.42	....	.02	....	1.00	1.61	.39	....	....	....	.05	....	....	1.91	.17	....	....	66	....	1.27	....	.73	.21	1.11	.72	.44	....			12.11
Mammoth Spg[2]	White	....	.04	....	....	....	....	....	.04	1.25	....	T.	....	....	.60	.08	....	.28	.40	....	.03	....	.18	....	....	1.69	.04	....	.34	1.09			6.06
Marianna[2]	St. Francis	....	....	....	....	....	.25	....	*	2.45	....	....	....	....	.68	....	....	.63	.25	....	1.20	....	....	.48	....	....	.65	.25	.35	.35			7.54
Marked Tree[2]	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....			.....
Marshall	White	....	.14	....	....	T.	.02	....	2.54	T.	T.	T.	....	....	.96	....	T.	.58	....	....	.05	.03	.22	....	....	.63	.18	....	1.69	....			7.04
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....			.....
Mena[2]	Ouachita	....	.18	.07	....	....	....	....	1.10	.73	T.	....	T.	....	1.28	....	....	1.56	T.	....	.12	....	.30	....	....	.08	1.56	....	1.46	.01			8.40
Monticello[1‡]	Ouachita	T.	1.04	.82	....	.02	....	.09	1.97	....	....	....	.11	....	.77	....	.67	.22	....	.27	.03	.03	1.15	.23	.55	2.01	.42	.30	.07	....			10.77
Morobay[2]	Ouachita	....	.28	1.53	....	....	T.	....	.02	2.23	....	....	....	....	.80	....	....	1.16	.06	.06	.36	....	....	.83	.17	.07	1.31	.90	.15	....			9.93
Morrilton[2]	Arkansas	....	.05	....	....	....	.15	....	1.50	1.63	....	....	....	....	.60	....	....	2.00	.01	....	.15	T	.42	....	....	....	.30	....	1.80	.10			8.74
Mountainburg	Arkansas	....	.15	....	....	....	....	*	.81	....	....	....	....	T	.83	....	T.	.42	....	....	.13	....	.04	....	....	.84	....	T	1.43	T.			4.65
Mountain Home	White	....	.10	....	....	....		....	1.50	T	....	T.	....	....	.70	....	....	.60	....	....	....	.10	.43	....	....	.85	....	....	1.55	....			5.83
Mountain Valley	Ouachita	....	.18	....	....	....		....	1.65	.31	....	....	....	....	1.06	....	....	1.25	....	....	.37	....	.15	....	....	....	....	....	1.41	.			6.38
Mountain View[2]	White	....	.07	....	....	....		....	*	3.46	....	....	....	....	.25	....	....	1.20	....	....	....	.12	.18	....	....	.06	.20	....	*	2.60			8.14
Mount Ida	Ouachita	....	.17	....	....	....	....	.60	1.48	.10	....	....	....	....	.92	....	.70	1.28	....	....	....	.40	.94	....	....	.60	.40	.15	1.33	....			9.07
Mulberry[2]	Arkansas	....	.15	....	....	....	....	....	.38	.72	....	....	T.	....	1.10	....	..	.58	....	....	.14	....	.20	....	....	.52	.80	....	1.95	....			6.54
Nashville	Red	....	.43	....	....	....	T.	.16	1.30	....	....	....	....	.01	1.08	....	.01	.50	....	....	.45	.03	.05	....	....	....	.33	.28	.93	....			5.56
Newhope[2]	Ouachita	....	10	.20	....	....	....	....	....	1.70	....	....	....	....	1.12	....	....	.87	....	....	.87	....	....	....	....	....	.20	....	1.45	....			6.51
Newport[2]	White	....	.11	.02	....	....	.10	....	.47	1.30	....	T.	....	....	.03	....	....	2.27	.26	....	.28	....	.32	....	....	.02	.01	....	.93	1.04			7.16
Nimrod Dam	Arkansas	....	.15	....	....	....	....	....	2.06	.39	....	....	....	....	.89	....	.06	1.83	....	....	.18	.01	.26	....	....	....	.54	.05	1.25	....			7.67
Odell[2]	Arkansas	....	.16	....	....	....	....	....	.56	.21	....	....	....	....	.75	....	....	.48	....	....	.12	.04	.17	....	....	.14	.22	....	1.46	.07			4.38
Oden	Ouachita	....	.15	....	....	.05	....	1.15	.72	....	T.	....	....	....	.10	....	....	2.02	....	....	....	.10	.45	....	....	....	.80	1.65	T.	....			7.19
Okay	Red	....	.57	....	....	....	.12	03	.83	.50	....	....	....	.10	1.00	....	....	.30	....	T	.81	....	.18	....	....	.16	.56	.61	1.25	....			7.02
Osceola[2]	Mississippi	.03	....	.02	....	....	.27	.29	3.08	....	....	T.	T.	....	.51	T.	....	2.87	.48	.02	.35	....	.05	.04	....	.20	.09	.01	.48	.70			9.49
Ozark[3]	Arkansas	....	.21	.02	....	....	T.	....	.54	1.31	T.	T	....	....	.99	.04	....	.66	T	....	.15	.05	.10	.02	....	.36	....	....	1.50	.05			6.00
Paragould	St. Francis	....	07	T.	....	....	.06	....	1.48	.61	....	.08	....	....	61	....	....	1.63	.02	....	.17	.14	.94	....	T	.42	.02	....	2.14	....			8.39
Parkin[2]	St. Francis	....	....	....	....	....	.19	....	.80	3.10	....	....	....	....	.75	....	....	2.30	.64	....	.72	....	..	....	....	....	.24	....	.70	.83			10.27
Perryville	Arkansas	....	.20	....	....	....	....	....	*	2.00	....	....	....	....	.40	....	*	2.00	....	....	.15	....	....	....	T.	.51	....	*	1.57	....			6.83
Pine Bluff[2]	Arkansas	....	.03	.25	....	....	.05	....	.14	.68	....	....	....	....	.88	....	....	.87	.21	.02	1.24	....	.06	.57	.37	....	.40	.39	.40	.27			6.83
Pine Ridge[2]	Ouachita	....	.19	....	....	....	....	....	1.33	.73	T.	T.	....	....	.85	....	....	1.36	....	.11	....	....	.64	....	....	.06	.74	....	1.76	.07			7.84
Pocahontas	White	....	....	....	....	....	....	....	1.07	.34	....	....	....	....	.72	....	....	.94	....	....	....	.08	.43	....	....	.15	....	....	2.05	....			5.78
Portland[2]	Ouachita	....	.05	2.00	....	....	....	....	....	1.35	....	....	....	....	.90	....	....	.30	.05	....	T	....	T	1.40	.60	....	.68	2.00	.20	.25			9.78
Prescott[2]	Ouachita	....	.57	.17	....	....	....	....	.28	1.25	....	....	....	....	1.09	....	....	.38	06	.01	.50	....	.01	.03	....	T.	.84	.49	.90	.20			6.78
Red Star	White	....	.12	....	....	....	....	....	1.02	....	.03	....	....	....	.70	....	.01	.43	....	....	....	.10	.30	....	....	1.30	.53	....	1.83	.02			6.39
Rogers	White	....	.29	....	....	....	....	....	1.89	....	....	.02	....	.10	.66	....	.02	.18	....	....	.15	.04	....	....	....	.19	....	....	1.93	....			5.47
Rosebud	Arkansas	....	.14	....	....	....	.07	....	....	2.92	....	....	....	....	.76	....	....	2.76	....	....	.36	....	.46	....	....	....	.17	....	1.76	....			9.40
Russellville	Arkansas	....	.19	....	....	....	....	....	1.93	.26	....	....	....	T.	1.14	....	.03	1.33	....	....	.20	.01	.20	....	....	.02	.25	....	1.77	..			7.33
St. Charles[2]	White	....	....	.15	....	....	.10	....	.22	1.17	....	....	....	....	.71	....	....	.57	.17	.07	1.12	....	.07	.30	.10	.10	.36	.17	.42	.24			6.04
St. Francis[2]	St. Francis	....	.07	....	....	....	....	....	....	1.02	....	.26	....	....	.58	....	....	.85	.22	....	.12	....	.50	....	....	.30	.12	....	.72	1.30			6.06
Searcy[2]	White	....	.07	....	....	....	.12	....	.49	2.94	....	....	....	....	.82	....	....	2.25	.11	....	.22	....	.07	T.	....	....	.08	....	.47	.96			8.60
Sheridan	Ouachita	....	.13	....	....	....	.07	.04	.80	.76	....	....	....	....	.90	....	....	.82	....	....	.83	.03	.11	....	.06	....	.17	.45	1.01	....			6.18
Shirley[2]	White	....	.10	....	....	....	....	....	.80	1.94	....	....	....	....	.75	....	....	.99	....	....	.15	.07	.70	....	....	T	.10	....	1.65	.12			7.37
Siloam Springs	White	....	.25	.01	....	....	....	....	1.87	....	T.	T	....	.09	.52	....	T.	.15	....	....	.09	T.	.20	....	....	.10	T.	.03	2.00	....			5.31
Sparkman	Ouachita	....	.56	.02	....	....	....	....	.73	.29	....	....	....	....	1.03	....	.08	.62	....	.08	.82	....	.79	....	.09	....	1.56	*	1.09	....			7.76
Springbank[2]	Red	....	.60	1.00	....	....	T.	.02	.02	1.69	....	T	....	....	1.10	....	....	1.13	T.	.10	.48	....	T.	1.02	.70	.04	1.10	.20	.63	.12			9.95
Stamps	Red	....	1.01	.90	....	T.	....	T.	1.60	....	T.	T	....	1.51	....	....	1.53	..	....	1.50	....	....	2.00	.30	T	1.69	.31	.83	.33	....			13.51
Stephens[2]	Ouachita	....	.80	.25	....	....	....	....	1.50	....	....	....	....	....	.83	....	....	1.15	....	.28	1.10	....	1.40	.60	....	....	.30	1.30	1.40	....			10.91
Steve[2]	Arkansas	....	....	....	....	....	....	....	1.20	1.02	....	....	....	....	.81	....	....	1.80	....	....	....	....	.70	....	....	....	.62	....	1.40	....			7.55
Story[2]	Ouachita	....	.17	T	....	....	....	....	T.	1.71	....	....	....	....	.73	....	....	....	....	....	....	....	.86	....	....	....	.59	....	1.38	....			5.44
Stuttgart[2]	Arkansas	....	.18	.13	....	....	....	....	.43	1.04	....	....	....	....	....	....	....	.54	.27	....	1.52	....	.03	.78	....	....	1.41	.35	33	.30			7.31
Stuttgart Evap[2]	Arkansas	....	....	.26	....	.03	.13	....	28	1.34	....	....	....	....	.76	....	....	.74	.27	....	1.31	....	.07	.50	.06	.69	.92	.25	.42	.32			8.35
Subiaco	Arkansas	....	.22	....	....	....	....	T	2.25	....	....	....	....	....	.96	....	....	.80	....	.15	....	.14	.27	....	....	.20	.40	....	1.30	....			6.69
Sugar Grove[2]	Arkansas	....	.20	....	....	....	T.	....	.70	1.14	....	....	....	....	.85	....	....	1 00	....	....	.23	.03	.07	....	....	.15	.30	....	1.95	....			6.62
Texarkana[1]	Red	.18	.44	.16	....	T.	....	.04	1.73	....	T.	....	....	.79	.12	....	.30	.10	.13	.75	.25	T	.29	T.	T.	.47	.95	.69	75	..			8.19
Turnpike	Arkansas	....	.18	....	....	....	.04	....	2.49	....	....	T.	....	T.	.97	....	.01	.70	....	....	.14	.05	.34	....	....	.65	....	T	1.73	....			7.30
Viola[2]	White	....	....	....	....	....	....	....	.08	1.20	....	....	....	....	.80	....	....	85	....	....	....	....	.15	....	....	1.17	.07	....	1.00	.45			5.77
Waldron[2]	Arkansas	....	.20	....	....	....	....	....	1.45	.01	....	....	....	T.	1.10	....	....	1.32	T.	....	.10	.03	....	....	....	.45	.09	.04	1.68	T.			6.47
Walnut Grove	White	....	T.	....	....	....	....	....	3.10	.54	T.	....	....	....	.77	....	T.	1.07	....	....	.67	.74	.27	....	....	.09	.04	....	1.52	....			8.81
Warren	Ouachita	....	1.10	.40	....	....	....	.02	.30	2.55	....	....	....	....	.85	....	.60	.20	....	....	.50	T.	1.29	.02	.68	.30	1.67	.38	.03	....			10.89
Whitecliffs[2]	Red	....	1.05	.55	....	....	....	....	.40	.93	....	....	....	....	1.00	....	....	.58	....	....	.76	T	.15	....	....	T	.48	.42	.82	..			7.14
White Rock	Arkansas	..	.22	....	....	T.	....	....	1.11	.02	....	.02	....	.10	.68	....	....	.51	....	....	.15	.17	.18	....	....	.76	....	....	1.81	....			5.73
Wilson[2]	Mississippi	....	....	....	....	....	.50	.90	1.90	1.13	....	....	....	....	.67	....	3.10	....	....	....	.63	....	.15	....	....	.10	....	....	....	1.35			10.43
Wynne[2]	St. Francis	....	T.	T.	..	....	.02	....	*	3.61	....	....	....	....	.60	....	.08	3.29	T.	....	.76	T	.04	....	....	....	.33	....	1.13	....			9.77

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for February, 1944

(See precipitation data in table on preceding page)

Station	Data	Day of month																													Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Bethesda §§	Evap. Mean tem. Wind move	.... 42 98	.... 41 57	.... 54 66	.... 50 130	.... 45 168	.... 46 202	.... 51 67	.... 46 64	.... 46 128	.... 48 109	 32 207	.... 22 178	.... 23 82	.... 26 106	.... 32 80	.... 34 48	.... 38 38	.... 35 138	.... 32 78	.... 42 15	.... 50 73	.... 58 140	.... 53 105	.... 58 76	.... 64 115	.... 64 192	.... 50 139	.... 44 116	.... 44 155			..... 33.3 3170
Hope, §§ Exp. Farm	Evap. Mean tem. Wind move	.113 46 30	.085 44 25	.015 56 24	.135 50 52	.095 50 30	.071 54 84	.078 52 11	.004 53 28	.125 53 76	.106 56 47	.152 37 50	* 30 169	* 26 53	.246 36 49	.018 40 44	.102 36 35	.026 49 48	.075 45 67	.045 41 93	.009 48 54	.119 53 26	.013 61 39	.067 59 43	.055 62 26	.094 64 53	.059 65 58	.109 58 39	.155 56 95	.088 50 102			2.259 49.3 1550
Nimrod Dam	Evap. Mean tem. Wind move	.075 43 13	.030 50 5	.102 57 10	.112 42 69	.020 54 53	.178 50 19	.070 53 19	-.011 54 9	.058 48 18	.086 64 42	.166 39 186	.080 30 22	.000 26 12	.006 33 67	.014 35 16	.023 36 4	.032 46 41	.044 42 20	.042 42 5	.050 48 15	.021 49 2	.085 62 72	.108 52 13	.099 64 17	.147 65 60	.043 62 15	.073 58 11	.018 49 26	.044 48 37			1.815 48.1 898
Russellville	Evap. Mean tem. Wind move	.072 44 21	.036 50 23	.076 56 50	.082 48 17	.086 53 29	.042 50 23	.042 50 4	.056 58 16	.... 49 30	.118 49 68	.214 29 113	068 30 34	... 34 47	.... 34 45	.090 34 23	.030 38 22	.... 48 32	.068 44 41	.152 44 28	* 49 20	.014 50 22	.224 62 52	* 54 *	.216 61 28	.090 71 31	.... 64 *	.... 53 *	.... 52 112	.102 50 42			..... 49.2 978
Stuttgart, §§ Rice Exp. Farm	Evap. Mean Tem. Wind move	.075 47 39	.044 42 14	-.007 56 48	.099 49 6	.105 51 96	.069 50 87	.058 52 18	.008 52 64	.052 49 115	.088 52 67	.056 36 177	* 29 75	* 28 89	* 36 105	* 40 65	* 41 11	.213 45 101	.055 44 72	.024 42 83	.013 46 45	.013 52 16	.054 58 88	.009 57 59	.056 61 53	.080 66 70	.045 63 136	.000 55 75	.062 52 107	.040 125			1.311 48.2* 2106

Daily Temperatures for February, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			Mean
Alum Fork........	Maximum	58	55	63	64	65	62	65	61	61	65	64	37	35	39	50	49	56	51	50	59	59	72	73	77	76	70	69	55	56			59.2
	Minimum	30	43	47	31	42	36	37	57	39	39	29	20	13	27	22	28	40	36	30	39	38	53	38	53	62	56	47	45	36			38.4
Arkadelphia ....§§	Maximum	61	51	60	66	60	63	60	63	64	81	43	43	35	54	62	55	65	46	54	63	62	82	81	83	83	83	68	65	62			62.7
	Minimum	31	33	45	34	33	41	40	40	43	43	33	20	19	21	24	24	34	44	35	34	43	48	43	44	59	43	43	49	39			37.3
Batesville Air..***	Maximum	56	52	65	64	67	63	66	53	57	62	37	32	34	46	48	48	55	43	50	59	57	75	73	76	74	71	61	48	56			56.8
	Minimum	30	44	40	31	44	34	42	42	36	39	30	15	16	28	21	26	40	33	30	39	38	57	37	52	61	55	42	44	35			37.3
Batesville,Livestk§§	Maximum	55	52	63	63	67	56	66	48	57	61	36	31	32	44	46	48	53	38	35	57	62	75	70	75	74	71	61	48	54			55.1
	Minimum	30	30	45	33	33	35	35	47	35	35	28	15	13	19	20	20	25	33	27	24	34	42	35	40	55	57	40	42	34			33.1
Bee Branch........	Maximum	59	56	65	62	67	63	60	60	58	60	58	36	34	41	47	46	58	56	49	58	56	72	69	75	74	70	66	58	55			58.2
	Minimum	27	42	31	27	34	34	34	47	35	39	26	14	15	27	18	26	39	31	30	38	37	50	35	51	57	53	44	43	34			35.1
Benton ....§§	Maximum	59	66	66	65	67	61	60	63	58	66	40	38	32	40	51	62	62	42	55	58	61	75	72	77	72	70	64	57	65			59.4
	Minimum	25	25	26	25	25	31	33	34	39	38	30	15	16	28	17	18	25	38	33	32	31	45	38	37	56	58	42	42	36			32.3
Bentonville .....§§	Maximum	58	50	58	63	60	52	61	52	57	64	32	35	29	45	50	50	54	36	47	60	63	66	62	79	76	66	54	47	51			54.4
	Minimum	27	27	41	28	28	26	26	40	32	33	21	21	22	10	11	15	30	21	22	29	37	44	37	36	44	49	36	37	31			29.7
Bethesda........§§	Maximum	55	52	63	63	66	55	66	47	56	61	35	29	32	43	44	48	51	37	38	56	62	73	69	74	73	71	60	47	53			54.4
	Minimum	30	30	46	33	24	36	36	46	35	36	28	15	14	19	20	20	26	33	27	28	37	42	37	41	54	57	40	41	34			33.3
Bluff City..........	Maximum	61	57	67	65	66	62	65	63	62	69	68	41	40	50	54	52	63	61	47	60	57	70	71	78	76	70	68	66	60			61.7
	Minimum	35	44	47	36	44	45	46	58	43	42	32	19	21	30	27	33	42	43	34	41	48	55	48	59	61	60	55	51	39			42.7
Blytheville........	Maximum	54	52	54	61	66	55	61	59	55	57	55	34	32	44	48	52	53	46	48	53	59	69	72	76	76	70	63	57	47			56.1
	Minimum	25	40	33	28	38	30	32	41	32	33	21	11	13	27	21	28	30	30	28	35	29	48	47	52	51	55	42	38	35			33.6
Booneville	Maximum	58	54	64	68	70	65	67	61	57	70	51	40	38	42	46	45	48	48	50	59	57	70	72	82	78	75	69	55	69			59.6
	Minimum	27	44	44	28	43	31	38	52	38	45	27	17	22	26	14	31	39	36	30	40	41	52	35	43	61	52	40	46	36			37.2
Brinkley ....***	Maximum	58	50	69	63	68	58	68	62	56	63	50	32	37	47	50	56	59	46	52	60	62	72	69	74	75	67	64	57	52			58.5
	Minimum	28	44	39	29	43	38	36	48	40	44	27	20	19	30	25	30	45	35	36	41	45	54	44	60	59	55	50	41	38			39.4
Camden.	Maximum	66	62	69	67	70	67	66	65	64	67	68	44	44	52	56	55	64	64	49	62	62	67	68	79	79	70	76	69	64			64.0
	Minimum	29	45	45	30	36	46	38	55	43	40	34	19	22	31	23	29	42	41	35	42	43	53	47	56	61	54	52	52	40			40.8
Camp Robinson ***	Maximum	57	52	65	62	69	57	63	62	57	65	44	33	34	43	49	51	58	48	51	58	60	75	69	78	73	70	65	57	55			57.9
	Minimum	29	43	40	29	36	34	39	45	38	40	25	18	14	26	23	28	40	28	30	37	40	51	38	56	59	56	46	41	35			36.7
Conway	Maximum	61	55	69	67	70	65	66	62	59	67	64	38	34	43	52	50	58	54	52	60	58	76	73	83	75	72	70	54	59			60.9
	Minimum	29	44	45	29	38	33	37	50	38	39	31	20	17	30	21	28	41	37	31	40	41	52	38	56	62	53	42	46	36			38.1
Corning	Maximum	64	67	65	65	67	63	67	61	55	57	55	32	33	42	44	50	55	52	55	56	55	76	72	76	79	77	71	59	54			59.4
	Minimum	38	37	40	28	44	32	38	34	27	32	25	10	14	28	15	13	35	30	28	36	33	51	36	44	52	56	42	41	34			33.6
Crossett............	Maximum	63	60	69	68	70	68	71	67	63	65	62	42	39	54	54	50	67	62	49	63	61	73	66	77	70	66	69	75	64			63.0
	Minimum	27	46	51	29	33	52	39	59	47	39	37	19	29	33	23	27	45	41	32	41	45	57	57	61	60	59	56	55	42			42.8
Dardanelle........	Maximum	57	56	67	65	71	66	64	64	58	69	69	38	36	42	48	48	55	53	51	57	58	73	69	81	79	73	70	58	61			60.6
	Minimum	29	44	45	30	38	34	37	50	38	44	30	20	21	28	20	28	40	36	35	39	42	51	39	51	62	54	43	47	38			38.4
De Queen....	Maximum	59	56	63	63	69	64	60	62	62	70	57	45	42	48	53	50	61	51	50	62	60	74	69	78	79	73	70	61	61			61.1
	Minimum	31	46	44	30	39	38	40	51	43	45	30	17	25	29	24	34	43	42	36	42	49	53	40	51	52	59	49	50	36			40.3
Des Arc	Maximum	59	58	65	63	69	64	66	64	55	64	64	38	35	45	49	51	59	58	51	57	56	71	71	75	75	72	68	62	54			59.9
	Minimum	27	42	46	28	39	36	36	52	32	39	30	19	15	30	28	28	41	36	32	38	40	51	39	57	60	53	49	46	38			38.2
Devils Knob.......	Maximum	50	47	55	55	60	54	59	57	56	59	51	32	31	36	42	39	42	41	47	54	53	63	60	71	67	68	64	49	49			52.1
	Minimum	33	37	38	36	42	29	42	41	31	37	17	6	12	18	24	28	32	22	25	32	40	45	48	51	50	56	41	34	34			33.8
Dumas	Maximum	64	55	66	65	70	63	68	65	61	66	62	38	42	50	53	53	64	55	46	57	60	68	67	74	75	70	70	72	62			61.4
	Minimum	31	44	47	35	41	44	43	57	42	43	33	22	19	19	27	32	43	41	35	42	43	56	52	59	61	59	65	53	40			42.3
El Dorado	Maximum	66	65	68	66	67	70	67	67	68	70	63	46	45	52	55	57	61	58	49	60	64	66	68	74	72	71	67	68	65			63.3
	Minimum	35	37	45	40	37	37	38	57	47	44	36	23	35	32	29	34	37	45	36	41	55	56	56	57	64	62	59	56	42			43.9
England......... .	Maximum	57	50	52	60	56	64	65	67	63	65	65	40	35	46	51	52	59	60	52	57	69	74	75	79	74	71	67	57	58			60.0
	Minimum	34	41	46	42	34	30	38	54	36	38	29	19	15	26	24	32	39	35	32	36	37	36	50	53	56	56	49	46	38			38.0
Eureka Springs ...	Maximum	59	55	57	63	63	57	61	58	53	61	49	29	29	41	43	49	43	40	45	55	56	66	69	79	73	67	60	52	50			54.6
	Minimum	29	41	41	32	48	26	47	44	31	42	20	7	18	28	20	30	35	21	24	35	39	53	42	46	61	53	38	35	29			35.0
Fayetteville.......	Maximum	59	52	57	63	61	57	61	59	61	63	45	35	35	43	50	49	44	42	46	57	57	66	67	78	75	68	64	54	55			56.0
	Minimum	26	42	40	27	48	29	44	49	33	44	20	11	22	25	12	29	38	24	28	37	40	54	33	38	59	57	38	37	32			34.8
Fayetteville Exp. S	Maximum	58	53	56	62	62	58	62	59	58	62	45	32	31	38	45	48	44	41	46	56	56	65	65	77	76	66	66	54	52			54.9
	Minimum	25	41	38	26	46	26	40	48	31	44	18	9	20	23	10	26	35	21	26	35	38	53	33	37	58	49	36	36	31			33.1
Fordyce............	Maximum	60	57	68	65	68	63	62	63	60	67	61	42	37	51	53	50	65	60	55	60	57	67	67	79	71	70	69	68	60			61.2
	Minimum	34	44	46	36	46	44	47	59	42	41	33	21	20	31	26	31	42	41	34	41	46	56	49	60	60	56	52	51	38			42.3
Fort Smith.....***	Maximum	57	51	62	66	65	58	64	59	58	64	34	39	29	40	45	41	50	42	52	56	55	69	68	81	75	67	59	53	57			55.7
	Minimum	34	45	44	34	45	36	42	49	40	34	25	19	25	28	23	33	40	33	37	40	45	53	42	46	59	54	47	41	38			39.0
Gilbert...........§§	Maximum	59	57	63	65	68	60	70	60	57	67	30	21	32	44	47	48	49	42	47	60	65	74	70	78	78	74	60	50	56			56.9
	Minimum	20	20	34	22	22	26	26	30	32	32	26	12	12	13	5	6	21	28	26	26	32	40	28	29	35	35	32	32	34			25.4
Grannis	Maximum	58	50	66	64	65	63	61	60	62	69	44	44	39	44	54	51	61	50	55	64	55	72	70	78	71	72	64	57	60			59.4
	Minimum	36	43	43	33	43	32	41	55	41	43	26	17	22	27	26	32	41	38	32	40	47	51	41	53	60	58	47	47	35			39.7
Gravette...........	Maximum	60	52	57	63	59	56	63	60	58	60	42	35	33	40	49	50	47	40	47	56	57	65	67	78	75	64	61	52	52			55.2
	Minimum	25	41	35	27	35	24	41	50	33	41	18	7	20	24	13	28	36	20	29	35	36	53	35	38	58	46	37	36	30			32.8
Green Mountain...	Maximum	50	57	58	60	67	64	67	62	55	55	43	31	30	42	44	41	48	45	46	55	55	72	74	75	75	73	71	56	51			55.9
	Minimum	35	40	39	35	48	31	44	43	32	39	23	9	15	24	25	28	31	24	25	36	37	47	42	48	55	56	43	40	31			35.3
Harrison	Maximum	59	54	59	64	65	62	65	60	56	61	57	34	30	41	45	47	47	44	47	56	53	67	67	79	75	74	56	53	53			56.2
	Minimum	24	42	42	25	47	27	38	45	30	39	22	9	18	24	7	23	35	24	23	25	35	50	31	37	58	53	33	39	31			32.3
Helena.............	Maximum	60	53	64	63	66	62	66	64	62	51	60	33	40	45	52	57	55	51	51	55	60	66	68	73	74	68	66	64	55			59.1
	Minimum	33	44	46	35	40	40	41	58	40	42	31	19	16	31	27	35	43	36	34	41	42	56	50	59	60	59	52	51	38			41.3
Highland....... ..	Maximum	59	54	65	62	66	64	60	61	62	68	59	42	39	47	52	49	65	57	51	60	60	74	70	77	69	69	63	60	60			60.1
	Minimum	37	45	46	40	43	42	43	42	43	43	30	19	22	28	29	33	42	41	34	40	48	53	46	57	62	56	50	48	36			41.3
Hope ....§§	Maximum	62	51	67	66	68	63	64	63	63	70	41	42	33	50	55	47	62	47	47	62	64	74	72	78	70	72	64	62	60			60.0
	Minimum	31	34	45	33	32	44	40	43	43	42	33	19	19	23	25	26	36	43	35	35	42	48	46	46	59	58	52	49	39			38.6
Hot Springs........	Maximum	62	57	67	65	65	63	59	61	62	69	68	44	41	43	55	54	62	54	54	59	60	74	73	79	79	70	70	55	61			61.6
	Minimum	34	43	42	36	48	37	45	57	39	44	29	17	17	28	24	30	41	39	30	38	44	52	46	58	62	57	48	45	35			40.2
Jonesboro	Maximum	56	51	65	63	65	65	62	59	54	60	58	33	34	42	46	50	55	54	48	54	57	73	71	75	75	72	65	56	51			57.6
	Minimum	31	41	44	35	43	35	41	44	36	37	29	14	17	29	24	30	40	33	30	37	37	37	41	57	59	57	46	42	35			37.3
Lead Hill..........	Maximum	58	54	58	66	65	61	63	53	56	67	57	31	30	41	44	47	51	43	48	56	54	69	70	79	77	74	65	54	53			56.7
	Minimum	22	42	35	22	39	25	29	41	28	36	24	9	16	24	4	21	35	25	22	36	32	50	28	32	52	49	31	38	31			30.4
Little Rock..***	Maximum	57	52	66	61	69	57	63	64	57	65	44	34	34	42	49	50	58	45	50	58	58	74	68	77	73	69	64	54	55			57.5
	Minimum	34	46	45	34	39	40	42	46	40	43	27	23	20	30	28	32	43	35	34	40	44	56	45	58	61	58	48	41	38			40.3
Lutherville........	Maximum	55	52	64	61	66	60	62	57	57	62	48	38	34	35	44	42	52	48	52	56	55	70	69	76	76	69	65	59	58			56.6
	Minimum	29	43	40	32	50	33	37	49	37	43	26	15	18	25	19	28	47	31	31	48	41	49	38	44	60	49	42	45	34			37.3
Magnolia..........	Maximum	65	62	67	71	66	68	67	70	71	72	70	47	38	51	55	51	63	63	49	61	63	70	73	80	73	71	73	69	60			64.1
	Minimum	36	37	35	43	48	37	49	45	42	40	33	20	25	31	30	35	42	45	35	41	48	58	53	59	61	60	55	53	42			42.7
Mammoth Spring.	Maximum	54	51	55	63	70	61	69	63	55	60	58	30	31	42	47	48	53	52	52	52	56	71	72	76	74	74	71	59	52			57.6
	Minimum	24	42	38	24	43	30	32	42	34	38	25	9	24	24	8	24	36	26	26	36	31	36	31	54	62	54	35	41	32			33.1
Marianna.......§§	Maximum	60	50	65	63	66	57	67	62	55	61	37	32	40	45	52	55	57	43	51	56	63	68	68	74	75	67	64	62	51			57.4
	Minimum	29	29	46	33	33	39	38	55	40	40	32	23	19	32	26	32	45	42	35	42	42	58	48	59	59	58	52	50	38			40.5
Marked Tree....§§	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	41	43	49	52	55	40	50	54	62	70	70	76	76	68	62	53	51			....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	20	25	26	31	39	32	32	38	42	41	42	59	58	46	45	37			....
Marshall...........	Maximum	56	54	58	62	68	62	67	66	65	68	59	34	32	40	46	47	46	42	46	55	53	71	67	75	74	73	68	57	51			57.3
	Minimum	28	42	40	29	49	29	47	46	50	42	24	11	16	24	15	28	36	26	28	37	41	49	36	45	62	57	38	42	34			36.2
Mena..............	Maximum	60	55	64	67	64	63	67	62	62	68	49	41	35	42	56	48	56	47	53	59	53	70	73	80	73	74	71	54	59			59.5
	Minimum	30	43	44	31	45	34	43	52	40	43	25	17	20	26	20	30	40	36	49	39	44	52	40	54	56	55	44	45	35			39.0
Monticello......***	Maximum	64	52	66	66	68	63	68	65	60	66	47	38	38	50	52	53	65	48	45	57	63	72	66	79	72	66	71	74	55			60.3
	Minimum	36	44	47	41	43	47	46	48	45	46	33	22	21	32	31	35	44	38	38	42	47	60	55	61	60	59	55	46	41			43.6
Morrilton ....§§	Maximum	62	63	58	65	68	63	64	60	58	64	39	37	37	45	50	48	57	47	52	60	68	77	82	87	79	72	63	52	62			60.0
	Minimum	31	44	46	31	39	35	38	39	40	39	31	21	20	22	25	27	33	37	35	40	43	52	41	40	62	55	45	46	38			37.8
Mountain Home...	Maximum	58	54	63	68	71	60	68	54	62	68	65	34	30	42	45	48	49	46	51	55	58	72	71	81	78	74	72	58	56			59.0
	Minimum	24	43	42	33	43	27	33	33	33	38	25	9	17	25	10	24	36	26	26	38	36	50	32	38	59	54	36	38	42			33.4
Mt. Ida............	Maximum	60	55	67	60	65	66	69	65	62	71	54	41	34	44	51	47	56	54	53	60	56	75	72	79	70	70	66	57	58			59.9
	Minimum	38	45	35	25	29	30	56	52	40	50	32	18	20	22	..	..	..	36	38	38	40	53	34	46	50	45	38	47	36			38.2
Nashville..........	Maximum	63	56	72	64	69	65	61	65	67	74	73	44	43	50	54	50	65	62	53	61	58	77	74	80	79	71	71	63	62			63.7
	Minimum	33	45	44	32	37	41	42	54	44	41	30	19	23	28	28	33	42	42	35	41	48	51	42	53	62	58	51	50	38			41.0
Newport...........	Maximum	58	51	61	64	69	65	63	60	56	62	59	46	37	46	48	50	50	50	48	58	58	74	72	77	72	72	68	59	54			58.9
	Minimum	29	44	42	32	42	38	39	46	38	38	30	17	18	30	22	37	44	36	31	49	39	53	49	50	60	57	47	45	37			39.2

Daily Temperatures for February, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			Mean
Nimrod Dam	Maximum	59	57	67	65	68	65	69	59	59	68	47	39	32	38	54	45	54	49	52	57	59	70	69	78	75	72	67	52	59			58.8
	Minimum	27	44	47	30	39	35	37	50	37	40	31	21	19	28	19	26	39	36	33	39	39	54	36	49	55	52	40	46	36			37.4
Oden ..***	Maximum	60	55	65	68	65	65	..	..	..	..	..	..	..	..	..	..	..	42	55	61	48	73	71	82	75	74	61	73	..			....
	Minimum	31	47	50	32	42	39	..	..	..	..	..	..	..	..	..	..	..	37	31	41	55	55	40	53	64	50	41	43	.			....
Okay	Maximum	68	61	70	66	69	64	65	64	62	71	66	44	43	52	55	54	62	59	50	58	62	77	77	79	74	73	73	62	61			63.5
	Minimum	31	45	43	30	41	36	41	50	44	44	32	20	24	30	28	33	42	43	37	43	42	53	44	56	61	59	51	50	40			41.1
Ozark	Maximum	58	54	63	63	68	62	59	58	56	68	52	38	38	42	46	45	52	52	52	60	66	70	67	77	77	70	70	59	60			58.7
	Minimum	29	44	39	29	37	31	35	52	53	36	28	17	21	26	14	30	38	35	28	39	40	41	36	40	58	48	39	47	35			36.0
Paragould	Maximum	53	52	63	58	65	63	62	59	53	58	55	32	33	41	42	50	54	52	46	51	56	72	67	72	74	70	65	58	49			56.0
	Minimum	27	42	44	53	40	35	33	43	35	36	29	13	16	29	19	28	40	31	29	37	34	54	40	57	58	57	46	42	35			37.3
Perryville	Maximum	58	57	65	67	69	65	65	61	57	66	61	40	33	42	50	48	54	52	49	58	57	73	73	80	76	72	65	57	57			59.6
	Minimum	27	43	47	27	34	31	35	49	37	49	30	20	18	28	20	26	40	30	33	38	39	52	31	49	58	50	40	45	37			36.7
Pine Bluff	Maximum	62	54	69	68	69	64	64	64	61	68	63	39	36	50	53	53	64	55	49	56	57	70	71	79	73	68	63	68	57			60.9
	Minimum	34	45	49	36	43	42	44	60	42	43	34	22	20	33	28	33	44	39	35	41	43	56	48	60	64	60	59	50	40			43.0
Pocahontas	Maximum	58	52	65	62	69	66	64	63	58	60	59	35	32	43	45	51	55	55	51	58	58	75	70	76	75	74	70	58	55			59.0
	Minimum	27	42	37	28	41	32	32	42	35	36	28	11	14	27	15	27	38	31	28	27	35	51	35	49	55	55	43	42	34			34.4
Portland	Maximum	64	58	68	65	68	65	72	68	66	62	59	44	39	55	54	50	68	54	47	62	60	74	74	77	75	68	70	74	60			62.8
	Minimum	31	45	49	37	41	50	43	58	46	45	36	25	22	36	29	34	43	44	37	41	45	57	57	61	61	60	58	55	42			44.5
Prescott	Maximum	64	61	68	67	68	66	64	64	62	70	69	42	42	50	54	54	63	62	47	60	61	73	75	78	77	71	71	63	63			63.1
	Minimum	35	45	47	35	43	45	42	57	44	43	32	21	22	30	27	33	42	43	35	41	48	53	47	59	64	58	52	51	40			42.6
Rogers	Maximum	59	60	55	61	60	55	60	53	55	63	46	24	29	40	42	52	45	38	46	55	54	64	68	80	75	65	63	57	53			54.4
	Minimum	26	45	35	29	45	27	40	46	45	44	18	8	19	24	14	20	35	20	26	35	39	51	36	44	59	49	38	35	31			33.9
Russellville	Maximum	59	56	66	65	69	65	63	64	59	69	68	38	38	41	48	48	55	53	52	58	58	72	72	80	79	73	65	58	60			60.4
	Minimum	29	45	45	30	37	34	36	51	39	44	30	20	21	28	19	27	41	36	35	40	41	52	36	42	63	54	41	47	39			38.0
St. Charles §§	Maximum	62	57	60	67	67	61	66	64	58	64	43	40	40	47	52	57	58	46	50	58	63	67	66	73	75	70	67	68	56			59.4
	Minimum	30	35	42	46	32	41	39	41	41	38	33	21	18	25	23	26	36	36	32	35	41	42	50	52	54	59	53	50	39			38.3
Searcy	Maximum	57	54	67	65	69	65	63	59	55	65	57	38	35	44	50	49	58	54	49	59	57	74	72	77	75	70	66	54	54			59.0
	Minimum	32	48	45	30	41	38	36	46	38	41	31	19	18	30	25	29	42	35	32	39	41	52	39	57	60	55	45	44	29			38.5
Sheridan	Maximum	60	59	67	66	70	66	63	64	63	66	64	38	34	46	52	51	63	62	51	58	55	75	73	78	77	67	59	57	56			60.7
	Minimum	30	43	44	31	39	35	40	58	40	39	31	16	27	30	23	30	42	39	33	39	42	52	43	58	62	61	41	46	34			39.6
Siloam Springs	Maximum	57	51	56	62	59	57	60	58	59	61	42	34	33	40	46	49	45	39	45	56	57	64	68	77	75	64	60	51	53			54.4
	Minimum	26	42	37	27	48	26	40	50	33	42	20	11	22	25	16	29	37	23	31	36	39	54	33	40	60	46	39	38	33			34.6
Stuttgart	Maximum	60	55	67	63	69	65	65	62	62	66	59	37	37	46	51	52	58	56	52	55	56	71	77	76	75	68	66	60	55			60.0
	Minimum	34	46	48	36	38	39	41	58	40	43	33	21	19	32	27	31	43	39	35	41	43	55	49	59	62	59	50	48	39			41.7
Stuttgart Evap. §§	Maximum	60	50	65	63	67	60	65	63	58	64	38	35	37	45	51	53	57	44	50	56	62	68	66	74	74	68	58	55	..			57.4
	Minimum	34	35	46	35	35	39	40	42	40	40	33	23	19	26	23	29	33	43	35	36	43	47	48	48	59	58	52	50	39			39.1
Subiaco	Maximum	61	56	62	65	63	62	61	61	59	62	55	38	37	39	48	43	50	48	52	55	57	68	70	80	75	70	65	58	58			57.9
	Minimum	30	45	46	32	41	34	32	50	38	43	28	19	20	22	18	30	37	35	32	39	43	52	38	46	61	59	44	46	37			37.8
Texarkana ***	Maximum	62	58	68	68	67	66	65	64	64	71	42	45	34	50	54	47	53	50	47	62	65	72	72	78	68	71	63	63	58			60.2
	Minimum	37	47	48	37	44	46	48	54	46	39	26	23	27	32	29	36	44	40	37	42	51	57	50	60	61	57	54	45	42			43.4
Turnpike	Maximum	55	50	58	59	62	56	60	57	56	61	56	32	30	40	41	41	48	40	49	57	47	66	66	74	70	68	65	49	51			54.0
	Minimum	31	36	40	35	41	29	41	42	30	37	19	6	11	19	24	29	32	21	24	32	40	45	45	49	56	48	41	38	27			33.4
Waldron	Maximum	60	59	61	67	68	62	71	66	58	68	53	39	37	42	50	49	49	48	51	55	57	70	70	81	76	75	70	53	56			59.3
	Minimum	27	45	43	27	46	32	37	52	38	45	26	18	22	28	16	26	40	36	32	40	40	52	34	42	58	46	40	46	38			37.0
Warren	Maximum	62	58	67	68	68	65	65	65	63	65	64	41	38	51	53	52	63	61	46	68	59	70	66	79	76	67	71	73	62			62.3
	Minimum	33	45	50	35	42	49	43	60	45	42	34	22	20	33	27	31	44	44	36	42	48	58	54	60	63	59	50	54	41			43.6
White Rock	Maximum	52	48	58	57	65	54	60	60	59	61	50	44	36	38	42	40	51	44	50	55	50	65	63	73	70	67	62	50	54			54.4
	Minimum	32	38	37	35	48	29	40	40	31	21	15	5	12	17	23	29	31	21	24	31	48	45	44	44	52	41	44	35	25			32.3
Wilson	Maximum	54	55	64	64	64	67	67	68	61	61	59	58	38	46	50	54	53	53	54	51	53	67	69	73	72	69	64	56	48			59.0
	Minimum	29	32	46	29	30	33	34	34	38	37	23	25	14	30	24	37	33	34	35	37	38	54	52	59	52	60	52	49	43			37.7
Wynne	Maximum	57	51	65	63	65	62	63	62	61	61	59	34	35	44	47	52	55	55	58	51	56	71	70	76	76	75	63	60	49			58.5
	Minimum	25	46	47	29	44	37	42	50	38	38	30	19	14	31	21	23	42	37	32	38	33	54	37	59	62	58	49	45	37			38.8

Daily River Stages for February, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Fort Smith	Arkansas	22	8.6	7.9	7.4	7.2	7.3	7.2	7.2	7.0	7.5	7.7	12.6	11.5	9.8	8.8	8.3	8.4	9.1	9.8	10.5	10.7	10.4	9.9	8.9	8.5	8.5	8.8	9.3	10.0	12.8	
Van Buren	do	22	8.1	7.3	6.6	6.4	6.5	6.4	6.3	6.4	6.9	8.2	12.4	11.5	9.3	8.4	7.8	7.9	9.5	9.5	10.2	10.6	10.2	9.4	8.6	8.1	8.0	8.3	8.8	9.7	13.3	
Danville	Petit Jean	20	8.2	7.1	6.9	6.4	6.0	6.0	5.2	5.0	18.7	21.6	21.6	19.9	16.3	12.9	12.8	12.7	17.2	22.1	23.2	22.1	20.8	19.3	17.3	14.8	11.9	10.8	13.8	14.8	21.4	
Ozark	Arkansas	22	2.7	4.5	4.0	3.1	2.8	2.8	2.8	2.7	3.3	4.2	4.3	8.4	8.0	6.4	4.9	4.4	4.4	5.8	6.7	6.4	7.2	7.0	6.3	4.4	3.7	4.8	6.6	5.8	8.9	
Dardanelle	do	22	8.0	8.0	7.6	6.9	6.3	6.1	6.0	6.0	9.2	9.3	8.6	12.0	11.9	10.2	9.0	8.6	8.8	10.9	11.3	11.3	11.3	11.1	10.5	9.6	8.8	8.8	9.7	10.6	14.4	
Morrilton	do	20	3.0	3.6	3.3	2.6	2.4	2.0	1.4	2.1	2.8	5.9	5.2	6.8	7.8	6.8	6.1	4.8	5.0	7.0	7.7	7.6	7.7	7.7	7.4	6.6	5.8	5.2	5.8	6.1	9.3	
Little Rock	do	23	3.9	4.6	5.1	4.9	4.4	3.9	3.6	3.5	4.6	6.9	8.0	8.4	9.5	9.8	8.8	7.7	7.2	8.5	10.0	10.4	10.2	10.2	9.9	9.5	8.7	7.9	7.3	7.4	8.9	
Pine Bluff	do	25	5.1	5.7	6.3	6.8	6.7	6.0	5.5	5.1	4.8	4.8	9.7	10.5	10.6	12.3	11.7	10.6	9.7	9.7	11.4	12.7	12.9	12.7	12.5	12.2	11.5	10.6	9.9	9.5	10.1	
Gilbert	Buffalo	30	4.0	3.9	3.9	3.8	3.8	3.8	3.8	3.8	6.6	6.0	5.2	4.8	4.6	4.5	4.4	4.3	4.3	6.5	6.1	5.5	5.2	5.0	4.9	4.9	5.0	6.3	6.4	6.0	12.0	
Black Rock	Black	14	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.8	1.8	1.7	1.7	1.6	1.7	1.6	1.8	3.0	3.0	3.0	2.9	3.1	3.1	3.0	2.9	4.6	1.1	3.9	12.1	
Heber Springs	Little Red	30	3.0	3.0	3.1	3.1	3.1	3.1	3.0	3.1	7.1	13.6	9.6	7.9	7.0	6.2	6.2	6.1	7.9	13.3	11.8	9.5	8.6	8.5	9.7	8.8	8.0	7.4	7.3	7.2	23.4	
Ozark Beach Mo	White	30	-0.3	2.2	-0.4	-0.4	-0.3	-0.2	1.4	-0.3	6.1	5.6	4.8	4.6	4.6	2.5	2.2	1.7	1.6	3.6	2.2	4.5	4.6	4.6	4.6	2.6	1.4	3.4	2.9	4.5	11.2	
Cotter	do	21	2.8	2.2	2.6	2.6	2.6	2.6	2.3	2.8	4.6	5.3	7.2	4.2	4.1	4.0	4.4	3.9	4.0	3.9	4.7	5.2	5.7	5.9	5.7	5.7	4.8	5.2	5.0	5.2	11.5	
Calico Rock	do	18	1.6	1.1	1.4	1.7	2.1	1.9	1.7	1.7	2.2	7.3	7.2	6.0	5.2	4.8	4.3	3.6	3.6	4.1	5.8	5.8	5.4	5.4	5.3	5.2	5.4	5.5	5.6	6.2	13.2	
Batesville	do	23	6.3	6.0	5.7	5.7	6.0	6.5	6.2	6.1	10.3	8.2	12.5	11.6	10.4	9.8	9.4	8.8	8.5	10.0	9.9	10.5	10.4	10.5	10.2	10.0	9.9	10.3	10.1	10.6	15.9	
Newport	do	26	0.7	0.8	0.5	0.2	0.0	0.0	0.7	0.8	1.6	5.1	6.1	7.8	7.0	5.9	5.2	4.7	4.0	6.3	7.0	7.3	7.5	7.0	7.5	7.1	6.9	6.7	7.0	7.2	13.7	
Georgetown	do	21	0.5	0.7	1.0	1.0	1.0	0.9	0.7	0.7	2.0	6.2	10.5	10.9	10.8	10.7	10.0	9.4	9.1	12.9	14.0	14.4	14.1	13.7	13.4	13.4	13.0	12.5	12.0	11.6	13.6	
Des Arc	do	24	2.9	3.0	3.3	3.4	3.4	3.3	3.2	3.4	4.5	7.0	11.1	12.8	13.5	13.8	13.7	13.3	13.0	14.8	16.2	17.0	17.6	17.6	17.3	17.0	16.8	16.3	15.7	15.3	15.9	
Clarendon	do	26	7.3	7.4	7.5	7.7	7.8	7.8	7.7	7.6	8.0	9.3	11.5	14.4	16.1	17.1	17.7	18.0	18.3	18.8	19.8	20.7	21.4	22.0	22.4	22.6	22.8	22.9	22.9	22.7	22.7	
St. Charles	do	25	7.4	7.3	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.4	10.0	12.5	14.5	15.8	16.5	17.0	17.3	17.6	18.2	19.0	19.6	20.2	20.7	21.0	21.4	21.7	21.9	22.0	22.2	
Glenwood	Caddo	..	5.9	5.9	5.9	5.8	5.8	5.8	5.8	6.1	7.2	6.6	6.4	6.2	6.2	6.3	6.5	6.4	7.6	6.9	6.6	6.5	6.4	6.6	6.6	6.4	6.2	6.3	6.3	7.4	7.5	
Arkadelphia	Ouachita	17	7.1	7.2	7.4	7.2	7.1	6.7	6.0	6.3	7.6	9.4	8.5	8.2	8.9	8.0	8.9	10.4	10.6	16.2	17.8	16.0	14.1	10.4	10.7	10.3	10.4	9.6	9.7	9.0	17.4	
Boughton	Little Mo.	20	8.3	7.7	7.7	7.7	7.6	7.9	8.0	8.1	8.1	8.2	8.2	8.3	8.4	8.5	8.6	10.0	12.0	12.1	13.2	15.6	14.4	13.9	13.1	13.0	12.9	10.5	11.3	12.4	15.7	
Camden	Ouachita	26	9.3	8.6	9.2	9.8	10.2	9.9	9.1	8.3	7.5	9.3	13.2	14.4	14.7	14.7	14.8	15.7	16.8	18.0	19.8	22.6	24.6	25.8	26.1	25.7	25.2	24.9	24.7	24.9	25.1	
Benton	Saline	20	5.1	5.1	5.0	5.1	5.1	5.0	5.0	4.9	5.0	8.9	9.0	9.0	8.3	7.0	6.6	8.0	10.7	15.5	10.6	10.0	9.9	9.3	8.5	7.9	7.3	7.1	7.0	6.9	15.8	
Index	Red	25	7.6	8.2	8.0	7.8	8.0	8.2	8.5	8.2	7.8	10.0	11.8	13.4	12.2	10.8	10.0	10.2	11.2	12.7	13.0	13.7	13.4	11.6	11.0	9.9	9.4	9.0	10.3	13.2	16.6	
Fulton	do	25	10.1	10.8	11.0	10.9	10.9	11.0	10.9	10.6	10.7	12.3	14.5	16.0	16.0	15.6	15.2	15.0	15.1	15.8	16.2	16.9	17.3	17.0	16.4	15.8	15.3	14.9	14.5	16.1	18.9	
Big Lake Outlet	St. Francis	10	3.0	3.0	3.0	3.0	2.9	2.9	2.9	3.0	3.9	3.7	3.7	3.7	3.7	3.6	3.7	3.7	4.0	4.1	4.2	4.4	4.6	5.1	5.5	5.9	6.3	6.6	6.7	6.8	7.4	
St. Francis	do	18	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8	4.0	4.1	4.1	4.1	4.0	3.9	4.1	5.2	7.4	8.3	7.8	7.1	6.8	6.4	6.1	6.5	8.8	10.1	13.0	
St. Francis L.L.	do	..	17.2	16.9	16.5	16.0	15.7	16.8	17.8	18.5	19.3	19.1	19.1	19.1	19.1	19.1	19.1	19.0	19.3	19.5	19.6	19.8	19.9	20.3	20.4	20.4	20.3	20.0	20.0	20.1	20.7	
Marked Tree	do	17	3.7	3.6	3.6	3.6	3.6	1.3	0.9	0.9	2.6	4.1	5.0	4.8	4.8	4.7	4.5	4.5	5.1	7.5	7.4	7.1	6.7	5.0	5.0	5.4	5.2	7.2	7.5	7.0	6.6	
Parkin	do	28	3.4	3.3	3.3	3.2	3.1	3.1	2.6	1.8	5.0	8.1	9.5	9.0	7.9	6.8	6.1	5.6	6.1	11.1	13.3	13.9	13.7	12.6	10.8	10.0	8.1	7.7	7.9	8.1	9.9	
Madison	do	32	1.6	1.7	1.6	1.6	2.0	1.7	1.6	1.4	5.1	6.2	7.2	7.3	7.2	5.9	5.2	4.6	4.7	8.6	10.6	12.1	12.3	11.4	10.2	9.0	8.0	7.5	7.2	7.5	9.1	
Helena	Mississippi	42	4.5	4.5	4.9	5.3	5.9	6.8	7.3	7.6	8.1	9.0	8.4	7.4	7.0	7.8	9.8	11.4	12.1	12.5	12.7	12.5	12.8	13.8	15.7	17.5	19.0	20.0	21.0	22.0	23.4	
Arkansas City	do	42	2.9	2.6	2.7	2.9	3.3	3.9	4.5	5.0	5.3	5.5	5.9	6.3	6.5	6.6	6.9	8.9	10.2	11.0	11.1	11.5	11.8	12.4	13.0	14.5	16.2	17.5	18.3	19.2	19.9	

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a}, ^{b}, ^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cold Spings, Olio; Devils Knob, Salus: Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt. Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 4-10-44-1000

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MAY 19 1944

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLIX Little Rock, Ark., March, 1944 No. 3

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GENERAL SUMMARY

The month was only slightly cooler than an average March. The coldest weather occurred during the first ten days. The lowest temperatures of the month were reported on the 8th at practically all stations, minima ranging from slightly below freezing in the extreme southern sections to as low as 14° in the Ozarks. Mild weather prevailed from the 11th to 18th, daily temperatures exceeding 80° at times during this period. The weather was quite cool during the remainder of the month although freezing temperatures were infrequent and confined to stations in the northern section.

March precipitation averaged about one and one-half inches above normal for the State. Rainfall was lightest in the northern section and heaviest in the southeastern counties. Rain fell on an average of ten days and was quite heavy on the 16th, 18th and 28th, resulting in rising stages on the rivers of the State. The Ouachita River was in flood early in March and again towards the close of the month. At Camden, the Ouachita crested at 34.2 feet on the 25th, inundating considerable bottom land and causing some flood damage. The White River slightly exceeded flood stage from Georgetown south on two occasions. Stages on the Arkansas were quite high during the second half of the month, but no flooding occurred.

During a severe thunderstorm on the night of the 26th heavy hail caused considerable property damage in Poinsett County. Property damage was quite heavy at Marked Tree; many windows and sky lights were broken and roofs damaged. The village of Lepanto also suffered considerably from the hail. The hailstones were reported to be larger than golf balls.

March weather was not favorable for agriculture. Plowing and planting were delayed by frequent rains and wet soil. Some corn was planted on lighter soils. Grains and meadows made good progress. Farm work was generally three to four weeks behind schedule at the close of the month.

TEMPERATURE

The mean temperature for the State, as determined from the records of 79 stations, was 51.3°, which is 1.1° below the 54-year average for March. The highest monthly mean temperature was 57.6° at Portland, and the lowest was 43.7° at Devils Knob. The highest temperature recorded was 87° at Corning on the 15th, and the lowest was 14° at Devils Knob and White Rock on the 8th.

PRECIPITATION

The average precipitation for the State, as determined from the records of 106 stations, was 6.13 inches, which is 1.48 inches above the 54-year average for March. The greatest monthly total was 11.80 inches at Arkansas City, and the least was 3.24 inches at Cotter. The greatest amount recorded in a 24-hour period was 6.99 inches at Monticello on the 28th. Snowfall was below normal, averaging only 0.2 inches.

B.N.W.

MISCELLANEOUS PHENOMENA
Dates of

High Winds:--1,8,26,27.
Sleet:--7,8,12,13,14,15.
Hail:--2,7,26.
Thunderstorms:--.1,3,4,6,14,18,26,27,28.
Heavy Fog:--3,4,9,26.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.42	8	29.52	6	10.3	31	nw.	7	72	58	62	53	439
Little Rock	30.44	8	29.56	6	10.0	40	nw.	7	82	61	65	64	417
Memphis ..	30.48	9	29.59	6	9.1	28	w.	7	79	57	63	66	409

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	79	10	5.10	......	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1.3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	88	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0.8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T.	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2.21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T.	10	10	8	13
1936	57.1	88	22	2.19	T.	7	16	7	8
1937	48.7	84	11	3.04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
1939	54.4	88	19	3.71	T.	8	14	8	9
1940	52.0	88	9	2.39	0.7	7	14	7	10
1941	47.5	80	13	2.21	0.2	7	13	8	10
1942	53.0	89	18	3.95	2.0	8	15	7	9
1943	46.9	84	− 6	5.66	0.2	10	13	6	12
1944	51.3	87	14	6.13	0.2	10	12	8	11
Period	52.4	98	− 6	4.65	0.5	8	13	7	11

Corrections:-January, Sheridan monthly mean temp. 44.5°. February, Camden greatest precip. in 24 hours 2.26 inches on 8th-9th. Gravette, mean maximum temp. 55.1°

Climatological Data for March, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	51.3	......	80	14	28	9	6.31	......	1.78	15–16	T.	10	10	13	8	w.	L. R. Water Works
Arkadelphia	Clark	200	48	55.5	−0.7	84	14§	27	8§	9.56	+4.86	3.00	18–19	0.0	11	14	8	9	nw.	George S Dews
Arkansas City	Desha	145	59	......	......	......	......	......	......	11.80	+6.38	4.41	29	0.0	9	13	2	16	......	John W. Trammell
Batesville Airway	Independence	363	7	49.3	−1.2	81	14	25	8	4.56	......	1.29	18–19	T.	12	10	10	11	nw.	Airway Observer
Batesville Livestk.	Independence	....	3	47.6	......	80	14	23	8§	3.85	......	1.15	18–19	0.5	8	12	7	12	nw.	University of Arkansas
Batesville River	Independence	277	44	......	......	......	......	......	......	4.32	−0.09	1.45	18–19	0.2	9	15	6	10	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	48.4	−3.2	80	15	22	8	5.25	+0.57	1.25	18–19	T.	9	17	5	9	n.	Miss Minnie Scanlan
Benton	Saline	285	8	49.3	......	81	14	25	8	7.21	......	3.24	18–19	0.0	11	19	4	8	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	44.6	−3.4	77	14	20	8§	5.71	+2.32	2.06	14–15	3.0	9	8	19	4	s.	E. L, Browne
Bethesda †	Independence	500	4	47.2	......	79	14	23	8§	3.84	......	1.32	18–19	0.0	6	12	7	12	nw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	......	......	......	......	......	......	6.73	+2.30	3.18	18–19	T.	10	10	11	10	......	N. W. Douglas
Black Rock	Lawrence	259	42	......	......	......	......	......	......	3.26	−1.12	0.99	4	0.5	7	20	0	11	......	Vernon C. Howe
Bluff City	Nevada	....	3	55.3	......	83	14	28	8	6.31	......	1.70	28–29	0.0	11	11	8	12	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	49.6	−2.1	83	14	25	1§	6.53	+2.12	2.88	18–19	T.	9	15	10	6	sw.	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	52.0	−1.0	82	14	24	8	5.64	+2.17	2.09	15–16	0.0	12	12	9	10	e.	F. H. Randolph
Boughton †	Clark	235	8	......	......	......	......	......	......	6.64	......	1.56	18	0.0	9	15	1	15	......	Katie B. Moore
Brinkley	Monroe	205	52	51.4	−2.2	80	14	28	8	6.52	+1.09	2.44	28	0.0	12	8	10	13	s.	U. S. Weather Bureau
Calico Rock	Izard	361	39	......	......	......	......	......	......	4.74	+1.17	1.10	15	1.0	11	8	1	22	......	William Jones
Camden	Ouachita	116	58	56.6	+1.2	84	14	30	8	6.54	+1.52	2.53	27–28	0.0	11	8	9	14	s.	J. M. Knight
Camp Robinson	Pulaski	463	3	50.5	......	82	14	26	8	6.43	......	2.46	18–19	0.0	12	3	20	8	se.	U. S. Army
Clarendon	Monroe	172	39	......	......	......	......	......	......	6.25	+1.35	1.39	28	0.0	12	8	11	12	......	B. F. Northern
Conway	Faulkner	309	60	52.1	−1.6	85	14	26	8	5.54	+0.98	1.81	18–19	0.0	11	15	9	7	e.	E. E. Cordrey
Corning	Clay	293	50	51.0	+0.1	87	15	25	8	3.39	−1.27	0.80	4	T.	10	11	9	11	s.	Richard C. Polk
Cotter	Baxter	440	16	......	......	......	......	......	......	3.24	+0.27	0.97	15	1.5	8	12	8	11	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	56.1	0.0	83	14§	24	8	10.73	+5.82	3.21	28	0.0	11	19	1	11	s.	U.S. Forest Service
Danville	Yell	327	27	......	......	......	......	......	......	5.41	+1.43	2.01	15–16	0.0	11	7	12	12	......	J. M. Patterson
Dardanelle	Yell	330	57	52.8	−0.7	83	14	26	8	4.55	+0.23	1.66	15	0.0	11	13	5	13	e.	Geo. N. Goodier
DeQueen	Sevier	426	8	54.0	......	80	15	27	8	6.60	......	2.60	15	0.0	9	10	11	10	......	L. D. McCown
Des Arc	Prairie	204	5	53.2	......	80	14§	27	8	6.32	......	1.21	18–19	T.	11	7	5	19	......	Z. R. Glenn
Devils Knob †	Johnson	2350	7	43.7	......	72	14	14	8	5.09	......	1.57	15–16	T.	12	15	3	13	se.	U.S. Forest Service
Dumas	Desha	162	38	56.2	+0.4	84	14	28	8	6.69	+0.99	3.10	27–28	0.0	13	6	16	9	s.	Ben Johnson
El Dorado	Union	270	43	56.6	+0.4	83	14	30	8	8.06	+3.03	3.25	28–29	0.0	11	17	5	9	s.	Mrs. E. W. Gaston
England	Lonoke	229	37	53.3	−1.0	83	15	28	8	6.74	+1.94	1.45	19	0.0	10	13	10	8	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	43	47.2	−3.0	78	14	18	8	5.91	+2.16	1.74	15	T.	13	14	10	7	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	6	48.4	......	78	14	20	8	6.59	......	2.97	18–19	2.3	14	10	7	14	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	56	47.0	−2.8	76	14	18	8	5.95	+2.49	2.59	18–19	1.2	14	11	14	6	s.	University of Arkansas
Fordyce	Dallas	280	3	55.0	......	83	14	27	8	6.08	......	1.78	28	0.0	10	9	16	6	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	51.0	−1.6	81	14	26	8	5.18	+2.17	1.94	18–19	0.2	10	7	10	14	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	......	......	......	......	......	......	3.89	......	1.80	15	T.	9	14	9	8	......	Ft. Smith Water Plant
Fulton	Hempstead	260	58	......	......	......	......	......	......	6.12	+1.64	2.10	18–19	0.0	11	12	6	13	......	Ina J. Logan
Garland	Miller	235	1	......	......	......	......	......	......	......	......	....	......	0.0	......	15	0	16	......	L. D. Denney
Georgetown	White	200	31	......	......	......	......	......	......	7.04	+2.13	1.90	3–4	0.0	11	13	3	15	......	C. G. Long
Gilbert	Searcy	600	18	46.0	......	80	14	20	7§	4.50	+1.75	1.37	15–16	T.	9	13	2	16	n.	F. E. King
Glenwood	Pike	547	8	......	......	......	......	......	......	6.88	......	1.87	15–16	0.0	10	15	0	15	......	Chas. A. Price
Grannis	Polk	950	24	52.7	+0.8	78	14	24	8	6.85	+2.59	3.02	15–16	0.0	12	9	10	12	se.	W. E. McVay
Gravette	Benton	1250	46	47.0	−1.8	73	14	18	8	4.17	+0.78	1.98	14–15	1.0	8	15	6	10	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	48.2	......	73	14§	20	7§	4.15	......	1.10	15–16	T.	11	14	8	9	w.	U. S. Forest Service
Harrison	Boone	1052	43	47.6	−1.5	78	14§	20	8	4.29	+1.17	1.34	18–19	T.	12	16	7	8	uw.	J. M. McGaughey
Heber Springs(near)	Cleburne	272	14	......	......	......	......	......	......	4.27	+0.34	1.38	18–19	T.	10	12	9	10	......	Lester B. Logan
Helena	Phillips	300	71	53.6	−0.3	81	15	27	8	7.58	+1.62	2.75	28	0.0	10	11	3	17	nw.	James A. Burnett
Highland	Pike	491	24	......	......	......	......	......	......	....	......	....	......	......	......	......	......	......	......	Clyde Cooley
Hope 3 miles e ‡‡	Hempstead	375	73	52.4	−3.4	82	14	28	8§	6.90	+1.90	1.38	18–19	0.0	13	9	7	15	e.	University of Arkansas
Hot Springs	Garland	600	52	53.1	−1.2	82	14§	25	8	6.46	+1.69	1.95	18–19	0.0	11	17	9	5	s.	National Park Service
Index †	Little River	275	26	......	......	......	......	......	......	8.10	+3.90	2.00	27–28	0.0	10	12	0	19	......	W. E. McDowell
Jessieville	Garland	750	17	......	......	......	......	......	......	7.15	+2.96	1.80	18–19	0.0	12	5	18	8	sw.	U. S. Forest Service
Jonesboro	Craighead	345	48	50.4	−1.9	81	14	25	8	5.67	+0.96	2.31	18–19	0.4	11	8	11	12	ne.	Benedictine Sisters
Lead Hill	Boone	650	37	47.1	−1.6	79	14	21	7	3.89	+0.19	1.19	19	T.	13	15	4	12	n.	J. H. Crosswhite
Little Rock	Pulaski	257	64	51.6	−1.4	82	14	28	8	7.86	+3.24	3.40	18–19	0.0	18	8	8	15	nw.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	49.6	−2.0	79	14	21	8	5.33	+1.18	1.50	18–19	T.	12	16	3	12	e.	Clarence Lenhardt
Madison	St. Francis	209	13	......	......	......	......	......	......	6.07	+1.11	2.00	28–29	0.0	11	9	3	19	......	J. W. Eppes
Magnolia	Columbia	315	27	57.0	−0.5	83	14	27	8	5.03	+0.48	1.68	27–28	0.0	9	10	11	10	se.	State Agri School
Mammoth Spring	Fulton	600	39	48.0	−2.0	82	14	23	8§	4.05	+0.65	0.95	18–19	0.5	10	13	6	12	nw.	Mrs. Johnnie Morton
Marianna	Lee	235	32	52.4	−1.4	80	14§	28	8	7.42	+2.71	3.05	28–29	0.0	7	9	8	14	n.	University of Arkansas
Marked Tree	Poinsett	229	39	50.1	−0.5	82	15	26	9§	5.99	+0.89	2.35	18–19	0.0	11	14	11	6	n.	Charles Walton
Marshall	Searcy	1050	..	48.0	−2.8	78	14	21	8	5.35	+1.39	1.73	15–16	T.	14	12	9	10	se.	W. F. Reeves
Mena	Polk	1207	55	52.6	−0.1	81	14	24	8	7.05	+2.59	3.16	15–16	0.0	9	10	12	9	sw.	E. W. St John
Monticello	Drew	273	3	56.2	......	83	14	28	8	9.77	......	6.99	28	0.0	10	10	10	11	s.	Airway Observer
Morrilton †	Conway	315	27	51.9	+0.3	82	14	28	8§	6.55	+2.54	1.60	18–19	0.0	11	10	9	12	se.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	6	......	......	......	......	......	......	4.76	......	1.92	15–16	0.0	12	13	6	12	n.	C. A. Lovell
Mountain Home †	Baxter	800	31	48.6	−1.4	81	14	22	8	3.65	−0.03	0.95	18–19	3.0	10	14	4	13	w.	H. N. Halbert
Mountain Valley	Garland	788	6	......	......	......	......	......	......	6.08	......	1.84	16	0.0	9	11	12	8	s.	C. A. Cockman
Mount Ida	Montgomery	702	44	51.4	−0.9	82	14	23	9	7.74	+3.31	2.73	15–16	0.0	12	10	9	12	w.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	......	......	......	......	......	......	5.18	......	1.69	15–16	0.0	10	13	0	18	......	H. G Arvin
Nashville	Howard	350	5	55.3[b]	......	82	14	27[d]	8	8.11	......	....	......	0.0	9	13	0	13	e.	Carter Day
Newport	Jackson	231	60	51.4	−1.3	82	14	27	10	5.14	+0.38	2.02	18–19	T.	12	12	6	13	sw.	W. T. Moyer
Nimrod Dam	Perry	475	2	51.2	......	79	14	27	8§	6.79	......	2.40	15–16	0.0	12	14	6	11	e.	U. S. Engineers
Oden	Montgomery	800	16	52.5	......	82	14	23	8	6.63	+3.03	2.50	15–16	0.0	10	12	10	9	se.	U. S. Forest Service
Okay	Howard	283	15	55.6	−0.4	83	14§	29	8	8.29	+4.22	3.38	18–19	0.0	11	13	10	8	s.	Charles R. Jackson
Osceola	Mississippi	250	43	......	......	......	......	......	......	6.33	+1.28	3.13	18–19	0.0	9	17	8	6	......	G. M. Serey
Ozark	Franklin	396	48	50.9	−1.9	80	14	21	8	4.32	+0.56	1.76	15–16	0.0	9	6	6	19	se.	Orkney O. Milton
Paragould	Greene	275	20	49.2	......	77	14§	26	8	5.42	+0.58	1.92	18–19	1.1	13	15	6	10	sw.	J. E. Garrett
Parkin	Cross	222	13	......	......	......	......	......	......	4.95	+0.25	1.49	18–19	0.0	8	9	7	15	......	Carroll King
Perryville	Perry	325	4	51.4	−0.4	83	14	25	8	6.30	+2.44	....	......	0.0	10	14	8	9	sw.	Lillie Cranford
Pine Bluff	Jefferson	215	56	54.7	−0.4	85	14	28	8	7.33	+2.15	1.50	18–19	0.0	12	12	8	11	sw.	Miss Theresa Scben
Pine Ridge	Moutgomery	840	19	......	......	......	......	......	......	6.18	+1.98	2.71	15–16	0.0	10	9	4	18	nw.	J. R. Huddleston
Pocahontas	Randolph	300	50	49.6	−1.6	81	14	25	8§	3.77	−0.80	0.87	18–19	T.	10	13	8	10	s.	Benedictine Sisters
Portland	Ashley	122	37	57.6	+3.5	82	14	28	8	10.47	+5.38	3.50	28	0.0	7	14	8	9	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	56.2	+0.2	82	14§	29	8	6.64	+2.20	1.14	3–4	0.0	11	13	8	10	s.	W. R. Hambright
Rogers	Benton	1300	53	46.0	−3.2	80	14	19	8	4.51	+0.97	2.10	15	1.0	11	13	9	9	nw.	Howard Fowler
Rosebud	Faulkner	680	9	......	......	......	......	......	......	5.07	......	1.56	18–19	0.0	10	11	10	10	u.	G. A. Maddox
Russellville ‡‡	Pope	526	31	51.9	−0.8	81	14§	26	8	5.04	+0.72	1.97	19	0.0	12	14	7	10	e.	U.S. Forest Service
St. Charles	Arkansas	175	10	53.8	......	82	14	28	8	8.08	......	2.34	28–29	0.0	10	11	11	9	n,	U. S. Biological Survey
St. Francis	Clay	290	16	......	......	......	......	......	......	3.89	−1.08	0.91	26–27	T.	10	15	0	16	......	W. S. Buckley
Searcy	White	245	33	51.1	−1.4	82	14	26	8	6.01	+1.45	2.35	18–19	0.0	12	16	2	13	ne.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	53.0	......	83	14	24	8	7.65	......	2.78	18–19	0.0	12	7	15	9	se.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	47.6	......	77	14	21	8	6.83	......	2.44	15–16	3.2	13	3	18	10	s.	John Brown University
Story	Montgomery	650	19	......	......	......	......	......	......	7.16	+3.38	3.03	14–15	0.0	6	16	5	10	n.	S. C. Story
Stuttgart	Arkansas	214	56	54.0[b]	0.0	81[a]	15	28[c]	8	7.63	+2.27	1.52	27–28	0.0	9	19	5	7	c.	Geo. L. Clark
Stuttgart 9 miles e ‡‡	Arkansas	198	8	52.6[e]	......	......	......	29	8§	7.74	......	1.78	28–29	0.0	10	......	......	..	......	University of Arkansa
Subiaco	Logan	750	45	52.0	−1.3	81	14	25	8	5.37	+1.60	2.20	15	T.	6	21	2	8	s.	New Subiaco Abbey

Climatological Data for March, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	59	55.0	− 1.5	81	14	30	8	6.27	+2.00	1.77	18−19	0.0	12	9	9	13	nw.	U S. Weather Bureau
Turnpike†	Pope	2240	19	45.4	......	76	14	15	8	6.20	+2.33	1.47	15−16	0.7	13	16	2	13	ne.	U. S. Forest Service
Waldron	Scott	675	24	51.7	......	82	14	26	8	4.59	+0.94	1.91	15−16	0.0	12	7	15	9	nw.	William D. Bivens
Warren	Bradley	206	49	56.8	+ 0.7	84	15	29	8	9.27	+3.96	4.65	28	0.0	11	10	4	17	sw.	C. N. Turner
Whitecliffs	Little River	290	37	.. .	......	......	......	......	......	9.68	+5.39	2.70	19	0.0	11	16	1	14	......	L. M. Snead
White Rock†	Franklin	2285	7	44.6	......	75	14	14	8	6.02	......	2.30	15	T.	12	14	7	10	se.	U. S. Forest Service
Wilson	Mississippi	237	18	51.2	− 0.6	83	15	25	8	5.34	+0.89	2.65	20	0.0	5	12	4	15	sw.	D. O. Anderson
Wynne	Cross	167	35	51.0	− 0.9	80	14†	26	9	4.80	−0.30	1.23	18−19	T.	11	..	..	..	......	Mrs. Claudia A. Ford
State Means		.. .	..	51.3	− 1.1	87	15	14	8	6.13	+1.48	6.99	28	0.2	10	12	8	11	s.	

Daily Precipitation for March, 1944

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott [2]	Arkansas																																
Alum Fork Reser.	Arkansas			.05	.49		.42						.09				1.78			1.75	T		.29				T	1.09	.13	.22			6.31
Aplin [2]	Arkansas				1.00		T.						T.				1.76		T.	1.32	.24							.82	.21	.14			5.49
Arkadelphia [2]	Ouachita				.90		*	.15					T				1.45	T.		3.00	.20		.06	.42				1.40	1.20	.78			9.56
Arkansas City [2]	Mississippi				.03			.14										.02		1.19	.02		T.	.45				2.93	2.61	4.41			11.80
Augusta [2]	White				.79			.33					T.				.54	.26		2.47	.11			.12				.40	.28	.52			5.82
Batesville Air'y [1]	White			.75			.26	T.				T.	.12			.65	.06		.96	.33	.05	.02	.07				.83		.46				4.56
Batesville Livestk [2]	White				.64		.14						.13				.73	T.		1.15	.17			T				.40		.49			3.85
Batesville River [2]	White				.67			.10	T.				.10				.73			1.45	.25			.10				.56		.36			4.32
Beaty Lake	St. Francis			T.	.62		.18	T.					T				.83	.07		1.05	.15		.14	.04			T	1.46	1.17	1.15			6.86
Bee Branch	Arkansas			.90			.40					.20					1.20			1.25	.15		.05					.80		.30			5.25
Beech Grove	White				1.20		.60										.45			1.25								.90					4.40
Beedeville [2]	White				.82			.38					.07				.49	.17		2.60	.11			.11				.45	.07	.83			6.10
Benton [2]	Saline				.39			.31									.78	.03		3.24	.31		.09	.02				.36	1.00	.68			7.21
Bentonville [2]	Arkansas				.04		.48						.31			2.06	.07			*	2.21		.35				T.			.19	T.		5.71
Bethesda [2]	White				.61		.18										.89			1.32								.40		.44			3.84
Big Lake Outlet [2]	St. Francis				1.30	T.		.34	T				.02	T.			.05	.04		3.18	.20	T.		.24				.75	T.	.61			6.73
Black Rock [2]	White				.99		.24										.60			.75	.05							.33		.30			3.26
Bluff City	Ouachita			.77	.10		.15										.70		.22	.37	.08		.50					.18	1.54	1.70			6.31
Blytheville [2]	St Francis				.97			T.	.15					.01			T.			2.88	.03			.38				1.47	.03	.61			6.53
Booneville 3 mi- w	Arkansas				.82		.11	.02					.07			*	2.09		*	1.85		*	.27					.02	.39				5.64
Booneville [2]	Arkansas				.35		.22		.02				.11				1.96			1.34	.45		.23	.07				.02		.24			5.01
Boughton [2]	Ouachita				.71												.84			1.56	.19		.09	.67				.73	1.03	.82			6.64
Brinkley [1]	White			.86	.09		.07	T.				T.	.02			.08	1.07		.76	.34	T.	T.	.18				.37	.24	2.44	T.			6.52
Burdette	Mississippi				1.00		.17								.16				.07	3.84			.32					.83	.09	.80			7.28
Calico Rock [2]	White				.45		.45		.02				.22				1.10			.99	.15		.02					.70		.62	.02		4.74
Camden [2]	Ouachita				.42			28				05					.14	.31		.59	.15			.33				.11	2.53	1.63			6.54
Camp Robinson [1]	Arkansas			.34	.24		.20						.11			.15	1.19		2.15	.31	.02	.01	.19				.22		1.10	.20			6.43
Carlisle [2]	Arkansas				.44			.20				T.	T.	T.			.64	.85		1.48	.10			.16				.29	1.20	.61			5.97
Clarendon [2]	White				71		T.	.14					.03	.02			.34	.52		.89	.07			.26				.61	1.27	1.39			6.25
Cold Springs [2]	Ouachita						.20						.10				2.50			*	1.60		.20					.93		.23			5.76
Conway	Arkansas			.03	.60		.26										1.33		.27	1.54	.04		.29					.81	.16	.21			5.54
Corning [2]	White				.10	.80		.66						.13			.32			.55	.37						.05		.05	.36			3.39
Cotter [2]	White				.13								.15			T.	.97		T	.71	.49		.06					.31		.42			3.24
Crossett	Ouachita						.16					.02	.04				.21		1.95	1.09	.03		.43	T.				2.56	3.21	1.03			10.73
Crystal Valley [2]	Arkansas				.75			.05												2.75	.31	.03	.15				.38	1.00	.65				6.07
Danville [2]	Arkansas				.28			.11					.03				1.98	.03		1.28	.25		.14	.01				1.09		.21			5.41
Dardanelle [2]	Arkansas				.30		.24						.06				1.66	.03		1.51	.21		.06	.02				.22		.24			4.55
Denmark [2]	White				.96			.34					.10				.61	.09		1.69	.14			.18				.53		46			5.10
De Queen	Red			.20	.11											2.60	.30			1.05		.29	.27					1.65	.13				6.60
Dermott [2]	Mississippi	.10			.02			.07						T.					T.	1.26			.02	.58				2.80	2.00	4.58			11.43
Des Arc [2]	White				.50			.23	T				.04				.73	.96		1.09	.12		.18					.69	.86	.92			6.32
Devils Knob	Arkansas			.10	57		.15						.26			.38	1.57		T.	1.10	.17		.23					.17	.18	.21			5.09
Dumas	Mississippi			.16	.22		.14						.02				.50	.03	.16	.97	.02		.40	.05					3.10	.92			6.69
Eagle Gap [2]	Arkansas				.47		.10						.16				1.95			1.02	.47		.40	.08				.41		.22			5.28
El Dorado [2]	Ouachita				.20			.13									.28	.56		1.05	.10		03	.27				.10	2.09	3.25			8.06
Eleven Point	White			.04	.67		.33					T.	.18		T.	T.	.40		T.	.82	.09		T			T.	T.	.36	.09	.67			3.65
England	Arkansas			.31	.53		.15					T.	.03			T.	1.20		T.	1.45			.27					.45	1.45	.90			6.74
Eureka Springs	White			.26			.48	.03					.32			1.74	.25		.20	1.63	.18	.15	32						.23	12		T.	5.91
Evening Shade [2]	White				.75			.37	T.				.10				.65	.01		.91	.38							.49		.47			4.13
Fayetteville	White			.07			.15	.02					.18			2.28	.17		.25	2.97	.14	.06	.10				.01	T.	.11	.08	T		6.59
Fayetteville Exp. S	White			.05	.02			.01					.21		T.	2.23	.31		.06	2.59	.07	.02	.20				.01	T	.11	.06	T.		5.95
Fordyce	Arkansas			*	.78		.33					.03							.70		.57		.46					.43	1.78	1.00			6.08
Forester [2]	Arkansas				1.58												1.90			1.23	.29							.70					5.70
Fort Smith [1‡]	Arkansas			.39			.31	.01				T.	T			1.40	.03		1.19	.82		.35	T.				.48		.20				5.18
Fort Smith W. [1]	Arkansas			.44			.06						.02			1.80			.56	.59		.25					.09		.08				3.89
Fulton [2]	Red			T.	.94		.17		T.			.02		T.			.83	T.		1.78	.32		.10	.61			T.	.49	.70	.16			6.12
Georgetown [2]	White				1.90			.21					.04				.60	.45		1.77	.11			.16				.65	.40	.75			7.04
Gilbert [2]	White				.32		.22						.24				1.37			.75	.07		.07					1.06		.40	T.		4.50
Glenwood [2]	Ouachita				.56		.23										1.87			1.36	.37		.27	.22				1.47	.41	.12			6.88
Grannis	Red			.43		.16	.10						.09			1.91	1.11		.82	.88		.30	.20				T.	.82	.03				6.85
Gravelly [2]	Arkansas				1.03												1.90			1.05	.28		T.					.53					4.79
Gravette	Arkansas						.39						.23			1.98				.84		.25	.14						*	.34			4.17
Green Forest	White			.17	.02		29	T.					.39			1.09	.49		.19	1.38	.30		.11					.29					4.72
Green Mountain	White			*	.50		.40						.20			*	1.10			1.00	T						*	.45	*	.50	T.		4.15
Greenwood [2]	Arkansas				.38		.10										1.00			2.02	.48		.05	.30						.25			4.58
Harrisburg [2]	St. Francis			.75				.35					.05				.25			3.05				.15				.70		.70			6.00
Harrison	White			.07	.28			T					.36			.52	.80		.12	1.34	.18		.16					.08	.20	.18	T.		4.29
Heber Springs [2]	White				.69			.22					.12				.81			1.38	.15		.05	.05				.62		.18			4.27
Helena [2]	Mississippi				.80		.02	.06										.03		1.48	.06			.40				1.02	.96	2.75			7.58
Henderson [2]	White				.38		.30										1.15		.05	.83		.30	.20					.80		.40			4.41
Highland	Ouachita																																
Hollis	Arkansas				.90		.28										1.80			1.57			.27					1.10	.21	.16			6.29
Hope [2]	Red				1.22		.53	.02	T.		T	T.					1.08	.03		1.38	.33		.08	.60			.01	.34	.72	.56			6.90
Hot Springs	Ouachita			T.	.70		.38						.05				1.45			1.95	.02		.47					.76	.50	.13			6.46
Huttig [2]	Ouachita			.05				.13				T.	.09					.47		1.64	.04		T	.41				1.46	2.04	3.22			9.50
Index [2]	Red				.85		.35	T.									.85	T.		1.90	.30		.30	.60				.85	2.00	.10			8.10
Jessieville	Ouachita				.63		.39	.06					.15				1.75			1.80	.35		.17	.38	T.			1.05	.35				7.15
Jonesboro [2]	White			.07	.93		T	.38	T.				.06	.01			.35	.10		2.31	.25			.12				.60		.56	T.		5.67
LaCrosse [2]	White				.46		.26						.26				.88			.25	.27		.01					.57		.71			3.67
Lake City [2]	St. Francis				.81		T.	.41						.11			.27		T	.99		.12		.08					.66		.50		3.95

Daily Precipitation for March, 1944 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Lead Hill	White	....	....	.31	....	....	.28	.01	....	....	....	....	.15	....	....	.77	.41	....	.15	1.19	.10	....	.09	....	....	....	....	.02	.38	.03	T.	....	3.89
Little Rock[1]‡	Arkansas	....	....	.63	.01	....	.31	T.	....	....	....	T.	.07	....	....	.10	1.06	....	3.21	.21	T	.03	.21	....	....	....	.40	.13	1.46	....	....	....	7.86
Lutherville	Arkansas	....	....	.14	.53	....	.13	....	....	....	....	....	....	....	....	.80	1.20	....	....	1.50	.10	....	.13	.05	....	....	....	.32	.07	.36	....	....	5.33
Madison[2]	St. Francis	....	....	....	.45	....	.05	.26	....	....	....	....	....	....	....	....	.35	.20	1.10	....	.15	....	.16	....	....	....	....	.85	1.00	1.50	....	....	6.07
Magnolia	Red	....	....	.27	....	....	.21	....	....	....	....	....	....	....	....	....	.48	....	.05	.64	.02	....	.58	....	....	....	....	....	1.68	1.10	....	....	5.03
Mammoth Spg[2]	White	....	....	....	.65	....	.27	....	T.	....	....	....	.20	....	....	....	.68	....	.10	.95	.14	....	....	.03	....	....	....	.50	....	.53	T.	....	4.05
Marianna[2]	St. Francis	....	....	1.10	....	....	.20	....	....	....	....	....	....	....	....	....	....	.45	....	1.00	....	....	....	.42	....	....	....	1.20	....	3.05	....	....	7.42
Marked Tree[2]	St. Francis	....	....	....	1.05	....	....	.16	....	....	....	....	.05	....	....	....	.20	.17	....	2.22	.13	....	....	.17	....	....	....	.60	.26	.98	....	....	5.99
Marshall	White	....	....	T.	.55	....	.41	03	....	....	....	T.	.24	....	....	.32	1.41	....	.01	.96	.20	....	.09	....	....	T.	T.	.57	.23	.30	.03	....	5.35
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mena[2]	Ouachita	....	....	....	1.19	....	.08	....	....	....	....	....	.09	....	....	....	3.16	T.	....	1.10	....	....	.26	.09	....	....	....	1.04	T.	.04	....	....	7.05
Monticello[1]‡	Ouachita	....	....	.06	.04	....	.21	....	....	....	....	T.	T.	....	....	....	.36	....	.38	.39	....	....	.40	....	....	....	44	.50	6.99	T	....	....	9.77
Morobay[2]	Ouachita	....	....	....	.11	....	....	.12	....	....	....	....	T.	....	....	....	.25	.90	....	.87	.10	....	.02	.25	....	....	....	.38	2.27	3.53	....	....	8.80
Morrilton[2]	Arkansas	....	....	....	1.35	....	T.	....	....	....	....	T.	.15	....	....	....	1.50	.10	....	1.60	.20	....	.05	.10	....	....	....	.75	.10	.65	....	....	6.55
Mountainburg	Arkansas	....	....	.54	....	....	.20	....	....	....	....	....	.21	....	....	1.67	.25	....	.50	.71	.07	.07	.26	....	....	....	....	.16	.12	....	....	....	4.76
Mountain Home	White	....	....	.25	T.	....	.40	....	....	....	....	....	.12	....	....	.30	.55	....	T.	.95	.15	....	.08	....	....	....	....	.50	.35	T.	....	....	3.65
Mountain Valley	Ouachita	....	....	....	.38	....	.18	....	....	....	....	....	.12	....	....	....	1.84	....	....	1.80	....	....	.36	....	....	....	....	1.00	.28	.12	....	....	6.08
Mountain View[2]	White	....	....	....	.48	....	.20	....	T.	....	....	....	.17	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	.50	....	.85	....	....	2.20
Mount Ida	Ouachita	....	....	.06	.24	....	.34	....	....	....	....	....	.16	....	....	.30	2.43	....	.33	1.09	.06	....	.38	....	....	....	....	1.82	.53	....	....	....	7.74
Mulberry[2]	Arkansas	....	....	....	.40	....	.51	....	....	....	....	....	.20	....	....	.40	1.69	....	....	.50	.45	....	.25	T.	....	....	....	.31	....	.47	....	....	5.18
Nashville	Red	....	....	.30	70	....	.09	....	....	....	....	....	....	....	....	....	1.42	....	*	3.63	....	....	.46	....	....	....	....	.91	.60	....	....	....	8.11
Newhope[2]	Ouachita	....	....	.25	.37	....	.18	....	....	....	....	....	.08	....	....	....	2.01	....	....	1.31	.42	....	.35	.15	....	....	....	1.70	.50	....	....	....	7.32
Newport[2]	White	....	....	....	.69	....	....	.25	....	....	....	....	.06	....	....	....	.50	.16	....	2.02	.12	.06	.05	.18	....	....	....	.40	....	.65	....	....	5.14
Nimrod Dam	Arkansas	....	....	.03	1.51	....	.03	....	....	....	....	....	.13	....	....	....	2.40	....	....	1.49	.05	....	.13	.02	....	....	....	.84	.07	.18	....	....	6.79
Odell[2]	Arkansas	....	....	....	.32	....	.14	....	....	....	....	....	26	....	....	.25	1.15	....	....	.88	1.11	....	.28	....	....	....	....	.14	....	.27	....	....	4.80
Oden	Ouachita	....	....	....	.65	T.	....	T.	....	....	....	....	.20	T.	....	.30	2.50	....	1.17	.26	....	.20	20	....	....	....	....	....	1.00	.15	....	....	6.53
Okay	Red	....	....	.21	.88	....	....	....	....	....	....	T.	....	....	....	T	1.18	....	.88	2.50	.12	....	.58	.09	....	....	....	.53	1.22	.10	....	....	8.29
Osceola[2]	Mississippi	....	....	....	.80	....	....	....	.20	....	....	....	....	T.	....	....	.08	....	.12	3.13	....	....	....	....	.15	T.	....	....	.82	.05	.98	T.	6.33
Ozark[3]	Arkansas	....	....	....	.45	....	.30	....	T.	....	....	....	.17	....	....	....	1.76	....	....	.59	.47	T	.19	T.	....	....	....	.17	....	.22	....	....	4.32
Paragould	St. Francis	....	....	.03	.96	....	.37	T.	....	....	....	....	.10	....	....	....	.24	....	.02	1.92	.29	....	.14	.05	....	....	....	.81	.02	.47	....	....	5.42
Parkin[2]	St. Francis	....	....	....	.45	....	....	.15	....	....	....	....	....	....	....	....	21	.23	....	1.49	....	....	....	.20	....	....	....	.60	.38	1.24	....	....	4.95
Perryville	Arkansas	....	....	.88	T	....	.21	....	....	....	....	....	.07	....	....	*	1.48	....	.20	1.60	....	....	.26	....	....	....	....	1.20	....	.40	....	....	6.30
Pine Bluff[2]	Arkansas	....	....	....	1.16	....	....	.37	....	....	....	T.	T	.04	....	....	.17	85	....	1.45	.05	....	.04	.50	....	....	....	.39	.94	1.37	....	....	7.33
Pine Ridge[2]	Ouachita	....	....	....	.63	....	.06	....	....	....	....	....	.14	....	....	....	2.71	....	....	1.13	....	....	.31	.18	....	....	....	.67	.29	.06	....	....	6.18
Pocahontas	White	....	....	....	.72	....	.42	....	....	....	....	....	.20	....	....	....	.41	....	T.	.87	.18	....	....	....	....	....	.03	.42	.09	.43	....	....	3.77
Portland[2]	Ouachita	....	....	....	....	....	....	.22	....	....	....	....	....	....	....	....	....	T.	....	2.05	.05	....	....	.65	....	....	....	3.00	1.00	3.50	....	....	10.47
Prescott[2]	Ouachita	....	....	....	1.14	....	....	.37	....	....	....	T	....	....	....	....	.74	.04	....	1.06	21	....	.10	.73	....	....	T.	.48	.93	.84	....	....	6.64
Red Star	White	....	....	.11	.49	....	.56	.01	....	....	....	....	.38	....	....	.68	1.68	....	....	.90	.16	....	.22	....	....	....	....	.12	.10	.25	....	....	5.66
Rogers	White	....	....	.18	T.	....	....	T	....	....	....	....	.20	....	....	2.10	....	....	.18	.72	.52	.11	.33	....	....	T	.01	....	.14	....	.02	....	4.51
Rosebud	Arkansas	....	....	....	1.03	....	.23	....	....	....	....	....	.15	....	....	1.06	....	....	*	1.56	.12	....	.24	....	....	....	....	.56	....	.12	....	....	5.07
Russellville	Arkansas	....	....	.08	.42	....	.25	....	....	....	....	....	.06	....	....	.12	1.54	....	....	1.97	.06	....	.09	....	....	....	....	.19	.03	.23	....	....	5.04
St. Charles[2]	White	....	....	....	.70	....	....	.28	....	....	....	....	....	....	....	....	.15	.15	....	2.07	.08	....	....	.37	....	....	....	.40	1.54	2.34	....	....	8.08
St. Francis[2]	St. Francis	....	....	....	.85	....	....	.52	....	....	....	....	.10	....	....	....	.18	....	.07	.69	.12	....	....	.08	....	....	....	.91	....	.37	....	....	3.89
Searcy[2]	White	....	....	....	.74	....	....	.37	....	....	....	....	.06	....	....	....	.67	.22	....	2.35	.18	....	.03	.29	....	....	....	.39	.16	.55	T	....	6.01
Sheridan	Ouachita	....	....	.23	.43	....	.09	....	....	....	....	....	.03	....	....	....	.64	....	.20	2.78	.04	....	.42	....	....	....	....	.90	1.03	.86	....	....	7.65
Shirley[2]	White	....	....	....	.79	....	.18	....	....	....	....	....	.20	....	....	....	1.12	....	....	1.11	.25	....	....	....	....	....	....	.32	....	.33	....	....	4.30
Siloam Springs	White	....	....	.03	....	....	.64	.01	....	....	....	....	.29	....	....	2.40	.04	....	.70	2.11	.10	.18	.06	....	....	....	.02	T.	.24	.01	T.	....	6.83
Sparkman	Ouachita	....	....	.95	.40	....	.28	....	....	....	....	....	....	....	....	....	.46	....	.38	.74	....	....	.43	....	....	....	....	.33	*	1.95	....	....	5.92
Springbank[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	....	....	.27	....	....	.30	....	....	....	....	....	....	....	....	....	.59	....	49	.30	....	T	.49	....	....	....	.10	*	3.70	.50	....	....	6.74
Stephens[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve[2]	Arkansas	....	....	....	1.30	....	....	....	....	....	....	....	....	....	....	....	2.20	....	....	1.02	.51	....	....	....	....	....	....	.91	....	....	....	....	5.94
Story[2]	Ouachita	....	....	....	.84	....	....	....	....	....	....	....	....	....	....	....	3.03	....	....	.99	....	....	....	.54	....	....	....	1.63	....	.13	....	....	7.16
Stuttgart[2]	Arkansas	....	....	....	1.08	....	....	.25	....	....	....	....	....	....	....	....	*	.80	....	1.55	.09	....	....	.43	....	....	....	79	1.52	1.12	....	....	7.63
Stuttgart Evap[2]	Arkansas	....	....	....	1.06	....	....	.24	....	....	....	....	....	.07	....	....	.24	55	....	1.49	....	....	....	.34	....	....	....	.89	1.08	1.78	....	....	7.74
Subiaco	Arkansas	....	....	....	.55	....	.20	T.	....	....	....	....	T.	....	....	2.20	....	....	....	1.67	....	....	.32	T.	....	....	....	....	.48	....	T	....	5.37
Sugar Grove[2]	Arkansas	....	....	....	.10	....	....	....	T.	....	....	....	....	....	....	....	2.94	....	....	1.00	.47	....	.12	.03	....	....	....	.21	....	.20	....	....	5.07
Texarkana[1]	Red	....	....	.34	....	....	.29	....	....	....	.02	T.	T	....	....	.41	.83	....	1.45	.44	....	.11	.61	....	....	....	.40	.34	1.03	....	....	....	6.27
Tichner	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.57	.12	....	.01	.33	....	....	....	.26	.99	2.14	....	....	....
Turnpike	Arkansas	....	....	.07	.70	....	.33	T	....	....	....	....	.32	....	....	.71	1.47	....	.03	1.12	.12	....	12	....	....	....	....	.48	.72	....	.01	....	6.20
Viola[2]	White	....	....	....	.55	.20	....	....	....	....	....	....	....	....	....	....	1.10	....	.20	.63	.33	....	....	....	....	....	....	.72	....	.52	....	....	4.25
Waldron[2]	Arkansas	....	....	....	.08	....	.35	....	....	....	....	....	.06	....	....	....	.41	1.50	....	.14	1.32	....	.04	.21	....	....	....	.24	....	.20	.04	....	4.59
Walnut Grove	White	....	....	....	1.05	....	.25	....	....	....	....	....	....	....	....	....	.62	....	....	1.26	.30	....	.11	....	....	....	....	.29	T.	.25	....	....	4.23
Warren	Ouachita	....	....	.20	....	....	.12	....	....	....	....	.02	....	....	....	....	.95	....	.18	.95	.03	....	.55	....	....	....	....	.07	4.65	1.55	....	....	9.27
Whitecliffs[2]	Red	....	....	....	1.51	....	.12	....	....	....	....	....	....	....	....	....	1.57	....	....	2.70	.40	....	.10	.65	....	....	....	.60	1.03	1.00	....	....	9.68
White Rock	Arkansas	....	....	.51	T.	....	....	....	....	....	....	....	....	.67	....	2.30	.17	....	.40	1.00	.07	.10	.25	....	....	....	....	.18	.26	.11	T	....	6.02
Wilson[2]	Mississippi	....	....	....	.47	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.65	....	....	.30	....	....	....	....	.99	.93	....	....	5.34
Wynne[2]	St. Francis	....	....	....	.55	....	.16	....	....	....	....	....	.03	....	....	....	.33	.34	....	1.23	.06	....	.15	....	....	....	....	.38	.42	1.15	....	....	4.80

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for March, 1944

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda §§	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	39	50	46	49	51	49	39	34	36	40	38	54	54	60	64	58	54	52	36	36	42	48	52	52	56	52	52	45	40	39	49	58.2
	Wind move	93	66	86	163	178	128	211	228	86	64	94	172	82	123	136	68	83	183	115	115	45	109	80	78	178	175	154	125	169	181	113	3881
Hope §§ Exp. Farm	Evap.	.096	.101	.120	.183	.161	....	.182	.156	.120	.120	.044	.066	.126	.102	.154	.108	.115	.109	....	.065	.023	.040	.000	161	.187	.161	.087	.180	.096	.145	.150	3.358
	Mean tem.	48	50	50	56	52	51	44	40	48	47	52	59	64	66	63	65	56	56	45	40	48	46	51	56	56	64	58	51	45	46	58	52.4
	Wind move	32	32	32	99	69	58	69	106	47	54	22	43	43	28	39	33	60	38	84	76	23	52	44	63	60	76	50	84	89	64	45	1714
Nimrod Dam	Evap.	.110	.096	.082	.202	.134	.079	.242	.209	.082	.138	.084	.110	.132	.134	.106	.094	.126	.116	.050	.024	.054	.024	.120	.180	.186	.090	.120	.044	.128	.158	.162	3.616
	Mean tem.	43	47	54	50	45	56	42	40	41	46	56	60	60	70	66	56	56	62	46	40	48	48	50	54	60	55	54	50	42	41	50	51.2
	Wind move	11	13	32	147	24	138	91	134	18	19	25	25	19	14	54	33	43	17	20	29	11	4	85	49	55	5	42	5	132	107	86	1487
Russellville	Evap.	.108	.060	.114	.314	.110	.264	.052	.254	.082	.092	.108	.030	.120	.202	.124	....	.112	.058	....	.120	.064	.080	.126	.118	.176	.128	.106	.136	*	.278	.136	3.672
	Mean tem.	46	50	53	52	44	54	42	38	41	46	59	60	60	65	70	58	55	64	52	40	42	48	50	54	60	52	54	58	47	42	52	51.9
	Wind move	28	29	15	86	40	77	66	41	80	21	35	39	31	29	16	31	33	25	49	25	40	29	51	19	38	46	43	33	*	132	24	1251
Stuttgart, §§ Rice Exp. Farm	Evap.	.098	.082	.079	.061	.136	.049	*	*	.364	.099	.096	.078	.159	.118	.260	.140	....	.144	.039	.018	.051	.087	...	.118	.169	.191	.155	.086	.017	.212	.002	3.108
	Mean Tem.	....	....	....	....	....	....	....	....	....	....	50	60	60	64	66	61	55	58	41	44	48	50	52	52	58	59	56	55	46	42	50	52.6
	Wind move	63	59	36	102	135	89	129	167	88	74	34	104	44	52	55	63	42	85	137	63	63	67	49	56	100	118	85	89	132	85	44	2508

Daily Temperatures for March, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork........	Maximum	55	63	62	59	60	65	54	51	54	63	65	65	75	80	79	70	72	72	61	47	57	57	60	71	70	68	67	58	50	50	71	62.9
	Minimum	30	32	42	40	31	45	32	35	28	30	46	52	45	49	56	53	41	54	37	32	33	41	39	34	51	42	44	46	33	30	29	39.7
Arkadelphia ....§§	Maximum	62	68	65	64	78	83	62	58	62	62	82	83	83	84	83	73	83	84	46	47	65	56	81	83	83	83	83	64	62	61	72	71.1
	Minimum	34	34	36	50	36	46	34	27	27	32	35	49	53	50	50	56	39	40	43	37	37	40	39	35	36	49	45	47	35	33	33	39.9
Batesville Air..***	Maximum	54	62	61	56	49	64	51	48	51	60	78	64	68	81	75	61	75	62	41	46	55	64	64	70	70	66	65	59	53	52	68	61.1
	Minimum	28	30	43	42	40	38	28	25	26	27	44	44	42	49	58	45	38	40	33	30	33	40	41	35	44	40	42	43	34	31	31	37.5
Batesville,Livestk§§	Maximum	52	62	63	50	64	57	52	47	49	54	60	63	66	80	73	60	73	63	36	44	55	61	63	70	66	68	65	47	51	51	66	59.1
	Minimum	24	27	29	47	38	40	27	23	23	25	26	48	41	43	58	57	37	42	35	28	29	35	40	35	47	39	39	43	32	29	30	36.0
Bee Branch........	Maximum	55	60	58	52	51	51	50	47	51	59	66	63	69	77	80	69	67	65	61	49	54	58	61	69	67	58	65	63	52	50	67	60.1
	Minimum	28	30	38	39	29	43	29	22	27	25	44	50	40	48	51	56	36	41	34	29	30	39	37	36	45	39	40	44	31	30	28	36.7
Benton ....§§	Maximum	54	64	59	58	67	67	58	54	53	62	66	67	76	81	77	68	72	71	43	48	57	60	64	63	68	72	65	54	53	52	71	62.7
	Minimum	30	29	30	46	30	31	29	25	26	28	32	49	51	45	49	55	35	35	41	35	32	37	40	31	32	40	31	44	35	30	29	35.9
Bentonville .....§§	Maximum	60	64	59	59	59	47	44	46	50	63	65	56	71	77	62	48	70	64	35	43	56	55	61	71	49	62	60	52	42	46	71	57.0
	Minimum	29	29	34	35	31	31	24	20	20	30	33	42	40	50	51	39	34	35	33	20	23	34	34	33	41	37	35	35	23	23	24	32.3
Bethesda.........§§	Maximum	51	61	63	50	64	58	51	46	49	54	50	61	66	79	72	60	71	63	36	43	55	61	63	70	66	65	64	47	49	49	66	58.2
	Minimum	27	28	30	48	38	40	27	23	23	27	26	48	42	42	56	57	37	42	35	28	29	35	40	35	47	39	39	43	32	29	32	36.3
Bluff City..........	Maximum	59	65	62	65	70	69	58	53	65	62	66	71	77	83	81	74	75	74	67	43	60	59	62	74	73	78	77	65	55	57	73	66.8
	Minimum	34	36	49	49	36	53	31	28	47	36	48	56	53	52	55	56	33	60	42	35	36	46	40	40	54	51	48	50	36	32	37	43.8
Blytheville........	Maximum	47	61	67	59	51	65	51	44	45	61	73	67	66	83	81	71	73	70	50	44	56	68	61	69	75	75	70	57	56	50	65	62.3
	Minimum	25	26	43	40	35	44	28	25	25	26	46	48	36	47	52	56	36	46	32	26	28	40	43	37	43	38	44	43	34	29	26	37.0
Booneville	Maximum	57	67	65	61	64	65	54	53	56	65	67	66	76	82	76	58	73	74	59	49	57	56	61	74	72	67	67	62	50	50	76	63.8
	Minimum	35	36	52	38	33	43	30	24	31	31	46	52	51	56	58	47	32	49	39	32	38	43	34	34	54	43	39	48	31	32	31	40.1
Brinkley ....***	Maximum	52	61	61	60	58	68	54	48	50	60	68	67	72	80	79	61	69	70	44	47	56	66	62	69	75	76	65	59	53	50	65	62.1
	Minimum	32	35	44	42	39	41	32	28	29	31	51	46	42	55	56	55	42	44	31	33	35	44	44	37	46	44	48	47	38	36	32	40.6
Camden.	Maximum	62	65	65	67	67	69	59	59	66	64	64	72	77	84	83	76	75	76	69	47	62	60	62	73	77	78	75	70	61	59	71	68.2
	Minimum	36	38	46	53	40	54	34	30	36	39	47	54	54	49	53	55	43	56	43	36	38	41	44	41	53	54	52	54	38	38	42	44.9
Camp Robinson ***	Maximum	53	62	60	61	53	66	57	51	57	60	66	65	74	82	78	62	71	74	45	48	56	62	62	73	74	70	65	55	52	51	72	62.5
	Minimum	30	31	44	40	33	41	30	26	28	29	46	49	45	50	55	45	46	42	35	31	33	42	39	33	47	44	43	45	33	31	28	38.5
Conway	Maximum	56	64	60	61	58	64	58	53	52	65	71	66	75	85	77	70	75	72	55	50	57	61	66	75	72	69	68	61	55	54	74	64.5
	Minimum	30	32	44	43	31	43	28	26	28	29	48	53	45	50	55	57	38	55	37	32	35	41	39	34	51	43	41	47	35	32	30	39.7
Corning	Maximum	51	61	67	60	46	63	64	45	46	60	72	70	66	83	87	81	72	71	46	47	54	66	66	72	72	74	78	66	55	64	66	64.2
	Minimum	23	28	41	44	29	39	28	25	26	26	46	48	39	51	56	57	38	45	33	28	31	38	42	38	47	38	45	43	34	30	29	37.7
Crossett............	Maximum	60	66	68	74	71	71	61	57	67	66	62	72	78	83	81	76	77	75	67	48	63	63	66	74	83	77	74	65	62	64	74	69.2
	Minimum	29	31	35	62	32	55	29	24	26	36	46	48	51	46	49	59	54	53	46	38	41	47	50	30	46	57	56	55	40	30	33	43.0
Dardanelle........	Maximum	61	66	66	61	66	60	55	51	52	63	66	67	74	83	82	67	71	72	65	50	55	55	65	74	74	63	65	65	52	52	75	64.3
	Minimum	35	36	46	41	35	46	30	26	29	34	50	53	49	50	59	52	37	57	39	34	38	42	38	36	53	43	42	50	33	34	32	41.3
De Queen....	Maximum	59	66	62	64	65	62	59	54	68	63	65	71	75	73	80	70	70	70	64	50	54	58	65	73	70	72	72	64	57	58	73	65.4
	Minimum	35	37	56	42	36	48	33	27	32	36	47	56	55	52	60	52	35	61	40	34	37	48	35	34	48	50	45	54	33	30	32	42.6
Des Arc	Maximum	52	62	62	57	53	64	53	53	49	59	69	69	72	80	80	76	70	70	64	47	56	71	62	69	69	73	73	54	55	53	66	63.3
	Minimum	32	34	48	46	38	48	31	27	32	34	49	54	46	57	58	55	47	57	38	33	36	45	46	40	58	43	47	52	36	36	33	43.1
Devils Knob.......	Maximum	50	55	52	50	45	48	42	42	50	58	57	55	64	72	68	55	64	59	38	38	53	51	57	65	59	53	61	59	44	44	64	53.9
	Minimum	27	30	44	31	29	34	20	14	25	29	42	41	42	52	51	45	36	38	28	22	30	38	29	41	39	33	34	40	20	21	32	33.5
Dumas	Maximum	57	64	60	69	65	70	59	53	60	70	73	68	79	84	80	69	74	74	68	46	60	65	64	73	82	82	76	65	60	55	70	67.5
	Minimum	33	46	45	56	50	55	44	28	33	38	52	53	46	52	55	57	45	45	41	38	38	45	46	39	51	44	54	54	40	37	36	45.0
El Dorado	Maximum	69	71	70	71	69	69	59	57	70	62	67	72	77	83	76	72	73	76	65	46	63	64	64	74	81	80	71	67	58	57	61	68.2
	Minimum	35	40	46	50	40	39	34	30	36	40	45	51	55	56	56	55	50	61	43	37	40	48	45	37	52	54	55	54	39	37	39	45.1
England......... .	Maximum	64	61	57	60	56	69	58	52	54	61	69	68	73	82	83	75	71	74	65	50	60	63	62	71	70	74	74	66	60	65	68	65.6
	Minimum	31	32	42	46	33	38	34	28	30	30	46	52	48	54	54	55	40	55	38	36	36	43	42	38	38	47	49	47	38	36	34	41.0
Eureka Springs ...	Maximum	59	63	60	59	59	57	43	45	48	63	65	59	70	78	75	55	68	65	42	39	54	57	60	71	68	66	62	55	43	45	71	58.8
	Minimum	27	32	48	35	31	36	25	18	28	33	43	40	46	56	52	40	37	42	29	25	34	40	34	44	37	36	34	39	24	23	33	35.5
Fayetteville.......	Maximum	60	64	61	60	58	58	45	46	53	63	64	61	70	78	74	55	70	68	47	44	57	56	60	72	70	63	62	60	45	47	71	60.0
	Minimum	28	39	51	35	32	36	24	20	27	35	45	42	46	57	53	40	34	46	31	26	35	44	35	42	39	37	38	39	24	26	34	36.8
Fayetteville Exp. S	Maximum	59	62	59	61	56	55	44	46	50	61	62	60	69	76	74	55	69	65	49	42	57	55	59	69	68	63	60	58	43	46	69	58.7
	Minimum	28	36	49	34	29	34	22	18	27	33	44	41	44	53	52	38	32	49	29	24	34	43	34	41	38	36	36	41	23	23	32	35.4
Fordyce............	Maximum	60	63	58	57	68	68	60	56	64	66	64	70	80	83	78	70	75	72	67	44	61	63	67	75	69	79	79	63	59	60	73	66.8
	Minimum	32	35	48	42	38	36	31	27	34	36	48	54	45	51	56	54	42	61	42	42	38	47	41	41	52	51	50	52	37	33	39	43.1
Fort Smith.....***	Maximum	57	66	63	59	63	55	51	50	56	63	69	65	76	81	70	58	70	72	49	48	54	58	60	74	62	62	65	55	48	48	74	61.3
	Minimum	38	39	53	39	37	38	32	26	34	36	48	54	53	56	58	42	37	49	33	32	40	43	35	40	47	45	44	34	31	33	35	40.7
Gilbert...........§§	Maximum	57	54	61	49	58	56	49	50	51	65	67	62	71	80	69	56	74	65	40	44	56	59	63	72	62	66	63	63	49	49	71	59.7
	Minimum	22	23	26	40	37	37	20	22	20	22	25	48	39	44	44	53	33	33	35	28	29	35	37	29	30	39	34	36	30	28	26	32.4
Grannis...........	Maximum	60	64	60	62	62	65	60	55	66	62	65	71	73	78	72	65	71	71	62	55	50	67	64	71	69	71	67	57	54	56	72	64.4
	Minimum	34	44	51	34	35	45	33	24	42	32	45	54	52	55	58	52	35	58	36	35	31	46	34	36	39	46	43	47	30	30	34	41.0
Gravette...........	Maximum	60	63	59	60	59	58	44	44	53	61	63	61	69	78	74	56	69	68	44	44	55	58	60	71	69	62	61	60	41	46	72	59.4
	Minimum	30	36	51	34	30	34	20	18	28	32	43	40	46	56	53	37	32	43	27	21	34	42	31	42	37	36	34	36	21	21	31	34.7
Green Mountain...	Maximum	51	61	65	59	55	57	44	48	47	62	64	66	67	73	73	64	70	66	60	45	54	64	60	70	66	60	68	60	47	59	60	60.2
	Minimum	28	31	45	39	35	40	20	20	28	30	35	40	41	55	56	48	38	37	40	25	27	40	37	39	38	40	39	40	27	26	35	36.1
Harrison	Maximum	52	63	60	60	54	56	45	46	50	64	66	60	72	78	78	57	74	71	46	40	57	57	61	72	66	60	62	61	42	47	72	59.6
	Minimum	24	30	43	37	36	39	23	20	23	28	38	44	46	52	55	45	37	46	31	26	35	38	37	36	41	38	34	42	27	24	28	35.6
Helena............	Maximum	52	61	59	66	57	70	53	51	51	65	69	62	74	80	81	72	70	74	62	44	58	68	59	68	76	77	76	65	60	48	63	64.2
	Minimum	31	35	45	51	37	49	29	27	31	33	50	52	45	55	55	58	42	58	38	35	32	49	50	41	48	44	50	52	39	34	33	42.9
Highland....... ..	Maximum	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope ....§§	Maximum	61	67	64	63	69	64	58	53	67	59	68	70	76	82	75	73	75	72	46	46	60	55	63	75	74	77	69	54	56	59	73	65.3
	Minimum	34	34	36	48	36	38	30	28	28	35	35	48	53	50	51	57	38	41	44	34	35	37	39	36	38	50	47	48	34	32	33	39.6
Hot Springs........	Maximum	61	65	64	61	66	60	56	54	59	64	67	71	77	82	82	68	73	71	63	45	61	56	64	75	73	68	71	62	54	54	73	65.2
	Minimum	31	35	49	40	30	45	32	25	30	32	47	52	51	55	60	55	37	59	38	32	35	43	37	39	50	43	42	47	32	32	35	41.0
Jonesboro	Maximum	50	60	63	59	50	66	50	44	45	59	70	66	67	81	80	75	71	69	48	43	52	66	61	70	72	75	72	60	55	50	65	61.7
	Minimum	29	31	41	46	37	43	30	25	28	28	48	52	39	49	54	56	40	47	34	28	31	41	42	43	48	39	45	44	34	31	32	39.2
Lead Hill..........	Maximum	55	64	60	60	53	51	46	45	50	65	66	62	71	79	75	58	73	66	46	40	55	55	62	73	68	62	63	58	46	48	74	59.6
	Minimum	22	29	41	39	37	40	21	22	21	24	32	45	44	43	55	45	31	45	32	28	36	31	38	29	40	38	33	44	29	26	26	34.6
Little Rock..***	Maximum	52	61	61	59	55	67	57	52	51	59	67	66	73	82	76	61	70	72	44	48	56	60	62	72	73	69	65	55	53	51	71	61.9
	Minimum	33	36	45	42	36	41	34	25	33	31	48	49	48	50	58	48	40	44	38	35	38	45	42	39	49	45	46	48	37	36	34	41.3
Lutherville........	Maximum	55	60	59	58	50	58	50	45	52	60	64	65	70	79	75	59	69	65	63	49	55	55	59	71	69	58	67	61	50	49	72	60.4
	Minimum	30	33	48	38	41	44	27	21	29	30	48	50	47	51	55	49	36	55	34	29	35	43	34	35	50	40	38	48	30	30	29	38.9
Magnolia..........	Maximum	69	65	65	66	69	65	66	56	70	67	72	73	76	83	77	74	74	75	68	49	62	61	62	75	80	77	78	78	62	59	74	68.9
	Minimum	36	36	50	53	40	52	35	27	36	41	49	50	55	55	55	60	44	61	45	36	38	50	42	38	53	54	51	53	36	34	36	45.2
Mammoth Spring.	Maximum	53	62	65	57	45	51	50	43	45	59	69	64	65	82	76	70	73	70	45	45	63	61	62	72	68	65	66	64	48	48	68	60.5
	Minimum	24	26	40	42	37	38	26	23	24	23	34	47	41	45	50	55	33	45	33	26	31	38	39	30	47	39	39	43	31	28	27	35.6
Marianna.......§§	Maximum	52	62	60	63	57	64	54	46	50	65	67	63	73	80	80	63	69	74	41	43	59	67	60	68	75	76	64	65	51	49	64	62.1
	Minimum	30	32	45	55	38	48	32	28	30	30	52	51	43	55	51	55	41	60	40	34	33	50	49	39	50	45	49	49	40	34	32	42.6
Marked Tree....§§	Maximum	50	60	65	59	65	66	54	46	47	62	70	63	71	81	82	65	73	65	43	42	55	69	61	69	76	78	64	53	52	51	64	62.0
	Minimum	29	30	34	47	38	39	31	27	26	25	33	50	40	44	52	57	40	42	38	30	30	36	45	40	48	41	42	49	39	31	31	38.2
Marshall...........	Maximum	54	61	58	54	50	47	42	45	50	60	65	59	68	78	72	58	72	64	47	42	54	57	60	69	64	70	64	58	48	46	69	58.2
	Minimum	26	34	48	40	35	40	24	21	24	33	46	46	41	58	57	50	35	47	32	27	34	36	38	43	46	39	37	42	29	27	34	37.7
Mena...............	Maximum	63	67	65	61	64	63	55	67	65	65	66	70	74	81	73	62	75	71	62	55	54	56	62	73	65	73	67	60	52	55	74	65.0
	Minimum	32	34	53	39	33	42	30	24	32	30	46	52	51	59	60	51	33	57	36	30	35	44	35	37	50	45	43	48	28	27	34	40.3
Monticello......***	Maximum	56	63	65	69	66	70	58	54	66	66	68	68	79	83	80	69	76	72	54	43	59	64	64	73	80	79	70	61	54	60	71	66.5
	Minimum	34	56	48	46	39	44	35	28	36	58	52	50	49	56	54	57	47	54	40	39	42	52	42	38	50	57	54	51	38	36	39	45.8
Morrilton ....§§	Maximum	55	64	65	64	65	65	66	48	52	62	72	68	72	82	76	66	65	73	48	49	56	58	62	73	72	69	67	57	56	68	75	64.2
	Minimum	34	34	39	45	35	42	34	28	28	32	34	52	46	49	54	58	40	40	40	33	33	40	40	37	42	43	45	49	34	34	33	39.6
Mountain Home...	Maximum	54	66	63	60	51	52	49	46	50	65	71	66	69	81	78	61	75	67	45	41	56	58	64	74	70	63	64	63	47	51	74	61.1
	Minimum	24	30	41	40	37	41	25	22	25	28	38	44	44	46	55	48	37	45	32	27	32	38	39	33	44	38	36	41	30	26	31	36.0
Mt. Ida............	Maximum	59	65	61	64	63	68	57	58	63	66	67	69	77	82	78	64	74	73	64	51	59	52	53	73	70	73	73	55	53	51	74	64.8
	Minimum	24	26	45	41	26	45	27	25	23	26	47	52	52	48	54	53	31	53	40	32	39	40	33	27	55	45	40	48	32	26	26	38.1
Nashville..........	Maximum	61	66	66	65	66	71	67	58	67	61	67	70	77	82	77	71	72	70	72	48	56	56	66	74	73	74	80	64	64	59	73	67.5
	Minimum	..	..	..	..	37	49	30	27	36	35	46	56	54	50	60	59	39	59	41	34	37	49	37	36	50	49	42	51	35	31	35	43.1
Newport...........	Maximum	52	62	63	59	52	61	54	48	47	60	70	65	70	82	80	68	73	64	49	48	55	67	64	74	70	70	68	52	53	52	67	61.8
	Minimum	31	42	43	48	38	46	32	28	29	27	50	55	42	48	55	60	38	49	37	30	32	42	43	39	50	41	45	50	38	33	32	41.1

Daily Temperatures for March, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Nimrod Dam	Maximum	57	64	61	61	61	66	54	53	55	65	66	67	76	79	73	62	74	72	53	47	59	54	61	72	68	67	66	54	50	51	73	62.6
	Minimum	29	30	46	40	29	45	31	27	27	28	45	53	45	60	58	50	37	53	40	34	37	41	38	35	53	43	41	47	33	31	28	39.8
Oden ***	Maximum	62	68	66	63	64	56	57	58	64	68	78	71	76	82	72	60	75	75	52	54	55	53	63	73	67	72	69	53	52	54	74	64.7
	Minimum	30	34	52	41	34	43	34	28	29	30	49	53	55	56	58	44	33	52	37	33	35	44	36	31	53	44	47	44	32	30	29	40.3
Okay	Maximum	58	67	66	66	67	68	60	54	68	59	69	69	79	83	83	73	74	75	68	47	59	58	64	74	79	78	78	70	57	59	74	67.8
	Minimum	35	35	54	47	38	51	31	29	32	35	43	56	55	49	59	59	39	60	44	34	37	48	39	36	52	50	46	50	34	31	34	43.3
Ozark	Maximum	56	63	60	60	55	55	50	48	55	59	65	65	72	80	74	60	70	70	60	50	54	56	60	75	70	62	65	65	53	51	74	61.7
	Minimum	34	37	52	39	32	43	28	24	29	33	47	51	51	51	58	50	36	57	36	32	38	45	35	34	49	42	38	47	32	31	31	40.1
Paragould	Maximum	41	57	64	58	49	64	50	42	42	56	68	63	63	77	77	71	68	63	48	43	51	66	59	67	70	70	70	57	50	48	62	59.2
	Minimum	28	30	38	47	37	42	30	26	27	27	46	52	40	48	58	59	39	47	35	28	31	40	43	48	46	39	45	44	35	32	29	39.2
Perryville	Maximum	56	64	64	61	59	67	55	51	57	65	68	63	77	83	80	70	75	70	56	49	57	57	62	74	71	66	66	62	52	50	74	63.9
	Minimum	31	31	44	40	30	43	32	25	26	29	47	52	44	47	55	55	37	55	37	33	35	39	37	32	52	42	41	46	33	31	28	39.0
Pine Bluff	Maximum	56	65	58	59	63	68	58	55	57	63	67	70	79	85	81	72	74	72	67	46	62	64	66	78	71	79	75	63	58	57	72	66.5
	Minimum	35	36	45	39	38	47	33	28	33	36	50	50	48	54	59	51	35	50	39	36	40	46	44	47	50	48	50	52	39	35	37	42.9
Pocahontas	Maximum	55	59	64	59	51	61	52	45	47	58	70	69	65	81	77	77	72	72	47	47	54	63	64	69	70	71	70	66	51	51	63	61.9
	Minimum	27	29	38	45	38	40	28	25	25	25	40	51	40	45	50	58	37	46	35	28	32	39	41	34	47	38	44	43	33	30	29	37.4
Portland	Maximum	56	64	72	77	70	72	60	58	70	64	65	70	79	82	80	76	76	74	66	51	63	64	67	70	80	81	77	65	62	64	70	69.2
	Minimum	35	37	45	62	40	54	34	28	34	38	50	51	54	52	55	59	53	50	45	39	42	50	50	39	49	53	55	55	40	38	37	45.9
Prescott	Maximum	59	66	66	65	68	68	59	59	64	60	67	72	77	82	82	73	74	74	67	46	58	57	65	73	75	77	76	69	57	60	73	67.4
	Minimum	35	37	53	49	38	54	34	29	36	37	48	57	55	52	58	58	43	61	44	36	38	48	40	39	54	51	48	52	36	35	37	44.9
Rogers	Maximum	57	60	59	55	60	50	40	40	50	62	67	64	70	80	70	55	68	62	42	42	55	58	59	70	54	62	55	55	43	45	70	57.4
	Minimum	29	34	45	35	30	35	22	19	27	30	40	40	50	55	53	38	38	42	28	23	34	40	33	38	38	36	35	34	23	22	30	34.7
Russellville	Maximum	60	65	60	62	55	61	55	49	53	63	68	66	74	81	81	65	73	73	65	48	56	56	62	74	73	62	66	66	51	50	74	63.5
	Minimum	33	35	46	41	32	46	30	26	29	30	50	53	45	49	59	52	37	55	39	33	38	41	38	34	46	43	43	50	33	33	30	40.3
St. Charles §§	Maximum	63	65	62	67	67	70	57	49	54	69	65	70	75	82	80	65	72	71	45	50	60	69	61	71	80	79	78	67	55	52	67	65.7
	Minimum	32	33	35	41	38	47	34	28	30	35	37	50	45	55	58	56	45	46	41	37	37	40	48	41	48	45	52	53	40	37	35	41.9
Searcy	Maximum	55	61	64	58	54	65	54	48	49	62	70	64	73	82	78	71	73	66	53	47	56	65	64	71	72	68	65	58	55	51	69	62.6
	Minimum	28	32	42	44	33	46	29	26	28	29	49	50	44	48	54	55	41	53	36	31	32	41	41	36	50	42	43	47	34	34	31	39.6
Sheridan	Maximum	56	65	60	61	61	67	59	53	54	63	68	68	78	83	80	73	73	73	62	48	58	63	65	72	72	74	72	68	57	55	72	65.6
	Minimum	31	31	44	46	30	50	30	24	28	30	48	54	48	53	54	54	35	56	38	35	32	40	40	34	52	44	49	43	35	31	31	40.3
Siloam Springs	Maximum	58	61	58	57	57	57	44	45	51	60	63	60	68	77	72	56	69	68	45	46	55	55	67	71	65	62	60	54	43	47	71	58.8
	Minimum	31	38	52	35	31	35	25	21	30	33	45	41	46	55	54	38	34	45	27	24	35	45	39	36	39	38	36	34	24	25	33	36.3
Stuttgart	Maximum	52	62	59	61	56	67	56	56	52	62	68	68	68	..	81	76	72	74	65	51	59	66	60	70	76	79	75	63	61	52	67	64.5
	Minimum	32	35	43	50	37	50	31	28	31	33	52	53	52	..	56	56	65	66	39	34	..	..	39	49	49	46	50	51	39	35	35	44.1
Stuttgart Evap. §§	Maximum	..	..	..	..	..	..	..	..	..	..	65	68	75	80	79	69	69	72	44	46	60	61	59	67	75	73	65	51	51	50	65	64.5
	Minimum	33	33	35	48	38	45	32	29	29	33	35	52	45	48	52	53	41	43	43	43	36	38	46	38	40	45	48	49	40	35	34	40.6
Subiaco	Maximum	57	64	64	63	65	66	51	46	55	64	65	65	75	81	76	61	69	71	62	48	56	56	59	73	69	69	68	61	49	47	73	62.8
	Minimum	33	35	54	39	42	43	31	25	30	31	49	52	49	64	59	52	37	57	38	32	38	42	36	35	49	42	42	48	32	32	30	41.2
Texarkana ***	Maximum	60	67	65	66	68	68	58	55	68	57	68	73	74	81	74	69	72	73	54	51	57	55	62	73	77	80	70	56	55	58	72	65.7
	Minimum	37	39	55	45	41	40	34	30	35	40	47	56	56	57	61	49	42	54	37	35	40	50	41	42	53	54	50	42	35	36	40	44.3
Turnpike	Maximum	54	60	53	58	50	55	45	44	51	60	61	57	67	76	69	59	67	63	51	39	54	51	60	68	61	58	61	55	45	46	69	57.0
	Minimum	24	29	43	32	28	36	22	15	25	28	42	40	42	53	50	46	37	48	28	22	29	38	30	40	42	31	34	39	23	22	32	33.9
Waldron	Maximum	59	66	63	64	65	66	55	54	58	65	66	67	76	82	78	63	74	75	59	56	58	57	61	73	71	66	65	61	50	50	74	64.2
	Minimum	29	31	49	38	30	43	30	26	28	29	48	51	52	52	58	47	32	55	38	31	37	42	35	31	52	44	41	49	30	29	28	39.2
Warren	Maximum	58	64	63	69	68	70	58	56	66	67	65	69	70	82	84	80	76	73	67	46	60	67	65	73	80	78	72	68	60	60	72	67.9
	Minimum	34	36	45	58	38	55	33	29	33	38	52	53	64	50	52	55	47	60	41	38	42	51	46	39	55	50	53	55	38	37	36	45.6
White Rock	Maximum	51	56	53	55	54	53	46	45	52	58	59	58	65	75	68	56	65	64	53	40	52	53	58	67	58	56	63	56	45	46	65	56.3
	Minimum	28	31	45	29	30	32	20	14	29	30	40	40	43	52	49	42	34	39	27	21	29	38	27	39	36	35	33	39	18	21	28	32.8
Wilson	Maximum	44	50	53	54	54	67	53	47	45	61	67	67	69	82	83	77	78	76	60	48	52	70	71	69	69	69	69	64	57	49	64	62.5
	Minimum	27	31	32	34	37	44	42	25	26	26	41	51	39	43	57	57	57	48	43	29	29	49	49	41	42	45	50	47	37	32	31	40.0
Wynne	Maximum	43	61	62	59	53	65	53	44	45	61	69	62	78	80	80	80	65	71	68	40	45	56	68	62	70	73	75	61	55	51	51	61.6
	Minimum	28	30	37	49	38	44	31	27	26	28	48	52	39	54	56	57	50	45	38	31	31	36	45	42	50	42	45	48	39	33	32	40.4

Daily River Stages for March, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	15.0	15.4	14.3	12.9	11.3	10.4	9.7	8.7	8.7	8.7	8.5	8.3	8.2	8.1	7.8	8.8	15.5	18.1	20.4	21.4	20.8	19.7	19.4	19.7	19.8	19.8	18.1	16.9	14.8	13.7	13.0
Van Buren	do	22	15.6	16.2	15.1	13.7	12.1	10.7	9.7	8.6	8.6	8.4	8.2	8.0	7.8	7.7	7.3	9.0	15.8	19.0	19.2	21.4	22.5	21.9	20.8	20.2	20.4	20.6	19.4	17.7	15.6	14.1	13.4
Danville	Petit Jean	20	23.3	22.3	20.8	18.9	17.0	14.7	11.8	10.4	8.8	7.5	7.0	6.5	6.3	6.0	5.7	9.7	21.2	22.8	22.0	22.5	23.2	22.5	21.1	20.0	17.7	14.7	12.6	12.0	10.8	10.2	9.3
Ozark	Arkansas	22	11.7	12.4	12.0	10.8	9.5	8.0	7.0	6.1	5.1	5.0	4.6	4.6	4.4	4.2	4.1	6.0	8.6	14.0	15.1	16.5	18.0	17.7	17.0	15.8	16.1	17.5	15.6	14.4	13.8	11.0	10.4
Dardanelle	do	22	15.2	16.1	16.1	15.6	14.3	13.1	11.8	10.7	9.6	8.8	8.1	8.0	8.0	7.9	7.7	9.1	12.4	16.3	19.8	20.3	21.7	21.8	21.1	19.9	19.5	19.6	19.6	18.6	17.4	15.6	14.2
Morrilton	do	20	11.0	11.7	12.4	12.0	10.9	9.8	8.8	7.4	7.1	5.0	4.4	4.0	3.6	3.2	3.0	3.0	7.0	9.6	14.6	16.2	17.2	18.0	17.6	16.6	15.7	15.8	15.8	15.0	13.7	12.2	10.4
Little Rock	do	23	12.1	12.9	13.5	13.7	13.1	12.2	11.3	10.2	9.2	8.0	6.9	6.4	6.0	5.6	5.3	5.3	6.1	9.5	13.5	16.4	17.4	18.7	18.8	18.1	17.1	16.8	16.9	16.8	15.7	14.5	12.9
Pine Bluff	do	25	12.8	15.2	15.9	16.5	16.2	15.4	14.5	13.5	12.4	11.2	9.9	8.8	8.4	7.9	7.3	6.8	6.8	9.2	13.4	17.9	19.4	20.6	21.3	20.9	19.9	19.3	19.2	19.3	18.8	17.7	16.5
Gilbert	Buffalo	30	7.7	6.5	6.0	5.7	5.8	5.6	5.4	5.3	5.2	4.9	4.8	4.8	4.6	4.5	4.5	8.0	8.3	6.7	6.5	8.4	7.5	6.9	6.3	6.0	5.7	5.5	5.6	5.4	5.5	5.5	5.3
Black Rock	Black	14	10.6	9.8	9.2	9.3	9.4	8.7	8.9	8.4	7.8	7.4	7.1	6.9	6.7	6.4	6.1	5.9	5.8	5.5	5.3	6.6	7.2	7.1	7.0	6.8	6.7	6.6	6.4	6.4	6.8	7.3	7.0
Heber Springs	Little Red	30	13.8	10.8	9.3	9.4	10.8	9.5	9.2	8.4	7.6	7.1	6.7	6.4	6.2	5.9	5.7	5.7	13.3	10.5	11.8	15.3	12.9	10.8	9.4	8.6	7.9	7.5	7.4	7.3	7.4	8.0	7.6
OzarkBeachMo	White	30	11.6	12.8	9.2	7.4	6.4	5.7	5.8	5.4	5.1	4.8	4.7	4.6	4.5	3.4	0.7	4.6	8.4	10.3	9.6	10.2	11.7	13.6	11.4	9.8	8.6	7.4	6.6	5.8	5.4	5.0	4.8
Cotter	do	21	13.2	12.8	13.1	10.2	8.5	7.5	7.1	7.0	7.0	6.3	6.1	5.8	4.9	4.9	5.4	4.5	6.8	9.3	11.0	11.2	11.1	13.1	14.0	12.0	10.5	9.4	8.2	7.5	6.8	6.6	6.2
Calico Rock	do	18	14.2	12.9	13.0	10.8	8.6	7.6	6.9	6.7	6.4	5.9	5.6	5.3	5.1	4.9	4.8	5.0	9.6	9.4	10.4	12.1	13.2	12.9	13.9	12.6	10.6	9.2	8.5	7.7	7.1	6.8	6.3
Batesville	do	23	20.9	19.9	18.7	18.9	15.6	13.7	12.7	11.9	11.7	11.1	10.7	10.3	10.0	9.7	9.5	9.5	10.2	14.7	15.9	17.8	19.0	19.0	19.2	19.5	17.4	15.6	14.3	13.5	12.7	12.2	11.7
Newport	do	26	18.0	20.6	21.0	21.5	21.0	19.8	18.5	17.0	15.8	14.5	13.2	12.0	11.3	10.3	9.5	9.0	8.8	11.2	13.8	16.5	18.5	19.9	20.4	20.9	20.9	19.9	18.7	17.2	16.0	15.0	14.1
Georgetown	do	21	17.3	19.0	19.1	19.3	19.8	20.3	20.8	21.0	21.0	20.8	20.4	19.9	19.3	18.5	17.5	16.5	15.8	16.0	17.1	18.5	19.5	19.8	20.1	20.2	20.5	20.8	21.0	2.11	21.1	21.0	20.6
Des Arc	do	24	17.8	19.8	20.1	20.6	21.0	21.3	21.6	22.0	22.2	22.4	22.4	22.4	21.9	21.5	21.0	20.1	19.6	19.2	19.5	20.5	21.1	21.7	22.0	22.1	22.3	22.3	22.5	22.7	22.9	23.0	22.9
Clarendon	do	26	22.7	23.0	23.5	24.0	24.4	24.8	25.1	25.4	25.6	25.8	26.0	26.2	26.2	26.2	26.1	26.0	25.9	25.8	25.6	25.4	25.4	25.5	25.7	25.9	26.0	26.1	26.3	26.5	26.8	27.0	27.1
St. Charles	do	25	22.2	22.3	22.4	22.7	23.0	23.2	23.5	23.8	24.0	24.2	24.4	24.6	24.7	24.8	24.9	25.0	25.0	25.0	25.1	25.0	25.0	24.9	24.9	24.9	24.9	25.0	25.0	25.2	25.5	25.6	25.7
Glenwood	Caddo	..	6.6	6.3	6.3	6.4	6.3	6.2	6.0	5.8	5.8	5.9	5.8	5.7	5.7	5.7	5.7	10.3	7.2	6.3	9.9	7.4	6.8	6.5	6.6	6.5	6.4	6.3	7.6	6.8	6.6	6.4	6.3
Arkadelphia	Ouachita	17	19.4	16.7	12.7	12.0	11.3	10.2	13.1	10.0	8.2	9.0	8.9	7.6	7.2	7.3	6.8	7.5	15.5	17.5	23.5	22.2	19.2	16.8	14.6	11.4	10.5	9.2	9.4	15.4	17.0	13.2	11.0
Boughton	Little Mo.	20	17.1	17.8	16.0	13.5	14.0	15.0	13.8	12.0	9.9	8.5	7.9	7.6	7.3	6.9	6.5	6.8	13.8	15.0	19.1	21.8	20.8	19.1	17.4	16.9	14.6	12.4	11.0	14.2	17.7	18.5	17.0
Camden	Ouachita	26	25.9	27.6	28.9	29.9	20.2	30.0	29.7	29.0	28.4	27.1	25.4	23.2	20.4	17.7	16.0	14.5	13.6	16.8	21.4	24.5	27.7	30.4	32.7	34.2	34.2	33.4	32.2	31.1	30.8	31.3	31.8
Benton	Saline	20	10.8	9.3	8.4	9.3	9.7	8.6	9.3	8.5	7.9	7.3	7.0	6.8	6.6	6.0	6.2	6.8	16.6	10.1	18.9	17.0	12.8	9.9	9.3	8.9	8.3	7.8	7.3	11.2	11.9	10.1	9.0
Index	Red	25	19.1	19.1	17.8	16.8	15.8	15.4	14.4	13.1	11.8	10.4	9.6	9.1	8.8	8.4	8.1	8.0	8.1	8.3	10.1	14.4	15.1	14.9	15.2	15.1	14.0	13.4	13.0	12.8	12.1	11.3	10.6
Fulton	do	25	21.1	22.0	21.7	21.2	20.6	20.6	20.0	19.2	18.2	16.9	15.7	14.3	12.8	11.4	10.4	10.2	11.6	12.8	14.7	18.3	20.0	20.3	20.9	20.9	20.3	19.7	19.0	18.4	19.6	17.4	16.6
Big Lake Outlet	St. Francis	10	7.9	8.9	9.5	10.0	10.2	10.3	10.5	10.6	10.7	10.7	10.6	10.4	10.2	10.0	9.7	9.4	9.1	8.7	9.1	9.0	9.0	9.1	9.3	9.4	9.4	9.3	9.3	9.2	9.2	9.1	9.1
St. Francis	do	18	14.1	14.6	14.9	15.5	15.9	16.1	16.8	16.9	16.8	16.6	16.4	16.0	15.6	15.0	14.2	13.5	12.7	12.0	11.5	12.2	13.8	14.3	14.3	14.0	14.0	14.0	15.2	15.5	15.4	15.2	15.1
St. Francis L.L.	do	..	20.6	20.6	20.9	21.3	21.6	21.8	22.0	22.1	22.3	22.5	22.6	22.6	22.6	22.6	22.5	22.4	22.4	22.3	22.5	22.5	22.5	22.4	22.4	22.4	22.3	22.3	22.1	22.0	22.0	22.0	22.0
Marked Tree	do	17	8.0	8.5	8.4	8.4	8.4	8.5	8.4	8.2	8.1	7.9	7.9	7.8	7.8	7.7	7.6	7.6	7.5	7.5	8.0	9.2	9.8	9.9	9.7	9.4	9.0	8.6	8.4	8.4	8.9	9.0	8.9
Parkin	do	28	11.0	11.6	11.4	10.9	11.0	11.2	11.4	11.4	11.3	11.3	11.7	11.9	11.9	11.9	11.9	11.9	11.9	11.7	12.1	13.9	15.5	16.2	16.1	15.5	14.7	13.9	13.5	13.5	14.7	15.7	15.9
Madison	do	32	10.3	11.3	11.7	12.3	13.1	13.9	14.6	15.0	15.4	15.7	16.2	16.6	16.7	16.8	16.9	16.9	16.8	16.6	16.8	17.2	17.8	18.2	18.3	18.2	17.8	17.7	18.3	18.6	19.8	20.0	20.2
Helena	Mississippi	42	24.4	25.5	27.4	29.0	30.5	31.0	31.9	32.4	33.0	33.3	33.6	33.9	34.2	34.3	34.3	34.3	34.0	33.8	33.4	32.8	32.4	32.1	32.3	33.0	33.9	34.7	35.4	36.0	36.6	36.7	36.8
Arkansas City	do	42	20.3	21.2	22.6	24.4	25.7	26.6	27.1	27.4	27.7	27.9	28.1	28.2	28.3	28.4	28.5	28.5	28.4	28.4	28.5	28.7	29.0	29.5	29.9	30.1	30.5	31.0	31.5	31.9	32.3	32.5	32.7

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a}, ^{b}, ^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1. Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt. Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLIX Little Rock, Ark., April, 1944 No. 4

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

April averaged somewhat colder than normal. The coldest weather occurred between the 3d and 5th, when freezing temperatures were recorded in the northern section of the State. The highest occurred on the 10th, 15th, or between the 19th and 23d. Lead Hill reported a minimum temperature of 19° on the 5th, which is within two degrees of the lowest temperature ever recorded in the State during April.

April precipitation was ample in all sections and excessive at a few stations. Fourteen stations measured over ten inches and 24 stations recorded less than five inches during the month. Heavy rains of more than four inches occurred at several stations on the 8th and 9th, and during the night of the 22d-23d. On the 4th, Harrison measured a half inch of snow and a few other northern stations reported flurries.

As a result of heavy rains in March and above normal precipitation in April, all the rivers in this district were in flood at one or more gaging stations during the month. However, only the Black and Ouachita rivers had crests sufficiently high to cause flood damage. The lower portions of the White and Ouachita rivers were out of their banks most of the month. At Arkadelphia, the Ouachita went above flood stage four times during April.

A series of tornadoes occurred over the State on April 10th. The first tornado was observed near Magnolia, Columbia Co., at 6:50 p. m. and the last one near Parkin, Cross Co. at about midnight. Tornadoes were also reported in Cleburne, Independence, Randolph, and Sharp counties on the 14th. As a result of these destructive storms, 44 people were killed, 331 injured, over 600 homes destroyed or damaged, and more than 1,000 other buildings destroyed or damaged. Property damage is estimated at more than $700,000.

April, like March, was distinctly unfavorable for agriculture. Cool weather, frequent rains, wet soil, and flooded lowlands caused further delay in getting spring crops planted. Some corn and cotton were planted on the lighter soils but much remained to be planted at the end of the month. Potatoes were up and doing well in some sections; in other sections replanting was necessary. Meadows, pastures, and small grains continued to make good growth. Early strawberries were ripening at the close of the month.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 78 stations, was 60.1°, which is 1.4° below the 54-year average for April. The highest monthly mean temperature was 65.2° at Portland, and the lowest was 53.8° at White Rock. The highest temperature recorded was 88° at Okay on the 15th; the lowest was 19° at Lead Hill on the 5th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 107 stations, was 6.65 inches, which is 1.69 inches above the 54-year average for April. The greatest monthly amount was 12.59 inches at Mountain Valley, and the least was 2.83 inches at Green Forest. The greatest amount reported in any 24 consecutive hours was 6.15 inches at Mountain Valley on the 22d-23d. B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:--2,6,7,10,11,14,15,17,22,23,24,25,29,30.
Sleet:--4.
Hail:--1,2,7,8,9,10,11,14,17,19,20,22,23,25,26,27,30.
Thunderstorms:---1,2,6,7,8,9,10,11,14,15,17,18,19,20,21,22,23,24,26,27,29,30.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.41	3	29.34	14	10.5	35	se.	30	71	54	56	53	151
Little Rock	30.41	5	29.41	14	11.1	38	sw.	22	84	60	62	60	152
Memphis ..	30.40	5	29.43	15	9.4	36	sw.	23	83	60	60	60	179

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	62.8	93	22	2.75	....	8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61.4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	8.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.53	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5.54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64.0	92	29	5.69	T.	10	11	7	12
1930	64.9	96	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2.62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	93	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0.0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
1938	62.1	94	24	4.83	0.1	8	14	7	9
1939	59.3	91	19	7.13	T.	8	13	8	9
1940	59.9	95	18	6.93	T	10	11	7	12
1941	63.7	94	32	5.04	0.0	10	10	10	10
1942	62.8	88	20	8.42	0.0	10	11	9	10
1943	62.9	95	25	3.20	0.0	7	15	8	7
1944	60.1	88	19	6.65	T.	10	10	9	11
Period	61.5	99	17	4.96	T.	8	13	8	9

Corrections:-March, Siloam Springs, days with 0.01 inch or more precip 14. Stuttgart, days with 0.01 or more precip. 10; greatest 24 hour precip. 1.64 inches 18-19th.

NAT. HIST.

Climatological Data for April, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork .... †	Saline	755	7	60.4	......	82	21	32	4	11.06	......	4.00	22−23	0.0	9	10	7	13	w.	L. R. Water Works
Arkadelphia	Clark	200	48	....	......	......	......	36	3§	9.27	+4.08	2.70	22	0.0	10	8	16	6	se.	George S Dews
Arkansas City	Desha	145	59	......	......	......	......	......	......	5.62	+0.77	2.04	10	0.0	9	15	2	13	......	John W. Trammell
Batesville Airway	Independence	363	7	58.6	−0.6	81	10	29	5	8.03	......	2.23	10	T.	15	7	10	13	se.	Airway Observer
Batesville Livestk.	Independence	....	3	57.2	......	80	15§	29	5	7.73	......	2.43	22−23	0.0	9	7	19	4	se.	University of Arkansas
Batesville River	Independence	277	44	......	......	......	......	......	......	6.36	+1.47	1.58	10−11	0.0	12	12	3	15	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	58.0	−2 8	78	22	24	5	10.35	+5.46	3.00	8−9	0.0	10	11	9	10	w.	Miss Minnie Scanlan
Benton	Saline	285	8	58.4	......	82	10	29	1§	6.26	......	1.96	8−9	0.0	10	17	6	7	s.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	54.4	−3.2	82	21	21	6	5.44	+0.68	2.52	8−9	0.0	8	5	23	2	s.	E. L. Browne
Bethesda .... †	Independence	500	4	57.4	......	80	10§	31	5	7.89	......	2.35	9−10	0.0	9	7	16	7	se.	Soil Conservation Ser.
Big Lake Outlet .. †	Mississippi	239	13	......	......	......	......	......	......	5 28	+1.46	1.23	8−9	0.0	12	9	6	15	......	N. W. Douglas
Black Rock	Lawrence	259	42	......	......	......	......	......	......	6.37	+1.22	2.35	11	0.0	9	..	..	..	......	Vernon C. Howe
Bluff City	Nevada	....	3	63.7	......	84	15	33	4	6.18	......	2.05	23	0.0	8	10	10	10	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	58.4	−2.8	82	22	25	5	5.41	+0.91	1.15	8−9	0.0	11	13	9	8	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	61.3	−0.9	85	21	33	3§	4.28	−0.56	1.24	29	0.0	12	11	13	6	e.	F. H. Randolph
Boughton .... †	Clark	235	8	......	......	......	......	......	......	4.91	......	1.12	2	0.0	6	12	0	18	......	Katie B. Moore
Brinkley	Monroe	205	52	60 0	−1.9	81	10§	29	5	7.35	+2.08	1.78	8−9	0.0	10	6	9	15	s.	U. S. Weather Bureau
Calico Rock	Izard	361	39	......	......	......	......	......	......	5.25	+0.56	1.37	22	0 0	10	7	1	19	......	William Jones
Camden	Ouachita	116	58	64.4	+1.1	84	15§	36	4	5.02	+0.20	1.06	10−11	0.0	11	5	15	10	se.	J. M. Knight
Camp Robinson	Pulaski	463	3	59.4	......	83	10	31	3§	6.22	......	1.84	9	0.0	10	4	19	7	se.	U. S. Army
Clarendon	Monroe	172	39	......	......	......	......	......	......	6 93	+1.46	1.73	10	0.0	12	12	3	15	s.	B. F. Northern
Conway	Faulkner	309	60	61.6	−0.6	84	10§	28	5	8.15	+3.19	4.75	23	0.0	10	9	16	5	e.	E. E. Cordrey
Corning	Clay	293	50	60.3	+0.3	85	30	27	5	6.74	+1.77	2.34	10−11	0.0	9	13	7	10	s.	Richard C. Polk
Cotter	Baxter	440	16	......	......	......	......	......	......	3 53	−0.80	0.98	10	0.0	7	9	16	5	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	63 0	−0.2	86	15	29	4	4.71	−0.04	1.33	20	0.0	7	13	6	11	s.	U. S. Forest Service
Danville	Yell	327	27	......	......	......	......	......	......	4.96	−0.22	1.98	22	0.0	11	6	13	11	......	J. M. Patterson
Dardanelle	Yell	330	57	62.0	−0.5	85	22	32	5	6.60	+2.25	2.63	22	0.0	12	9	9	12	s.	Geo. N. Goodier
DeQueen	Sevier	426	8	62 4	......	83	21	34	3§	4.69	......	1.98	2	0.0	6	16	8	6	......	L. D. McCown
Des Arc	Prairie	204	5	61.8	......	82	10	34	5	5.26	......	1.93	8−9	0.0	11	9	2	19	s.	Z. R. Glenn
Devils Knob .... †	Johnson	2350	7	54.2	......	75	21	28	5	8.72	......	4.32	8	0.0	10	14	4	12	se.	U. S. Forest Service
Dumas	Desha	162	38	62.8	−0.1	83	10§	34	6	5.36	+0.53	1.62	8−9	0.0	11	5	12	13	s.	Ben Johnson
El Dorado	Union	270	43	64.3	−0 1	85	15§	34	4	7.76	+2.43	2.05	8−9	0.0	11	16	10	4	s.	Mrs. E. W. Gaston
England	Lonoke	229	37	61.8	−0.8	82	10§	34	3§	6.07	+0.44	1.71	2	0.0	9	10	12	8	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	43	56.8	−2.3	82	21	27	3	3.73	−1.27	0.84	29−30	0 0	12	12	12	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	6	58.0	......	82	21	29	3	5.39	......	1.75	10	T.	12	5	9	16	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	56	56.8	−2.1	80	21	24	5	5.25	+0.57	1.64	10	T.	11	6	18	6	nw.	University of Arkansas
Fordyce	Dallas	280	3	63.8	......	87	15	34	3	4.56	......	0.95	10	0.0	9	6	22	2	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	61.2	−0.6	85	21	37	5	4.78	+0.84	1.55	29	0.0	13	8	9	13	e.	U. S. Weather Bureau
Fort Smith Wtr.P... †	Crawford	793	6	......	......	......	......	......	......	6.51	......	3.87	8	0.0	6	8	12	10	...	Ft. Smith Water Plant
Fulton	Hempstead	260	58	......	......	......	......	......	......	6 66	+2.07	2.23	8−9	0.0	8	11	6	13	......	Ina I. Logan
Garland	Miller	225	1	......	......	......	......	......	......	4.79	......	1.37	29	0.0	7	15	0	15	......	L. D. Denney
Georgetown	White	200	31	......	......	......	......	......	......	4.61	−0.55	1.05	1−2	0.0	10	18	0	12	......	C. G. Long
Gilbert	Searcy	600	18	55.6	......	81	21	20	5§	3.45	−1.78	1.00	10	0.0	9	12	4	14	s.	F. E. King
Glenwood	Pike	547	8	......	......	......	......	......	......	7.92	......	2.27	22−23	0.0	8	15	0	15	......	Chas. A. Price
Grannis	Polk	950	24	60.4	+0.1	82	21	34	3§	6.21	+0.33	1.34	22−23	0.0	13	9	10	11	e.	W. E. McVay
Gravette	Benton	1250	46	57.0	−0.2	84	21	27	3§	6.19	+1.48	2.03	8	0.0	8	16	7	7	sw.	Julius A. Schmidt
Green Mountain ... †	Stone	1100	6	57.0	......	80	21§	31	5	6.00	......	1.70	22−23	T.	10	7	14	9	s.	U. S. Forest Service
Harrison	Boone	1052	43	56.4	−1.2	81	21	22	5	4.04	−0.70	1.17	8	0.5	11	17	10	3	s.	J. M. McGaughey
Heber Springs(near)	Cleburne	272	14	......	......	......	......	......	......	10.18	+5 87	4.78	7−8	0.0	10	9	7	14	......	Lester B. Logan
Helena	Phillips	300	71	60.6	−2 0	82	15	31	5	7.10	+1.52	1.92	22	0.0	12	8	5	17	sw	James A. Burnett
Highland	Pike	491	24	...	......	......	......	......	......	......	......	....	......	......	......	......	......	..	......	Clyde Cooley
Hope 3 miles e .... ‡‡	Hempstead	375	73	61.5	−2.4	82	15§	34	4	6.06	+0.75	2.01	9	0.0	11	11	5	14	s.	University of Arkansas
Hot Springs	Garland	600	52	62.2	−0 9	83	21	33	3§	11.61	+5.66	3.13	22−23	0.0	11	10	14	6	s.	National Park Service
Index .... †	Little River	275	26	......	......	......	......	......	......	6.08	+1.37	1.80	9	0.0	8	17	0	13	......	W. E. McDowell
Jessieville	Garland	750	17	......	......	......	......	......	......	11.84	+5.28	5.10	22−23	0.0	10	5	20	5	sw.	U. S. Forest Service
Jonesboro	Craighead	345	48	59.4	−1.9	80	21§	31	5	7.88	+3.34	3.17	8−9	0.0	12	6	8	16	sw	Benedictine Sisters
Lead Hill	Boone	650	37	56.8	−2.0	83	9	19	5	4.13	+0.10	1.58	7−8	T.	10	13	7	10	s.	J. H. Crosswhite
Little Rock	Pulaski	257	64	61.0	−1.1	82	10	36	5	4.71	−0.48	0.98	8−9	0.0	11	6	11	13	s.	U. S. Weather Bureau
Lutherville .... †	Johnson	775	45	58.5	−1.7	80	21	30	5	5.88	+0.92	1.94	8	0.0	9	8	9	13	e.	Clarence Lenhardt
Madison	St. Francis	209	13	......	......	......	......	......	......	7.57	+3 59	1.80	10−11	0.0	11	10	0	20	......	J. W. Eppes
Magnolia	Columbia	315	27	64.0^{a}	−0.9	84^{a}	9§	33^{a}	4	6.92	+2 59	1.96	20	0.0	8	5	16	9	se.	State Agri School
Mammoth Spring	Fulton	600	39	57.8	−1.4	80	20§	26	5§	6 08	+0.97	1.85	22−23	0.0	8	8	14	8	sw.	Mrs. Johnnie Morton
Marianna	Lee	235	32	59.5	−3.1	80	10§	29	5	5.87	+1.76	1.35	8	0.0	9	11	8	11	s.	University of Arkansas
Marked Tree	Poinsett	229	39	58.1	−2.7	81	22	30	5	10.16	+4.58	5.03	8−9	0.0	12	5	16	9	n.	Charles Walton
Marshall	Searcy	1050	..	57.8	−2.3	79	21	26	5	5.08	+1.09	2.07	22−23	0.0	12	8	20	2	se.	W. F. Reeves
Mena	Polk	1207	55	61.0	−0.5	85	21	33	3	6.37	+0 77	1.94	19	0.0	11	7	11	12	sw.	E. W. St John
Monticello	Drew	273	3	62.2	......	85	15	33	4	5.70	......	1.28	9	0.0	11	9	11	10	s.	Airway Observer
Morrilton .... †	Conway	315	27	60.3	−1 5	85	10	34	5§	5.78	+0 84	2.65	22	0.0	10	5	4	21	se.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	6	......	......	......	......	......	......	6.43	......	3.43	8−9	0.0	14	13	4	13	n.	C. A. Lovell
Mountain Home ... †	Baxter	800	31	58.2	−0 9	82	21	25	5	3.49	−1.25	1.10	22−23	T.	7	12	5	13	w.	H. N. Halbert
Mountain Valley	Garland	788	6	......	......	......	......	......	......	12.59	......	6.15	22−23	0.0	7	7	10	13	s.	C. A. Cockman
Mount Ida	Montgomery	702	44	60.8	−0.2	84	21	27	3§	9.60	+3 76	4.42	22−23	0.0	11	9	10	11	sw.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	......	......	......	......	......	......	5.68	......	1.58	8−9	0.0	9	10	3	17	......	H. G Arvin
Nashville	Howard	350	5	64.2	......	86	10	34	4	6.88	......	1.45	8	0.0	10	16	3	11	e.	Carter Day
Newport	Jackson	231	60	60.3	−1.4	81	10§	29	5	7.84	+2.94	2.30	8	0.0	13	11	3	16	s.	W. T. Moyer
Nimrod Dam	Perry	475	2	60.4	......	83	21	30	5	6.97	......	3.21	22−23	0.0	11	9	16	5	e.	U. S. Engineers
Oden	Montgomery	800	16	61.2	......	85	21	32	4§	11.32	+5.53	4.21	10	0.0	10	10	8	12	se.	U. S. Forest Service
Okay	Howard	288	15	64.4	0.0	88	15	35	4	5.79	+1.22	1 50	23	0.0	11	6	14	10	s.	Charles R. Jackson
Osceola	Mississippi	250	43	......	......	......	......	......	......	5.80	+1.34	1.29	8−9	0 0	10	15	10	5	......	G. M. Serey
Ozark	Franklin	396	48	60.1	−1.6	80	9§	29	5	4.95	+0.32	2.01	8−9	0.0	9	5	6	19	e.	Orkney O. Milton
Paragould	Greene	275	20	58.8	......	79	21§	30	5	8.01	+3.34	2.44	10−11	0.0	13	15	6	9	sw.	J. E. Garrett
Parkin	Cross	222	13	......	......	......	......	......	......	5.97	+1.78	1.73	8−9	0.0	8	8	5	17	......	Carroll King
Perryville	Perry	325	4	61.4^{b}	+1.4	85^{b}	21	28^{b}	5	6.74	+1.48	3.70	22	0.0	8	12	7	11	sw.	Lillie Cranford
Pine Bluff	Jefferson	215	56	63.5	0.0	86	15	37	4	6.28	+0.82	1.38	2	0.0	10	12	13	5	sw.	Miss Theresa Schen
Pine Ridge	Montgomery	840	19	......	......	......	......	......	......	6.93	+0.85	1.52	22	0.0	10	10	8	12	sw.	J. R. Huddleston
Pocahontas	Randolph	300	50	59.7	−0.5	81	15§	29	6	8.73	+3.91	2.90	11	0.0	14	10	9	11	s	Benedictine Sisters
Portland	Ashley	122	37	65.2	+0 7	85	15†	37	3§	7.21	+2.20	4.60	20−21	0.0	7	9	9	12	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	64.6	+0 8	83	15§	37	4	4.69	−0.45	1.15	2	0.0	9	13	5	12	s.	W. R. Hambright
Rogers	Benton	1300	53	56 4	−2.3	81	21	28	3	4.81	+0.22	1 26	8	0.0	11	7	14	9	se.	Howard Fowler
Rosebud	Faulkner	680	9	......	....	......	......	......	......	6.09	......	1.90	23	0.0	9	12	11	7	w.	G. A. Maddox
Russellville ...... ‡‡	Pope	526	31	61 2	+0.2	84	21§	30	5	8.62	+4.42	3.84	22−23	0.0	11	9	14	7	w.	U.S. Forest Service
St. Charles	Arkansas	175	10	61.8	......	85	15	36	4	5.74	......	1.30	1−2	0.0	10	9	9	12	s.	U. S. Biological Survey
St. Francis	Clay	290	16	....	....	......	......	......	......	10.76	+6.35	5.45	9	0.0	9	12	0	18	......	W. S. Buckley
Searcy	White	245	33	59.9	−1 2	82	10	28	5	4.24	−0.68	1.39	8−9	0.0	11	11	6	13	se.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	61.2	......	84	15	30	3	7.53	......	2 25	2	0.0	14	5	15	10	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	56.9	......	81	21	27	3	4.85	......	1.23	29	0.0	9	2	21	4	s.	John Brown University
Story	Montgomery	650	19	.....	......	......	......	......	......	10.06	+3.81	3.75	22	0 0	9	8	13	9	s.	S. C. Story
Stuttgart	Arkansas	214	56	61 4	−0.9	83	15	33	5	5.64	+0.65	1.48	1−2	0.0	8	12	17	1	se.	Geo. L. Clark
Stuttgart 9 miles e ‡‡	Arkansas	198	8	58.6	......	82	15	32	5	6.81	......	1.36	8−9	0.0	11	......	......	..	......	University of Arkansas
Subiaco	Logan	750	45	62.0	+0.2	84	21	34	3§	3.93	−0.61	1.26	8	0.0	5	18	7	5	s.	New Subiaco Abbey

Climatological Data for April, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Texarkana	Miller	332	59	63.8	− 0.6	83	20§	38	4	8.00	+2.96	1.90	30	0.0	11	8	14	8	se.	U S. Weather Bureau
Turnpike†	Pope	2240	19	55.1	......	78	15§	26	5	8.40	+3.14	3.98	8	T.	13	13	6	11	se.	U. S. Forest Service
Waldron	Scott	675	24	61.0	......	86	21	31	3§	4.78	−0.62	1.40	29	0.0	9	6	17	7	sw.	William D. Bivens
Warren	Bradley	206	49	64.6	+ 0.8	85	15	35	4	6.22	+1.02	1.34	25−26	0.0	9	9	12	9	ne.	C. N. Turner
Whitecliffs	Little River	290	37	....	......	......	......	......	......	8.85	+3.41	2.00	30	0.0	9	15	1	14	......	L. M. Snead
White Rock†	Franklin	2285	7	53.8	......	76	21	26	5	10.05	......	5.47	8	0.0	13	13	6	11	se.	U. S. Forest Service
Wilson	Mississippi	237	18	60.4	− 0.7	83	8	29	5	6.84	+2.12	1.25	8−9	0.0	9	14	0	16	s.	D. O. Anderson
Wynne	Cross	167	35	58.2	− 1.5	84	27	29	5§	8.16	+2.69	1.63	8−9	0.0	10	..	..	..	......	Mrs. Claudia A. Ford
State Means	......	....	..	60.1	− 1.4	88	15	19	5	6.65	+1.69	6.15	22−23	T.	10	10	9	11	s.	

Daily Precipitation for April, 1944

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Total
Abbott[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		.....
Alum Fork Reser.	Arkansas	....	1.13	....	....	....	....	.01	.80	1.40	T.	1.12	....	....	....	T.	....	....	....	....	1.83	....	....	4.00	....	T	.40	....	....	....	.37		11.06
Aplin[2]	Arkansas	....	.64	....	....	....	....	....	....	.52	T.	.65	....	....	....	....	....	....	....	....	.45	....	....	3.21	....	....	.14	T.	....	....	.38		5.99
Arkadelphia[2]	Ouachita	....	1.65	....	....	....	....	....	.20	1.37	.05	.10	....	....	....	....	....	....	....	....	2.05	....	T	2.70	....	....	.10	.38	....	....	.67		9.27
Arkansas City[2]	Mississippi	....	....	.68	....	....	....	....	....	.03	2.04	T.	....	....	....	....	....	....	.03	....	1.54	....	....	.55	....	....	.34	.11	....	....	.30		5.62
Augusta[2]	White	....	.65	T.	....	T.	....	....	.04	1.09	.20	.55	....	....	....	....	....	.07	....	....	.88	....	.06	.30	....	....	.07	.25	.01	....	.03		4.20
Batesville Air'y[1]	White	.31	.31	....	T.	....	....	.37	.69	.98	2.23	....	..	....	.29	.03	....	T.	.01	.91	.01	....	1.12	.02	....	....	.14	....	....	T.	.61		8.03
Batesville Livestk[2]	White	....	.86	....	....	....	....	.08	....	.98	T.	2.19	....	....	....	....	....	....	.06	....	.92	....	....	2.43	....	....	*	.21	....	....	T.		7.73
Batesville River[2]	White	....	.78	T.	....	....	....	.55	.08	1.50	.06	1.58	....	....	....	.11	.01	....	.02	....	.73	....	....	.72	....	....	....	.22	....	....	....		6.36
Beaty Lake	St. Francis	....	1.38	....	T.	....	....	T	.57	1.24	....	1.46	....	....	T.	....	T.	....	....	....	.95	T	T	.62	....	T.	.42	T.	....	....	T.		6.64
Bee Branch	Arkansas	....	.45	....	....	....	....	....	2.25	.75	*	2.50	....	....	.10	....	....	....	....	....	.70	....	....	2.60	....	....	*	1.00	....	....	....		10.35
Beech Grove	White	....	.80	....	....	....	....	.15	.40	2.10	.90	.85	....	....	....	....	....	....	....	....	.80	....	....	.25	....	....	.80	....	....	....	....		7.05
Beedeville[2]	White	....	.55	.06	....	T.	....	....	.26	2.40	.04	.64	....	....	....	T.	....	....	T.	....	.99	....	T.	.35	....	T.	.25	....	....	....	T		5.54
Benton[2]	Saline	....	.64	.42	....	....	....	....	....	1.60	.36	.33	....	....	....	....	....	....	....	....	1.52	....	....	.63	....	....	.20	.28	....	....	.28		6.26
Bentonville[2]	Arkansas	....	....	....	....	T.	....	.04	.16	2.52	....	.43	....	....	....	....	....	....	....	....	.45	....	....	.55	....	....	.09	....	....	....	1.20		5.44
Bethesda[2]	White	....	.74	....	....	....	....	....	97	.18	*	2.35	....	....	....	....	....	....	....	....	1.00	....	....	1.65	.80	....	....	.20	....	....	....		7.89
Big Lake Outlet[2]	St. Francis	....	.47	.02	....	....	....	....	.16	1.23	.26	.75	....	....	....	.47	T.	....	.13	....	.63	....	....	.44	....	....	.01	.71	....	....	....		5.28
Black Rock[2]	White	....	.32	....	....	....	....	....	.03	1.59	.07	2.35	....	....	....	....	....	....	....	....	.87	.03	....	1.08	....	....	.03	....	....	....	....		6.37
Bluff City	Ouachita	....	.76	....	....	....	....	....	.31	.65	T	.70	....	....	....	....	....	....	....	....	.47	....	....	2.05	....	....	.46	....	....	....	.78		6.18
Blytheville[2]	St Francis	....	.44	....	....	....	....	....	.18	.96	.19	.93	....	....	....	.53	.09	....	.08	....	.60	....	....	.55	....	....	....	.86	....	....	....		5.41
Booneville 3 mi- w	Arkansas	....	.87	....	....	....	....	....	.32	.06	.42	....	....	....	....	.06	....	....	....	....	.52	....	.01	.33	....	T.	.33	.04	....	.08	1.24		4.28
Booneville[2]	Arkansas	....	.49	....	....	....	....	....	....	.47	.18	.67	....	....	....	....	....	....	....	....	.40	....	....	.53	....	....	....	.19	....	....	1.41		4.34
Boughton[2]	Ouachita	....	....	1.12	....	....	....	....	....	.93	....	....	....	....	....	....	....	....	....	....	.85	....	....	1.08	....	....	....	.23	....	....	.70		4.91
Brinkley[1]	White	T.	1.30	....	T.	....	....	T.	.25	1.61	1.33	....	....	....	T.	....	....	T.	....	1.61	.07	T.	.40	.14	....	T.	.48	....	....	T	.16		7.35
Burdette	Mississippi	....	.68	....	....	....	....	.14	....	.85	.04	.76	....	....	.03	.54	....	....	.04	....	.63	....	....	.96	....	....	.98	....	....	....	....		5.65
Calico Rock[2]	White	....	.40	....	....	.02	....	.15	....	1.33	....	.87	....	....	....	.05	....	....	.06	....	.95	....	....	1.37	....	....	....	.05	....	....	T.		5.25
Camden[2]	Ouachita	....	.34	.20	....	....	....	....	.01	.78	.01	1.06	....	....	....	....	....	....	....	....	.44	....	....	.77	....	....	.36	.14	....	....	.91		5.02
Camp Robinson[1]	Arkansas	....	.86	....	....	....	....	.01	.27	1.84	.60	T.	....	....	T.	....	....	....	....	.89	.11	....	.40	....	....	....	.59	....	....	....	.65		6.22
Carlisle[2]	Arkansas	....	.62	.11	....	....	....	....	.03	1.16	.50	.41	T.	....	....	....	....	....	....	....	1.11	....	....	.34	....	....	.09	.21	....	....	.14		4.72
Clarendon[2]	White	....	1.11	.13	....	....	....	....	.01	1.16	.38	1.73	....	....	....	.01	....	....	....	....	1.08	....	....	.34	....	....	.26	.51	....	....	.21		6.93
Cold Springs[2]	Ouachita	....	.93	.07	....	....	....	....	....	.57	....	1.34	....	....	....	....	....	....	....	....	.45	....	....	.95	....	....	....	.17	....	....	1.47		5.95
Conway	Arkansas	....	.46	....	....	....	....	....	.20	.89	.09	.81	....	....	....	....	....	.04	....	....	.61	....	....	4.75	....	....	.19	....	....	....	.11		8.15
Corning[2]	White	....	....	....	....	....	....	....	.53	1.58	.05	2.29	....	....	....	.37	....	....	.05	....	.50	....	....	.70	....	....	....	.67	....	....	....		6.74
Cotter[2]	White	....	T.	....	....	.11	....	.21	T.	.64	....	.98	....	....	....	.08	....	....	....	....	.79	....	....	.72	....	....	T.	....	....	....	....		3.53
Crossett	Ouachita	....	.40	....	....	....	....	....	.11	.67	....	T.	....	....	T.	....	....	....	....	....	1.33	....	....	.92	....	T.	.56	....	....	....	.72		4.71
Crystal Valley[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.81	....	....	33	....	....	.51	....	....	....	....		.....
Danville[2]	Arkansas	....	.52	.04	....	....	....	....	....	.41	.04	.78	....	....	....	.08	....	....	.02	....	.53	....	....	1.98	....	....	....	.16	....	....	.40		4.96
Dardanelle[2]	Arkansas	....	51	.08	....	....	....	....	.03	.55	.05	.99	....	....	....	.05	....	....	T	....	1.19	....	....	2.63	....	....	.08	.09	....	....	.35		6.60
Denmark[2]	White	....	.35	T	....	....	....	.04	.72	2.69	.22	.38	....	....	....	.26	....	....	.03	....	.72	....	.03	.59	....	....	.02	.21	....	....	.06		6.32
De Queen	Red	....	1.98	....	....	....	....	....	....	.81	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	.29	....	....	....	1.21		4.69
Dermott[2]	Mississippi	....	.09	.08	....	....	....	....	....	.67	1.30	.05	....	....	....	T.	....	....	.05	....	2.05	....	....	.77	....	....	.52	.02	....	....	.38		5.98
Des Arc[2]	White	....	.87	.06	....	....	....	....	.01	1.93	.11	.21	....	....	....	T.	....	....	T.	....	1.16	....	T.	.36	....	....	.17	.30	....	....	.08		5.26
Devils Knob	Arkansas	....	.85	....	....	....	....	.17	4.32	.18	.59	....	....	....	....	....	....	....	....	....	.78	....	.41	.59	....	....	.11	....	....	....	.72		8.72
Dumas	Mississippi	....	*	.68	....	....	....	....	....	1.62	....	.27	....	....	T.	....	....	....	.01	....	.66	....	.03	.89	....	....	.75	.07	....	....	.38		5.36
Eagle Gap[2]	Arkansas	....	2.71	.03	....	....	....	....	.69	.61	.49	.60	....	....	....	....	....	....	T	....	1.60	....	....	.33	....	....	.06	.06	....	....	1.49		8.67
El Dorado[2]	Ouachita	....	.31	.09	....	....	....	....	.24	2.04	.01	.28	....	....	....	....	....	....	T.	....	1.98	....	.02	.55	....	....	1.20	....	....	....	1.04		7.76
Eleven Point	White	....	.40	....	....	....	....	T.	.15	.71	.07	2.75	....	....	....	....	.40	....	.03	....	.79	....	....	4.50	....	....	....	.42	....	....	T.		10.22
England	Arkansas	....	1.71	....	....	....	....	T.	T.	1.26	....	.38	....	....	....	....	....	....	....	....	1.28	....	T	.38	....	T.	.60	.05	....	.21	.20		6.07
Eureka Springs	White	....	....	....	....	....	....	.33	.72	.08	.73	....	....	....	.14	....	....	....	....	.30	.18	....	.06	.23	....	....	.05	....	....	.07	.84		3.73
Evening Shade[2]	White	....	.47	....	....	T.	....	.08	....	.87	.06	2.25	....	....	....	T	....	....	.03	....	.93	....	....	2.11	....	....	.08	.13	....	....	.01		7.02
Fayetteville	White	....	T.	....	T.	....	....	....	1.72	.01	1.75	....	T.	....	.01	....	....	T.	....	.20	.14	....	.04	.21	....	.01	.06	....	....	.39	.85		5.39
Fayetteville Exp. S	White	....	....	....	T.	....	....	....	1.37	.22	1.64	....	T.	....	.03	....	....	T.	.02	.16	.22	....	T.	.30	....	....	.04	....	....	.31	.94		5.25
Fordyce	Arkansas	....	.66	....	....	....	....	....	*	.61	....	.95	....	....	....	....	....	....	....	....	.26	....	....	.65	....	*	.68	....	....	....	.75		4.56
Forester[2]	Arkansas	....	1.25	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.08	....	....	1.38	....	....	....	....	....	....	1.17		4.88
Fort Smith[1]‡	Arkansas	.06	.04	....	....	....	....	.02	.60	.15	.85	....	....	....	.02	....	....	.06	....	.70	T.	T.	.29	....	....	T.	.43	....	....	1.55	.01		4.78
Fort Smith W.[1]	Arkansas	T.	T.	....	....	....	....	T	3.87	T.	.31	....	....	....	T.	....	....	....	....	.60	....	T.	.13	....	....	....	T	....	....	1.46	.14		6.51
Fulton[2]	Red	....	1.02	.10	....	....	....	....	.06	2.23	T.	....	....	....	....	....	....	....	....	....	.75	....	....	1.43	....	....	.04	T.	....	....	1.03		6.66
Garland[2]	Red	....	.56	T.	....	....	....	....	....	1.00	....	.33	....	....	....	....	....	....	....	....	.91	....	....	.41	....	....	.21	....	....	....	1.37		4.79
Georgetown[2]	White	....	1.05	.08	....	....	....	....	....	1.05	.10	.20	....	....	....	....	....	....	....	....	1.05	....	....	.40	....	....	.04	.54	....	....	.10		4.61
Gilbert[2]	White	....	.10	....	....	....	....	....	.02	.68	....	1.00	....	....	....	....	....	....	.05	....	.68	....	....	.80	....	....	.03	.09	....	....	....		3.45
Glenwood[2]	Ouachita	....	1.67	....	....	....	....	....	....	1.38	.08	.25	....	....	....	....	....	....	....	....	1.06	....	....	2.27	....	....	....	.18	....	....	1.03		7.92
Grannis	Red	....	1.05	....	....	....	....	.02	.42	.38	.17	....	....	....	T.	....	....	....	.11	.24	T.	....	1.30	.04	....	.04	.24	....	....	.92	1.28		6.21
Gravelly[2]	Arkansas	....	1.19	....	....	....	....	....	....	T.	.73	1.41	....	....	....	....	....	....	....	....	1.05	....	....	1.96	....	....	.19	.77	....	....	.94		8.24
Gravette	Arkansas	....	....	....	....	....	....	....	2.03	.03	2.00	.17	....	....	....	....	....	....	....	.39	....	....	....	.18	....	....	.11	....	....	....	1.28		6.19
Green Forest	White	....	....	....	....	....	....	.45	.64	.03	.11	.01	....	....	....	....	....	....	....	*	.45	....	.03	.17	....	....	.30	....	....	....	.64		2.83
Green Mountain	White	....	.20	....	T.	....	....	.40	1.00	.30	*	1.10	....	....	....	.30	....	....	....	....	1.00	....	*	1.70	....	....	T.	....	....	....	....		6.00
Greenwood[2]	Arkansas	....	.20	....	....	....	....	....	....	.35	....	.60	....	....	....	....	....	....	....	....	.15	....	....	.70	....	....	....	.50	....	....	1.40		3.90
Harrisburg[2]	St. Francis	....	*	.25	....	....	....	1.20	....	4.10	.15	1.10	....	....	....	1.60	....	....	.10	....	.93	....	....	.35	....	....	....	.31	....	....	....		10.09
Harrison	White	....	....	....	.05	....	....	.29	1.17	.05	.55	....	....	....	....	.09	....	....	....	....	.75	....	....	.20	....	....	.45	.07	....	....	.37		4.04
Heber Springs[2]	White	....	.52	....	....	T.	....	....	.32	4.46	....	2.29	....	....	....	.03	....	....	.03	....	.91	....	....	1.20	....	....	....	.33	....	....	.09		10.18
Helena[2]	Mississippi	....	.66	.46	....	....	....	....	.04	.48	.78	1.08	....	....	....	.10	....	....	.03	....	.80	....	....	1.92	....	....	.26	.49	....	....	....		7.10
Henderson[2]	White	....	.02	....	....	....	....	.04	.40	.53	.04	1.80	T.	....	....	....	....	....	.06	....	.77	....	....	1.62	....	....	.46	....	....	....	....		5.74
Highland	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		.....
Hollis	Arkansas	....	1.16	....	....	....	....	....	.32	.85	....	.65	....	....	....	....	....	....	....	....	1.04	....	....	4.43	....	....	.25	....	....	....	.56		9.26
Hope[2]	Red	....	.95	.09	....	....	....	....	T.	2.01	.11	.02	....	....	T.	....	....	....	....	T.	1.09	....	.07	.62	....	....	.08	.12	....	....	.90		6.06
Hot Springs	Ouachita	....	1.35	....	....	....	....	T.	.68	1.40	.05	1.47	....	....	....	....	....	T	T.	....	2.10	....	....	3.13	....	.05	.40	.33	....	....	.65		11.61
Huttig[2]	Ouachita	....	.16	.35	....	....	....	....	.06	.73	.08	.03	....	....	....	....	....	....	.05	....	1.30	....	....	.49	....	....	.59	....	....	....	.92		4.76
Index[2]	Red	....	.95	....	....	....	....	....	.50	1.80	.10	.20	....	....	....	....	....	....	....	....	.97	....	....	.60	....	....	....	....	....	....	.96		6.08
Jessieville	Ouachita	....	1.10	....	....	....	....	....	.16	1.36	.30	.90	....	....	....	....	....	....	....	2.00	....	....	....	5.10	....	....	.38	....	....	....	.54		11.84
Jonesboro[2]	White	....	.68	.01	....	....	....	....	.10	3.17	.06	1.21	....	....	....	.85	.08	....	.05	....	.80	T.	....	.28	....	....	T	.59	....	....	....		7.88
LaCrosse[2]	White	....	.17	....	....	....	....	.18	....	.84	....	.95	....	....	....	....	....	....	.05	....	.97	....	....	1.81	....	....	*	.17	....	....	.08		5.22

Daily Precipitation for April, 1944 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Lake City [2]	St. Francis		.62						.26	2.51		1.09				.99			.22		.77			.50					.62			7.58
Lead Hill	White				.04			.12	1.58	.05	.83				T.			T.		.11	.60		T.	.24			.29				.27	4.13
Little Rock [1‡]	Arkansas		.84		T.			T.	.21	.79	.45	T						T.		.92	T.		.31	.01		.12	.45			.06	.55	4.71
Lutherville	Arkansas		.70					04	1.94		.68										1.00		.15	.57			.34				.46	5.88
Madison [2]	St. Francis		1.20	.30					.15	.60	1.07	1.80									1.20			.40			.20	.60			.05	7.57
Magnolia	Red		.45						.60	.65		.95									1.96			.97			.20				1.14	6 92
Mammoth Spg [2]	White							.02	T.	.80		1.58				.06			.05		1.30			1.85			T.	.42				6.08
Marianna [2]	St. Francis		1.20							1.35	.20	.62									1.00			.95			.15	.30			.10	5.87
Marked Tree [2]	St. Francis		.55	.13					.83	5.03	.25	1.07				.11			.13		1.03			.40			.07	.56			T.	10.16
Marshall	White		.40		.03				.79	.07	.08	.36			.05			T.	T.		.97			2.07			.14	.03			.09	5.08
Marvell [2]	White		1.50					.03	1.07			.40									.89			1.15			.37					5.41
Mena [2]	Ouachita		.88	.04				T.	.02	.45	.04	.44							.01		1.94			.85			.20	T			1.50	6.37
Monticello [1‡]	Ouachita		.42		T.				.03	1.28	.73				T.					1.22	.43		.17	.23		.38	.14			T	.67	5.70
Morobay [2]	Ouachita		.18	.10					.17	1.88	.02	.48									2.83			.61			.51	.37			.95	8.10
Morrilton [2]	Arkansas		.40	10					T.	.77	.20	.76							10		.55		T.	2.65			T	.15			.10	5.78
Mountainburg	Arkansas		.09						3.39	.04	.39				.05				.05	.08	.50	.13	.06	.12		T.	.07			.21	1.25	6.43
Mountain Home	White				.04			.25	.85	T.	1.00	T			T.			T.					.20	.90			25					3.49
Mountain Valley	Ouachita		1.11							1.77		.54									1.58			6.15			.83				.61	12.59
Mountain View [2]	White		1 02			T.		.10	T.	.87	T	1.05									1.00			2.73				.09				6.86
Mount Ida	Ouachita		1.10						.20	.48	1.03							.06			1.20		2.32	2.10		.08	.12				.91	9.60
Mulberry [2]	Arkansas		.15						.76	1.58		.39									.78			.68			.07	.09			1.18	5.68
Nashville	Red		1.39						1 45	.84	.05										.43	T.		*	1.32	.05	.30				1.05	6.88
Newhope [2]	Ouachita		.82							1.82		.45									.60			2.02			.20					5.91
Newport [2]	White		.40	T.					1.45	2.30	.03	1.15				.50			.03		.95	.03		.65			.03	.30			.02	7.84
Nimrod Dam	Arkansas		.74						.20	.57	.15	.66						.10			.64			3.21			.26	.08			.36	6.97
Odell [2]	Arkansas		.24						1.26	1.05		.89							.03		.42		.08	.30			.16	.02			1.41	5.86
Oden	Ouachita		1.30						1.10	T.	4.21							T.	.04		1.96		*	1.72		.10				*	.95	11.32
Okay	Red		.75						.57	.76	.13	.27									.38	.03	T.	1.50		.05	.28				1.07	5.79
Osceola [2]	Mississippi		.56	T.					.38	1.29	T.	.71	T.			.35	T.		.12		.60	T.		.78	T.		.04	.97	T.			5.80
Ozark [3]	Arkansas		.16						.14	1.87		.64							T.		.73			.23			.11	.03			1.04	4.95
Paragould	St. Francis		.50					.04	.95	1.51	1.26	2.44			T.	.14			.04		.51	.02	.04	.17			.42					8.04
Parkin [2]	St. Francis		.83	.14					.32	1.73	T	1.03									.95			.35				.62				5.97
Perryville	Arkansas								*	.91	*	.83									.77			3.70			.31				.22	6.74
Pine Bluff [2]	Arkansas		1.23	.15						.58	.18	.88									1.37			.69			.65	.23			.32	6.28
Pine Ridge [2]	Ouachita		.98	.20						.32	.37	.91									1.33			1.52			.15	.03			1 12	6.93
Pocahontas	White		.37					.19	.48	.99	.64	2.90				.09		.01	.04		.65	.02	.07	1.84			.44					8.73
Portland [2]	Ouachita			.65							.61									T.		4.60			.55		.45	.05			.30	7.21
Prescott [2]	Ouachita		1.10	.06						.86		T.									.87		.03	.77			.10	.20			.70	4.69
Red Star	White		.20		T.			.20	1.22	.10	.90	.02			T.				04		.69		.12	.47		.05		.32			.76	5.09
Rogers	White							T.	1.26	.74	.61				.17					.38			07	.30		.09	.10			*	1.09	4.81
Rosebud	Arkansas		.37						.47	1.37	.47										.88			1.90			.34	.12			.17	6.09
Russellville	Arkansas	.74	.70						.74	.10	.66	.21							.10		1.08			3.84			.14				.31	8.62
St. Charles [2]	White		1.30						.12	.90	.22	.59									.67			.98			.63	.15			.18	5.74
St. Francis [2]	St. Francis		.51						.66	1.98	.68	5.45				.22					.48			.31				.47				10.76
Searcy [2]	White		.51	.05						1.39	.05	.28				.03			T.		1.04	T.		.33			.12	.39			.05	4.24
Sheridan	Ouachita		2.25						.22	1.34	.06	1.10	.02		.02				.04		1.52			.23		.01	.36	.08			.18	7.53
Shirley [2]	White		.75						.20	2.94	T.	1.50				.60					1.04			3.85			.25	.16			T	11.29
Siloam Springs	White								1.21	.13	.48	.28			T			T.		.50		T.	.60	.39		.03	T.			1.23	T	4.85
Sparkman	Ouachita		.77						.20	.58		44									.79			.62			.32				.57	4.29
Stamps	Red		1.25						.50	.50	.20									1.45			T	1.00		T.				1.00	.32	6.22
Stephens [2]	Ouachita																															....
Steve [2]	Arkansas		1.28	T.						.72		.54									1.70			4.00							.71	8.95
Story [2]	Ouachita		1.00						.12	.75	.90								.11		2.47			3.75				.19			.77	10.06
Stuttgart [2]	Arkansas		1.47	.01						1.36	1.41										.75					.13	.22				.29	5.64
Stuttgart Evap [2]	Arkansas		1.58	.10					.03	1.36	.33	1.32									.86			.39			.11	.53			.20	6.81
Subiaco	Arkansas		.56						1.26		.96												.15					T			1.00	3.93
Sugar Grove [2]	Arkansas		.65							.50	.41	.95				T.			T.		.32			.47			.04	.20			1.21	4.75
Texarkana [1‡]	Red		1.24					.02	1.01	.73	T									.38	.06	T.	1.21			.02	.05			1.38	1.90	8.00
Tichnor [2]	White		.78	.24						.70	.35	.40				.02				.06	.68		1.03				.57	.56			.23	5.62
Turnpike	Arkansas		74		T.			.03	3.98	.04	1.05				.06				.03		.88	.01	.01	.81			.26				.50	8.40
Viola [2]	White								.05	.93		1.13				.30					.92	.01		2.00			.22					5.56
Waldron [2]	Arkansas		.75						.20		1.30										.70		*	.38			.05			*	1.40	4.78
Walnut Grove	White		.91					.08	.65	1.12		.12		1.01		T.				.07		.74	.21	.51			.71				T	6.13
Warren	Ouachita		.35					T.	.47	1.27	.05	.50			T				T.		.90		T	.52		T.	1.34				.82	6.22
Whitecliffs [2]	Red			1.05					.71	1.28	.20		.50								.98			1.43				.70			2.00	8.85
White Rock	Arkansas		.17					.04	5.47		.52				.04				.10	.18	.68		.35	.21		T.	.74			.20	1.35	10.05
Wilson [2]	Mississippi		.43	.20					.58	1.25	.75	1.08									.97			.73				.85				6.84
Wynne [2]	St. Francis		1.08	1.62					.98	1.63	.18	1.28									1.03			.53				.41			.02	8.16

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for April, 1944

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Monthly
Bethesda §§	Evap.	....	...	....	....	....	....	....	....	....	....	.	.430	.129	.233	.118	.329	.002	.150	.238	...	.176	.053	....	....	.277	....	....	.280	.219	.296	.....
	Mean tem.	56	48	43	38	38	48	56	59	64	72	69	57	52	64	64	50	50	51	56	70	68	73	74	78	59	62	58	62	58	65	57.4
	Wind move	173	191	115	108	84	38	187	218	99	155	95	173	47	155	50	152	60	74	74	79	51	110	102	162	73	70	84	21	102	75	3177
Hope, Exp. Farm §§	Evap.	.128	.145	.102	.159	.183	.161	.165	.062	...	.078	.192	.180	.130	.174	.167	.353	.164	.149	.209	.259	.099	.172	.190	.350	.217	.122	.180	.100	.198	.158	4.946
	Mean tem.	56	54	48	52	52	58	60	65	68	68	58	57	57	63	68	56	58	61	68	69	70	72	63	62	62	69	61	63	62	68	61.5
	Wind move	45	62	65	43	62	36	67	55	41	47	86	120	32	29	68	111	37	39	53	32	24	37	67	152	65	26	51	48	40	47	1687
Nimrod Dam	Evap.	.238	.112	.174	.139	.169	.146	.146	.051	.137	.144	....	.060	.192	.204	.254	.292	.160	.174	.192	.186	.156	.134	....	.320	.188	.034	.139	.141	.216	.149	4.647
	Mean tem.	62	57	45	49	45	52	68	64	65	69	58	56	56	64	60	55	54	58	63	62	72	72	62	61	63	65	62	62	62	68	60.4
	Wind move	19	16	21	20	11	48	100	40	33	62	100	111	29	67	78	118	20	75	14	31	37	40	116	209	25	26	9	11	36	52	1574
Russellville	Evap.	....	.374	.152	.204	.130	.080	.104	.070	.062	.178	.288	.126	.230	.152	.180	.230	.200	.142	.218	.196	.124	.180	...	.262	.188	.140	.094	.188	.259	.108	4.850
	Mean tem.	61	58	46	46	44	53	66	66	66	70	64	56	56	62	61	60	63	57	62	66	72	76	70	60	64	66	63	61	65	69	61.2
	Wind move	39	46	21	24	20	33	38	28	32	36	57	60	32	43	40	66	48	35	36	21	20	29	52	89	29	32	15	25	57	34	1137
Stuttgart, Rice Exp. Farm §§	Evap.	.144	.171	.068	.116	.104	.119	.096	.107	.085	.087	.180	.253	.081	.161	.047	.368	.005	.142	.190	.126	.057	.086	.073	.282	.201	.139	.045	.048	.186	.205	3.972
	Mean Tem.	55	50	46	46	44	50	51	63	64	68	65	52	51	57	66	52	53	59	62	63	68	70	66	60	62	63	62	60	63	64	58.6
	Wind move	103	119	95	46	46	27	126	156	106	102	193	225	37	57	134	130	59	61	52	79	47	85	132	171	96	82	50	46	70	129	2861

Daily Temperatures for April, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	72	72	57	60	59	70	78	69	71	80	77	65	69	72	77	73	64	72	75	78	82	77	74	70	77	72	68	72	76	74	71.7
	Minimum	51	42	34	32	33	34	59	60	56	62	53	44	41	47	46	45	39	47	50	54	66	64	56	54	48	53	54	49	47	57	49.2
Arkadelphia §§	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.. .
	Minimum	44	51	36	36	38	38	45	61	56	58	58	48	43	44	47	45	44	46	53	56	61	63	57	50	51	51	55	52	56	55	49.9
Batesville Air. ***	Maximum	75	57	55	46	58	64	71	65	76	81	68	66	68	67	79	54	60	70	72	78	80	77	71	74	78	62	68	71	77	76	68.8
	Minimum	52	43	31	32	29	32	55	57	57	60	51	45	42	52	53	39	38	44	45	54	61	63	54	50	43	57	53	50	47	59	48.3
Batesville, Livestk §§	Maximum	72	56	56	43	57	62	71	62	74	79	69	64	67	74	80	53	59	69	73	76	80	76	68	72	76	63	68	71	76	74	68.0
	Minimum	42	41	30	34	29	32	43	57	56	57	56	43	38	46	50	43	35	41	43	49	55	65	60	51	41	51	52	48	47	55	46.3
Bee Branch	Maximum	70	72	56	54	57	62	70	70	71	77	76	66	66	64	75	74	60	70	72	73	77	78	72	68	74	72	70	71	73	71	69.4
	Minimum	45	40	28	29	24	29	57	54	55	60	55	42	40	47	43	42	37	44	47	52	56	61	59	48	46	54	52	47	50	58	46.7
Benton §§	Maximum	72	74	56	60	58	71	70	65	75	82	67	65	70	73	81	64	65	74	76	75	81	79	68	74	76	73	67	72	76	81	71.3
	Minimum	29	31	32	30	29	30	36	60	56	57	57	47	38	46	43	45	42	44	49	53	60	59	59	51	49	51	53	49	52	57	46.5
Bentonville §§	Maximum	69	54	51	51	59	69	77	60	78	73	52	62	70	74	65	51	64	61	74	67	82	77	56	65	78	73	66	74	72	77	66.7
	Minimum	33	38	29	30	26	21	38	57	54	55	48	36	38	42	46	36	36	37	38	44	47	60	47	44	44	48	46	45	47	53	42.1
Bethesda §§	Maximum	72	55	54	43	46	62	71	62	73	80	70	65	64	74	78	57	60	70	72	78	80	76	68	74	76	64	73	75	75	80	68.2
	Minimum	39	41	32	34	31	34	42	56	56	57	58	44	38	44	50	43	34	42	42	51	58	66	60	52	42	55	53	48	42	51	46.5
Bluff City	Maximum	76	75	58	68	68	74	73	73	79	82	74	68	72	77	84	82	73	78	81	78	81	82	79	72	72	78	79	75	77	75	75.4
	Minimum	49	47	35	33	40	41	60	59	55	67	55	47	43	49	55	44	44	51	56	58	65	61	57	51	54	57	61	61	52	54	52.0
Blytheville	Maximum	73	59	56	53	56	66	65	66	74	73	74	59	69	72	78	69	61	71	76	77	79	82	79	71	77	71	64	70	78	77	69.8
	Minimum	46	38	29	32	25	30	53	57	55	55	57	42	34	49	48	46	39	45	43	55	56	60	60	51	46	54	50	45	47	59	46.9
Booneville	Maximum	74	71	60	64	62	72	76	73	79	78	72	69	73	80	76	68	68	71	77	75	85	81	71	70	78	73	71	72	75	80	73.1
	Minimum	52	46	33	33	33	40	60	58	58	64	49	43	43	57	45	44	40	39	50	53	60	67	53	46	48	57	55	50	52	58	49.5
Brinkley ***	Maximum	73	58	56	52	56	65	72	72	75	81	71	62	66	67	81	59	63	74	74	70	79	78	74	72	74	69	67	70	76	72	69.3
	Minimum	52	42	35	34	29	34	58	62	56	64	51	48	42	52	53	44	41	48	51	59	64	65	58	49	50	58	56	50	52	60	50.6
Camden	Maximum	75	65	57	67	69	72	75	75	79	82	80	68	72	73	84	83	76	81	84	78	80	83	80	79	74	70	76	76	78	78	75.6
	Minimum	49	46	39	36	44	43	60	59	57	68	57	47	45	51	53	46	45	54	56	61	64	61	60	59	51	57	57	52	55	60	53.1
Camp Robinson ***	Maximum	77	63	56	55	68	72	76	74	78	83	70	66	67	72	81	61	64	73	76	76	80	80	70	74	70	71	68	72	76	75	71.5
	Minimum	48	41	31	31	32	61	64	42	42	52	47	44	42	45	47	43	39	48	49	56	60	59	55	49	47	44	51	49	50	50	47.3
Conway	Maximum	77	72	61	59	60	70	75	70	75	84	75	70	75	72	80	75	65	75	76	79	84	80	77	73	79	74	70	74	77	76	73.6
	Minimum	47	43	30	32	28	34	59	61	57	62	56	46	43	49	46	47	40	47	49	57	62	61	62	52	50	57	54	48	50	58	49.6
Corning	Maximum	76	72	62	59	58	65	69	71	77	72	75	67	67	71	81	69	58	72	79	77	82	83	78	71	79	79	74	72	79	85	72.6
	Minimum	52	41	32	34	27	30	54	58	60	59	62	44	39	39	40	45	40	46	45	54	59	64	62	45	49	57	52	46	45	60	48.0
Crossett	Maximum	78	76	59	68	61	73	78	76	79	78	76	64	72	72	86	77	75	81	81	81	73	84	80	77	77	82	68	75	79	79	75.5
	Minimum	41	47	33	29	41	33	61	61	55	55	64	42	37	37	53	45	47	57	57	61	66	58	62	52	48	58	54	48	50	62	50.5
Dardanelle	Maximum	76	75	63	59	59	72	76	63	76	77	75	69	75	75	78	76	64	72	74	75	83	85	74	71	80	74	72	73	77	79	73.2
	Minimum	45	44	36	35	32	37	60	59	57	64	54	45	47	53	51	47	43	44	52	55	61	66	58	50	52	57	55	51	52	61	50.8
De Queen	Maximum	75	71	61	71	65	73	72	74	75	77	65	73	70	81	80	72	70	78	79	79	83	75	70	74	77	81	77	75	70	76	74.0
	Minimum	48	51	34	34	39	43	61	62	60	60	52	46	45	55	47	44	45	58	42	58	64	62	52	47	53	58	56	51	55	45	50.9
Des Arc	Maximum	74	74	55	55	56	65	71	71	75	82	80	64	69	68	79	78	62	72	72	72	79	79	77	71	76	74	71	71	77	76	71.5
	Minimum	48	43	38	35	34	37	59	61	58	64	62	47	45	53	53	47	43	47	52	68	61	65	63	52	52	58	55	52	52	61	52.2
Devils Knob	Maximum	65	62	51	51	56	59	59	64	70	66	61	61	61	67	70	52	59	66	70	69	75	71	63	64	71	68	65	69	70	70	64.2
	Minimum	48	35	29	35	28	36	51	47	48	58	41	33	39	47	50	33	33	35	49	51	58	59	46	42	50	49	48	45	50	53	44.2
Dumas	Maximum	78	68	57	62	61	72	76	79	78	83	77	63	70	72	67	65	71	80	80	83	78	83	79	77	75	74	72	72	77	76	73.5
	Minimum	50	45	35	36	39	34	59	64	57	65	58	48	42	50	45	45	45	52	56	59	65	63	63	52	57	57	57	53	54	60	52.2
El Dorado	Maximum	67	55	59	69	66	75	77	78	80	81	78	68	73	73	85	74	77	80	82	81	76	85	79	76	72	79	76	77	79	79	75.2
	Minimum	42	39	37	34	43	43	59	63	58	67	63	46	45	54	53	47	46	57	58	61	67	64	63	50	57	58	58	52	57	61	53.4
England	Maximum	75	71	58	58	58	68	72	72	74	82	79	67	69	70	82	73	63	71	75	74	79	81	81	73	74	72	72	72	74	74	72.1
	Minimum	49	42	34	36	34	36	54	65	58	62	58	47	63	47	53	45	42	47	53	54	62	60	63	50	52	56	54	51	59	60	51.5
Eureka Springs	Maximum	69	64	55	50	57	67	74	71	79	78	64	61	72	71	70	51	61	60	72	68	82	79	69	64	79	72	64	71	72	79	68.2
	Minimum	54	37	27	32	29	39	52	53	54	60	44	32	42	53	51	36	35	37	41	49	53	64	48	44	45	55	50	45	48	56	45.5
Fayetteville	Maximum	71	65	55	54	61	71	76	72	78	76	69	62	71	74	68	51	65	61	76	69	82	77	70	66	78	75	68	76	72	77	69.5
	Minimum	52	40	29	33	30	41	58	54	55	60	44	36	41	53	50	36	37	35	44	48	57	65	47	44	43	55	51	48	53	56	46.5
Fayetteville Exp. S	Maximum	70	69	55	52	58	69	75	74	75	74	65	60	67	73	71	58	64	63	74	69	80	78	76	65	76	75	69	73	72	75	69.1
	Minimum	48	38	27	27	24	34	57	53	53	59	44	36	38	53	47	36	35	33	41	48	54	64	46	43	42	54	50	44	48	55	44.4
Fordyce	Maximum	77	78	61	69	62	74	73	75	79	83	75	70	73	73	87	73	74	72	84	82	80	82	78	76	72	75	71	76	79	77	75.3
	Minimum	49	54	34	35	42	40	60	61	57	66	55	48	44	52	54	42	43	52	55	60	66	63	62	49	54	57	55	50	52	60	52.4
Fort Smith ***	Maximum	72	61	58	68	61	73	77	69	78	78	65	67	74	78	71	59	64	69	73	69	85	77	60	69	79	72	73	73	74	79	71.1
	Minimum	53	45	38	40	37	42	61	58	59	63	46	45	43	58	49	44	44	41	53	52	62	66	53	48	53	57	58	53	54	59	51.3
Gilbert §§	Maximum	72	72	60	50	59	67	74	74	78	75	66	65	69	70	77	52	63	70	76	79	81	74	66	70	75	75	69	72	76	73	70.0
	Minimum	28	42	25	27	20	20	30	58	52	52	48	41	34	35	40	41	30	38	38	39	52	67	61	49	40	45	45	42	39	55	41.1
Grannis	Maximum	73	66	59	69	62	72	70	66	77	75	62	64	70	78	80	68	70	77	74	79	82	73	70	60	75	79	73	74	74	75	71.5
	Minimum	47	47	34	34	35	39	58	56	52	65	48	43	42	52	47	41	43	43	52	57	61	63	48	45	53	56	53	49	53	59	49.2
Gravette	Maximum	68	63	54	52	61	71	76	69	79	79	69	63	71	74	64	51	67	62	73	68	84	81	72	65	79	72	69	74	73	78	69.4
	Minimum	45	37	27	29	27	37	55	53	54	55	44	36	43	53	45	36	36	37	43	45	54	63	47	43	41	55	50	46	50	56	44.7
Green Mountain	Maximum	65	60	62	53	55	62	70	70	75	76	75	65	65	61	72	58	58	65	71	75	80	80	79	68	75	71	65	60	62	70	67.4
	Minimum	45	40	32	32	31	38	55	54	56	55	57	40	38	39	51	36	39	39	54	55	52	60	62	48	52	50	45	42	45	55	46.6
Harrison	Maximum	73	65	54	50	58	65	73	71	80	75	63	62	70	67	73	51	60	63	75	74	81	77	70	66	78	72	67	73	75	75	68.5
	Minimum	52	40	27	29	22	29	53	41	55	61	47	39	35	52	51	38	32	39	37	52	51	66	54	47	40	54	51	41	41	55	41.4
Helena	Maximum	71	69	53	52	53	65	71	72	79	80	76	61	66	67	82	79	66	74	76	77	77	80	79	69	73	67	67	70	73	76	70.7
	Minimum	46	42	35	34	31	35	55	60	56	61	61	45	37	51	56	47	40	50	52	58	65	64	62	51	51	56	55	43	53	63	50.5
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope §§	Maximum	75	57	60	69	63	74	72	68	81	80	61	68	72	79	82	69	73	76	81	82	82	81	70	73	73	81	69	75	72	78	73.2
	Minimum	37	50	36	34	40	41	47	62	56	56	55	46	42	47	54	42	44	46	54	56	59	63	56	50	51	57	53	51	51	57	49.8
Hot Springs	Maximum	71	72	61	66	63	73	72	68	75	80	75	70	74	77	79	77	70	79	79	76	83	82	72	75	75	74	71	77	76	75	74.0
	Minimum	50	43	33	37	33	39	60	59	56	62	54	44	44	51	58	45	41	47	51	57	63	62	53	49	52	51	54	49	54	60	50.4
Jonesboro	Maximum	72	70	54	54	55	62	68	67	74	74	73	63	67	68	78	72	57	68	69	74	80	80	78	71	76	68	68	69	77	75	69.4
	Minimum	52	41	33	36	31	34	55	55	57	58	60	44	39	50	53	45	39	46	47	54	60	62	63	52	47	56	53	50	48	60	49.3
Lead Hill	Maximum	74	64	56	52	58	63	75	70	83	75	67	63	69	68	74	54	60	63	75	73	82	78	72	68	78	71	67	72	78	78	69.5
	Minimum	42	40	22	25	19	25	43	53	53	62	49	46	34	50	46	40	31	41	36	51	58	63	55	48	38	54	52	40	49	57	44.1
Little Rock ***	Maximum	75	59	56	55	55	71	72	69	70	82	70	66	67	72	82	61	63	72	75	74	80	79	72	75	75	71	67	72	76	76	70.3
	Minimum	49	43	37	36	36	38	61	60	58	65	50	47	45	50	53	47	43	51	53	59	65	61	58	53	52	58	55	51	52	61	51.6
Lutherville	Maximum	71	66	60	60	57	67	72	68	74	72	62	68	66	74	76	61	60	69	73	71	80	75	70	67	74	73	72	71	73	74	69.2
	Minimum	48	58	58	40	30	34	56	53	56	62	48	41	42	47	47	42	42	40	51	54	55	61	50	42	45	49	47	41	46	49	47.8
Magnolia	Maximum	77	72	58	71	70	74	74	79	84	..	80	70	72	78	82	83	76	77	80	83	80	84	75	74	74	83	72	74	78	79	76.3
	Minimum	48	48	38	33	42	44	58	58	57	..	55	48	43	45	52	44	45	55	58	60	66	64	57	49	55	58	52	51	55	60	51.7
Mammoth Spring	Maximum	75	68	56	54	64	62	68	66	78	72	67	66	68	65	78	60	58	67	73	80	80	75	71	69	80	78	70	71	77	73	69.6
	Minimum	48	40	28	29	26	26	54	55	54	59	51	43	36	53	52	41	40	43	42	53	54	63	61	50	40	40	54	45	47	49	45.9
Marianna §§	Maximum	72	50	53	51	55	62	72	70	74	80	70	60	67	68	80	57	65	74	75	76	78	80	77	70	74	69	66	70	75	72	68.7
	Minimum	50	45	33	30	29	30	56	62	58	62	60	48	39	50	50	47	40	50	52	59	59	64	62	52	50	54	54	52	53	60	50.3
Marked Tree §§	Maximum	72	50	53	49	56	63	70	66	75	76	74	61	67	69	80	54	61	69	73	75	79	81	78	71	75	68	70	72	77	74	68.6
	Minimum	38	43	34	34	30	33	33	56	56	57	60	44	40	48	53	48	40	44	49	53	57	62	62	52	50	50	54	49	48	50	47.6
Marshall	Maximum	73	66	54	45	57	62	70	61	75	76	72	60	65	77	71	55	60	66	73	77	79	76	65	69	74	70	67	79	74	72	67.8
	Minimum	54	41	28	31	26	33	47	53	56	62	50	40	43	58	55	40	35	41	47	54	63	65	55	48	46	55	52	44	53	56	47.7
Mena	Maximum	74	68	58	72	65	74	72	70	77	74	70	67	76	79	75	67	73	72	75	82	85	75	67	75	78	80	70	76	72	75	73.1
	Minimum	18	45	33	34	36	38	56	57	55	66	47	41	41	55	49	41	40	39	51	54	60	65	49	45	51	56	55	48	50	59	48.8
Monticello ***	Maximum	75	63	55	65	59	72	74	78	75	80	72	63	69	71	85	65	70	76	77	81	75	82	76	74	73	73	66	73	76	75	72.3
	Minimum	49	42	36	33	41	38	60	62	57	63	49	48	44	52	56	46	43	54	58	60	64	65	58	52	55	57	56	53	53	60	52.1
Morrilton §§	Maximum	78	61	61	55	60	74	78	73	75	85	63	72	67	76	79	62	63	73	75	74	83	75	65	70	77	74	72	74	75	80	71.6
	Minimum	46	44	36	36	34	34	44	61	57	59	55	45	46	47	49	47	42	46	50	51	57	65	62	51	51	48	55	50	49	54	49.0
Mountain Home	Maximum	72	78	57	55	60	65	74	75	81	78	68	65	72	66	77	56	62	67	77	77	82	68	64	69	78	73	73	74	78	74	70.5
	Minimum	41	41	29	34	25	30	48	56	54	61	50	41	41	52	51	41	36	40	41	51	58	54	51	49	41	55	53	45	47	60	45.9
Mt. Ida	Maximum	74	69	69	70	63	71	72	70	75	77	69	69	72	80	79	69	70	75	76	74	84	79	73	75	76	80	76	75	75	78	73.8
	Minimum	49	45	27	28	27	39	62	59	56	59	51	34	34	56	41	44	42	43	46	58	58	65	54	46	47	56	56	41	45	62	47.7
Nashville	Maximum	75	62	65	69	72	75	72	74	78	86	81	71	69	85	84	84	79	78	80	79	82	78	83	75	75	81	78	74	77	79	76.7
	Minimum	47	42	35	34	40	43	60	60	57	66	52	51	45	53	47	51	45	49	57	58	65	64	54	48	54	57	51	53	56	54	51.6
Newport	Maximum	74	68	57	47	57	64	71	69	77	81	76	65	68	69	81	51	60	70	72	75	80	78	73	72	77	67	69	71	77	77	69.9
	Minimum	49	45	35	33	29	30	56	60	57	62	62	46	41	52	54	48	40	47	49	56	63	65	64	54	49	59	56	51	49	61	50.7

Daily Temperatures for April, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Nimrod Dam	Maximum	73	70	58	64	60	71	73	68	74	75	67	68	72	76	75	64	68	71	78	77	83	80	68	70	78	74	69	77	76	75	71.7
	Minimum	52	44	32	34	30	34	63	59	56	63	49	45	40	53	46	46	40	45	48	47	60	64	57	52	48	56	55	48	48	61	49.2
Oden ***	Maximum	74	64	58	72	65	72	73	66	78	73	61	69	73	79	76	63	71	72	79	79	85	72	68	75	77	80	72	76	76	79	72.6
	Minimum	49	45	41	32	32	38	61	58	57	55	47	44	41	55	45	43	48	44	50	56	61	63	54	56	50	57	56	46	48	61	49.8
Okay	Maximum	75	73	73	71	73	74	75	73	80	80	80	76	72	80	88	85	79	77	79	81	84	82	79	77	73	82	82	75	78	80	77.8
	Minimum	36	38	40	35	39	41	60	59	56	66	66	47	44	54	52	44	45	50	56	56	64	65	54	46	53	58	53	50	55	52	51.1
Ozark	Maximum	72	66	63	65	60	71	74	75	80	78	69	68	70	78	78	70	63	70	73	71	80	80	69	69	78	71	71	71	75	76	71.8
	Minimum	41	47	32	34	29	42	53	55	55	63	40	43	44	52	44	44	42	40	50	55	60	66	51	48	50	56	54	50	54	58	48.4
Paragould	Maximum	70	65	55	52	55	62	68	66	69	70	70	62	66	68	75	68	59	68	69	74	79	79	78	73	75	69	68	67	71	75	68.2
	Minimum	46	42	33	37	30	31	55	58	58	58	67	44	38	50	50	45	41	45	47	55	58	64	64	52	46	57	53	48	47	61	49.3
Perryville	Maximum	..	..	75	55	58	72	76	72	76	82	73	68	70	76	82	83	66	72	76	77	85	79	76	71	80	74	70	72	76	80	74.0
	Minimum	..	..	30	32	28	32	60	58	51	66	49	44	43	50	55	43	40	45	49	55	58	65	59	50	48	55	55	46	46	57	48.9
Pine Bluff	Maximum	78	67	58	62	60	74	75	72	76	84	76	66	71	72	86	66	71	75	85	77	83	83	78	76	77	76	71	76	78	75	74.1
	Minimum	52	43	38	27	39	39	60	60	58	66	58	50	45	51	54	45	45	52	55	59	66	63	64	51	56	57	57	52	54	61	52.9
Pocahontas	Maximum	74	71	57	56	68	60	69	69	72	73	73	70	66	67	81	77	59	69	72	75	81	78	75	71	75	75	72	72	76	76	71.0
	Minimum	49	41	32	36	30	29	53	57	56	59	61	53	43	39	52	44	42	45	46	53	57	60	60	51	43	56	53	48	45	60	48.4
Portland	Maximum	75	72	56	67	62	72	75	78	79	80	76	68	71	70	85	80	75	79	82	80	80	85	80	78	78	77	75	75	80	77	75.6
	Minimum	47	45	37	37	42	37	57	62	57	62	75	44	43	50	58	48	45	60	58	65	70	68	67	67	55	58	60	52	54	62	54.7
Prescott	Maximum	76	73	60	70	69	74	74	73	80	80	79	68	74	80	83	82	75	77	80	81	83	81	78	74	74	79	79	76	78	77	76.2
	Minimum	49	49	38	37	42	43	61	65	56	67	57	48	44	50	54	45	45	54	57	59	66	63	57	51	56	58	56	52	53	61	53.1
Rogers	Maximum	69	60	54	47	57	68	76	70	78	74	64	65	70	71	65	50	62	61	72	70	81	75	70	63	73	73	65	73	73	76	67.5
	Minimum	45	37	28	34	29	35	57	54	54	61	45	36	39	53	44	36	35	38	42	48	54	64	45	43	43	55	50	45	49	57	45.2
Russellville	Maximum	74	72	58	59	58	72	74	74	76	77	75	68	68	74	77	75	64	70	75	75	84	84	81	69	77	75	73	73	76	78	72.8
	Minimum	48	45	33	34	30	34	58	57	56	64	52	44	43	51	45	46	42	44	49	56	60	67	59	50	51	56	53	49	54	60	49.7
St. Charles §§	Maximum	75	53	56	57	57	64	73	77	77	82	72	74	68	70	85	63	67	77	78	81	78	80	78	75	74	73	68	72	77	75	71.9
	Minimum	45	47	39	36	37	39	50	59	57	62	59	48	47	49	53	45	45	48	55	55	60	62	62	62	52	57	56	52	54	59	51.7
Searcy	Maximum	75	72	58	52	58	66	72	69	76	82	77	66	69	68	79	68	62	73	74	75	80	77	75	70	75	67	67	70	76	72	70.7
	Minimum	46	45	32	33	28	30	56	57	56	63	52	45	42	49	47	47	39	46	50	55	63	63	63	51	50	56	53	50	49	59	49.1
Sheridan	Maximum	75	73	57	59	58	72	72	70	75	82	80	65	69	72	84	77	66	74	77	75	81	80	79	77	75	73	71	72	76	75	73.0
	Minimum	49	42	30	33	34	35	59	61	56	63	57	46	40	47	49	45	38	46	48	55	63	62	61	48	49	55	53	47	50	59	49.3
Siloam Springs	Maximum	69	61	52	54	58	70	76	67	77	73	67	61	69	73	63	49	64	59	74	67	81	78	70	65	76	73	66	74	70	78	67.8
	Minimum	46	39	27	32	29	41	49	55	55	58	45	38	42	54	45	37	38	39	44	47	54	69	47	43	44	57	51	48	50	56	46.0
Stuttgart	Maximum	73	69	55	56	55	68	71	71	74	82	70	62	67	68	83	74	65	73	75	70	79	80	79	74	75	72	70	72	75	75	71.1
	Minimum	48	44	35	37	33	36	58	62	57	64	60	48	43	49	52	46	43	49	53	59	63	63	60	56	53	57	56	51	53	60	51.6
Stuttgart Evap. §§	Maximum	73	52	54	55	56	66	71	69	74	80	69	61	61	67	82	59	65	75	75	74	77	79	72	72	73	72	71	71	75	73	69.2
	Minimum	37	48	37	37	32	35	38	57	55	55	61	42	41	47	50	44	41	43	50	52	58	62	60	49	50	54	52	50	51	54	48.1
Subiaco	Maximum	74	68	57	63	60	72	75	73	80	72	68	68	72	79	74	66	65	68	75	72	84	80	73	67	79	74	74	73	75	79	72.0
	Minimum	54	44	34	51	34	40	62	57	57	63	51	59	59	40	58	50	44	41	50	55	60	66	55	48	52	56	55	52	49	64	52.0
Texarkana ***	Maximum	75	65	59	72	64	74	73	70	80	79	64	67	72	80	81	70	73	76	80	83	82	81	70	74	73	83	71	77	77	79	74.1
	Minimum	50	46	39	38	43	47	60	60	58	64	47	47	48	57	55	46	47	54	59	61	66	64	54	49	57	60	55	54	57	61	53.4
Turnpike	Maximum	70	61	52	52	60	64	65	59	73	68	64	64	66	66	78	69	60	68	74	71	78	70	65	69	73	70	66	69	72	71	66.9
	Minimum	46	35	28	35	26	35	51	46	50	56	42	34	39	47	43	34	32	38	40	50	58	59	47	40	50	48	46	43	49	52	43.3
Waldron	Maximum	74	70	60	67	62	72	75	74	77	77	71	66	73	80	74	69	69	68	78	72	86	79	69	70	78	78	72	74	76	78	72.9
	Minimum	52	46	31	32	31	36	60	59	57	65	50	43	39	54	42	44	41	39	48	54	58	66	53	48	49	57	56	48	52	59	49.0
Warren	Maximum	76	74	68	67	66	73	75	77	80	82	77	65	72	70	85	82	73	78	81	82	81	82	80	74	74	73	74	74	78	79	75.7
	Minimum	50	46	38	35	43	37	61	63	58	66	59	49	44	50	55	46	45	54	58	61	67	63	64	52	54	58	59	53	52	61	53.4
White Rock	Maximum	67	61	53	58	55	66	66	65	72	68	61	61	63	71	71	55	58	64	70	67	76	71	50	65	72	70	64	67	68	71	64.9
	Minimum	47	35	29	34	26	35	50	47	50	57	38	32	41	45	45	32	32	31	45	49	56	55	41	38	48	49	46	44	49	51	42.6
Wilson	Maximum	72	70	51	50	53	66	69	83	72	76	76	68	68	72	82	73	67	71	72	74	79	82	79	77	77	72	68	69	78	76	71.4
	Minimum	51	40	32	33	29	34	56	59	57	56	60	46	37	52	54	43	40	47	47	53	59	62	62	51	51	56	53	49	49	62	49.3
Wynne	Maximum	75	73	53	53	48	59	63	70	69	76	80	71	62	68	66	79	54	62	62	74	70	78	79	75	71	75	84	62	69	75	68.5
	Minimum	49	42	31	33	29	29	39	56	58	57	60	47	39	40	54	43	39	41	48	51	58	64	62	52	50	54	54	48	52	52	47.9

Daily River Stages for April, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	11.4	10.4	10.2	10.3	10.1	9.9	9.6	9.4	9.4	9.7	14.5	19.5	23.8	22.0	21.7	21.9	22.2	23.1	22.9	22.6	21.5	20.3	18.3	16.4	15.7	19.2	21.8	21.0	22.8	22.2
Van Buren	do	22	11.3	9.9	9.4	9.5	9.4	9.2	8.9	8.6	10.5	9.4	15.2	19.9	24.6	23.2	22.2	22.6	22.8	23.6	23.4	23.1	22.0	20.8	19.0	16.2	15.8	19.0	21.6	24.2	22.4	22.2
Danville	Petit Jean	20	8.1	7.9	8.2	8.9	9.4	9.1	8.0	7.2	7.1	13.1	18.4	20.8	20.7	18.6	15.1	11.2	8.9	7.5	6.9	6.6	8.7	7.8	8.2	15.7	11.9	9.2	7.8	8.1	7.2	7.1
Ozark	Arkansas	22	8.8	7.4	6.2	6.0	6.0	6.0	5.6	5.2	9.0	7.0	8.2	14.2	19.2	19.2	17.8	18.4	18.1	19.0	19.3	19.1	18.2	17.1	16.0	12.9	13.0	13.0	16.6	19.1	19.4	18.3
Dardanelle	do	22	13.6	11.9	10.8	9.8	9.4	9.4	9.2	8.7	13.6	13.6	12.8	16.0	20.6	23.4	22.2	21.5	21.6	21.8	22.4	22.5	22.1	21.1	20.8	15.8	16.5	16.0	18.7	21.4	23.3	22.2
Morrilton	do	20	9.5	7.4	7.0	5.8	5.1	5.0	4.8	4.8	6.4	9.5	8.7	9.6	14.4	18.2	18.4	17.0	17.2	17.0	17.6	18.0	17.6	16.8	16.6	16.0	13.2	12.6	13.2	16.2	18.2	18.2
Little Rock	do	23	11.6	10.8	9.5	8.4	7.5	7.1	6.6	6.7	6.5	9.7	11.2	10.9	13.6	17.9	19.4	18.6	18.1	18.0	18.1	18.5	18.5	18.1	18.0	18.1	15.5	15.0	14.4	16.3	18.4	19.3
Pine Bluff	do	25	15.8	14.1	13.2	11.7	10.7	9.8	9.4	9.1	8.9	9.2	13.2	13.8	14.4	18.3	21.2	21.6	20.8	20.6	20.6	21.6	21.1	20.9	20.5	20.7	20.3	18.6	17.9	18.0	20.0	21.7
Gilbert	Buffalo	30	5.2	5.1	5.1	5.0	4.9	4.7	4.6	4.4	6.6	6.0	8.3	7.0	6.1	5.7	5.6	5.3	5.0	5.0	4.8	5.1	5.5	5.3	6.4	6.0	5.6	5.3	5.5	5.4	5.2	5.0
Black Rock	Black	14	6.7	6.4	6.2	6.0	5.7	5.4	5.2	5.0	5.9	7.3	16.5	19.5	18.3	17.1	16.2	15.5	14.8	14.5	14.3	14.2	14.9	14.3	17.0	21.7	21.7	20.7	20.1	19.4	18.9	18.2
Heber Springs	Little Red	30	7.2	6.9	8.7	8.4	7.8	7.3	6.8	6.6	23.6	17.3	25.7	16.4	12.1	9.8	10.0	8.9	7.8	7.3	6.8	7.6	9.9	8.7	24.4	29.6	13.3	10.6	9.9	9.0	8.4	7.7
Ozark Beach Mo	White	30	4.7	4.6	4.2	1.5	1.4	2.8	2.8	1.0	7.4	7.2	10.4	12.8	12.0	8.7	7.2	6.4	5.8	5.2	4.8	4.6	4.6	4.5	3.6	1.5	1.4	2.8	1.4	2.2	1.0	1.9
Cotter	do	21	5.9	5.2	4.9	5.0	4.1	4.0	4.3	4.4	6.4	8.4	10.4	13.0	13.7	12.4	9.4	8.7	7.3	6.5	6.3	5.9	5.7	5.5	5.7	5.5	4.5	4.3	4.5	4.6	4.6	4.2
Calico Rock	do	18	5.8	5.5	5.3	5.1	4.6	3.8	3.4	4.0	5.2	8.4	9.2	11.0	13.3	12.6	10.0	8.2	7.2	6.6	6.0	5.8	5.6	5.6	8.1	7.6	6.0	5.0	4.4	5.3	4.7	4.5
Batesville	do	23	11.2	11.0	10.7	10.4	10.0	9.3	8.8	8.8	9.9	11.9	20.9	18.1	18.7	19.2	17.7	14.7	13.2	12.2	11.5	11.6	11.1	10.8	11.0	16.5	13.1	11.4	10.3	10.1	10.3	9.8
Newport	do	26	13.3	12.4	11.9	11.0	10.3	9.3	8.2	7.2	8.7	11.8	15.6	20.0	21.0	22.3	23.0	22.8	21.9	20.8	19.6	18.6	17.9	17.1	16.7	19.9	19.9	19.1	18.4	17.8	17.7	17.6
Georgetown	do	21	20.3	19.9	19.5	18.8	18.2	17.4	16.4	15.2	16.4	18.4	19.5	20.6	21.4	21.8	21.8	22.0	22.1	22.2	22.2	22.1	22.0	21.8	21.6	21.6	22.0	22.5	22.7	22.2	21.9	21.6
Des Arc	do	24	22.8	22.7	22.4	22.0	21.5	20.8	20.1	19.3	18.9	19.7	20.5	21.4	22.0	22.5	23.0	23.4	23.7	24.0	24.1	24.3	24.3	24.3	24.0	23.9	23.8	24.0	24.4	24.6	24.4	24.2
Clarendon	do	26	27.1	27.1	27.1	27.0	26.8	26.6	26.4	26.1	25.8	25.6	25.6	25.6	25.6	25.7	26.0	26.2	26.5	26.7	26.9	27.3	27.5	27.7	27.8	27.8	27.7	27.7	27.6	27.7	27.7	27.7
St. Charles	do	25	25.8	25.9	26.0	26.1	26.0	25.9	25.8	25.8	25.7	25.6	25.6	25.5	25.4	25.4	25.3	25.3	25.4	25.5	25.6	25.8	25.9	26.1	26.4	26.6	26.8	27.0	27.2	27.3	27.4	27.5
Glenwood	Caddo	..	6.2	6.8	6.8	6.5	6.4	6.2	6.1	6.0	6.7	6.4	8.0	6.8	6.5	6.3	6.2	6.1	6.0	5.9	5.9	6.6	6.2	6.2	10.7	7.2	6.6	6.2	6.1	5.8	5.7	6.7
Arkadelphia	Ouachita	17	9.4	12.1	17.6	12.7	12.9	10.4	8.7	9.0	11.3	18.0	13.5	17.1	16.6	12.0	10.2	8.3	7.9	8.0	7.8	10.4	14.4	12.8	19.6	25.6	22.4	16.7	13.1	9.0	8.5	8.8
Boughton	Little Mo.	20	13.7	11.7	16.0	17.0	16.8	14.1	10.8	9.5	10.2	16.2	17.3	17.7	17.1	15.2	11.2	9.5	8.1	7.7	7.2	8.7	12.5	10.2	12.3	17.0	17.5	16.8	13.0	11.6	9.2	8.7
Camden	Ouachita	26	32.0	31.9	31.3	30.9	31.0	30.7	30.0	29.0	27.7	26.3	26.5	27.4	27.9	28.7	29.5	29.2	28.0	25.7	22.7	19.7	18.4	20.5	22.8	23.9	26.4	29.4	31.6	33.1	33.0	31.8
Benton	Saline	20	8.3	8.9	12.0	9.9	8.9	8.2	7.8	7.5	11.6	17.7	12.3	12.8	9.8	8.8	8.2	7.7	7.3	6.9	6.6	8.7	11.2	9.1	22.1	20.5	11.1	9.4	9.7	8.7	8.2	7.7
Index	Red	25	9.8	9.4	9.4	12.4	13.6	13.6	12.2	10.8	10.6	11.4	11.8	12.0	11.2	10.2	9.7	9.4	8.6	8.2	8.1	8.0	7.8	7.7	9.2	10.2	9.8	9.1	9.2	8.9	8.2	9.0
Fulton	do	25	15.6	14.5	13.7	15.5	17.3	17.5	16.8	15.6	14.7	14.8	15.2	15.7	15.5	15.1	14.7	13.8	12.7	11.5	10.1	9.5	9.1	9.5	11.0	12.8	13.2	12.9	12.6	12.0	10.8	10.2
Big Lake Outlet	St. Francis	10	9.0	9.1	9.1	9.0	8.8	8.7	8.5	8.3	8.4	8.5	9.3	10.4	11.8	13.0	14.1	14.8	15.3	15.5	15.5	15.4	15.2	15.0	14.8	14.5	14.3	14.1	14.0	13.8	13.6	13.5
St. Francis	do	18	14.8	14.7	14.7	14.6	14.2	13.5	12.8	12.2	14.4	15.8	18.4	19.5	19.5	18.9	18.9	18.8	18.3	17.3	15.3	12.2	9.7	8.5	7.9	9.4	12.7	13.7	14.0	13.8	13.5	12.9
St. Francis L.L.	do	..	22.0	22.0	22.0	22.0	22.0	21.9	21.9	21.9	22.1	22.1	22.3	22.5	22.8	23.3	23.0	24.1	24.5	24.7	25.0	25.2	25.3	25.4	25.3	25.0	24.8	24.6	24.3	24.2	23.9	23.6
Marked Tree	do	17	8.7	8.4	8.3	8.2	8.0	7.9	7.8	8.0	10.0	10.6	10.9	10.9	10.8	10.6	9.7	8.9	8.5	8.2	7.9	7.9	8.0	8.0	7.9	9.3	9.5	9.4	9.6	8.7	9.1	9.2
Parkin	do	28	15.7	15.1	15.0	14.7	14.3	14.0	13.8	13.8	16.9	19.6	21.1	22.1	21.7	21.4	20.8	20.1	19.7	19.4	19.2	19.4	19.9	20.4	20.9	21.3	21.7	21.8	22.0	22.0	21.9	21.6
Madison	do	32	20.1	20.1	20.2	20.1	20.1	20.0	20.1	20.3	21.3	23.0	24.7	24.9	24.9	24.5	24.1	23.7	23.4	23.3	23.3	24.2	25.0	25.0	25.4	25.9	26.6	26.7	27.1	27.3	27.3	27.4
Helena	Mississippi	42	36.8	37.0	37.3	37.6	37.9	38.1	38.3	38.7	38.9	39.1	39.2	39.1	38.5	37.7	37.1	36.9	37.2	37.7	38.2	39.0	39.6	40.4	41.2	41.8	42.4	42.9	43.4	43.7	44.1	44.3
Arkansas City	do	42	32.8	32.7	32.6	32.7	33.0	33.1	33.2	33.3	33.4	33.6	33.8	34.1	34.3	34.2	34.1	34.2	34.5	34.7	34.9	35.3	35.7	36.0	36.4	36.9	37.4	37.8	38.3	38.6	38.9	39.2

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period for stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a}, ^{b}, ^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cold Spings, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt. Sparkman; Springbank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLIX Little Rock, Ark., May, 1944 No. 5

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GENERAL SUMMARY

May averaged slightly above normal in temperature. The first eight days were quite cold with temperatures averaging about eight degrees below normal, but seasonable temperatures prevailed during the rest of the month. Practically all stations recorded their highest temperatures between the 14th and 19th and their lowest temperatures between the 5th and 7th. On the 6th, four stations in the northwestern section experienced freezing weather, and light to killing frost was quite general over the northern half of the State.

Precipitation averaged about one and one half inches above normal for the State as a whole. The least amounts were measured by stations in the northeastern and extreme northern counties and the largest amounts by stations in the southern section. Most stations reported heavy rains on the first three days of the month and frequent thundershowers from the 20th to the 30th of the month. Reports of two inches to more than four inches of rain in 24 hours were quite plentiful early in May. Hailstorms caused some damage to crops and gardens in the northwestern section on the 24th and 25th.

Heavy rains during the early part of May resulted in flood stages along the Arkansas, Black, Lower White, and Ouachita Rivers. Flooding was not severe except along the Ouachita where crest stages were unusually high. At Camden the river crested at 42 feet, the highest stage of record at the present gage site.

May was generally favorable for agriculture. Heavy rains, flooded lowlands, and cold weather curtailed farm activities during the first eight days. A considerable acreage of spinach was inundated in the Arkansas River Valley, and crop land in the Ouachita, Black and Lower White river valleys was flooded or too wet to work. However, beginning about May 10th, conditions improved rapidly, and warm, dry, and sunny weather favored planting and cultivation of crops. Cotton planting was largely completed by the 25th, and chopping was in progress. Although late, corn made good progress and was in fairly good condition. Meadows, pastures, gardens, and truck made good growth, and rice planting was completed.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 76 stations, was 70.3°, which is 1.1° above the 54-year average for May. The highest monthly mean temperature was 73.5° at Pine Bluff, and the lowest was 66.1° at Devils Knob. The highest temperature recorded was 96° at Corning on the 17th and the lowest was 28° at White Rock on the 6th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 106 stations, was 6.42 inches, which is 1.46 inches above the 54-year average for May. The greatest monthly amount was 14.23 inches at Arkansas City, and the least was 1.45 inches at Madison. The greatest amount reported in any 24 consecutive hours was 5.30 inches at Hot Springs on April 30th-May 1st.

B. N. W.

MISCELLANEOUS PHENOMENA
Dates of

High Winds:--2,3,19,20,24,25,26,28,29.
Hail:--3,19,22,23,24,25,29,30.
Thunderstorms: ---1,2,3,4,8,9,12,13,14,16,19,20,21,22,23,24,25,26,27,28,29,30.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.29	11	29.68	2	8.0	32	sw.	25	84	57	58	55	43
Little Rock	30.34	11	29.76	22	7.7	29	s.	19	91	61	66	66	43
Memphis ..	30.33	11	29.74	22	7.0	27	nw.	24	87	61	66	77	48

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67.8	95	36	9.52	0.0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0.0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0.0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70.8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67.6	97	30	6.31	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0.0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
1939	69.4	96	34	4.85	0.0	10	13	9	9
1940	66.6	96	33	3.62	0.0	9	17	8	6
1941	71.4	97	40	2.22	0.0	6	14	10	7
1942	68.0	100	36	3.89	0.0	8	13	10	8
1943	71.0	95	38	7.89	0.0	10	10	9	12
1944	70.3	96	28	6.42	0.0	12	10	11	10
Period	69.2	107	24	4.96	T.	9	13	10	8

Corrections:-April, Jessieville, days with 0.01 inch or more precip. 9.

Climatological Data for May, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	68.6	......	91	10	35	7	6.58	......	3.53	30–1	0.0	9	7	16	8	w.	L. R. Water Works
Arkadelphia	Clark	200	48	73.2	+ 2.7	93	14	41	5§	8.15	+3.02	2.85	30–1	0.0	11	3	14	14	se.	George S Dews
Arkansas City	Desha	145	59	......	......	......	......	......	......	14.23	+9.86	4.41	23	0.0	13	22	0	9	......	John W. Trammell
Batesville Airway	Independence	363	7	70.4^{a}	+ 3.0	91^{a}	15§	36^{a}	7	5.33	......	1.32	2	0.0	10	5	14	12	s.	Airway Observer
Batesville Livestk.	Independence	....	3	68.2	......	89	15	33	7	3.62	......	1.33	2	0.0	7	14	14	3	se.	University of Arkansas
Batesville River	Independence	277	44	......	......	......	......	......	......	6.40	+1.60	1.43	8–9	0.0	12	10	11	10	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	67.9	– 0.4	89	29	36	5§	9.10	+4.06	1.20	24	0.0	11	7	16	8	w.	Miss Minnie Scanlan
Benton	Saline	285	8	67.8	......	89	14	35	7	6.12	......	1.73	30–1	0.0	11	24	1	6	s.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	67.4	......	88	14§	33	6	3.83	–0.97	1.07	8–9	0.0	13	8	22	1	s.	E. L, Browne
Bethesda †	Independence	500	4	69.4	......	95	16§	34	5§	2.93	......	1.30	2	0.0	6	12	14	5	se.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	......	......	......	......	......	......	2.36	–1.00	0.92	9	0.0	12	11	11	9	......	N. W. Douglas
Black Rock	Lawrence	259	42	......	......	......	......	......	......	3.56	–1.25	0.54	1	0.0	12	18	0	13	......	Vernon C. Howe
Bluff City	Nevada	....	3	71.3	......	90	14§	42	5	8.15	......	2.64	30–1	0.0	10	7	15	9	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	70.8	+ 0.7	92	15§	34	7	3.12	–0.42	0.94	10	0.0	8	13	17	1	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	70.4	+ 0.6	91	14§	37	5§	4.17	–1.00	1.10	1–2	0.0	13	8	16	7	s.	F. H. Randolph
Boughton †	Clark	235	8	......	......	......	......	......	......	10.56	......	3.79	1–2	0.0	12	11	6	14	......	Katie B. Moore
Brinkley	Monroe	205	52	70.9	+ 1.2	91	14§	38	7	6.83	+2.15	3.60	23	0.0	12	6	11	14	s.	U. S. Weather Bureau
Calico Rock	Izard	361	39	......	......	......	......	......	......	4.94	+0.31	1.07	2–3	0.0	14	11	3	17	......	William Jones
Camden	Ouachita	116	58	72.4	+ 1.3	93	15	45	5	10.14	+5.80	1.67	23	0.0	15	5	18	8	s.	J. M. Knight
Camp Robinson	Pulaski	463	3	69.0	......	92	15	37	5	7.90	......	2.02	2	0.0	14	1	23	7	se.	U. S Army
Clarendon	Monroe	172	39	......	......	......	......	......	......	3.78	–0.71	1.05	3–4	0.0	12	12	9	10	......	B. F. Northern
Conway	Faulkner	309	60	71.1	+ 1.2	92	14§	40	7	6.99	+1.88	1.99	30–1	0.0	14	14	9	8	s.	F. E. Cordrey
Corning	Clay	293	50	71.6	+ 3.3	96	17	35	7	5.26	+0.92	1.33	26	0.0	12	13	5	13	s.	Richard C. Polk
Cotter	Baxter	440	16	......	......	......	......	......	......	2.10	–2.64	0.61	30–1	0.0	6	18	11	2	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	71.3	0.0	92	14§	38	7	9.10	+5.14	3.03	20–21	0.0	9	15	7	9	s.	U. S. Forest Service
Danville	Yell	327	27	......	......	......	......	......	......	6.62	+1.76	1.96	30–1	0.0	14	5	15	11	......	J. M. Patterson
Dardanelle	Yell	330	57	72.0	+ 1.8	92	15	39	5	5.30	+0.04	1.35	30–1	0.0	15	5	15	11	s.	Geo. N. Goodier
DeQueen	Sevier	426	8	69.9	......	88	14	39	5	8.57	......	2.72	1–2	0.0	12	9	11	11	......	L. D. McCown
Des Arc	Prairie	204	5	71.7	......	94	16§	41	5	6.51	......	1.49	28–29	0.0	12	3	7	21	s.	Z. R. Glenn
Devils Knob †	Johnson	2350	7	66.1	......	84	13§	31	6	7.84	......	1.47	2	0.0	14	12	6	13	se.	U. S. Forest Service
Dumas	Desha	162	38	73.2	+ 1.9	95	14§	41	7	6.36	+1.76	1.72	4	0.0	12	7	14	10	s.	Ben Johnson
El Dorado	Union	270	43	73.3	+ 1.8	92	15§	42	5	11.34	+7.07	2.09	2	0.0	15	15	8	8	s.	Mrs. E. W. Gaston
England	Lonoke	229	37	71.0	+ 1.2	92	15§	40	7	9.60	+5.26	3.01	29–30	0.0	12	6	20	5	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	43	68.5	+ 1.9	88	15	30	6	4.82	–0.87	1.10	24–25	0.0	13	16	13	2	se.	Geo. W. Nichoalds
Fayetteville	Washington	1334	6	68.5	......	87	14§	34	6	5.25	......	1.31	28	0.0	13	4	18	9	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	56	67.5	+ 1.0	86	14	32	6	5.49	+0.25	1.10	8–9	0.0	13	6	23	2	s.	University of Arkansas
Fordyce	Dallas	280	3	71.8	......	92	29	42	5	7.46	......	2.77	1–2	0.0	7	4	24	3	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	71.6	+ 2.0	91	31	40	6	6.06	+1.24	1.95	8–9	0.0	16	7	8	16	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	......	......	......	......	......	......	7.09	......	1.90	26–27	0.0	12	10	15	6	......	Ft. Smith Water Plant
Fulton	Hempstead	260	58	......	......	......	......	......	......	9.63	+5.24	3.05	1	0.0	10	8	13	10	......	Ina L. Logan
Garland	Miller	225	1	......	......	......	......	......	......	7.94	......	2.20	30–1	0.0	10	......	......	......	......	L. D. Denney
Georgetown	White	200	31	......	......	......	......	......	......	5.04	+0.86	0.75	2–3	0.0	14	20	1	10	......	C. G. Long
Gilbert	Searcy	600	18	66.8	......	89	14§	33	7	7.47	+2.83	5.08	24–25	0.0	7	16	2	13	s.	F. E. King
Glenwood	Pike	547	8	......	......	......	......	......	......	11.64	......	4.25	30–1	0.0	12	8	0	23	......	Chas. A. Price
Grannis	Polk	950	24	68.9	+ 1.4	88	31	39	5§	9.27	+3.43	2.65	1–2	0.0	17	6	10	15	se.	W. E. McVay
Gravette	Benton	1250	46	67.9	+ 2.4	87	19	30	6	4.83	–0.48	1.16	9	0.0	11	8	17	6	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	68.4	......	92	1[illegible]	35	6	3.80	......	1.10	2–3	0.0	8	4	22	5	s.	U. S. Forest Service
Harrison	Boone	1052	43	67.8	+ 1.6	88	14§	33	7	3.34	–1.83	1.04	1–2	0.0	12	9	20	2	sw	J. M. McGaughey
Heber Springs (near)	Cleburne	272	14	......	......	......	......	......	......	5.92	+1.17	1.51	2	0.0	11	6	18	7	......	Lester B. Logan
Helena	Phillips	300	71	71.2	+ 0.5	92	29	39	6	2.83	–1.60	0.74	1	0.0	9	5	12	14	sw.	James A. Burnett
Highland	Pike	491	24	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Clyde Cooley
Hope 3 miles e ‡‡	Hempstead	375	73	70.6	– 0.4	90	14§	41	5	9.58	+4.55	3.24	30–1	0.0	12	6	10	15	sw.	University of Arkansas
Hot Springs	Garland	600	52	70.8	+ 0.6	91	15	40	6	8.90	+3.26	5.30	30–1	0.0	13	10	14	7	s.	National Park Service
Index †	Little River	275	26	......	......	......	......	......	......	10.21	+6.31	2.85	30–1	0.0	11	16	0	15	......	W. E. McDowell
Jessieville	Garland	750	17	......	......	......	......	......	......	6.50	+1.17	2.45	30–1	0.0	13	6	18	7	sw.	U. S. Forest Service
Jonesboro	Craighead	345	48	71.4	+ 1.8	92	29	36	7	2.69	–1.38	0.67	26–27	0.0	12	8	6	17	sw.	Benedictine Sisters
Lead Hill	Boone	650	37	68.6^{b}	+ 1.8	91	14§	33^{c}	5§	3.57	–1.38	1.50	29	0.0	11	18	9	4	s.	J. H. Crosswhite
Little Rock	Pulaski	257	64	71.4	+ 1.1	92	15	43	7	5.02	+0.24	2.07	2	0.0	14	7	11	13	s.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	......	......	88	28§	......	......	8.07	+2.71	2.64	2–3	0.0	14	19	5	16	e.	Clarence Lenhardt
Madison	St. Francis	209	13	......	......	......	......	......	......	1.45	–2.37	0.75	4	0.0	8	9	3	19	......	J. W. Eppes
Magnolia	Columbia	315	27	72.2	+ 0.2	91	31	40	5	9.10	+4.70	2.35	30–1	0.0	12	5	19	7	se.	State Agri School
Mammoth Spring	Fulton	600	39	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Mrs. Johnnie Morton
Marianna	Lee	235	32	71.0	+ 0.5	92	26	40	7	2.24	–1.67	1.37	3–4	0.0	6	12	10	9	s.	University of Arkansas
Marked Tree	Poinsett	229	39	71.2	+ 2.1	93	15§	37	7	2.96	–1.90	1.03	4	0.0	12	7	17	7	n.	Charles Walton
Marshall	Searcy	1050	..	69.6	+ 2.9	89	14	37	5§	6.57	+0.04	3.32	23–24	0.0	12	7	16	8	sw.	W. F. Reeves
Mena	Polk	1207	55	69.6	+ 0.9	91	18	35	6	8.58	+2.40	1.88	1–2	0.0	15	7	13	11	sw.	E. W. St. John
Monticello	Drew	273	3	71.7	......	91	15§	44	7	10.43	......	3.32	22	0.0	12	9	16	6	s.	Airway Observer
Morrilton †	Conway	315	27	72.0	+ 2.7	94	13§	42	5	6.77	+2.32	2.59	1	0.0	15	4	15	12	sw.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	6	......	......	......	......	......	......	7.80	......	1.90	27	0.0	12	11	10	16	s.	C. A. Lovell
Mountain Home †	Baxter	800	31	70.8	+ 4.1	90	14§	35	5	4.25	–0.94	1.20	14	0.0	11	9	10	12	w.	H. N. Halbert
Mountain Valley	Garland	788	6	......	......	......	......	......	......	7.99	......	2.79	1	0.0	6	7	15	9	s	C. A. Cockman
Mount Ida	Montgomery	702	44	68.4	+ 0.5	91	14	32	7	9.83	+3.87	2.05	2	0.0	15	8	11	12	sw.	I. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	......	......	......	......	......	......	4.03	......	1.10	1	0.0	9	12	2	17	......	R. G. Arvin
Nashville	Howard	350	5	71.4	......	92	19	40	5	12.92	......	4.94	30–1	0.0	14	11	4	16	e.	Carter Day
Newport	Jackson	231	60	72.0	+ 2.1	93	29	38	7	3.13	–1.10	0.82	1	0.0	12	10	4	17	sw.	W. T. Moyer
Nimrod Dam	Perry	475	2	70.0	......	92	14	35	7	5.43	......	1.43	29–30	0.0	10	15	7	9	se.	U. S. Engineers
Oden	Montgomery	800	16	69.8	......	89	15§	32	6	9.07	+4.46	3.50	30–1	0.0	14	8	13	10	s.	U. S. Forest Service
Okay	Howard	288	15	71.3	+ 0.4	89	15§	42	5§	10.54	+6.12	4.20	1	0.0	13	7	16	8	s.	Charles R. Jackson
Osceola	Mississippi	250	43	......	......	......	......	......	......	3.68	–1.12	1.19	2–3	0.0	10	22	4	5	......	G. M. Serey
Ozark	Franklin	396	48	70.0	+ 0.5	89	17§	37	5	4.68	–0.66	1.55	1–2	0.0	12	9	8	14	e.	Orkney O. Milton
Paragould	Greene	275	20	70.8	......	92	31	34	7	2.96	–1.22	0.75	25	0.0	14	11	17	3	sw.	J. E. Garrett
Parkin	Cross	222	13	......	......	......	......	......	......	2.28	–0.89	1.22	4	0.0	5	9	9	13	......	Carroll King
Perryville	Perry	325	4	70.1	+ 2.6	94	27	32	4	6.62	+0.88	3.00	30–1	0.0	11	10	13	8	sw.	Lillie Cranford
Pine Bluff	Jefferson	215	56	73.5	+ 2.2	94	15	44	5†	8.68	+4.29	2.43	23–24	0.0	10	3	13	15	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	19	......	......	......	......	......	......	10.06	+5.00	2.10	24–25	0.0	15	8	12	11	w	J. R. Huddleston
Pocahontas	Randolph	300	50	71.0	+ 2.6	92	15§	35	7	4.13	–0.52	1.00	21	0.0	12	10	9	12	s.	Benedictine Sisters
Portland	Ashley	122	37	72.5	+ 0.9	92	14	43	7	5.77	+1.07	1.18	3–4	0.0	9	10	13	8	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	72.8	+ 1.4	91	14§	42	6	9.98	+5.18	3.22	30–1	0.0	14	12	9	10	s.	W. R. Hambright
Rogers	Benton	1300	53	67.8	+ 1.8	86	19§	32	6	5.00	–0.08	1.35	28	0.0	9	10	17	4	se.	Howard Fowler
Rosebud	Faulkner	680	9	......	......	......	......	......	......	6.11	......	1.75	28–29	0.0	10	7	17	7	sw.	G. A. Maddox
Russellville ‡‡	Pope	526	31	70.9	+ 1.0	90	14§	38	5	5.07	+0.39	1.21	1–2	0.0	11	8	12	11	e.	U. S. Forest Service
St. Charles	Arkansas	175	10	72.1	......	94	16§	42	6	3.83	......	1.02	4	0.0	11	19	5	9	s.	U. S. Biological Survey
St. Francis	Clay	290	16	......	......	......	......	......	......	3.24	–0.49	0.78	23	0.0	13	18	0	13	......	W. S. Buckley
Searcy	White	245	33	70.0	+ 1.1	89	15	39	7	6.56	+2.16	1.08	2–3	0.0	17	12	8	11	se.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	70.4	......	91	14§	36	6	8.48	......	2.01	30–1	0.0	14	4	22	5	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	67.8	......	86	15§	33	6	4.35	......	1.52	1–2	0.0	12	2	27	2	s.	John Brown University
Story	Montgomery	650	19	......	......	......	......	......	......	5.65	+1.27	1.87	30–1	0.0	9	10	13	8	s.	S. C. Story
Stuttgart	Arkansas	214	56	71.8	+ 1.8	91	29	42	6§	2.96	–1.70	1.07	3–4	0.0	7	19	7	5	se.	Geo. L. Clark
Stuttgart 9 miles e ‡‡	Arkansas	198	8	69.6	......	90	14§	40	6§	3.51	......	0.79	3	0.0	8	......	......	......	......	University of Arkansas
Subiaco	Logan	750	45	71.6	+ 1.7	90	15§	39	6	6.45	+1.37	1.52	1–2	0.0	8	18	0	13	s.	New Subiaco Abbey

Climatological Data for May, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	59	71.6	− 0.3	90	12	42	5	6.89	+2.64	2.98	1−2	0.0	14	7	9	15	s.	U S. Weather Bureau
Turnpike†	Pope	2240	19	67.4	......	90	14§	33	6	7.49	+2.09	1.70	24−25	0.0	13	7	10	14	sw.	U. S. Forest Service
Waldron	Scott	675	24	69.7	......	90	15§	34	6	6.20	+0.97	2.15	24	0.0	14	4	17	10	sw.	William D. Bivens
Warren	Bradley	206	49	73.0	+ 1.5	92	15	43	7	12.71	+8.32	3.52	22	0.0	13	13	11	7	sw.	C. N. Turner
Whitecliffs	Little River	290	37	....	......	......	......	......	......	12.10	+7.56	4.60	30−1	0.0	10	12	4	15	......	L. M. Snead
White Rock†	Franklin	2285	7	65.4	......	86	26	28	6	4.34	......	1.03	8−9	0.0	10	17	9	5	sw.	U. S. Forest Service
Wilson	Mississippi	237	18	72.1	+ 2.4	93	29	39	7	3.61	−0.62	1.13	10	0.0	7	14	1	16	sw.	D. O. Anderson
Wynne	Cross	167	35	70.2	+ 0.8	89	16§	40	7	3.86	−0.45	1.19	3−4	0.0	9	..	..	..	......	Mrs. Claudia A. Ford
State Means	......	....	..	70.3	+ 1.1	96	17	28	6	6.42	+1.46	5.30	30−1	0.0	12	10	11	10	s.	

Daily Precipitation for May, 1944

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott[2]	Arkansas..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Alum Fork Reser.	Arkansas..	3.53	.85	.48	.61	....	....	....	....	T.	....	....	....	T.	....	....	....	....	....	....	.66	....	.08	....	.06	.23	....	T.	....	.08	....	....	6.58
Aplin[2]	Arkansas	1.58	.72	.23	.21	....	....	....	....	.12	....	....	....	....	....	....	....	....	....	....	.36	....	.34	....	T.	....	....	T.	....	....	.58	.21	4.35
Arkadelphia[2]	Ouachita..	2.85	1.75	.90	.40	.10	....	....	....	....	....	....	....	....	.40	....	....	....	....	....	.10	.60	....	.50	....	....	.20	....	....	.35	....	....	8.15
Arkansas City[2]	Mississippi	.08	4.02	.37	1.79	.67	.09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.19	.59	4.41	.47	....	....	T.	.03	1.45	.07	....	14.23
Augusta[2]	White	.66	.15	.55	.61	.17	....	....	....	.19	T	....	....	....	....	....	....	....	....	....	....	.03	.14	....	.44	.07	....	....	....	.05	....	.05	3.11
Batesville Air'y[1]	White	T.	1.32	.25	.20	....	....	....	T.	1.09	....	....	....	.05	....	....	....	....	....	....	1.02	.03	.15	....	1.13	....	.09	....	....	T.	....	....	5.33
Batesville Livestk[2]	White	.92	.06	1.33	.13	....	....	....	....	....	....	....	....	....	....	....	T.	.12	....	....	....	....	T.	....	....	.60	....	.46	....	....	....	T	3.62
Batesville River[2]	White	.75	.11	1.16	.36	.11	....	....	....	1.40	.03	....	....	....	.08	....	....	....	....	....	T.	1.17	....	.17	....	.88	....	.18	....	....	....	....	6.40
Beaty Lake	St. Francis.	.11	T.	.05	1.36	....	....	....	T	T	....	....	....	....	....	....	T	....	....	....	.03	....	T	T.	.20	....	.03	....	....	T.	....	....	1.78
Bee Branch	Arkansas..	2.80	.45	1.00	.10	....	....	....	....	.90	....	....	....	.50	.15	....	....	....	....	....	....	.90	.70	....	....	1.20	....	....	....	....	.40	....	9.10
Beech Grove	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Beedeville[2]	White	.30	.07	.28	.71	.19	....	....	....	.06	....	....	....	T.	....	....	....	....	....	....	....	T.	....	.02	....	T.	.84	....	.69	....	....	....	3.16
Benton[2]	Saline	1.73	1.37	.86	.56	.11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.12	.77	....	.19	....	.19	....	....	....	....	.16	.06	6.12
Bentonville[2]	Arkansas..	....	.95	.06	....	....	....	....	....	1.07	....	....	....	....	....	....	....	....	....	....	.11	03	.01	.02	....	.84	.05	.03	.10	.18	.38	T.	3.83
Bethesda[2]	White.	T.	1.30	*	.14	....	....	....	....	.49	....	....	....	....	....	....	....	....	....	....	....	.20	.15	....	....	.65	....	T	....	....	....	....	2.93
Big Lake Outlet[2]	St. Francis	....	.01	.28	.48	.35	....	....	....	....	.92	....	....	....	T	.01	.02	.05	....	....	....	.01	....	....	....	.08	....	....	.05	....	.10	....	2.36
Black Rock[2]	White	.54	....	.34	.26	.15	....	....	....	.32	.20	....	....	....	.41	....	.16	....	....	....	....	.41	.14	....	....	....	....	....	.24	....	.39	....	3.56
Bluff City	Ouachita..	2.64	2.09	....	.78	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	.18	....	1.17	....	....	....	.15	....	.13	.57	.04	....	8.15
Blytheville[2]	St Francis	....	T.	.14	.72	.42	....	....	....	....	.94	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	.13	....	.30	.12	....	.35	....	3.12
Booneville 3 mi- w	Arkansas..	.55	1.10	.03	.02	....	....	....	....	.38	....	....	.03	....	....	T.	....	....	....	....	.15	....	.01	....	....	....	.70	.21	.01	.14	.84	....	4.17
Booneville[2]	Arkansas..	.51	1.38	....	.03	....	....	....	....	.46	....	....	....	.20	....	....	....	....	....	....	.15	.07	.05	....	.01	....	.60	....	....	.17	.31	.66	4.60
Boughton[2]	Ouachita..	2.80	3.26	.53	.42	.10	....	....	....	....	....	....	....	....	.30	....	....	....	....	....	.73	.70	....	.76	....	....	.26	.42	....	.28	....	....	10.56
Brinkley[1]	White	.16	.11	.28	.43	....	....	....	T.	.01	....	....	....	....	....	....	....	....	....	....	T.	....	.02	3.60	T.	T	.08	....	.70	1.29	.14	.01	6.83
Burdette	Mississippi.	....	....	.19	....	....	1.65	.24	....	.53	....	....	....	....	....	....	.31	....	....	....	....	....	....	....	.15	....	....	.01	....	....	T.	....	3.08
Calico Rock[2]	White	.88	.25	1.07	.03	.02	....	....	....	.17	....	....	....	....	.01	.04	.27	....	....	....	....	.92	....	.22	....	.08	....	.88	....	....	.10	....	4.94
Camden[2]	Ouachita..	1.34	1.63	.84	.63	.37	.49	....	....	....	....	....	....	....	....	....	....	....	....	....	.61	.59	.18	1.67	....	....	.56	.21	....	.71	.04	.27	10.14
Camp Robinson[1]	Arkansas..	1.35	2.02	.23	.48	....	....	....	....	....	....	....	....	.13	....	....	....	....	....	.40	.17	.20	.90	....	....	.41	....	.76	.01	.42	.37	....	7.90
Carlisle[2]	Arkansas..	.79	.74	1.20	.57	.25	....	....	....	T	T.	....	....	....	....	....	.09	....	....	....	....	.36	.10	.13	.40	.43	....	T	....	.35	.29	T.	5.70
Clarendon[2]	White	.12	.30	.39	.73	.32	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	.61	.24	....	.63	....	.26	.07	.01	3.78
Cold Springs[2]	Ouachita..	1.16	1.63	....	....	....	....	....	....	.50	....	....	....	....	....	....	....	....	....	....	.15	.37	....	....	....	....	1.00	.51	.60	....	....	....	5.92
Conway	Arkansas..	1.99	.35	1.36	.82	....	....	....	.03	.04	....	....	....	....	....	.07	.16	....	....	....	.53	....	....	....	....	.50	....	....	.31	.26	.15	.42	6.99
Corning[2]	White	.31	.48	....	.27	.15	....	....	....	.70	.30	T.	....	T.	.35	....	....	....	....	....	....	.75	....	....	.23	....	....	1.33	.36	....	....	.03	5.26
Cotter[2]	White	.61	.60	.37	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.17	T	....	.31	.04	....	T.	....	T.	....	....	2.10
Crossett	Ouachita..	.80	1.02	T.	2.61	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	3.03	1.41	....	....	....	.06	T.	.04	....	T.	....	9.10
Crystal Valley[2]	Arkansas..	2.20	.60	.95	.58	....	....	....	T.	T	....	....	....	T.	....	....	....	....	....	....	54	.01	01	....	*	1.26	....	....	T	1.60	.15	....	7.90
Danville[2]	Arkansas..	1.96	1.28	.19	.06	.04	....	....	....	.14	1.49	....	....	....	....	....	....	....	....	....	.13	.11	.33	.01	....	....	....	.10	....	.32	.46	....	6.62
Dardanelle[2]	Arkansas..	1.35	1 17	.16	.01	.02	....	....	....	.65	.11	....	T.	....	....	....	....	....	....	....	.35	.15	.23	....	....	.10	....	.02	....	.07	.88	.03	5.30
Denmark[2]	White	.90	.09	.99	.52	.11	....	....	....	.62	....	....	....	....	.03	....	....	....	....	....	.03	.53	T	....	.03	.20	....	.03	....	....	.53	.01	4.62
De Queen	Red	.16	2.56	....	.80	....	.03	....	T.	....	....	....	....	.23	....	....	....	....	....	.29	.70	....	1.34	....	....	....	1.15	.61	....	.20	.50	....	8.57
Dermott[2]	Mississippi.	.26	2.92	.28	1.42	.67	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.58	5.23	.03	....	....	....	....	.01	.20	....	11.70
Des Arc[2]	White.	.63	.48	.84	.44	.25	....	....	....	....	T.	....	....	....	....	....	....	T.	....	....	.02	....	.24	.02	1.10	.05	....	T	....	1.49	.95	....	6.51
Devils Knob	Arkansas..	1.02	1.47	.25	...	....	....	....	....	.91	....	....	....	1.18	.14	....	....	....	....	....	.90	.06	.26	.04	....	....	.82	.15	.10	.54	....	....	7.84
Dumas	Mississippi	1.28	.55	.04	1.72	....	....	....	....	....	....	....	....	....	....	....	T	....	....	....	.02	.30	1.05	T.	1.12	....	T.	.01	.22	.01	.04	....	6.36
Eagle Gap[2]	Arkansas..	1.70	1.77	.08	T.	.10	....	....	....	.50	....	....	....	.14	....	....	....	....	....	....	.38	.15	.16	.06	....	....	2.67	.11	....	.32	T.	.03	8 17
El Dorado[2]	Ouachita..	1.40	1.70	2.09	1.67	.46	.15	....	....	....	....	....	....	.92	....	....	....	....	....	....	.58	.30	.11	1.47	....	....	.03	.45	....	.30	.01	....	11.64
Eleven Point	White	.43	T.	.62	.15	T.	....	....	....	.15	.69	T.	....	T.	.45	....	....	....	....	....	1.22	T.	T	T.	T.	....	....	.14	....	....	.46	T	4.31
England	Arkansas..	1.85	.45	.84	1.28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.44	.14	.32	.05	.12	.82	....	....	.28	....	3.01	....	9.60
Eureka Springs	White	.65	.47	.05	....	....	....	....	.05	.95	....	....	....	....	....	....	....	....	....	....	.06	.05	....	....	.10	1.10	.42	....	....	.77	.03	.12	4.82
Evening Shade[2]	White	.88	T	2.15	.08	.05	....	....	....	.44	.13	....	....	....	.33	T.	....	....	....	....	.07	.50	.02	....	....	.07	....	.19	....	....	....	....	4.91
Fayetteville	White	.14	74	.01	....	....	....	....	T.	1.27	....	....	....	....	....	....	....	....	....	....	.01	.14	02	.04	....	.30	.31	.57	1.31	.39	....	....	5.25
Fayetteville Exp. S	White.	.49	.71	.01	....	....	....	....	....	1.10	....	....	T.	....	....	....	....	....	....	....	.01	.10	.03	.04	....	....	.94	.41	.82	.82	.01	....	5.49
Fordyce	Arkansas..	.91	2.77	*	1.61	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	T.	.55	1.07	T.	....	....	T	....	....	....	.55	....	7.46
Forester[2]	Arkansas..	1.37	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	.14	....	.17	....	....	1.88
Fort Smith[1]‡	Arkansas..	.58	1.08	.05	....	....	....	....	.20	1.75	....	....	.16	....	....	....	....	....	....	.03	.24	....	.01	.11	T.	1.10	.01	.11	.09	.52	.02	....	6.06
Fort Smith W.[1]	Arkansas	.13	1.15	.09	....	....	....	....	.31	.55	....	....	....	....	....	....	....	....	....	.58	.22	T.	....	....	....	1.35	.03	1.87	.50	.31	....	....	7.09
Fulton[2]	Red	3.05	2.03	.18	.20	.03	.22	....	....	....	....	....	....	....	....	....	....	....	....	....	.73	....	T.	2.08	....	....	....	.87	....	T.	....	.24	9.63
Garland[2]	Red	2.20	1.78	.21	.60	.16	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	.70	.26	....	1.11	....	....	....	.62	....	....	....	....	7.94
Georgetown[2]	White	.70	.35	.75	.38	.28	....	....	....	T.	....	....	....	....	T.	.07	....	....	....	....	....	.10	.25	.12	.75	.10	....	.62	....	.12	....	.45	5.04
Gilbert[2]	White	.72	.70	.15	....	....	....	....	....	.36	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5.08	....	.16	....	....	.30	....	7.47
Glenwood[2]	Ouachita..	4.25	2.75	.16	.61	....	....	....	....	....	....	....	....	....	1.03	....	....	....	....	....	.52	.44	1.04	.33	....	....	.06	.31	.14	....	....	....	11.64
Grannis	Red	1.65	2.65	.02	.27	.01	....	....	.67	....	....	....	....	.02	.02	....	....	....	....	.20	.56	.37	.90	T.	....	.24	.72	.28	.44	....	.25	....	9.27
Gravelly[2]	Arkansas..	1 18	1.76	....	T.	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	.33	....	T.	....	....	....	....	....	....	.74	....	....	4.01
Gravette	Arkansas..	.15	.95	.10	....	....	....	....	....	1.16	....	....	....	....	....	....	....	....	....	....	.10	.06	.43	.14	....	....	.40	.68	....	.66	....	....	4.83
Green Forest	White	.36	.56	.02	....	....	....	....	.02	.73	.02	....	....	....	....	....	....	....	....	....	.14	15	....	....	2.93	.35	.34	....	....	.86	.02	.02	6.52
Green Mountain	White.	1.00	...	1.10	....	....	....	....	T.	.30	....	....	....	T.	....	.50	....	....	....	....	*	.20	....	....	T.	.30	....	....	....	.40	....	....	3.80
Greenwood[2]	Arkansas..	.20	1.58	.01	....	....	....	....	....	.60	....	....	....	....	....	....	....	....	....	....	.55	.05	....	T	....	....	1.59	.11	....	.39	.08	....	5.16
Harrisburg[2]	St. Francis.	....	.10	.15	*	*	.65	....	....	....	.35	....	....	....	....	....	....	....	....	....	....	.15	....	.16	1.00	....	....	.45	.28	....	.15	....	8.44
Harrison	White	.26	.78	.05	....	....	....	....	T.	.53	....	....	.13	....	....	.04	....	....	....	....	....	.17	.07	.24	.76	.26	T.	....	....	.05	....	....	3.34
Heber Springs[2]	White.	1.24	.16	1.51	.39	.06	....	....	T.	.68	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	....	.54	....	.98	....	.04	.23	....	5.92
Helena[2]	Mississippi	....	.74	....	.72	.67	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.02	.03	....	.27	.15	....	....	.11	....	....	.12	....	2.83
Henderson[2]	White	....	.30	.89	....	....	....	....	....	.32	....	....	....	....	.15	.16	....	....	....	....	.32	....	.13	....	.26	.06	....	.67	....	....	.31	....	3.57
Highland	Ouachita..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hollis	Arkansas..	.56	.95	.18	.42	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	.53	....	....	....	....	....	....	....	....	....	.75	....	3.49
Hope[2]	Red	3.24	2.16	.19	.61	.08	.12	....	T.	T.	....	....	....	.10	....	....	....	....	....	....	.20	1.21	T.	1.34	....	....	T.	.27	....	.06	....	T	9.58
Hot Springs	Ouachita..	5.30	1.31	.26	.57	....	....	....	.02	.05	....	....	....	.05	....	....	....	....	....	....	.60	....	.24	T.	.02	T	.39	.07	.02	T.	....	....	8.90
Huttig[2]	Ouachita..	.80	1 05	.41	2.40	.72	.08	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	.15	1.35	1.08	....	....	....	.08	....	....	....	....	8.22
Index[2]	Red	2.85	2.60	.30	.25	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	.75	....	.10	1.96	....	....	....	.65	....	.40	....	.10	10.21
Jessieville	Ouachita..	2.45	.25	.25	.07	T.	....	....	....	.08	....	....	....	....	.06	....	....	....	....	....	.60	.20	.28	....	....	.63	....	....	.60	.30	.73	....	6.50
Jonesboro[2]	White	.17	.04	.17	.45	.21	....	....	....	.04	.50	....	....	....	.06	....	....	....	....	....	....	.27	....	....	....	.11	....	.09	.58	....	T.	....	2.69
LaCrosse[2]	White	1.08	....	1.85	....	....	....	....	....	....	.24	....	....	....	....	.26	....	....	....	....	....	.11	....	....	.14	....	....	.81	....	....	.21	....	4.70

Daily Precipitation for May, 1944 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Lake City[2]	St. Francis	....	.22	....	.41	....	.50	....	....	....	.22	....	....	.14	....	....	....	....	....	....	....	.22	....	....	.06	....	....	.11	....	....	....	....	1.88
Lead Hill	White	.73	.42	.10	....	....	....	....	.01	.39	....	....	T.	.03	....	T.	....	....	....	....	.12	T.	.02	.08	.47	....	T.	....	....	1.50	T	....	3.87
Little Rock[1†]	Arkansas	1.12	2.07	.14	.32	....	....	....	T.	.01	....	....	....	T.	....	....	....	....	....	17	.22	.01	.08	T	.05	.35	....	T.	.01	.43	.04	....	5.02
Lutherville	Arkansas	1.36	1.41	1.23	.15	....	....	....	.07	.90	....	....	....	.08	....	....	....	....	....	*	.87	.08	.47	....	....	.08	....	....	....	.80	.57	....	8.07
Madison[2]	St. Francis	.25	....	....	.25	.50	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	.05	....	....	....	.05	.20	....	.10	....	....	.05	....	1.45
Magnolia	Red	2.35	1.76	.47	1.15	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	.33	.16	.11	1.39	....	....	....	....	.93	.09	....	.11	....	9.10
Mammoth Spg[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Marianna[2]	St. Francis	.23	.09	....	*	1.37	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	T.	....	....	....	....	.20	.35	....	2.24
Marked Tree[2]	St. Francis	T	.07	.18	1.03	.34	.04	....	....	.02	.31	....	....	....	....	....	....	....	....	....	.06	.25	....	....	....	.58	....	.05	....	....	.03	....	2.96
Marshall	White	.87	.68	.23	.23	....	....	....	.03	.28	....	....	....	....	.10	....	....	....	....	....	.22	T.	T.	.22	3.10	.48	.13	....	....	T.	T.	....	6.57
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Mena[2]	Ouachita	1.06	1.88	T.	.13	.02	....	....	....	.11	T.	....	....	1.66	....	T.	....	....	....	....	.85	.18	.15	.31	.01	....	1.01	.22	....	.65	.02	.32	8.58
Monticello[1‡]	Ouachita	1.17	.81	.82	1.48	.04	.09	....	....	....	....	....	....	....	....	....	....	....	....	.17	.35	.77	3.32	....	....	....	....	T.	.76	.65	....	....	10.43
Morobay[2]	Ouachita	1.25	1.37	.39	1.13	.48	.14	....	....	....	....	....	....	....	....	....	....	....	....	....	.42	.10	1.37	2.04	....	....	....	.22	....	.16	....	.46	9.53
Morrilton[2]	Arkansas	2.59	.70	.40	.23	T.	....	....	....	.25	.15	....	....	....	....	....	.27	.10	....	....	.20	.20	.05	....	.05	.10	....	....	....	....	.50	.98	6.77
Mountainburg	Arkansas	.11	1.09	....	....	....	....	....	....	.95	....	....	....	....	....	....	....	....	....	....	1.10	.06	.57	.07	....	1.20	.10	1.90	.25	.40	....	....	7.80
Mountain Home	White	.90	.10	.50	....	....	....	....	T.	.25	....	....	....	....	....	1.20	....	....	....	....	.60	.15	.05	.10	T.	....	T.	....	....	.20	.20	....	4.25
Mountain Valley	Ouachita	2.79	1.10	....	.90	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.00	....	.20	....	....	....	....	....	....	....	2.00	....	7.99
Mountain View[2]	White	1.80	.17	....	1.03	T.	....	....	....	.41	....	....	....	....	....	....	....	....	....	....	....	.60	.38	.10	....	1.07	.18	....	....	....	.15	....	5.89
Mount Ida	Ouachita	1.50	2.05	....	.36	....	....	....	.07	.25	....	....	....	1.20	....	....	....	....	....	.12	.57	.06	.33	....	....	....	.04	.11	1.20	.12	1.35	....	9.33
Mulberry[2]	Arkansas	.50	1.10	.11	....	....	....	....	....	.68	....	....	....	T.	....	....	....	....	....	....	T	.30	....	T.	T	....	.83	.11	.12	.28	....	....	4.03
Nashville	Red	4.94	2.63	....	.42	....	....	....	.10	....	....	....	.42	.60	.02	....	....	....	....	.04	.40	.85	.58	....	....	....	.70	.41	.81	T	T	....	12.92
Newhope[2]	Ouachita	2.39	4.27	.15	.75	....	....	....	....	....	....	....	....	....	.85	....	....	....	....	*	*	.95	....	.40	....	....	1.70	.66	....	.54	....	.26	12.92
Newport[2]	White	.82	.06	.55	.40	.15	....	....	....	.02	.25	....	....	....	.02	....	....	....	....	....	....	.20	....	....	.01	.30	....	.35	....	....	....	T.	3.13
Nimrod Dam	Arkansas	1.33	.86	.10	.06	....	....	....	....	.37	....	....	....	....	....	....	....	....	....	....	.56	....	.13	....	....	....	....	....	.33	.26	1.43	....	5.43
Odell[2]	Arkansas	....	1.33	.04	....	....	....	....	....	.49	....	....	....	....	....	....	....	....	....	....	.14	.28	.03	.02	....	....	1.01	.51	....	1.25	05	....	5.15
Oden	Ouachita	3.50	.10	.08	T.	....	....	....	.05	.15	....	....	....	....	....	12	....	....	....	T.	.55	.71	.61	....	....	....	.55	.55	.30	.65	1.15	....	9.07
Okay	Red	4.20	2.45	.09	.39	....	.13	....	.04	....	....	....	....	....	....	....	....	....	....	.07	.77	....	.97	.02	....	....	.32	.60	....	....	.49	....	10.54
Osceola[2]	Mississippi	.03	.13	1.19	....	.36	....	....	....	....	1.07	T.	....	....	....	T.	.58	.08	....	....	....	T.	....	....	....	.08	....	....	.02	....	.14	....	3.68
Ozark[3]	Arkansas	.24	1.55	T.	....	....	....	....	....	.78	....	....	....	.42	....	....	....	....	....	....	.06	.34	....	....	.03	....	.63	.19	....	.04	.37	.08	4.68
Paragould	St. Francis	16	.05	.02	.57	....	....	....	....	.38	....	....	....	.31	....	....	....	....	....	.03	.02	.17	....	....	.33	.02	.75	.14	....	.01	....	....	2.96
Parkin[2]	St. Francis	....	....	....	.84	.38	....	....	....	....	.11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	....	....	....	....	.60	....	2.28
Perryville	Arkansas	3.00	62	.39	51	....	....	....	....	.15	....	....	....	.43	....	.30	....	....	....	....	.37	....	.09	....	....	....	.30	....	....	T.	.46	....	6.62
Pine Bluff[2]	Arkansas	1.39	1.25	.50	.59	.33	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	T.	....	.80	.37	2.43	....	....	T.	....	01	1.01	....	8.68
Pine Ridge[2]	Ouachita	1.83	1.59	.07	.09	....	....	....	....	.29	....	....	....	.08	.07	....	....	....	....	....	.52	.41	.64	.17	....	2.10	24	....	.38	....	1.58	....	10.06
Pocahontas	White	.72	....	.37	.27	....	....	....	....	.58	....	....	....	.02	.30	....	....	.03	....	....	....	1.00	.09	....	....	....	.58	.06	....	.11	....	....	4.13
Portland[2]	Ouachita	.25	.50	.32	1.18	.73	.16	....	....	....	....	....	....	....	....	....	....	....	....	....	.48	....	1.03	1.12	....	....	....	....	....	T	....	....	5.77
Prescott[2]	Ouachita	3.22	3.00	.37	.35	.09	.03	....	....	T.	....	....	....	T.	T.	....	....	....	....	....	.89	.27	.02	.94	....	....	.12	.54	....	.01	....	.13	9.98
Red Star	White	.79	.56	....	....	....	....	....	1.22	....	....	....	....	T.	T.	....	....	....	....	....	.42	T.	T.	.57	.96	.30	.03	.32	....	T	....	....	5.17
Rogers	White	....	.81	.09	....	....	....	....	T.	1.16	....	....	....	....	....	....	....	....	....	....	.18	.04	....	....	T.	.87	....	.08	1.35	.42	....	....	5.00
Rosebud	Arkansas	.47	.28	1.29	.73	....	....	....	....	.43	....	....	....	.24	....	.12	....	....	....	....	.24	....	....	....	....	.56	....	....	....	1.75	....	....	6.11
Russellville	Arkansas	1.05	1.21	.17	T.	....	....	....	.02	.73	....	....	....	....	....	....	....	....	....	....	.72	T.	.32	....	.02	.03	....	T.	....	.73	.07	....	5.07
St. Charles[2]	White	.02	.53	.13	.62	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	.10	....	.50	.54	....	....	....	....	.15	.12	.72	3.83
St. Francis[2]	St. Francis	.05	.09	.21	.41	.20	....	....	....	.10	.65	....	....	....	.10	....	....	....	....	....	....	.12	.11	....	.73	....	....	....	.25	....	.07	....	3.24
Searcy[2]	White	1.00	.22	1.08	.66	.13	....	....	T.	.02	.02	....	....	....	.75	....	....	.39	....	....	....	.38	.19	.04	.01	.20	....	.64	....	.25	.58	....	6.56
Sheridan	Ouachita	2.01	.65	1.76	.70	....	....	....	.03	....	....	....	....	.08	....	....	....	....	....	....	.20	.04	.31	.02	.11	.78	....	....	T.	1.37	.42	....	8.48
Shirley[2]	White	2.21	.40	1.05	.21	....	....	....	....	.45	....	....	....	....	.22	....	....	.05	....	....	....	1.61	....	....	....	.50	....	....	....	....	.20	....	6.90
Siloam Springs	White	.33	1.19	T.	....	....	....	....	.57	.61	....	....	....	....	....	....	....	....	....	T.	.07	.04	.15	....	....	.79	.02	.28	.21	.09	....	....	4.35
Sparkman	Ouachita	3.15	1.25	.66	.69	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.04	.10	.59	....	....	....	.27	....	.03	....	....	....	6.78
Stamps	Red	2.70	.22	....	.65	.30	....	....	T.	....	....	....	....	T.	....	....	....	....	....	T.	.35	.10	....	1.45	....	....	.15	.60	.30	....	....	....	6.82
Stephens[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Steve[2]	Arkansas	1.42	1.32	....	....	....	....	....	....	....	.41	....	....	....	....	....	....	....	....	....	.62	....	.47	....	....	....	....	....	....	.65	....	....	4.89
Story[2]	Ouachita	1.87	....	.18	....	....	....	....	....	.32	....	....	....	....	34	....	....	....	.48	....	....	.90	.19	....	....	....	....	....	.43	....	.94	....	5.65
Stuttgart[2]	Arkansas	.41	.40	.25	1.07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.48	....	....	....	....	....	.07	.28	....	....	2.96
Stuttgart Evap[2]	Arkansas	.17	.36	.41	.79	.38	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.36	.49	....	....	....	....	.50	....	.05	3.51
Subiaco	Arkansas	.72	1.52	....	....	....	....	....	....	.98	....	....	....	....	....	....	....	....	....	....	.18	....	1.00	T	....	....	....	1.06	T.	.60	.39	T.	6.45
Sugar Grove[2]	Arkansas	.80	1.40	....	.10	.07	....	....	....	.80	....	....	....	.27	....	....	.22	....	....	....	.55	....	.80	....	....	....	.26	.15	....	.55	.15	....	6.12
Texarkana[1‡]	Red	1.89	1.09	.01	.21	.26	T.	....	T.	....	....	....	....	....	....	....	....	....	....	.39	.36	T.	.92	T.	....	.07	.35	.23	.56	.01	.54	....	6.89
Tichnor[2]	White	.18	.30	.33	.58	.44	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.26	1.41	....	....	....	....	.04	....	4.54
Turnpike	Arkansas	1.67	1.40	.23	.07	....	....	....	.06	.68	....	....	....	.21	....	....	....	....	....	....	.21	.12	.47	....	....	1.70	....	....	....	.60	.07	....	7.49
Viola[2]	White	.72	.08	1.13	....	....	....	....	....	.25	....	....	....	....	.10	....	....	....	....	....	....	.42	....	....	.32	....	....	.33	....	.30	....	....	3.65
Waldron[2]	Arkansas	.81	1.42	.02	.03	....	....	....	....	.30	....	....	.07	....	T	....	....	....	....	.05	.40	....	.08	....	....	2.15	.10	.11	.41	T.	.25	....	6.20
Walnut Grove	White	.92	.06	.70	.50	....	....	....	....	.65	....	....	....	.12	.26	....	....	....	....	....	.15	.25	....	....	.15	....	.47	.04	.09	....	....	.20	4.56
Warren	Ouachita	2.05	.72	.01	2.53	....	.15	....	T	....	....	....	T	....	....	....	....	....	....	....	.44	2.94	3.52	.01	.02	....	....	.09	T.	.20	....	.03	12.71
Whitecliffs[2]	Red	4.60	2.37	....	.62	....	.21	....	....	....	....	....	....	....	....	1.00	....	....	....	....	.85	....	....	.95	....	....	....	.65	....	.45	.50	....	12.10
White Rock	Arkansas	.08	.84	.16	....	....	....	....	....	1.03	T.	....	....	....	....	....	....	....	....	....	.60	....	T	....	....	*	.77	.64	.17	.05	....	....	4.34
Wilson[2]	Mississippi	....	....	.25	.92	.47	....	....	....	....	1.13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.55	....	....	.12	....	.17	....	3.61
Wynne[2]	St. Francis	....	.05	.16	1.19	.30	....	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.60	.45	....	1.00	....	....	.08	....	3.86

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for May, 1944

(See precipitation data in table on preceding page)

Station	Data	Day of month																													Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bethesda §§	Evap.	....	.069	....	....	.074	.200	.258	.088	.184	.116	.210	.142	.136	.100	.395	.131	.206	.389	.381	...	.263	.286	.022	.213	....	.367	.051	.347	.142	.192	.365	5.327
	Mean tem.	68	67	66	57	50	49	50	60	68	68	69	72	71	76	77	76	79	74	70	68	70	68	65	69	76	76	74	78	82	78	80	69.4
	Wind move	107	81	109	30	48	103	39	72	26	28	26	16	24	30	31	6	41	53	49	24	90	51	47	25	74	60	27	28	34	15	14	1408
Hope, §§ Exp. Farm	Evap.	....	...	.017	.165	.074	.217	.218	.202	.037	.159	.194	.192	.148	.162	.221	.237	.266	.277	.244	.103	.174	.123	.149	039	.243	.252	.091	.169	.199	.248	.198	5.021
	Mean tem.	65	61	66	58	54	55	60	59	71	70	72	76	74	76	76	77	74	74	76	73	74	68	72	74	77	72	75	78	77	77	78	70.6
	Wind move	47	43	37	62	39	63	47	49	24	17	16	14	11	23	22	23	28	34	31	23	49	41	14	26	37	41	20	21	20	29	19	970
Nimrod Dam	Evap.	.022	.110	.142	.086	.220	.202	.192	.079	.081	.185	.187	.236	.236	.240	.232	.240	.308	.280	.250	.170	.164	.146	.160	.138	.232	.270	.192	.252	.141	.168	.152	5.713
	Mean tem.	66	64	64	58	50	50	54	65	70	70	74	76	75	75	76	76	72	73	74	72	74	73	70	74	76	75	79	76	76	76	78	70.0
	Wind move	35	34	30	35	90	68	43	17	8	14	8	9	23	30	17	19	32	39	25	23	41	22	10	34	32	31	26	11	9	6	19	834
Russellville	Evap.	.020	....	....	.090	.200	.158	.210	.002	.148	.276	.178	.194	.268	.240	.196	.208	.312	.300	*	.408	.102	.220	.172	.152	.172	.140	.290	.250	.124	.124	.112	5.266
	Mean tem.	68	66	65	60	50	52	55	63	68	70	72	74	75	76	76	76	74	74	75	76	76	73	72	74	77	76	80	78	76	75	78	59.6
	Wind move	29	34	23	22	47	30	30	21	12	20	8	7	14	14	8	12	20	15	*	40	20	11	19	20	27	17	33	14	8	10	11	597
Stuttgart, §§ Rice Exp. Farm	Evap.	.113	-.002	.113	.118	.015	.207	.222	.113	.014	.147	.181	.171	.130	.170	.188	.129	.336	.348	.164	.211	.218	.139	.048	.102	.165	.233	.225	.144	.117	.189	.204	4.873
	Mean Tem.	64	67	68	57	54	50	53	54	68	68	70	72	73	75	76	76	74	74	76	75	70	66	69	72	75	76	76	77	77	76	78	58.4
	Wind move	137	106	152	91	31	76	43	78	66	46	19	9	10	7	10	26	32	59	59	54	132	109	85	68	78	65	44	30	15	24	17	1778

Daily Temperatures for May, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	73	66	69	68	61	61	71	68	80	91	85	87	87	89	89	88	86	86	86	76	80	81	78	83	86	86	87	88	87	89	89	80.7
	Minimum	57	56	57	50	37	36	35	54	56	54	54	58	59	57	56	60	56	58	59	61	64	62	59	63	61	62	66	64	62	61	62	56.6
Arkadelphia §§	Maximum	83	81	83	65	83	83	83	83	83	85	89	89	89	93	90	89	90	89	89	83	83	83	83	90	90	88	89	89	89	88	89	85.9
	Minimum	60	59	60	53	41	43	41	52	61	57	58	63	63	61	62	64	60	62	65	66	63	65	62	64	69	66	69	69	68	66	67	60.6
Batesville Air. ***	Maximum	70	74	72	67	64	61	68	69	81	83	86	88	87	90	91	90	88	87	90	85	84	81	82	81	..	89	88	89	90	88	91	81.8
	Minimum	62	62	57	53	38	42	36	54	58	60	57	59	60	61	65	62	60	59	60	65	68	64	60	62	..	65	54	64	66	65	66	59.1
Batesville, Livestk §§	Maximum	69	72	68	64	61	59	67	68	79	81	85	85	84	86	89	87	85	84	87	83	83	79	80	79	86	86	83	88	88	86	88	79.6
	Minimum	61	59	60	51	34	37	33	44	57	57	55	59	58	58	61	60	58	57	57	60	66	61	59	62	62	63	62	62	64	63	63	56.9
Bee Branch	Maximum	69	69	66	60	60	60	66	66	79	81	81	85	86	87	88	85	84	84	85	85	80	79	79	78	85	85	85	88	89	85	88	78.9
	Minimum	58	59	58	50	36	38	36	52	62	55	56	60	58	57	60	59	56	57	59	61	65	63	58	60	58	62	61	63	63	62	62	56.9
Benton §§	Maximum	66	69	73	62	65	62	72	68	80	82	82	81	82	89	88	87	85	85	87	79	79	80	79	84	86	86	86	88	87	87	88	79.8
	Minimum	58	59	60	53	37	36	35	40	57	54	54	53	54	54	51	51	50	57	59	60	62	63	61	60	62	64	67	65	63	63	64	55.7
Bentonville §§	Maximum	69	74	66	55	56	59	74	72	76	81	80	83	81	88	87	86	85	86	87	79	87	82	80	87	88	84	83	86	80	85	82	79.0
	Minimum	57	59	52	47	37	33	34	41	55	56	57	59	60	60	62	60	51	59	61	63	61	61	60	57	62	58	62	61	62	61	64	55.9
Bethesda §§	Maximum	73	74	69	63	67	58	66	69	79	80	83	85	83	94	95	93	89	93	92	83	83	80	81	88	92	95	83	92	93	91	88	82.5
	Minimum	62	60	62	51	34	40	34	51	57	56	55	58	59	58	59	60	69	54	48	52	58	57	49	50	61	58	64	63	72	65	68	56.3
Bluff City	Maximum	76	71	78	72	68	67	75	75	81	83	85	87	87	90	90	89	87	87	86	80	78	75	83	87	86	83	87	88	88	88	88	82.1
	Minimum	59	59	58	52	42	45	43	59	60	58	59	53	63	62	64	66	61	63	66	65	64	65	61	70	67	64	65	67	67	66	64	60.5
Blytheville	Maximum	74	80	78	67	64	57	64	69	77	81	88	87	86	90	92	92	91	90	91	91	87	82	83	88	90	90	84	91	87	86	90	82.8
	Minimum	60	60	58	53	39	39	34	51	57	54	56	63	60	60	63	63	63	63	62	66	64	62	58	64	62	66	65	63	65	62	67	58.8
Booneville	Maximum	76	71	72	68	63	64	75	73	83	84	85	88	88	91	91	87	86	88	89	79	85	80	83	88	88	85	86	86	86	86	90	82.1
	Minimum	60	58	54	50	37	37	39	58	57	59	60	61	62	60	60	61	56	64	63	66	60	63	58	61	68	63	68	64	67	66	64	58.8
Brinkley ***	Maximum	67	78	77	62	65	61	66	68	79	82	87	87	89	91	91	91	89	89	91	87	82	79	82	84	89	89	86	90	88	88	89	82.0
	Minimum	62	62	60	51	41	40	38	57	61	57	57	62	59	62	62	62	59	63	63	64	63	60	58	64	66	67	68	64	65	68	68	59.8
Camden	Maximum	78	71	79	80	68	67	73	73	81	84	88	90	90	92	93	89	87	89	89	79	76	73	84	87	86	84	89	91	89	90	92	83.3
	Minimum	60	60	60	54	45	47	47	58	61	58	59	62	61	62	64	66	61	64	66	66	60	65	62	70	69	65	68	68	68	66	66	61.5
Camp Robinson ***	Maximum	66	72	74	64	64	60	68	67	81	82	81	89	88	90	92	90	89	88	89	82	82	83	81	87	87	88	88	89	88	89	91	81.6
	Minimum	49	49	56	52	37	40	38	55	57	55	56	60	57	58	60	62	58	56	56	55	59	52	52	64	61	62	66	65	63	73	64	56.4
Conway	Maximum	77	73	67	63	65	65	70	67	82	85	85	88	91	92	90	87	89	89	89	84	84	81	80	84	88	89	88	90	86	89	92	82.2
	Minimum	60	60	59	53	42	42	40	56	59	58	59	62	61	61	63	63	61	62	64	65	66	66	62	65	62	64	68	62	65	64	66	60.0
Corning	Maximum	75	79	75	69	62	57	68	71	79	89	87	89	86	88	91	92	96	89	92	93	88	82	82	84	91	89	81	89	89	86	92	83.2
	Minimum	62	62	62	52	38	40	35	50	59	53	58	62	62	59	65	65	64	62	62	65	67	63	61	64	63	66	66	66	68	67	68	59.9
Crossett	Maximum	76	72	80	78	72	70	75	78	82	84	85	89	90	92	92	91	89	89	88	86	80	70	85	89	87	87	91	89	92	89	91	84.1
	Minimum	62	59	58	55	45	45	38	51	59	51	55	59	57	58	58	60	56	56	69	65	64	62	56	68	64	63	66	64	65	63	64	58.5
Dardanelle	Maximum	76	71	73	73	64	64	73	71	82	84	85	85	90	91	92	90	89	89	89	87	86	84	83	87	90	89	90	89	88	85	91	83.2
	Minimum	60	60	60	52	39	41	41	56	57	60	60	63	64	62	62	64	61	65	65	67	65	66	63	64	65	64	70	67	66	65	67	60.7
De Queen	Maximum	69	68	71	69	66	70	75	70	80	81	80	85	83	88	85	85	84	83	83	79	81	73	79	82	82	83	85	85	85	84	87	79.4
	Minimum	60	59	59	53	39	40	44	62	60	61	59	57	66	60	61	63	60	64	67	64	63	62	62	67	64	65	67	67	65	67	66	60.4
Des Arc	Maximum	72	76	76	71	63	62	69	67	80	81	86	85	88	89	91	94	88	87	88	88	81	81	81	83	88	89	94	83	88	89	89	82.2
	Minimum	62	62	61	54	41	42	44	58	61	58	58	61	59	63	64	65	62	63	67	67	65	63	60	65	65	68	69	68	67	68	67	61.2
Devils Knob	Maximum	65	64	67	59	54	57	64	67	72	76	78	81	84	81	84	80	80	80	81	73	78	74	75	75	79	79	79	81	80	78	82	74.4
	Minimum	54	55	52	46	38	31	40	50	53	60	60	63	50	62	64	65	64	63	65	60	61	62	59	62	61	63	64	65	64	62	64	57.8
Dumas	Maximum	72	78	83	75	70	65	71	75	83	85	90	90	91	95	94	93	95	92	92	87	80	71	85	89	88	90	87	90	94	92	93	85.0
	Minimum	62	60	60	55	46	45	41	55	63	57	60	60	62	64	65	65	65	63	66	66	63	63	60	63	70	67	70	68	68	67	68	61.5
El Dorado	Maximum	74	69	79	74	70	79	76	74	83	85	89	87	91	91	92	91	89	90	88	83	76	72	85	88	87	86	89	90	91	92	92	83.9
	Minimum	61	60	60	61	42	45	45	59	62	59	61	66	63	65	66	69	64	63	66	66	63	64	61	70	70	67	69	70	68	69	69	62.7
England	Maximum	74	73	77	68	65	63	67	68	80	82	86	87	86	89	92	90	87	87	89	84	92	82	80	85	85	88	85	80	90	80	90	81.6
	Minimum	60	60	60	54	44	42	40	43	60	67	68	61	62	69	64	67	62	64	67	64	63	61	59	62	63	67	63	67	55	65	67	60.3
Eureka Springs	Maximum	75	74	67	64	54	59	73	72	77	82	82	83	86	87	88	85	83	84	87	80	85	82	80	83	84	84	82	85	80	82	85	79.2
	Minimum	59	59	51	45	35	30	37	50	55	59	59	63	63	65	65	67	62	57	65	65	64	60	62	59	59	58	64	66	62	61	65	57.8
Fayetteville	Maximum	72	74	68	62	57	60	72	71	75	81	80	83	85	87	87	85	85	86	87	79	84	81	80	85	87	85	83	82	82	83	86	79.2
	Minimum	59	58	52	47	36	34	37	58	57	57	61	58	59	58	58	63	58	63	66	66	61	63	60	57	64	61	65	61	63	65	66	57.8
Fayetteville Exp. S	Maximum	74	72	67	65	56	58	70	71	74	78	79	83	85	86	85	84	82	83	85	84	82	80	81	85	85	83	81	84	83	82	85	78.5
	Minimum	57	57	51	46	33	32	35	56	56	56	59	57	59	56	58	62	58	61	63	65	61	61	58	56	68	59	64	60	61	63	65	56.5
Fordyce	Maximum	74	69	72	64	71	70	74	71	81	85	89	87	81	84	82	90	90	89	89	84	77	73	83	87	88	90	90	91	92	91	91	82.2
	Minimum	60	60	58	53	42	44	44	57	62	59	60	62	62	62	64	67	67	64	64	64	65	63	62	70	68	68	66	69	68	66	65	61.5
Fort Smith ***	Maximum	72	73	65	60	58	63	78	75	79	83	85	86	86	89	89	89	87	89	89	77	85	78	82	89	88	83	84	86	84	85	91	80.9
	Minimum	62	60	55	50	45	40	45	59	59	63	65	65	66	66	65	68	65	68	67	67	65	66	61	67	64	65	68	69	68	68	69	62.3
Gilbert §§	Maximum	68	72	73	72	58	59	69	70	75	80	80	85	84	89	89	87	86	86	86	75	85	84	75	77	85	84	84	85	85	82	85	79.2
	Minimum	58	60	58	45	35	39	33	36	57	55	54	54	55	55	56	55	55	55	55	60	62	63	56	60	55	58	60	63	62	63	59	54.5
Grannis	Maximum	63	65	74	65	66	67	74	72	80	82	83	87	87	87	87	86	84	84	86	76	84	71	77	82	84	82	83	86	84	86	88	79.4
	Minimum	56	56	57	51	39	39	40	59	57	55	56	62	63	61	60	60	58	61	63	64	61	59	61	65	65	64	63	64	62	64	64	58.4
Gravette	Maximum	73	71	69	62	56	59	72	73	72	81	79	82	84	85	86	84	83	85	87	85	84	82	80	85	86	84	83	85	80	85	83	78.9
	Minimum	56	57	50	46	34	30	44	52	54	58	58	61	58	57	61	63	57	63	63	64	60	60	61	57	62	60	64	63	63	63	65	56.9
Green Mountain	Maximum	70	70	65	70	57	56	56	65	75	80	75	85	92	89	86	86	80	85	86	84	81	81	79	78	84	87	86	88	86	85	83	78.4
	Minimum	47	58	47	48	38	36	38	40	57	58	55	60	64	62	66	67	65	65	66	66	63	62	59	59	64	67	68	69	65	64	66	58.4
Harrison	Maximum	70	70	72	67	55	58	70	71	80	82	83	85	87	88	88	87	85	85	87	82	87	81	77	81	85	85	85	88	86	86	88	80.0
	Minimum	53	50	56	49	35	34	33	50	56	53	57	57	58	58	59	59	54	62	59	54	66	65	59	58	63	60	64	53	63	63	64	55.6
Helena	Maximum	73	77	77	75	64	62	61	69	77	81	86	87	88	88	90	88	86	85	87	82	79	72	78	83	86	90	86	89	92	86	89	81.2
	Minimum	58	63	60	56	41	39	40	55	62	60	58	61	61	62	64	66	65	66	67	65	64	64	61	63	67	69	70	67	66	66	67	61.1
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope §§	Maximum	71	64	74	64	68	68	76	71	82	84	87	87	88	90	90	88	87	87	87	80	83	73	83	87	86	81	87	89	88	88	91	81.6
	Minimum	59	58	58	52	41	42	43	47	60	57	58	64	61	61	62	66	61	60	65	66	64	64	60	62	68	64	63	66	66	66	64	59.6
Hot Springs	Maximum	73	65	70	65	64	66	75	72	82	85	86	87	82	90	91	89	88	87	87	79	80	77	77	85	89	85	87	87	89	86	90	81.1
	Minimum	59	58	58	51	43	40	41	59	59	59	58	62	63	62	62	65	64	61	67	63	65	64	62	67	67	64	68	67	65	65	65	60.4
Jonesboro	Maximum	70	78	75	70	63	58	66	70	76	82	87	86	85	89	91	90	89	88	91	88	83	81	81	84	90	91	82	88	92	89	91	82.1
	Minimum	62	61	61	52	40	41	36	53	68	57	58	63	61	63	66	67	67	64	64	65	67	63	59	64	64	66	68	66	68	68	68	60.6
Lead Hill	Maximum	73	73	72	64	55	59	69	71	80	84	83	86	89	91	90	91	90	88	91	83	89	86	79	81	86	86	87	88	87	86	88	81.5
	Minimum	..	..	..	46	33	36	33	46	57	52	54	56	57	59	57	57	54	60	56	62	66	64	59	56	67	59	62	63	63	64	63	55.8
Little Rock ***	Maximum	66	71	78	62	65	61	68	68	80	82	86	87	86	91	92	90	87	87	89	83	81	84	81	85	87	88	87	89	87	87	90	81.5
	Minimum	61	60	56	53	44	44	43	58	60	59	60	64	62	62	64	67	62	64	67	67	65	64	62	66	64	68	70	69	67	65	67	61.4
Lutherville	Maximum	72	68	68	63	58	60	67	69	79	80	83	83	86	86	86	86	85	84	85	78	83	77	79	82	86	85	85	88	85	82	88	78.9
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Magnolia	Maximum	79	72	82	75	68	68	76	77	81	84	86	88	88	89	90	88	86	87	85	79	83	78	87	87	86	84	88	89	89	90	91	83.2
	Minimum	60	59	59	55	40	46	46	60	60	59	60	65	61	61	64	66	61	61	61	68	64	64	59	70	68	66	65	69	66	67	64	61.1
Mammoth Spring	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Marianna §§	Maximum	70	76	78	60	64	57	65	67	78	82	87	86	88	90	90	90	89	89	91	86	82	78	82	88	90	92	89	90	91	88	90	82.0
	Minimum	63	60	62	55	43	41	40	50	56	59	60	61	60	62	64	65	62	63	63	64	64	60	60	63	63	66	70	65	66	66	67	60.1
Marked Tree §§	Maximum	73	79	77	65	65	56	65	68	79	82	88	85	87	90	93	90	90	89	90	87	84	80	83	86	88	90	85	91	93	88	91	82.5
	Minimum	61	60	61	55	42	41	37	39	55	57	59	64	61	63	64	65	64	64	62	63	67	64	59	61	63	67	68	66	69	70	67	59.9
Marshall	Maximum	71	67	74	67	56	58	66	70	78	80	79	83	88	89	87	88	87	88	87	85	86	83	81	83	83	84	84	85	84	85	[illegible]	79.5
	Minimum	58	61	59	49	37	37	40	55	58	59	59	62	62	63	60	64	67	69	68	66	65	67	62	56	61	61	66	65	64	63	67	59.7
Mena	Maximum	72	66	74	64	63	66	77	71	82	85	86	87	87	88	89	88	86	91	87	75	83	75	79	85	79	81	86	87	86	90	[illegible]	80.7
	Minimum	58	56	57	51	38	35	39	59	57	54	57	59	61	60	59	60	63	64	64	63	64	61	61	63	69	62	63	62	64	65	62	58.4
Monticello ***	Maximum	71	73	79	69	70	66	70	71	82	82	86	86	90	90	91	91	88	88	88	81	72	68	82	88	86	86	87	90	88	90	[illegible]	81.7
	Minimum	62	60	60	51	45	45	41	57	62	58	62	63	61	63	64	66	63	64	67	67	64	61	59	66	67	68	69	69	70	67	68	61.7
Morrilton §§	Maximum	68	70	83	63	60	60	72	69	80	81	85	92	94	91	94	92	92	90	92	86	82	82	86	89	94	90	94	93	92	94	92	83.5
	Minimum	60	61	58	54	42	44	43	50	58	58	59	60	62	64	61	64	62	61	64	65	67	65	65	64	63	65	69	66	65	65	65	60.4
Mountain Home	Maximum	73	75	74	70	56	60	69	70	82	82	83	86	89	90	90	89	87	85	89	84	86	87	82	88	87	86	90	88	87	88	[illegible]	81.7
	Minimum	58	59	58	52	35	36	40	50	58	56	56	64	59	59	60	60	71	71	65	62	66	67	60	60	60	66	71	64	74	70	[illegible]	59.8
Mt. Ida	Maximum	76	68	71	66	64	65	74	76	80	74	85	86	86	91	90	87	85	86	86	76	84	79	80	86	83	76	87	86	87	88	[illegible]	80.6
	Minimum	60	58	58	52	33	34	32	54	54	51	53	56	57	55	56	57	52	56	59	58	62	63	59	62	70	62	61	68	64	61	64	56.2
Nashville	Maximum	80	73	74	69	70	70	76	75	81	83	84	88	82	91	90	88	86	85	92	86	83	79	84	87	79	87	89	86	88	87	88	82.3
	Minimum	59	58	59	53	40	43	44	61	60	57	61	63	64	61	62	64	58	61	62	66	64	64	61	67	69	65	64	66	66	66	65	60.4
Newport	Maximum	70	78	75	68	64	60	68	71	81	82	88	88	88	91	91	91	89	89	92	86	84	82	82	86	90	91	89	92	93	90	92	83.3
	Minimum	64	62	62	56	41	43	38	53	60	57	60	63	60	61	64	64	63	62	63	65	68	64	60	64	64	66	66	66	67	68	67	60.7

Daily Temperatures for May, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Nimrod Dam	Maximum	73	68	70	63	62	62	73	72	82	84	86	89	90	92	90	89	87	87	88	79	84	80	80	85	88	87	89	89	87	86	90	81.6
	Minimum	60	60	57	52	39	39	35	58	59	56	55	59	61	58	60	62	56	59	60	65	63	66	59	63	64	63	67	64	65	66	65	58.5
Oden***	Maximum	71	68	74	65	52	65	71	70	83	84	84	86	85	81	89	87	87	85	86	74	83	69	79	85	85	81	84	86	87	86	89	79.4
	Minimum	62	59	57	53	37	32	37	63	60	56	60	60	64	61	67	61	57	65	64	65	61	74	64	64	72	63	66	65	69	67	65	60.3
Okay	Maximum	79	71	72	68	69	70	74	76	81	83	86	88	87	88	89	88	88	86	86	80	83	80	81	85	86	84	85	88	86	89	88	82.1
	Minimum	59	58	59	52	42	44	42	61	59	56	59	63	61	62	60	64	60	62	68	66	65	63	61	69	69	69	72	67	55	66	64	60.5
Ozark	Maximum	76	72	70	68	60	62	68	70	79	80	82	87	85	85	88	87	89	87	88	80	85	82	83	86	87	86	85	88	85	84	89	80.7
	Minimum	60	60	57	51	37	38	41	56	58	60	61	62	62	60	61	58	58	63	63	66	62	66	60	62	67	63	67	67	65	65	66	59.4
Paragould	Maximum	71	78	74	68	62	55	65	69	77	83	86	85	84	86	90	90	88	87	90	89	84	82	82	85	90	84	81	87	90	90	92	81.4
	Minimum	63	61	62	53	38	41	34	53	59	58	58	64	59	63	64	64	65	61	61	65	68	63	60	66	64	64	66	66	68	67	68	60.2
Perryville	Maximum	75	71	69	66	65	65	73	71	82	86	84	85	89	92	90	90	89	88	89	85	84	83	83	86	91	88	94	89	90	85	91	82.8
	Minimum	59	59	56	32	37	39	36	55	58	55	64	57	58	57	60	60	55	57	60	64	61	64	59	62	61	69	64	71	64	62	63	57.4
Pine Bluff	Maximum	73	72	77	69	70	66	68	70	84	86	90	91	92	92	94	92	91	91	91	86	78	75	87	88	89	89	91	90	89	89	92	83.9
	Minimum	62	62	61	56	44	46	44	59	59	60	60	64	63	65	66	70	66	66	70	67	65	65	62	67	68	70	72	72	70	67	69	63.1
Pocahontas	Maximum	72	78	75	69	61	68	65	68	78	83	87	88	87	87	92	91	90	88	91	89	86	82	81	84	90	91	84	90	92	90	91	82.8
	Minimum	63	60	62	53	37	39	35	52	59	57	58	62	59	59	61	64	62	60	60	64	67	63	61	62	61	65	66	66	68	66	68	59.3
Portland	Maximum	75	75	79	76	71	70	74	75	79	85	87	90	90	92	82	81	87	87	90	84	80	70	82	86	88	88	89	87	90	90	91	82.9
	Minimum	62	60	60	57	48	49	43	56	62	56	60	60	64	64	65	64	63	65	68	66	60	63	65	65	68	70	75	67	68	66	66	62.1
Prescott	Maximum	77	71	77	71	70	70	77	77	83	85	88	88	88	91	91	91	88	88	87	80	81	80	84	87	87	86	89	90	88	89	91	83.5
	Minimum	60	60	57	54	44	42	43	61	62	59	60	66	64	63	65	68	63	65	69	67	65	66	62	71	69	65	66	69	68	67	66	62.1
Rogers	Maximum	76	76	65	62	62	53	73	71	75	80	79	79	85	85	83	85	83	83	86	79	83	80	78	83	85	83	83	85	80	83	86	78.4
	Minimum	57	58	58	45	35	32	42	52	56	57	58	60	59	61	62	60	56	61	63	64	62	64	60	56	62	60	63	62	63	62	63	57.2
Russellville	Maximum	75	72	72	69	61	62	71	71	81	83	85	88	88	90	90	89	89	88	88	88	85	80	82	84	89	88	89	90	86	85	90	82.2
	Minimum	60	61	58	51	38	42	39	55	56	56	59	61	62	61	62	62	59	60	62	63	66	66	62	64	65	64	70	67	66	65	66	59.6
St. Charles §§	Maximum	69	78	80	64	68	67	68	70	80	84	90	87	92	92	94	91	94	84	90	86	80	70	83	87	88	90	92	85	93	90	90	83.1
	Minimum	63	61	61	56	45	42	45	49	61	57	58	60	61	62	63	65	62	64	64	67	64	64	62	62	67	69	70	68	67	67	68	61.1
Searcy	Maximum	70	72	72	63	62	61	67	68	80	82	84	85	85	87	89	87	85	85	87	84	79	80	79	80	86	87	83	88	88	86	87	79.9
	Minimum	61	61	60	54	40	43	39	56	59	58	58	61	60	62	63	63	60	62	62	65	65	64	63	64	64	66	67	66	66	66	67	60.2
Sheridan	Maximum	75	70	79	68	67	63	72	72	81	82	88	85	87	91	91	90	87	87	89	83	79	81	80	87	87	87	89	89	90	89	90	82.4
	Minimum	59	58	59	53	40	36	40	57	59	56	55	58	59	58	60	62	58	61	64	64	62	61	60	67	62	63	68	65	64	62	63	58.5
Siloam Springs	Maximum	70	71	69	55	56	59	72	71	74	80	79	82	85	85	86	84	82	83	85	77	82	79	83	83	86	84	81	85	82	84	86	78.1
	Minimum	58	58	54	48	36	33	38	55	56	56	59	62	59	57	59	64	59	63	64	66	61	61	61	66	60	59	64	62	63	63	63	57.6
Stuttgart	Maximum	70	75	78	71	66	61	67	66	79	82	86	85	87	90	90	90	88	87	89	90	80	77	82	85	88	89	87	89	91	87	89	82.0
	Minimum	62	62	60	54	44	42	42	56	61	59	59	63	65	67	64	66	63	64	67	66	64	63	61	66	66	68	69	68	67	67	69	61.7
Stuttgart Evap. §§	Maximum	67	75	77	60	65	59	66	66	78	81	86	85	88	90	90	89	88	88	89	86	80	75	80	84	86	88	85	90	89	88	90	80.9
	Minimum	60	59	58	54	43	40	40	41	57	55	55	60	58	60	61	64	60	61	64	64	61	58	58	61	64	65	68	64	65	65	66	58.4
Subiaco	Maximum	79	74	69	66	59	61	73	74	81	83	84	88	86	89	90	89	88	88	89	81	85	79	80	87	87	81	80	89	85	83	90	81.2
	Minimum	60	59	56	53	43	39	40	55	58	60	61	64	74	63	73	63	62	69	69	73	63	65	60	63	71	63	60	64	74	74	71	62.0
Texarkana***	Maximum	74	64	72	64	68	68	76	71	80	83	86	90	84	88	89	87	85	87	85	80	80	74	85	85	85	78	87	85	84	87	89	80.6
	Minimum	61	60	58	48	42	47	48	63	63	61	62	67	66	66	66	68	63	66	67	66	66	64	62	72	69	68	66	67	69	68	66	62.7
Turnpike	Maximum	67	67	66	64	54	58	63	66	74	77	80	83	82	90	83	81	80	80	81	90	80	77	76	70	73	80	79	90	90	90	83	76.6
	Minimum	54	55	53	48	39	33	39	52	53	59	61	65	64	65	68	66	64	63	64	61	60	59	58	61	55	62	64	64	64	63	64	58.1
Waldron	Maximum	74	71	71	67	60	62	77	74	80	83	84	88	88	89	90	88	86	87	88	81	85	78	82	87	87	82	85	87	87	86	90	81.4
	Minimum	60	58	55	50	35	34	37	62	57	54	57	58	62	58	59	60	56	65	61	66	60	61	56	62	71	62	66	62	65	65	63	58.0
Warren	Maximum	77	72	80	79	70	70	74	72	82	84	88	86	90	91	92	90	88	88	89	84	77	70	84	88	88	88	89	89	91	90	91	83.6
	Minimum	63	60	62	55	45	46	43	56	62	58	58	61	62	64	65	69	65	65	68	67	65	64	60	70	67	68	70	69	69	68	68	62.3
White Rock	Maximum	68	67	67	69	55	58	65	66	71	76	77	79	83	84	82	81	79	80	81	79	78	74	78	83	85	86	82	81	80	81	82	76.0
	Minimum	51	52	48	44	35	28	40	51	51	57	58	61	59	58	61	60	60	60	61	57	58	58	56	60	61	52	50	64	63	63	63	54.8
Wilson	Maximum	75	80	76	62	76	60	65	68	77	81	87	87	87	87	91	91	90	90	91	85	81	80	83	86	89	91	87	90	93	87	92	82.7
	Minimum	65	63	61	56	43	41	39	55	59	57	60	64	63	65	65	67	66	66	65	67	66	64	59	65	63	66	66	69	64	69	69	61.5
Wynne	Maximum	72	69	77	76	60	64	55	65	65	78	80	84	83	85	85	89	87	82	86	87	84	80	77	80	84	87	81	85	86	89	86	79.0
	Minimum	64	64	60	55	43	44	40	43	57	60	62	64	61	64	66	67	65	67	67	67	65	64	58	61	63	69	70	67	68	69	69	61.4

Daily River Stages for May, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	23.4	24.3	26.4	26.7	26.0	25.8	25.2	24.0	23.1	23.4	20.0	16.9	14.7	13.7	15.7	12.2	11.7	11.4	10.8	10.7	10.3	10.3	11.1	11.2	10.7	11.2	11.1	11.1	14.3	14.3	14.4
Van Buren	do	22	23.5	24.4	26.3	25.8	26.0	25.9	25.4	24.2	23.4	23.8	20.1	17.4	14.5	13.4	12.4	11.8	11.5	10.9	10.6	10.2	9.7	9.8	10.4	10.8	10.2	10.7	10.8	11.6	14.3	14.2	14.6
Danville	Petit Jean	20	18.6	22.1	23.8	24.0	22.6	20.9	18.4	14.8	10.7	11.4	10.9	8.5	6.9	5.8	5.7	5.6	5.4	4.6	4.1	3.9	3.9	3.8	4.2	4.2	3.6	3.4	4.3	6.4	6.0	7.2	9.6
Ozark	Arkansas	22	19.2	20.2	22.3	23.3	22.6	22.3	21.7	20.6	19.5	19.7	13.2	14.8	11.8	10.1	9.1	8.2	7.6	7.3	6.9	6.6	6.1	5.9	6.0	7.0	6.8	6.8	7.3	7.1	9.2	10.4	10.8
Dardanelle	do.	22	22.2	23.6	25.8	26.3	26.3	25.6	25.2	24.6	23.4	22.9	22.6	19.9	16.8	12.9	12.6	11.5	10.6	10.0	9.6	9.2	8.9	8.4	8.2	8.5	9.3	9.3	9.5	9.6	9.6	12.7	13.3
Morrilton	do.	20	17.6	18.8	20.7	21.5	21.8	21.5	21.2	20.8	20.0	19.4	19.2	17.6	14.5	11.2	9.8	8.5	7.5	6.8	6.2	5.8	5.4	5.2	4.8	4.2	5.4	5.6	5.6	5.9	5.8	5.1	9.1
Little Rock	do.	23	18.7	19.2	20.7	21.9	22.3	22.2	21.8	21.5	21.0	20.2	19.8	19.2	16.8	14.1	11.7	10.3	9.1	8.2	7.6	7.2	6.9	6.7	6.2	6.0	5.0	5.6	6.7	6.8	6.8	6.8	9.1
Pine Bluff	do.	25	21.9	21.9	22.8	24.5	25.1	25.3	24.9	24.6	24.1	23.5	23.0	22.7	21.7	19.5	17.0	14.3	12.6	11.7	10.9	10.2	9.6	9.2	8.9	8.4	8.2	8.2	9.9	9.2	9.1	9.0	9.8
Gilbert	Buffalo	30	5.4	8.0	10.7	7.8	7.0	6.0	5.9	5.5	5.2	6.6	5.6	5.2	5.0	4.8	4.7	4.5	4.6	4.4	4.4	4.2	4.0	4.2	4.0	4.0	7.6	5.4	4.9	4.6	4.4	4.3	4.3
Black Rock	Black	14	17.7	17.3	16.9	20.3	20.0	18.9	18.2	17.6	16.8	16.5	15.6	14.6	13.7	12.9	13.0	13.0	12.4	11.8	11.0	10.2	9.6	9.4	8.8	8.1	8.0	8.5	8.5	8.4	7.9	7.8	7.6
Heber Springs	Little Red	30	11.7	15.5	22.2	16.6	12.5	10.5	9.4	8.4	7.9	9.6	8.5	7.4	6.8	6.6	6.3	6.0	5.5	5.2	4.8	4.5	4.5	4.7	5.0	4.7	4.5	8.2	6.5	5.7	5.3	5.0	4.6
Ozark Beach Mo	White	30	2.1	4.5	4.6	6.1	7.4	6.0	5.1	4.6	4.5	3.8	4.4	4.8	4.8	4.5	2.6	1.3	0.6	1.0	-0.4	-0.4	2.8	-0.4	-0.4	1.6	2.2	1.4	1.2	2.0	-0.4	2.0	1.6
Cotter	do	21	4.7	4.8	5.7	5.8	6.9	6.9	6.6	6.2	5.6	5.5	5.0	5.1	5.7	5.3	5.3	4.9	4.7	4.1	4.1	4.1	4.0	3.9	3.9	4.1	4.2	4.4	4.6	4.5	4.3	3.9	3.8
Calico Rock	do	18	4.0	4.5	8.1	8.4	7.6	8.1	7.4	6.4	5.7	5.4	5.5	5.2	5.1	5.3	5.0	4.8	4.4	3.9	3.1	2.9	2.8	2.4	2.2	2.4	2.7	5.0	4.6	4.1	3.2	3.1	2.7
Batesville	do	23	10.0	10.4	14.4	15.4	14.0	13.4	13.6	12.3	11.5	10.9	10.4	10.4	10.1	10.0	10.0	9.9	9.5	9.1	8.7	8.1	8.2	7.8	7.3	7.1	7.2	8.1	9.5	9.2	8.7	8.3	7.6
Newport	do	26	17.3	17.4	17.5	19.8	20.7	20.4	20.3	20.1	19.5	19.0	18.3	17.7	17.0	16.3	15.7	14.9	14.0	13.1	12.1	11.0	10.0	9.2	8.4	7.7	7.2	7.0	8.2	8.4	8.2	7.5	7.2
Georgetown	do	21	21.4	21.3	21.5	21.8	22.3	22.5	22.4	22.2	22.0	21.9	21.8	21.6	21.4	21.2	20.9	20.6	20.2	19.8	19.2	18.5	17.5	16.5	15.4	14.4	13.4	12.2	11.6	11.8	11.8	11.5	11.1
Des Arc	do	24	23.9	23.7	23.6	23.7	24.0	24.4	24.8	24.8	24.7	24.5	21.5	24.0	23.8	23.5	23.2	22.9	23.5	22.1	21.8	21.3	20.6	19.8	18.8	18.1	17.1	16.0	15.2	15.0	14.9	14.6	14.2
Clarendon	do	26	27.7	27.6	27.6	27.5	27.5	27.5	27.6	27.7	27.8	27.8	27.8	27.7	27.6	27.5	27.4	27.1	26.9	26.7	26.5	26.3	26.0	25.7	25.4	25.0	24.6	24.1	23.4	22.7	22.2	21.8	21.3
St. Charles	do	25	27.7	28.0	28.3	28.7	29.0	29.3	29.6	30.0	30.8	30.5	30.6	30.6	30.5	30.4	30.2	29.9	29.6	29.3	28.8	28.3	27.8	27.1	26.6	26.2	25.6	25.2	24.8	24.5	24.2	23.9	23.5
Glenwood	Caddo	..	14.2	12.8	8.2	7.8	6.9	6.5	6.3	6.0	5.9	5.8	5.7	5.5	5.4	5.7	5.5	5.4	5.4	5.3	5.3	5.4	5.4	5.8	5.6	5.5	5.4	5.4	5.6	5.5	5.9	5.6	6.2
Arkadelphia	Ouachita	17	21.0	25.8	25.7	23.8	20.9	16.3	12.7	9.6	9.5	8.5	8.2	7.9	7.1	7.6	5.9	7.1	7.3	7.1	6.6	6.7	6.1	5.2	6.9	6.7	6.8	5.8	6.4	6.2	5.0	5.2	5.3
Boughton	Little Mo.	20	16.5	23.4	23.4	21.8	20.2	18.6	16.8	14.2	11.1	9.2	8.5	7.2	6.9	7.1	7.4	7.2	6.8	6.1	5.9	5.6	6.8	6.6	9.1	11.7	9.4	7.4	7.5	8.2	9.0	10.9	12.0
Camden	Ouachita	26	30.1	29.9	32.0	37.0	41.6	41.8	40.4	38.5	36.7	34.7	32.8	30.9	28.7	26.0	23.0	20.2	18.2	16.9	15.5	14.5	13.7	13.0	14.3	14.4	16.0	16.2	15.7	15.3	13.8	13.0	12.6
Benton	Saline	20	13.1	21.0	19.6	14.4	13.4	10.6	9.5	8.6	7.6	7.5	7.1	7.0	7.0	6.9	6.8	6.3	5.9	5.6	5.4	5.3	5.4	5.5	5.4	5.3	5.4	5.4	5.5	5.3	4.9	5.0	4.8
Index	Red	25	10.2	14.3	19.3	21.6	21.8	20.4	18.5	17.2	15.2	13.6	12.3	11.0	10.9	10.0	9.6	9.2	8.8	8.5	8.2	8.2	8.2	8.1	8.2	9.8	11.0	11.4	11.6	15.0	16.1	18.0	17.4
Fulton	do	25	12.7	17.9	23.4	26.6	28.0	28.1	27.6	26.6	25.2	23.6	22.1	20.5	18.9	17.5	15.8	13.8	11.9	10.0	8.9	8.1	8.6	8.6	9.7	11.2	11.9	12.3	12.1	13.3	17.0	20.2	20.9
Big Lake Outlet	St. Francis	10	13.2	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.5	11.3	11.1	10.9	10.9	10.8	10.7	10.6	10.4	10.3	10.1	9.9	9.6	9.2	8.9	8.5	8.3	8.0	7.8	7.6	7.4	7.2	7.0
St. Francis	do	18	12.6	13.2	14.2	14.8	15.4	15.8	16.1	16.2	16.4	16.6	16.7	16.9	17.2	17.3	17.3	17.2	17.1	16.9	16.7	16.5	16.4	16.3	16.2	16.2	16.2	16.1	16.1	16.1	16.0	16.0	16.0
St. Francis L.L.	do	..	23.4	23.3	23.2	23.2	23.3	23.0	22.9	22.8	22.6	22.6	22.5	22.5	22.5	22.4	22.3	22.3	22.3	22.2	22.2	22.1	22.1	22.1	22.0	22.0	21.9	21.8	21.7	21.6	21.5	21.5	21.4
Marked Tree	do	17	9.1	8.9	8.7	7.0	7.2	8.5	8.7	8.6	8.4	8.4	8.5	8.4	7.7	8.0	8.0	7.9	7.9	7.9	7.8	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.2	7.2	7.1	6.8	7.1
Parkin	do	28	21.2	20.8	20.5	20.3	20.2	20.4	20.6	20.5	20.3	20.0	19.9	19.8	19.6	19.5	19.1	18.9	18.6	18.3	18.0	17.5	17.0	16.5	15.7	14.7	13.7	12.6	11.5	10.7	10.1	9.7	9.1
Madison	do	32	27.4	27.3	27.1	27.2	27.3	27.4	27.5	27.5	27.4	27.3	27.3	27.1	27.0	26.8	26.6	26.4	26.1	25.7	25.2	24.8	23.9	23.3	22.1	20.7	19.9	17.2	15.2	14.0	12.8	12.1	11.6
Helena	Mississippi	42	44.5	44.9	45.2	45.4	45.7	45.8	45.9	45.9	45.9	45.8	45.8	45.8	45.7	45.6	45.4	45.0	44.6	43.9	43.3	42.5	41.4	39.8	37.7	35.2	32.5	30.3	28.7	27.5	26.7	26.4	26.4
Arkansas City	do	42	39.4	39.9	40.3	40.6	40.9	41.2	41.6	42.0	42.2	42.2	42.2	42.1	42.0	41.9	41.8	41.6	41.3	40.9	40.4	39.9	39.4	38.8	38.1	36.9	35.4	33.5	31.6	29.8	28.3	27.1	26.2

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 r more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period or stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters [a], [b], [c], number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated. observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt. Sparkman; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 6 24-1944-1000

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLIX Little Rock, Ark., June, 1944 No. 6

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

The month averaged somewhat above normal in temperature and with the exception of last year, was the warmest June since 1936. Cool weather prevailed in all sections from the 6th to 9th inclusive, but above normal temperatures prevailed on other days during the month. About one-fourth of the stations in the State recorded temperatures of 100° or higher on one or more days. Sunshine was ample and there were no reports of destructive windstorms.

Precipitation averaged about an inch below normal for the State as a whole. However, the geographical distribution was poor, ranging from less than an inch at numerous stations in the eastern districts to more than seven inches at a few stations in the western section. Most of the precipitation occurred during the first two weeks, the remainder of June being quite dry. Rivers in the State were at low or falling stages all month.

June was generally favorable for the growth and cultivation of crops. During the first two weeks, frequent showers interfered with cultivation, corn planting, and the harvest of wheat and oats. Fields were becoming grassy by the 15th but dry, sunny weather thereafter was favorable, and fields were generally clean by the end of June. Cotton and corn made good progress. Cotton chopping was largely completed by the 20th, and squares and blooms were reported in some eastern sections by the 25th. Some early planted corn was laid by, and some late corn was planted during the month. Rice made good progress. Soil moisture was becoming deficient in many sections as the month ended.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 79 stations, was 79.2°, which is 2.0° above the 54-year average for June. The highest monthly mean temperature was 83.2° at El Dorado and the lowest was 73.7° at Gilbert. The highest temperature recorded was 102° at Dumas on the 17th, Arkadelphia on the 19th, Pine Bluff on the 27th, and Batesville and Hot Springs on the 28th. The lowest temperature reported was 48° at Harrison and Mammoth Spring on the 7th, and Batesville and Bethesda on the 8th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 105 stations, was 3.04 inches, which is 0.99 inch below the 54-year average for June. The greatest monthly amount was 10.30 inches at White Rock, and the least was 0.34 inch at Portland. The greatest amount reported in any 24 consecutive hours was 3.10 inches at Des Ark on the 12-13th.

B.N.W.

MISCELLANEOUS PHENOMENA
Dates of

High Winds:--3,4,5,8,12,22,23,29.
Hail:--9,10,11,14,20.
Thunderstorms: ---1,5,6,8,9,10,11,12,13,14,15,17,19,20,23,24,29,30.
Heavy Fog;--- 6,9,10,11,25.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.16	6	29.63	3	7.8	31	ne.	29	84	59	60	69	0
Little Rock	30.18	29	29.73	3	7.5	34	sw.	12	86	54	57	79	0
Memphis ..	30.18	29	29.75	3	7.0	27	w.	13	84	56	57	88	0

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.53	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.53	0	6	16	11	3
1912	73.1	97	42	5.83	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	105	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	103	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2 60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	6	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	3
1935	74.3	98	36	8.38	0	13	10	10	10
1936	80.0	113	44	1.26	0	3	23	5	2
1937	78.8	106	45	4.95	0	9	14	10	6
1938	75.8	101	48	4.34	0	9	13	9	8
1939	77 9	100	49	4.50	0	11	9	13	8
1940	75.2	98	45	4.35	0	10	12	9	9
1941	76.2	103	47	4.01	0	8	12	12	6
1942	77.2	104	45	4.54	0	11	10	12	8
1943	79.8	102	47	2.86	0	7	11	14	5
1944	79.2	102	48	3.04	0	6	16	10	4
Period	77.2	113	35	4.03	0	8	14	10	6

Climatological Data for June, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	79.4	....	97	26§	61	6§	4.76	....	1.93	8–9	0.0	5	9	17	4	w.	L. R. Water Works
Arkadelphia	Clark	200	48	82.2	+ 4.5	102	19	56	7	1.93	−2.67	0.65	5	0.0	4	11	17	2	se.	George S Dews
Arkansas City	Desha	145	59	....	....	....	....	....	....	1.58	−2.21	1.04	13	0.0	4	24	4	2	....	John W. Trammell
Batesville Airway	Independence	363	7	79.3	+ 3.2	102	28	51	7	3.48	....	1.19	13	0.0	9	26	9	1	s.	Airway Observer
Batesville Livestk.	Independence	....	3	77.3	....	97	26§	48	8	2.82	....	1.16	12–13	0.0	5	19	11	0	sw.	University of Arkansas
Batesville River	Independence	277	44	....	....	....	....	....	....	3.42	−0.58	1.36	5	0.0	7	20	6	4	....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	77.2	+ 0.6	97	28	50	7	2.90	−1.26	1.50	12–13	0.0	6	19	9	2	w.	Miss Minnie Scanlan
Benton	Saline	285	8	77.8	....	99	28	52	8	0.76	....	0.39	8–9	0.0	4	28	0	2	s.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	75.2	....	95	23	49	7	4.37	−0.89	1.25	8–9	0.0	10	14	14	2	s.	E. L. Browne
Bethesda †	Independence	500	4	78.2	....	97	28	48	8	2.93	....	1.20	13	0.0	5	17	8	5	sw	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	....	....	....	....	....	....	2.28	−0.41	1.02	14–15	0.0	6	14	12	4	....	N. W. Douglas
Black Rock	Lawrence	259	42	....	....	....	....	....	....	2.06	−1.51	0.67	14	0.0	8	23	0	7	....	Vernon C. Howe
Bluff City	Nevada	....	3	80.6	....	99	17	57	7	0.80	....	0.34	9	0.0	4	15	11	4	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	79.2	+ 1.4	99	22	50	7	2.79	−0.98	1.53	14–15	0.0	9	16	14	0	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	78.8	+ 1.0	97	19§	53	7	4.58	+0.15	1.62	5	0.0	11	15	11	4	s.	F. H. Randolph
Boughton †	Clark	235	8	....	....	....	....	....	....	0.47	....	0.31	13	0.0	2	24	2	4	....	Katie B. Moore
Brinkley	Monroe	205	52	79.7	+ 1.9	99	26§	54	8	1.52	−2.05	1.28	12–13	0.0	4	11	10	9	s.	U. S. Weather Bureau
Calico Rock	Izard	361	39	....	....	....	....	....	....	2.36	−1.45	1.20	12–13	0.0	6	15	8	7	....	William Jones
Camden	Ouachita	116	58	80.8	+ 2.4	100	27	55	7	3.16	−0.98	1.79	5	0.0	6	13	15	2	s.	J. M. Knight
Camp Robinson	Pulaski	463	3	78.5	....	100	23	51	11	0.91	....	0.73	12	0.0	4	6	24	0	se.	U. S. Army
Clarendon	Monroe	172	39	....	....	....	....	....	....	0.97	−2.67	0.81	12	0.0	2	16	7	7	....	B. F. Northern
Conway	Faulkner	309	60	80.6	+ 2.3	100	23	56	7	1.92	−2.15	0.96	12–13	0.0	4	23	6	1	s.	F. E. Cordrey
Corning	Clay	293	50	80.2	+ 4.0	99	28	50	7	2.04	−1.97	0.85	5	0.0	9	22	6	2	sw.	Richard C. Polk
Cotter	Baxter	440	16	....	....	....	....	....	....	3.81	−0.71	1.81	12–13	0.0	6	18	7	5	....	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	79.7	+ 1.1	99	21§	50	7	0.71	−3.52	0.38	13	0.0	4	25	3	2	s.	U. S. Forest Service
Danville	Yell	327	27	....	....	....	....	....	....	6.67	+2.50	2.56	10–11	0.0	9	13	13	4	....	J. M. Patterson
Dardanelle	Yell	330	57	80.8	+ 2.4	99	27§	55	7	3.67	−0.24	1.34	8–9	0.0	10	8	17	5	s.	Geo. N. Goodier
DeQueen	Sevier	426	8	79.1	....	95	19	57	7	1.56	....	0.48	11	0.0	5	18	11	1	....	L. D. McCown
Des Arc	Prairie	204	5	81.0	....	93	17	57	8	3.99	....	3.10	12–13	0.0	5	12	6	12	s.	Z. R. Glenn
Devils Knob †	Johnson	2350	7	74.4	....	92	28	52	7	7.65	....	2.45	13	0.0	8	20	4	6	sw.	U. S. Forest Service
Dumas	Desha	162	38	82.3	+ 3.3	102	17§	56	7	1.16	−2.53	0.58	17	0.0	6	7	21	2	s.	Ben Johnson
El Dorado	Union	270	43	83.2	+ 3.5	101	21	59	7	1.04	−2.79	0.96	12	0.0	2	28	2	0	s.	Mrs. E. W. Gaston
England	Lonoke	229	37	79.6	+ 1.0	98	26§	57	7	1.37	−2.17	1.05	13	0.0	3	11	19	0	sw	O. V. Halbrook
Eureka Springs	Carroll	1465	43	76.0	+ 1.5	93	28	51	7	6.24	+0.54	1.75	19	0.0	9	21	8	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	6	76.9	....	93	23§	50	7	6.55	....	2.47	10–11	0.0	11	8	14	8	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	56	75.3	+ 0.7	93	23§	49	7	7.25	+2.63	2.91	10–11	0.0	11	11	17	2	s.	University of Arkansas
Fordyce	Dallas	280	3	82.0	....	100	27§	58	8	2.47	....	1.08	12–13	0.0	4	17	13	0	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	80.8	+ 3.3	98	26	57	7	4.45	+0.73	2.22	12–13	0.0	9	8	14	8	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	....	....	....	....	....	....	7.38	....	1.58	8–9	0.0	10	12	16	2	....	Ft. Smith Water Plant
Fulton	Hempstead	260	58	....	....	....	....	....	....	0.63	−3.29	0.37	5–6	0.0	5	7	18	5	....	Ina I. Logan
Garland	Miller	235	1	....	....	....	....	....	....	1.58	....	1.13	19	0.0	3	20	0	10	....	L. D. Denney
Georgetown	White	200	31	....	....	....	....	....	....	2.79	−1.23	0.98	12–13	0.0	6	25	1	4	....	C. G. Long
Gilbert	Searcy	600	18	73.7	....	91	27§	50	8§	3.18	−0.60	1.45	12–13	0.0	6	22	2	6	s.	F. E. King
Glenwood	Pike	547	8	....	....	....	....	....	....	3.24	....	1.37	12–13	0.0	7	20	2	8	....	Chas. A. Price
Grannis	Polk	950	24	78.4	+ 2.9	97	19	53	7	1.86	−3.22	0.69	12	0.0	6	15	10	5	s.	W. E. McVay
Gravette	Benton	1250	46	76.1	+ 2.2	93	28	51	7	4.59	−1.02	1.24	12–13	0.0	8	15	13	2	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	78.8	....	96	25§	52	7	2.85	....	1.90	12–13	0.0	5	17	12	1	s.	U. S. Forest Service
Harrison	Boone	1052	43	76.6	+ 2.7	96	28	48	7	2.82	−1.65	1.04	8–9	0.0	8	22	6	2	sw.	J. M. McGaughey
Heber Springs (near)	Cleburne	272	14	....	....	....	....	....	....	3.03	−1.30	1.21	13	0.0	5	19	8	3	....	Lester B. Logan
Helena	Phillips	300	71	80.4	+ 2.2	97	27§	59	7§	1.75	−2.05	1.32	8–9	0.0	7	17	9	4	sw.	James A. Burnett
Highland	Pike	491	24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Clyde Cooley
Hope 3 miles e ‡‡	Hempstead	375	73	80.7	+ 2.1	99	25§	57	7	1.40	−2.37	0.71	12	0.0	5	16	8	6	sw.	University of Arkansas
Hot Springs	Garland	600	52	81.3	+ 3.0	102	28	56	7	1.61	−3.10	0.77	5	0.0	9	22	8	0	s.	National Park Service
Index †	Little River	275	26	....	....	....	....	....	....	2.00	−1.45	1.50	5	0.0	2	22	0	8	....	W. E. McDowell
Jessieville	Garland	750	17	....	....	....	....	....	....	4.42	−0.07	1.10	30	0.0	6	8	19	3	sw.	U. S. Forest Service
Jonesboro	Craighead	345	48	80.6	+ 2.7	99	27	53	7	3.67	−0.10	2.33	14–15	0.0	9	13	11	6	sw.	Benedictine Sisters
Lead Hill	Boone	650	37	77.0	+ 1.7	97	23§	48	7	3.85	−0.66	1.17	8–9	0.0	9	21	7	2	se.	J. H. Crosswhite
Little Rock	Pulaski	257	64	81.0	+ 3.6	98	27	58	8	1.54	−2.22	0.58	5	0.0	6	11	16	3	sw.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	77.6	+ 1.6	96	28	53	7	4.22	−0.39	1.24	14	0.0	8	17	7	6	e.	Clarence Lenhardt
Madison	St. Francis	209	13	....	....	....	....	....	....	1.50	−1.69	0.60	12–13	0.0	4	8	4	18	....	J. W. Epps
Magnolia	Columbia	315	27	80.2	+ 0.6	98	27	58	7	1.06	−2.17	0.65	13	0.0	4	0	30	0	sw.	State Agri School
Mammoth Spring	Fulton	600	39	78.4	+ 3.6	100	26	48	7	1.68	−2.71	0.63	12–13	0.0	6	21	8	1	sw.	Ray H. Hall
Marianna	Lee	235	32	78.9	+ 0.5	100	16	57	7§	0.67	−2.89	0.35	9	0.0	3	11	16	3	s.	University of Arkansas
Marked Tree	Poinsett	229	39	79.7	+ 1.9	98	27§	54	7§	1.73	−1.70	1.28	9	0.0	4	23	7	0	n.	Charles Walton
Marshall	Searcy	1050	..	77.6	+ 2.4	94	23§	49	7	3.76	−0.89	2.12	12–13	0.0	7	14	15	1	sw.	W. F. Reeves
Mena	Polk	1207	55	78.6	+ 2.0	96	19§	52	7	6.88	+1.94	2.53	19	0.0	10	15	14	6	sw.	E. W. St. John
Monticello	Drew	273	3	81.1	....	98	27§	59	7	1.01	....	0.44	12–13	0.0	5	17	13	0	s.	Airway Observer
Morrilton †	Conway	315	27	81.0	+ 2.7	101	27	56	7	4.00	+0.07	1.55	8–9	0.0	8	11	13	6	sw.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	6	....	....	....	....	....	....	7.02	....	1.72	11–12	0.0	11	11	12	7	s.	C. A. Lovell
Mountain Home †	Baxter	800	31	78.8	+ 4.1	97	23§	50	7	3.42	−1.16	0.95	8–9	0.0	8	22	1	7	sw.	H. N. Halbert
Mountain Valley	Garland	788	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	C. A. Cockman
Mount Ida	Montgomery	702	44	77.6	+ 1.8	97	19§	49	7	1.79	−2.48	0.74	5	0.0	7	15	12	3	sw	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	....	....	....	....	....	....	9.76	....	2.71	12–13	0.0	8	16	3	11	....	H. G Arvin
Nashville	Howard	350	5	80.4	....	99	30	60	7	2.11	....	1.37	13	0.0	2	27	1	2	s.	Carter Day
Newport	Jackson	231	60	81.1	+ 3.1	101	28	53	8	1.62	−2.21	0.85	8–9	0.0	6	16	6	8	sw.	W. T. Moyer
Nimrod Dam	Perry	475	2	79.2	....	99	26§	53	7	4.14	....	1.21	10	0.0	6	23	4	3	e.	U. S. Engineers
Oden	Montgomery	800	16	78.7	....	97	19	53	7	4.30	+0.34	2.45	5	0.0	8	16	8	6	s.	U. S. Forest Service
Okay	Howard	288	15	81.0	+ 2.0	99	28	62	6	1.46	−1.76	0.70	13	0.0	5	20	9	1	s.	Charles R. Jackson
Osceola	Mississippi	250	43	....	....	....	....	....	....	2.86	−0.42	0.95	14	0.0	8	28	2	0	....	G. M. Serey
Ozark	Franklin	396	48	77.8	0.0	95	21§	54	7	7.74	+3.35	1.78	12	0.0	14	12	9	9	e.	Orkney O. Milton
Paragould	Greene	275	20	79.8	....	99	27	52	7§	0.72	−2.97	0.53	14	0.0	6	22	8	0	sw.	J. E. Garrett
Parkin	Cross	222	13	....	....	....	....	....	....	1.36	−2.19	1.00	12–13	0.0	4	18	5	7	....	Carroll King
Perryville	Perry	325	4	79.5	+ 4.0	99	21§	54	8	4.04	−0.86	1.87	12–13	0.0	6	18	9	3	sw.	Lillie Cranford
Pine Bluff	Jefferson	215	56	82.8	+ 3.6	102	27	60	7†	1.39	−2.42	0.70	8	0.0	3	12	17	1	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	19	....	....	....	....	....	....	5.49	+1.11	1.68	19	0.0	7	14	10	6	sw.	J. E. Huddleston
Pocahontas	Randolph	300	50	80.3	+ 3.7	101	26§	51	7	0.79	−3.39	0.29	5	0.0	7	14	10	6	sw.	Benedictine Sisters
Portland	Ashley	122	37	82.4	+ 3.1	100	26§	60	8	0.34	−2.95	0.24	12	0.0	2	14	16	0	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	82.2	+ 3.1	100	27	59	7	0.64	−3.18	0.36	12	0.0	5	19	8	3	sw.	W. R. Hambright
Rogers	Benton	1300	53	75.3	+ 1.5	93	23	50	7	4.76	−0.11	1.57	8–9	0.0	9	16	9	5	s.	Howard Fowler
Rosebud	Faulkner	680	9	....	....	....	....	....	....	2.15	....	1.05	9	....	4	15	11	4	s.	G. A. Maddox
Russellville ‡‡	Pope	526	31	79.3	+ 1.6	98	27§	54	7	4.26	+0.01	1.50	5	0.0	9	13	14	3	....	U. S. Forest Service
St. Charles	Arkansas	175	10	80.8	....	99	17	57	7§	0.90	....	0.42	5	0.0	3	18	8	4	s.	U. S. Biological Survey
St. Francis	Clay	290	16	....	....	....	....	....	....	1.66	−2.40	0.62	28	0.0	6	23	0	7	....	W. S. Buckley
Searcy	White	245	33	78.9	+ 1.5	97	28	55	7§	2.96	−1.09	1.00	10	0.0	6	24	3	3	s.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	77.8	....	97	27§	53	8	2.07	....	1.52	12	0.0	5	12	17	1	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	76.3	....	93	23§	49	7	3.97	....	1.62	12–13	0.0	9	7	23	0	s.	John Brown University
Story	Montgomery	650	19	....	....	....	....	....	....	3.06	−0.34	0.95	5	0.0	6	21	6	3	s	S. C. Story
Stuttgart	Arkansas	214	56	81.2	+ 3.2	99	27§	57	7	0.83	−3.09	0.48	12	0.0	2	15	7	8	s.	Geo. L. Clark
Stuttgart 9 miles e ‡‡	Arkansas	198	8	79.8	....	98	27	54	8	1.38	....	0.93	12	0.0	....	....	....	....	....	University of Arkansas
Subiaco	Logan	750	45	81.4	+ 3.5	97	21§	63	13§	7.74	+3.68	2.43	5	0.0	10	17	0	13	s.	New Subiaco Abbey

Climatological Data for June, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Texarkana	Miller	332	59	81.8	+ 2.3	98	19	61	7	2.73	−0.96	2.44	5	0.0	4	10	15	5	sw.	U S. Weather Bureau
Turnpike †	Pope	2240	19	75.4	......	90	2§	51	7	6.35	+1.41	2.34	5	0.0	8	14	7	9	sw.	U. S. Forest Service
Waldron	Scott	675	24	78.9	......	97	19§	53	7	4.79	+0.33	1.85	5	0.0	9	9	17	4	sw.	William D. Bivens
Warren	Bradley	206	49	82.2	+ 3.0	100	27	57	7	1.15	−2.61	0.55	9	0.0	4	18	11	1	sw.	C. N. Turner
Whitecliffs	Little River	290	37	. ..	......	......	......	......	......	2.01	−1.60	1.70	5	0.0	3	21	4	5	......	L. M. Snead
White Rock †	Franklin	2285	7	73.8	......	88	19§	54	6‖	10.30	......	2.94	9−10	0.0	10	19	5	6	sw.	U. S. Forest Service
Wilson	Mississippi	237	18	80.4	+ 3.2	98	17‖	53	7	2.04	−0.93	0.53	10	0.0	6	18	0	12	s.	D. O. Anderson
Wynne	Cross	167	35	79.4	+ 1.5	99	14	58	7‖	0.99	−1.78	0.45	12	0.0	4	..	..	..	......	Mrs. Claudia A. Ford
State Means	......	.. .	..	79.2	+ 2.0	102	17§	48	7‖	3.04	−0.99	3.10	12−13	0.0	6	16	10	4	sw.	

Daily Precipitation for June, 1944

Stations	Drainage basin	Day of Month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Abbott [2]	Arkansas												.78	1.88	.06						.05											2.77
Alum Fork Reser.	Arkansas	.04				.22				1.93				1.87							.70				T.							4.76
Aplin [2]	Arkansas						.51			2.00	.91			1.22												.24						4.88
Arkadelphia [2]	Ouachita						.65			.17				.58	T						.53											1.93
Arkansas City [2]	Mississippi						T			.03				1.04	.36						T.									.15		1.58
Augusta [2]	White						.04			.61	.47			.69	.28															T.		2.09
Batesville Air'y [1]	White	.27				.58			.14	.45	.11		.67	1.19	.06					.01	T.											3.48
Batesville Livestk [2]	White						.32		.51					1.16	.53	.30																2.82
Batesville River [2]	White						1.36			.30	.14			.46	.93	.21				.02												3.42
Beaty Lake	St. Francis					T.			T.	.23	T.		1.95	.62				T.														2.80
Bee Branch	Arkansas	T.				.40			.35	.60	.05		.75	.75																		2.90
Beech Grove	White																															
Beedeville [2]	White	.08					T.			.51	T			.86	.30	T.																1.75
Benton [2]	Saline						.28			.09	.30			.09																		0.76
Bentonville [2]	Arkansas				.38	T.				1.25		.42	.38	1.01		.36				.16	.34				*	.07						4.37
Bethesda [2]	White						.40		.59					1.20	.53	.21																2.93
Big Lake Outlet [2]	St. Francis	.25					T			.27	.12		.24		.38	1.02																2.28
Black Rock [2]	White		.03				.50			.14	.30			.17	.20	.67														.05		2.06
Bluff City	Ouachita						.06			.34				.26											.14							0.80
Blytheville [2]	St Francis	.33	.24	.02						.27		.23		.10	.07	1.08	.45															2.79
Booneville 3 mi- w	Arkansas					1.62			.18	.11	.18	.02	1.12	1.21	.04						.01				.06					.03		4.58
Booneville [2]	Arkansas		.28				2.46			.24	.02	.02	.15	1.65	.03						.05										.15	5.05
Boughton [2]	Ouachita									.16					.31																	0.47
Brinkley [1]	White					T.			.13	.05		T.	1.27	.07																		1.52
Burdette	Mississippi	.90								.23	.27		.11	.12		1.12																2.75
Calico Rock [2]	White						.55			.26	.17			1.10	.19	T.				T	T.	.08										2.36
Camden [2]	Ouachita	.06					1.79			.65				.28	.37						.01											3.16
Camp Robinson [1]	Arkansas					.03			.08	.07			.73	T.																		0.91
Carlisle [2]	Arkansas																															....
Clarendon [2]	White									.16				.81																		0.97
Cold Springs [2]	Ouachita						2.07			1.34	.15	.21									.25											4.02
Conway	Arkansas					.23				.64				.96											.09							1.92
Corning [2]	White	.04	.10				.85			.05	.12	.05		.05	.03	.75																2.04
Cotter [2]	White					.36	.37			.72	T.			1.81	.21							.34								T.		3.81
Crossett	Ouachita												.19	*	.38														.07	.07		0.71
Crystal Valley [2]	Arkansas					T.				.21				.14																		0.35
Cummins Farm	Arkansas																															....
Danville [2]	Arkansas		.04				.91			.82	2.42	.14		.73	.86						.50					.25						6.67
Dardanelle [2]	Arkansas		.22				.76			1.34	.08				.28	.28					.18	.03				.48					.02	3.67
Denmark [2]	White		.72				.33			.83	.06			.40	1.07																	3.41
De Queen	Red					.25						.48	.36	.08							.39				T.							1.56
Dermott [2]	Mississippi									.02				.58	.50											T.						1.10
Des Arc [2]	White						T.			.68	.01			2.94	.16				.20													3.99
Devils Knob	Arkansas					.76			.66	.65	.38		1.21	2.45	1.36					.18	T.											7.65
Dumas	Mississippi					T.					.09		.05	.15				.58	T.	T.					.09						.20	1.16
Eagle Gap [2]	Arkansas						.73			.51	.03		.63	1.19	.22						1.49					1.80					T.	6.60
El Dorado [2]	Ouachita						T.			T				.96						.08												1.04
Eleven Point	White						.10	T	T	T.	T.	1.12		.76	.03	.48				T.	T.				T.			T		T.	T.	2.49
England	Arkansas									.22			.10	1.05																		1.37
Eureka Springs	White					.38			.30	1.18		.30	.20	.60	.18					1.75	1.35											6.24
Evening Shade [2]	White		T.				.45			.06	.01	.02		.96	.23	.07				.01	T.	.01										1.82
Fayetteville	White					.42			.33	.85	1.66	.90	.77	.79	.62			.02		.17					.02						T	6.55
Fayetteville Exp. S	White					.36			.30	.63		2.91	.79	.86	.95			.02		.34	T.				.06				T.		.03	7.25
Fordyce	Arkansas									.58				.88	.20										T						.81	2.47
Forester [2]	Arkansas						.42				.14			.29							.74											1.59
Fort Smith [1] ‡	Arkansas					1.10			.32	.23		.16	.98	1.24	.11					T					.01					.30		4.45
Fort Smith W... [1]	Arkansas					1.35			1.23	.35	.12	.52	.87	1.47	.47					.08					.92							7.38
Fulton [2]	Red	T.					.37			.06			.02	.11							.07					T.						0.63
Garland [2]	Red									.16				.29							1.13											1.58
Georgetown [2]	White		.47				T.			.45	.05		.09	.98	.75																	2.79
Gilbert [2]	White						.59			.90	.05			1.40	.05							.19										3.18
Glenwood [2]	Ouachita						.72			.05			.32	1.37	.11						.55					.12						3.24
Grannis	Red	T.		T.		.67			.26	T.		.03	.69	.10						.11					T.						T.	1.86
Gravelly [2]	Arkansas						.68			.17	.30			1.23	.17						.22											2.77
Gravette	Arkansas					.25			.42	.80		.47	.49	.75	.36										1.05							4.59
Green Forest	White					.36			.19	.90			.22	.54	.25			.13		.54	.69											3.82
Green Mountain	White					.65			.20				1.35	.55						T.	.10											2.85
Greenwood [2]	Arkansas						1.35			.25	.15	.65	.16	2.10							.82											5.48
Harrisburg [2]	St. Francis		.25			.07					.70		.07	.35	.45																	1.89
Harrison	White					.13			.53	.51			.09	.56	.69					.05	.26											2.82
Heber Springs [2]	White						.32			.52	.16			.82	1.21																T.	3.03
Helena [2]	Mississippi	.05								.92	.40			.05	.24											.08				.01		1.75
Henderson [2]	White					*	.75			.30	.28			.91		.75				.16		.12										3.27
Highland	Ouachita																															....
Hollis	Arkansas								.10	1.74				1.04							.45											3.33
Hope [2]	Red	T.					.29			.25			.04	.67	T.						.15											1.40
Hot Springs	Ouachita					.75	.02			.42			.15	.15	.08			.01			.01				.02						T.	1.61
Huttig [2]	Ouachita													.92	1.28											.20				T.		2.40
Index [2]	Red						1.50														.50											2.00
Jessieville	Ouachita					.90				.28	1.06			.54						.54											1.10	4.42
Jonesboro [2]	White		.72				.01			.12	.08	.03	.01	.09	.28	2.33																3.67
LaCrosse [2]	White		.60						.13					2.45	.11																	3.29

Daily Precipitation for June, 1944 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Lake City[2]	St. Francis															.52																0.52
Lead Hill	White					.32			.26	.91			.03	.55	1.16					.02	.55									.05		3.85
Little Rock[1†]	Arkansas					.58			.12	.04	.23		.47	.10						T					T.							1.54
Lutherville	Arkansas					.71			.47	.74	.41			T.	1.24					.10					.28					.27		4.22
Madison[2]	St. Francis									.40				.60	.25				.25													1.50
Magnolia	Red					.23	.07						.11	.65																	T	1.06
Mammoth Spg[2]	White					*	.42				.33			.47	.16	.30																1.68
Marianna[2]	St. Francis					T.				.35				.12	.20																	0.67
Marked Tree[2]	St. Francis									.29	.99			.06	.39																	1.73
Marshall	White					.76			.24	.49			.82	1.30	.02					T.	.13											3.76
Marvell[2]	White																															....
Mena[2]	Ouachita						.74			.25	.97		.02	.92	.03	T.					2.53					.10				09	1 23	6.88
Monticello[1‡]	Ouachita								.02				.37	.07											.22						.33	1.01
Morobay[2]	Ouachita									.22			.21	.76																T		1.19
Morrilton[2]	Arkansas		.65				.45			1.20	.35			.90	.05							.05				.35						4.00
Mountainburg	Arkansas					1.20			.37	1.20	.08	.04	1.72	1.23	.40					*	.20				.58							7 02
Mountain Home	White					.92			.10	.85			.50	.40	.35					.10	.20											3.42
Mountain Valley	Ouachita																															...
Mountain View[2]	White						.63			.33	.50			3.00																		4.46
Mount Ida	Ouachita					.74			.12	.12			.36	.06							.16										.23	1.79
Mulberry[2]	Arkansas					.98	1.35			2.55	.07		1.21	2.71		T.					.19				T	.70						9.76
Nashville	Red					.74			T.				T.		1.37																	2.11
Newhope[2]	Ouachita						1.31							2.26							.22											3.79
Newport[2]	White		.07				.18			.75	.10			.17	.35																	1.62
Nimrod Dam	Arkansas					1.15	.03			1.15	1.21			.35											.25							4.14
Odell[2]	Arkansas				.18			.11	1.96			.29	.72	2.44	1.07						.10				.45							7.32
Oden	Ouachita	.25				*	2.45		.10	.12		T.	.15	.70						.53												4.30
Okay	Red					.07	.52					.06		.70							.11											1.46
Osceola[2]	Mississippi	.05	.73							.19	*	.30		.31	.33	.95																2 86
Ozark[3]	Arkansas					*	1.57			.73	.19	*	.96	1.78	.13	.99				.02	.29				.52	.23					.23	7.74
Paragould	St. Francis	.02				.07			.05	.06			T.	.19	.33																	0.72
Parkin[2]	St. Francis									.20	.16			.27	.73																	1.36
Perryville	Arkansas					.70			.12	1.00			1.27	.60											.35					T.		4.04
Pine Bluff[2]	Arkansas						.03			.70	T.			.66																		1.39
Pine Ridge[2]	Ouachita						1.08			.14			.21	.83							1.68					1.37					.18	5.49
Pocahontas	White					.29				.22			.02	.10	.02	.10															.04	0.79
Portland[2]	Ouachita													.24												.10					T	0.34
Prescott[2]	Ouachita						.14			T.			.09	.36	.01						.04											0·64
Red Star	White					1.14					*	1.50		1.34	3.34			*	1.63	.63												9 58
Rogers	White					.49			.35	1.22	T.	.22	.51	.51	.18					.60	.68											4.76
Rosebud	Arkansas					.15				1.05			.20	.75																		2.15
Russellville	Arkansas					1.50			.76	.60				.76	.07					.18	T				.18					02	.13	4.20
St. Charles[2]	White						42			.36				.12																		0 90
St. Francis[2]	St. Francis		.05				.26			.05					.20	.48														.62		1.66
Searcy[2]	White						.26			.96	.03	1.00		.55	.16																	2.96
Sheridan	Ouachita					.02			.13	.40			.25	1.27																		2.07
Shirley[2]	White						1.00			.45		.18		2.35	.45							T									T.	4.43
Siloam Springs	White					.16			.41	1.25	.21	.09	.57	1.05	.03					.20												3.97
Sparkman	Ouachita					.03				1.06			.08	.07						.28					.25							1.77
Stamps	Red					.78				T			.10	.24																		1.12
Stephens[2]	Ouachita																															....
Steve[2]	Arkansas						1.21			.47				.69																		2.37
Story[2]	Ouachita						.95			.13	.29			.53							.33					.83						3.06
Stuttgart[2]	Arkansas									.35				.48																		0.83
Stuttgart Evap[2]	Arkansas									.26				.93	.17															.02		1.38
Subiaco	Arkansas	.10				2.43			.42	.23	T.		2.05	1.05							.08				1.15					.10	.13	7.74
Sugar Grove[2]	Arkansas		.16				1.50			.71		63		1.18							.20					.18						4.56
Texarkana[1‡]	Red					2.44			17				.09							.03												2 73
Tichnor[2]	White									.62				.29	.04																	0.95
Turnpike	Arkansas					2.34			.28	.80	.56		.12	1.61	.63						.01											6.35
Viola[2]	White						.75							.75	.55	.31																2.36
Waldron[2]	Arkansas					1.85			.15	.10		.50	.80	.42							.72				.08						.17	4.79
Walnut Grove	White	.55				T.			T.	.41			.21	.41	2.09	*	.98															4.65
Warren	Ouachita									.55				.40				T.			T.				.02	T.					.18	1.15
Whitecliffs[2]	Red						1.70						.21								.10											2.01
White Rock	Arkansas					1.71			.39	2.32	.62	T	1.56	1.20	.21					.65					1.39						.25	10.30
Wilson[2]	Mississippi		.45							.23	.53		.45		.13	.25																2.04
Wynne[2]	St. Francis									.12	*	.22		.45	.20																	0.99

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for June, 1944

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Monthly
Bethesda.....§§	Evap.	.241	.258	.159	.423	.383	.128	.272	....	.025	.175	.200	.330	....	....	.274	.274	.308	.268	.194	.284	.116	.273	.299	.232	.278	.237	.361	.453	.302	.305	7.952
	Mean tem.	82	81	76	82	70	74	66	71	78	76	79	76	74	78	79	83	80	83	82	72	76	84	84	83	78	81	80	81	81	81	78.2
	Wind move	5	5	42	75	71	48	56	28	34	15	17	19	65	52	32	40	21	32	48	47	16	58	75	54	13	36	11	33	27	46	1121
Hope, ...§§ Exp. Farm	Evap.	.215	.271	.253	.260	.237	.211	.252	.249	.146	.211	.254	.190	.281	.225	.264	.305	.294	.148	.286	.310	247	.305	.317	241	.190	.295	.309	.264	.328	.316	7.669
	Mean tem.	79	78	78	80	80	72	70	74	82	82	80	80	80	82	83	83	82	83	84	82	85	84	84	84	84	85	82	84	80	82	80.7
	Wind move	25	26	33	45	31	50	48	23	23	25	14	18	41	39	42	28	29	31	25	51	21	38	55	48	35	14	17	15	25	34	949
Nimrod Dam...	Evap.	.292	.235	.304	.284	.173	.149	240	.186	.140	.320	.181	.180	.209	.276	.183	.294	.280	.291	.274	.280	.224	.360	.340	.105	.217	338	.315	.300	.256	.232	7.458
	Mean tem.	80	76	76	79	72	70	66	69	76	80	78	78	79	82	82	82	80	84	84	76	82	83	85	82	83	84	82	82	82	82	79.2
	Wind move	14	20	38	40	16	17	9	13	9	5	7	14	25	20	14	26	6	15	24	16	14	35	39	15	4	12	14	8	10	3	502
Russellville....	Evap.	.260	.260	.268	*	.370	.196	.272	.228	.128	.200	238	.152	.226	.182	*	.498	.294	.290	.224	.084	.294	....	....	....	....	.300	.278	.280	.252	.096	5.870
	Mean tem.	78	77	75	80	77	70	66	63	74	80	80	80	78	83	82	82	82	82	84	74	82	84	85	82	80	82	83	83	83	82	67.6
	Wind move	11	12	36	16	10	21	23	12	16	10	13	16	20	11	10	11	10	14	13	14	21	21	11	13	5	12	8	10	12	8	420
Stuttgart, ...§§ Rice Exp. Farm	Evap.	.245	.256	.255	.307	.411	.126	.260	.238	.223	.151	211	.350	.137	.176	.373	.145	.251	.241	.251	.231	.217	.284	.826	.326	.185	.251	.269	.313	.409	.164	7.582
	Mean Tem.	79	78	78	80	80	74	68	70	75	80	80	80	78	80	82	82	84	84	84	82	80	83	84	82	80	80	82	84	80	82	67.3
	Wind move	36	43	59	83	76	47	41	34	58	25	18	43	104	67	36	80	38	36	43	43	43	80	80	94	37	17	23	38	49	40	1511

Daily Temperatures for June, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	89	90	87	89	88	78	78	79	87	91	91	88	89	89	92	94	94	94	95	92	95	94	95	95	94	97	97	97	95	92	90.8
	Minimum	66	63	63	65	64	61	61	73	63	66	66	66	66	70	70	70	65	69	70	66	63	73	74	74	67	69	67	68	85	80	68.1
Arkadelphia ....§§	Maximum	90	89	90	85	88	81	85	89	94	98	94	94	94	96	97	96	98	97	02	92	100	96	99	98	98	98	100	101	96	98	94.4
	Minimum	78	69	67	68	70	62	56	58	64	68	70	73	69	69	71	69	71	73	89	69	70	73	76	74	68	74	68	71	74	70	70.0
Batesville Air..***	Maximum	92	93	90	92	84	81	78	85	85	92	93	90	91	94	94	95	96	97	92	78	95	98	99	94	97	101	100	102	96	94	92.3
	Minimum	68	68	67	70	62	56	51	52	64	66	67	67	65	70	68	70	70	73	72	61	60	77	72	70	65	66	66	66	69	70	66.3
Batesville,Livestk§§	Maximum	89	88	86	88	79	76	76	83	86	92	90	86	87	91	92	92	94	94	90	76	93	95	95	91	92	97	96	97	94	92	89.2
	Minimum	66	64	64	70	70	58	49	48	62	63	66	67	66	65	66	73	72	72	71	63	57	70	70	75	63	65	65	64	69	68	65.4
Bee Branch	Maximum	89	88	85	87	85	77	78	80	84	87	90	91	88	90	91	92	94	94	94	75	94	94	95	95	95	96	96	97	96	92	89.6
	Minimum	66	61	62	68	63	58	50	53	61	65	65	66	63	68	68	66	66	70	71	65	61	69	67	73	65	65	64	65	66	70	64.7
Benton ....§§	Maximum	89	86	87	89	86	80	77	85	85	92	91	88	90	90	92	94	94	94	96	85	96	95	96	92	96	96	97	99	95	94	90.9
	Minimum	65	62	64	66	68	59	53	52	56	65	66	68	68	68	67	64	67	68	70	65	64	67	69	70	66	65	64	65	66	67	64.8
Bentonville .....§§	Maximum	88	86	83	86	73	74	80	74	83	89	89	81	85	85	89	90	91	91	85	84	92	93	95	90	94	94	93	93	89	91	87.0
	Minimum	65	63	65	65	62	52	49	54	58	60	63	62	61	63	65	70	65	68	63	61	61	70	70	68	66	68	64	66	68	67	63.4
Bethesda........§§	Maximum	94	94	87	95	82	78	83	92	93	90	91	85	87	89	91	92	93	93	90	77	92	94	95	91	93	96	96	97	93	92	90.5
	Minimum	69	68	65	70	57	70	49	48	63	63	67	67	60	66	67	74	68	73	73	66	59	74	72	75	63	66	65	65	69	70	66.0
Bluff City	Maximum	89	88	89	88	90	81	81	89	89	91	92	91	92	91	93	95	99	95	97	92	98	96	95	93	96	95	97	96	94	95	92.2
	Minimum	69	68	68	67	67	63	57	60	66	65	68	69	69	70	73	72	73	74	72	69	73	75	75	74	68	67	69	71	68	69	68.9
Blytheville	Maximum	89	90	91	92	88	82	76	88	83	92	92	92	88	88	91	94	97	96	92	82	92	99	97	90	94	95	98	97	97	92	91.1
	Minimum	67	66	67	67	68	63	50	55	64	67	68	69	68	70	66	69	71	73	74	61	59	74	73	76	63	68	70	70	70	69	67.2
Booneville	Maximum	89	88	86	88	86	78	80	78	91	92	90	83	89	92	92	94	93	93	97	92	94	93	97	92	97	97	96	96	95	93	90.7
	Minimum	67	64	66	72	65	58	53	61	64	67	66	68	64	73	69	68	68	70	73	67	68	72	72	72	67	68	66	67	67	68	67.0
Brinkley ....***	Maximum	91	89	89	90	90	83	79	85	88	92	92	88	88	90	94	95	97	96	95	79	97	97	98	95	94	99	99	98	94	94	91.8
	Minimum	70	68	69	70	70	58	55	54	67	67	68	71	71	70	70	72	71	74	71	66	64	75	72	69	65	62	65	67	66	72	67.6
Camden	Maximum	89	89	89	92	93	83	83	91	90	96	94	92	90	90	93	95	96	97	98	95	98	94	95	92	97	97	100	98	94	94	93.1
	Minimum	67	66	68	68	64	65	56	58	66	68	68	71	69	70	73	70	72	73	71	70	71	76	75	74	67	70	68	70	67	68	68.6
Camp Robinson ***	Maximum	91	89	89	91	87	81	79	86	89	93	93	89	91	92	96	96	98	96	91	83	98	98	100	97	97	99	99	98	97	95	92.6
	Minimum	66	63	66	67	65	61	56	54	54	52	51	54	54	70	70	69	68	76	70	67	63	74	72	73	68	67	66	67	65	64	64.4
Conway	Maximum	92	89	90	90	84	83	80	81	87	93	93	90	92	93	95	95	97	97	96	88	99	98	100	94	98	99	99	99	96	95	92.7
	Minimum	69	66	67	69	69	62	56	57	64	69	69	70	63	72	71	69	71	74	73	68	64	72	73	75	71	69	69	69	69	72	68.5
Corning	Maximum	89	90	90	92	87	78	77	86	85	91	96	90	88	90	94	95	95	98	94	90	93	97	98	98	93	98	98	99	97	90	91.9
	Minimum	70	68	70	68	66	60	50	53	67	67	67	70	70	71	69	71	72	74	75	62	60	74	74	78	74	70	72	69	73	73	68.6
Crossett	Maximum	91	89	90	92	94	87	83	92	94	93	93	91	93	95	96	97	95	95	98	94	99	96	97	95	94	98	99	97	93	94	93.8
	Minimum	64	63	63	63	66	66	50	54	65	64	64	67	69	70	68	68	69	70	66	71	69	73	69	68	67	61	65	65	66	65	65.6
Dardanelle	Maximum	90	89	90	89	89	81	82	80	87	92	94	89	89	92	95	97	97	97	97	88	97	97	98	97	97	98	99	99	97	93	92.5
	Minimum	71	66	68	71	69	60	55	60	63	70	69	71	66	74	73	70	71	75	75	69	67	72	75	77	70	71	68	68	70	71	69.2
De Queen	Maximum	86	87	85	87	82	82	79	82	87	90	88	88	88	88	90	91	90	91	95	90	93	91	92	91	94	93	94	94	92	93	89.1
	Minimum	66	67	70	70	66	61	57	63	70	69	69	70	71	73	70	70	71	71	71	68	73	73	74	74	70	69	70	70	68	69	69.1
Des Arc	Maximum	91	91	90	91	90	82	81	86	87	91	94	90	93	94	95	96	98	97	95	91	97	96	96	96	92	91	94	96	93	91	92.2
	Minimum	70	69	70	70	71	64	67	57	66	69	69	71	69	71	72	70	74	74	75	68	65	76	73	76	68	69	70	71	70	72	69.9
Devils Knob	Maximum	81	80	79	79	75	70	70	66	80	80	83	79	80	81	84	84	85	86	86	80	86	86	88	89	89	89	90	92	89	87	82.4
	Minimum	68	66	63	65	60	55	52	57	57	65	67	64	58	61	75	69	70	71	65	62	61	72	71	74	77	73	80	73	74	69	66.5
Dumas	Maximum	95	94	90	95	95	85	81	92	93	98	97	82	80	94	98	100	102	98	98	92	102	101	101	98	98	101	101	99	96	97	95.1
	Minimum	69	69	64	68	70	68	56	57	67	67	69	69	70	72	72	72	74	74	72	70	68	77	73	75	69	67	68	70	77	71	69.5
El Dorado	Maximum	92	90	92	93	93	89	85	92	94	96	93	93	90	94	95	97	96	97	98	96	101	97	98	97	97	98	100	99	96	97	94.8
	Minimum	70	69	70	70	72	67	59	64	70	72	70	72	70	70	74	74	76	77	73	73	75	77	75	76	72	70	72	73	71	72	71.5
England	Maximum	90	89	89	89	90	81	78	81	87	92	93	92	89	89	93	96	96	94	93	84	96	95	96	91	93	98	98	98	94	92	91.2
	Minimum	68	67	67	67	69	63	57	67	65	67	67	68	69	67	72	69	73	73	73	68	65	73	71	73	67	65	66	68	66	70	68.0
Eureka Springs	Maximum	87	84	82	84	84	72	77	74	82	87	88	86	83	83	87	89	89	90	88	80	89	89	92	90	92	92	90	93	89	88	86.0
	Minimum	69	66	67	69	62	53	51	58	59	65	67	65	61	63	71	72	69	69	64	60	66	75	72	70	69	72	68	69	70	70	66 0
Fayetteville	Maximum	86	84	83	85	81	74	79	76	85	88	87	81	85	85	90	89	90	90	91	85	92	91	93	92	92	92	92	93	91	90	87.1
	Minimum	67	65	68	70	63	55	50	59	60	65	65	65	62	64	70	77	72	72	67	66	72	74	74	70	66	72	69	65	68	70	66.7
Fayetteville Exp. S	Maximum	86	86	83	85	79	73	76	75	84	89	85	76	84	85	87	87	89	89	83	83	90	90	93	90	93	92	91	93	91	89	86.0
	Minimum	66	64	66	70	61	52	49	58	59	64	61	63	60	64	69	71	67	69	65	64	68	68	73	69	64	69	67	64	67	68	64.6
Fordyce	Maximum	92	90	93	91	93	85	83	91	90	95	93	91	91	91	95	97	96	96	99	92	99	96	98	94	98	98	100	100	96	97	94.0
	Minimum	69	68	68	68	69	65	65	58	66	70	69	71	69	73	73	72	75	74	73	69	71	75	74	74	72	68	70	71	68	70	69.9
Fort Smith.....***	Maximum	91	89	88	89	79	77	81	76	88	91	90	79	89	90	92	94	95	94	95	89	96	94	96	93	97	98	97	97	95	91	90.3
	Minimum	73	72	72	76	65	62	57	61	65	73	71	69	65	76	73	76	74	77	74	72	70	77	75	77	74	75	73	74	68	75	71.4
Gilbert..........§§	Maximum	85	85	85	85	78	73	74	73	84	80	87	74	85	85	89	90	90	90	89	77	90	90	90	86	90	90	91	91	86	87	85.0
	Minimum	60	61	61	65	64	55	48	50	50	60	64	65	63	63	64	64	64	68	70	64	59	65	68	70	64	64	64	61	67	67	62.4
Grannis	Maximum	87	86	85	87	83	81	79	84	88	91	90	88	87	89	90	92	92	92	97	91	94	92	94	92	95	94	96	95	92	95	89.9
	Minimum	67	65	65	67	63	60	53	59	64	68	67	68	68	72	69	76	68	68	69	64	69	71	72	71	68	70	66	69	68	66	67.0
Gravette	Maximum	85	85	84	85	82	77	79	77	82	90	87	81	85	85	88	88	90	89	87	85	91	90	92	91	92	92	91	93	90	90	86.8
	Minimum	66	63	65	66	61	52	51	59	60	62	64	66	61	66	70	69	68	70	68	64	70	73	71	67	67	71	67	68	68	69	65.4
Green Mountain	Maximum	89	86	84	88	84	74	73	79	84	87	91	92	80	91	90	92	94	93	92	85	92	93	94	95	96	94	96	95	91	90	88.8
	Minimum	71	68	67	69	62	54	52	57	60	68	70	71	64	68	70	73	76	75	74	69	61	69	73	75	78	74	74	75	74	72	68.8
Harrison	Maximum	90	81	85	87	80	74	78	75	85	90	91	84	85	89	91	91	92	93	89	85	92	93	95	94	95	95	95	96	93	91	88.5
	Minimum	66	62	62	68	65	55	48	54	60	64	65	68	63	66	67	68	65	70	68	62	63	76	70	72	60	65	65	63	68	69	64.6
Helena	Maximum	89	88	89	90	92	81	78	85	86	90	91	89	87	90	92	94	96	95	94	90	94	94	94	94	90	94	97	97	91	90	90.7
	Minimum	70	70	70	70	70	67	59	59	65	67	70	70	70	73	73	72	75	75	75	69	65	78	74	75	65	68	74	75	69	72	70.1
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope ....§§	Maximum	90	89	89	90	90	82	82	88	90	96	92	92	91	93	94	96	93	96	98	94	97	95	95	93	99	98	99	98	93	97	93.0
	Minimum	68	67	68	69	70	63	57	59	65	67	67	69	69	71	72	70	71	70	70	69	73	74	74	74	69	67	66	68	67	68	68.4
Hot Springs	Maximum	91	89	89	91	89	84	82	84	87	90	92	90	89	91	95	96	97	96	100	92	99	98	98	96	98	99	100	102	98	93	93.2
	Minimum	71	69	68	69	65	60	56	60	65	69	69	70	69	70	74	76	74	75	73	68	68	72	72	78	69	70	70	71	70	72	69.4
Jonesboro	Maximum	91	90	90	92	90	80	78	88	85	91	95	89	88	92	94	95	97	96	94	90	96	97	97	96	95	98	99	98	95	91	92.2
	Minimum	69	69	68	66	71	62	53	54	66	69	70	71	70	70	67	73	72	76	77	64	60	76	75	73	68	70	71	70	72	74	69.0
Lead Hill	Maximum	92	90	88	90	84	75	78	75	86	90	91	87	88	88	92	94	95	95	91	81	93	95	97	94	96	97	96	97	92	94	90.0
	Minimum	66	62	61	67	65	54	48	53	61	64	65	68	64	66	65	65	64	71	67	62	62	69	66	72	64	66	64	63	67	68	64.0
Little Rock..***	Maximum	90	89	89	90	90	81	79	86	88	94	93	89	91	90	94	95	96	96	95	82	96	96	97	91	96	98	98	98	93	95	91.8
	Minimum	71	67	71	71	65	64	59	58	67	70	70	70	71	72	73	70	73	75	75	70	67	76	74	76	70	71	70	72	70	75	70.1
Lutherville	Maximum	85	86	84	85	80	77	76	77	85	89	89	84	88	87	90	91	92	92	91	84	92	92	93	90	93	93	95	96	93	91	88.0
	Minimum	68	65	69	70	66	58	53	57	61	68	68	69	63	68	69	69	68	73	70	66	65	73	74	71	68	68	69	68	69	70	67.1
Magnolia	Maximum	89	88	89	90	90	85	82	91	90	93	91	92	93	90	93	94	94	95	97	97	96	94	95	95	95	96	98	97	92	95	92.5
	Minimum	67	66	68	68	67	64	58	59	67	69	69	69	69	70	70	70	72	69	70	69	73	73	71	72	69	65	65	65	67	67	67.9
Mammoth Spring	Maximum	92	91	90	91	90	75	81	84	86	92	92	92	89	91	93	94	96	96	90	87	94	97	98	93	96	100	98	99	94	92	91.8
	Minimum	64	62	64	62	64	56	48	51	65	65	68	67	67	67	59	64	68	72	63	60	60	71	70	76	62	76	73	66	73	69	65.1
Marianna ....§§	Maximum	92	92	92	93	92	82	78	89	88	93	93	96	88	92	96	97	100	99	97	82	98	98	99	94	95	98	99	97	93	95	90.0
	Minimum	67	69	67	69	67	67	57	57	67	67	68	70	70	70	70	67	68	72	75	68	65	74	74	75	63	63	67	68	66	66	67.8
Marked Tree....§§	Maximum	93	93	92	92	89	82	80	87	83	92	94	88	86	92	94	95	97	97	93	76	96	96	96	93	95	96	98	98	96	93	91.7
	Minimum	68	69	69	69	69	66	54	54	56	66	71	71	70	71	70	70	70	73	71	66	61	64	74	75	66	68	70	70	70	71	67.7
Marshall	Maximum	89	87	86	89	78	74	74	77	84	88	88	83	86	87	90	90	91	93	89	86	90	91	94	91	92	94	94	93	91	90	87.6
	Minimum	68	69	68	70	64	57	49	57	61	69	67	71	62	70	72	71	74	74	71	69	65	77	72	72	66	71	72	67	68	68	67.7
Mena	Maximum	90	89	85	88	84	79	82	83	90	92	91	85	85	91	92	93	93	93	96	92	94	92	94	94	96	93	93	94	91	90	90.1
	Minimum	67	68	68	69	64	58	52	59	64	66	65	67	70	74	70	70	72	70	71	64	69	70	73	74	66	66	65	67	67	66	67.0
Monticello......***	Maximum	90	88	88	89	92	84	81	88	90	94	91	91	91	91	94	95	96	96	97	91	97	96	96	96	95	95	98	98	92	95	92.5
	Minimum	69	69	68	68	70	62	59	60	67	67	68	69	69	73	73	72	75	74	71	70	70	77	73	72	71	69	73	73	69	71	69.7
Morrilton ....§§	Maximum	95	88	90	94	86	84	80	84	91	93	95	93	94	95	98	96	99	98	95	87	98	99	99	95	96	100	101	99	96	97	93.8
	Minimum	67	67	67	69	74	60	56	57	64	66	69	70	69	69	72	69	70	75	74	70	65	67	73	75	71	70	68	67	69	69	68.3
Mountain Home	Maximum	90	89	86	88	80	76	75	80	86	90	91	86	88	90	91	92	93	93	90	80	92	94	97	93	93	96	94	97	94	92	89.2
	Minimum	71	71	65	65	65	56	50	52	61	71	68	72	72	68	74	70	74	71	71	71	62	62	79	77	74	74	71	71	74	74	68.5
Mt. Ida	Maximum	88	87	87	87	84	81	78	85	86	92	90	88	90	90	92	94	94	93	97	90	95	93	95	94	96	95	96	97	95	94	90.8
	Minimum	65	61	62	64	64	57	49	55	64	68	63	65	69	68	67	65	65	69	67	64	67	76	74	68	62	62	61	63	62	66	64.5
Nashville	Maximum	89	87	87	88	91	84	79	87	90	93	90	92	91	92	93	93	93	93	98	92	97	94	96	92	98	97	97	97	97	99	92.2
	Minimum	68	65	68	69	63	61	60	61	66	68	68	69	68	71	71	68	70	70	71	69	72	71	76	73	67	77	67	70	69	69	68.5
Newport	Maximum	93	91	91	93	88	80	78	89	88	93	95	89	90	93	95	96	98	97	93	87	97	98	98	95	97	100	100	101	98	94	93.2
	Minimum	71	67	69	69	70	62	56	53	66	69	70	72	70	72	69	69	71	75	75	68	62	76	73	78	68	68	70	69	70	74	69.0

Daily Temperatures for June, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Nimrod Dam	Maximum	90	89	87	88	81	79	80	79	88	93	91	88	90	91	94	95	95	96	97	86	97	96	98	92	97	99	99	99	97	94	91.5
	Minimum	69	63	65	70	64	62	53	59	64	67	65	69	68	73	70	69	66	71	70	65	65	70	72	72	69	68	64	66	68	69	66.8
Oden ***	Maximum	89	87	86	87	82	79	81	82	88	92	91	88	89	90	92	93	92	93	97	90	94	92	93	89	95	94	95	94	95	93	90.1
	Minimum	73	64	70	70	66	58	53	60	65	66	65	69	69	73	69	70	67	70	70	65	69	74	73	72	66	67	65	66	67	67	67.3
Okay	Maximum	89	88	88	89	89	82	85	88	90	94	94	92	92	90	92	93	94	96	97	97	96	96	94	96	95	97	97	99	97	96	92.7
	Minimum	69	68	68	68	68	62	72	66	63	67	69	70	68	72	71	69	74	72	71	70	73	71	73	74	70	67	67	70	68	66	69.2
Ozark	Maximum	89	87	89	90	82	78	77	74	85	91	90	87	88	86	92	94	94	94	93	82	95	95	95	92	90	94	93	95	94	92	89.2
	Minimum	68	65	65	69	62	60	54	60	62	68	68	65	63	70	69	59	69	71	70	69	68	68	70	69	68	68	68	68	70	70	66.4
Paragould	Maximum	88	90	90	92	86	78	79	87	86	91	94	91	88	92	94	95	98	96	92	81	96	92	97	92	94	98	99	98	97	92	91.4
	Minimum	69	67	66	65	67	61	52	52	67	67	70	70	71	69	69	70	71	79	77	63	59	73	73	79	66	69	71	68	72	73	68.2
Perryville	Maximum	93	90	89	91	88	81	79	84	89	92	92	91	92	94	96	97	98	97	95	85	99	97	99	96	97	99	99	97	96	94	92.9
	Minimum	67	62	64	66	65	61	64	54	63	65	66	68	72	71	66	65	67	71	70	65	64	68	68	72	68	67	64	65	66	68	66.1
Pine Bluff	Maximum	93	91	91	94	91	80	83	87	90	95	94	90	91	91	96	97	99	98	96	87	99	97	98	92	99	100	102	101	97	97	93.9
	Minimum	71	71	70	72	73	68	60	60	66	70	72	72	70	74	75	73	76	77	75	71	70	78	76	77	73	70	72	74	71	75	71.7
Pocahontas	Maximum	93	90	91	92	90	77	78	88	87	92	95	94	88	91	96	96	98	97	95	91	95	99	100	99	97	101	100	101	100	95	93.5
	Minimum	69	65	65	66	64	58	51	52	66	66	69	69	70	71	69	68	69	73	76	63	58	71	73	78	64	69	69	69	73	69	67.1
Portland	Maximum	90	89	89	90	92	90	82	90	93	94	92	92	91	92	96	97	99	95	98	94	99	95	97	95	96	100	100	99	95	95	93.9
	Minimum	69	68	68	69	70	75	65	60	68	72	74	68	72	72	73	80	73	72	70	73	69	78	74	79	71	65	68	70	68	72	70.8
Prescott	Maximum	91	89	90	91	89	83	82	88	92	95	93	92	92	94	95	96	95	97	99	94	99	98	98	96	98	99	100	99	95	97	93.9
	Minimum	70	68	70	70	72	65	59	61	67	70	70	71	70	72	74	72	73	73	72	71	73	76	76	76	70	71	70	74	70	71	70.6
Rogers	Maximum	87	83	82	84	80	71	77	73	83	88	87	78	84	85	87	88	88	89	87	81	89	88	93	89	92	91	90	92	87	87	85.3
	Minimum	67	64	64	69	62	53	50	58	60	65	65	65	61	64	69	70	66	69	66	61	69	74	72	70	67	69	65	66	70	69	65.3
Russellville	Maximum	89	89	88	90	88	81	78	79	87	92	91	89	91	92	94	95	96	95	94	81	96	96	97	91	90	97	98	98	98	91	91.0
	Minimum	66	65	62	71	66	60	54	58	61	68	68	70	66	74	70	69	69	70	73	68	67	71	73	72	70	70	68	68	68	73	67.6
St. Charles §§	Maximum	91	90	91	91	92	83	82	87	91	93	93	90	90	92	95	96	99	98	97	85	98	96	98	95	96	96	98	97	94	97	92.4
	Minimum	70	69	70	69	70	67	57	57	66	67	69	70	69	70	71	68	72	74	74	68	65	76	74	76	68	67	69	70	69	71	69.1
Searcy	Maximum	89	87	87	89	84	79	77	84	84	89	90	83	87	88	91	91	93	92	91	86	93	94	96	91	91	94	95	97	93	93	89.3
	Minimum	70	67	67	67	68	61	55	55	64	69	69	70	68	72	70	69	72	74	75	69	63	74	72	77	69	68	69	70	70	73	68.5
Sheridan	Maximum	90	88	88	90	88	80	80	87	88	93	91	89	90	90	93	95	95	95	95	85	96	94	95	92	95	96	97	97	95	93	91.3
	Minimum	66	64	66	66	66	60	60	53	64	66	67	67	68	70	70	66	71	71	71	64	64	73	69	71	67	65	65	67	65	67	66.3
Siloam Springs	Maximum	84	85	82	85	85	73	77	77	83	89	87	80	84	85	88	89	89	89	86	83	90	89	93	90	93	91	92	93	90	90	86.4
	Minimum	66	66	69	72	62	53	49	59	60	64	66	66	62	68	71	70	66	70	67	64	72	72	71	71	66	72	67	67	68	69	66.2
Stuttgart	Maximum	90	89	87	91	92	81	80	88	86	92	92	92	89	90	90	94	97	95	95	91	96	95	96	94	94	97	99	99	94	95	92.1
	Minimum	70	69	69	69	71	67	57	59	66	69	70	70	70	73	73	71	75	74	76	70	67	77	74	75	71	69	71	74	71	74	70.4
Stuttgart Evap. §§	Maximum	90	90	90	92	90	82	80	87	88	93	92	91	89	91	93	94	97	95	95	95	96	96	96	92	94	96	98	97	93	94	92.2
	Minimum	68	66	67	68	69	65	56	54	62	66	67	69	68	70	70	69	71	72	73	68	65	70	71	71	67	64	66	70	67	71	67.3
Subiaco	Maximum	89	87	87	89	83	83	79	74	87	91	91	91	89	91	93	95	93	95	95	86	97	96	97	91	95	94	97	96	94	93	90.6
	Minimum	76	75	76	80	70	70	70	69	75	68	67	68	63	63	71	72	69	86	79	79	66	76	76	70	83	70	71	69	69	69	72.2
Texarkana ***	Maximum	87	87	88	90	88	81	84	86	90	94	92	92	91	91	93	94	92	95	98	95	97	95	94	94	96	97	96	98	95	96	92.2
	Minimum	70	70	70	71	66	64	61	66	67	72	71	72	72	75	74	73	75	73	74	72	77	74	74	76	75	71	71	73	69	71	71.3
Turnpike	Maximum	89	90	90	83	81	74	74	72	79	82	88	90	82	83	85	85	90	90	86	86	85	86	86	87	87	88	88	90	86	85	84.9
	Minimum	65	61	65	66	60	56	51	58	57	64	68	66	59	63	68	68	70	71	68	62	62	71	71	71	73	72	73	73	73	59	65.8
Waldron	Maximum	91	87	87	89	86	76	80	78	90	92	90	87	90	91	93	94	94	94	97	91	95	93	95	94	97	96	95	95	93	91	90.7
	Minimum	67	65	70	72	66	59	53	58	65	66	65	68	64	75	68	68	68	70	70	65	71	75	74	74	66	67	64	66	67	67	67.1
Warren	Maximum	91	90	90	92	93	85	83	91	91	94	92	92	90	92	94	96	97	98	98	91	99	98	98	95	96	98	100	98	95	96	93.8
	Minimum	70	69	70	71	72	68	57	58	67	69	70	71	70	74	74	73	75	76	73	71	70	79	76	76	73	67	70	70	69	70	70.6
White Rock	Maximum	82	80	77	79	78	75	70	69	80	84	83	78	80	80	83	84	86	85	88	79	86	85	87	86	86	86	86	88	86	85	82.0
	Minimum	66	66	64	66	57	54	54	55	56	67	67	62	58	64	69	68	70	70	65	66	66	72	71	65	68	76	71	72	73	68	65.5
Wilson	Maximum	92	91	92	93	90	83	79	87	81	91	93	89	85	91	92	95	98	97	93	91	96	98	98	96	94	97	98	98	94	92	92.1
	Minimum	70	68	69	69	70	66	53	54	60	69	71	67	70	72	68	72	74	75	75	64	60	77	75	76	65	68	70	70	69	71	68.6
Wynne	Maximum	89	88	89	90	80	78	77	85	84	88	90	84	85	99	90	92	95	94	90	77	94	95	94	91	92	95	96	96	93	92	89.4
	Minimum	70	70	71	72	71	66	58	58	60	65	71	72	70	71	72	71	75	76	73	66	63	69	75	77	67	69	71	73	71	71	69.5

Daily River Stages for June, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	13.5	12.5	11.8	10.8	10.3	10.1	10.6	10.8	10.5	13.0	14.0	13.0	14.0	16.9	15.8	19.1	16.5	13.6	11.9	11.0	10.4	10.2	10.1	13.4	13.4	11.6	9.8	9.5	8.8	9.2
Van Buren	do	22	13.6	12.4	11.6	10.7	10.2	10.0	10.3	10.5	10.3	12.4	14.2	13.0	14.5	17.3	19.5	20.0	17.2	14.1	12.1	10.9	10.2	10.0	9.7	13.4	13.7	11.8	9.6	9.3	8.5	8.8
Danville	Petit Jean	20	8.0	7.1	5.3	5.0	3.9	7.3	16.6	12.5	7.0	15.1	11.2	8.1	7.9	18.0	20.2	19.8	15.0	8.6	6.6	5.2	4.9	4.6	4.4	4.0	3.9	3.7	3.4	3.3	3.2	3.0
Ozark	Arkansas	22	10.3	9.1	8.2	7.4	6.5	8.5	6.8	6.8	7.2	7.0	10.5	10.5	10.9	14.0	15.2	16.5	14.5	11.7	9.4	7.9	7.2	6.5	6.2	8.6	9.9	9.2	6.9	5.6	5.2	4.2
Dardanelle	do	22	13.4	12.6	11.4	10.4	9.5	10.5	10.3	9.2	9.3	10.0	10.7	13.4	13.3	17.8	19.0	19.6	19.1	16.4	13.7	11.9	10.2	9.4	8.9	8.4	11.7	12.4	10.9	8.8	7.9	7.4
Morrilton	do	20	9.4	8.8	7.8	6.8	5.9	5.4	4.8	5.6	5.5	6.4	6.6	9.1	9.4	11.9	14.0	15.4	15.4	13.2	10.8	8.8	6.8	5.7	4.8	4.5	6.6	8.1	7.6	5.4	4.0	3.4
Little Rock	do	23	9.8	9.9	9.0	8.1	7.3	6.8	7.1	7.5	6.6	6.8	7.4	7.9	10.0	10.2	13.7	15.2	15.6	14.7	12.5	10.5	8.8	7.4	6.7	6.2	5.9	7.8	8.8	7.8	6.2	5.4
Pine Bluff	do	25	12.4	12.8	12.5	11.4	10.4	9.6	8.8	9.3	9.4	8.7	9.4	9.9	11.7	12.9	14.4	17.6	18.7	17.6	17.1	14.9	12.8	10.9	8.9	8.6	8.0	8.2	10.7	11.3	10.0	8.6
Gilbert	Buffalo	30	4.2	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.8	5.0	4.8	8.0	10.5	6.3	5.4	5.0	4.6	4.4	4.2	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.7	3.7
Black Rock	Black	14	7.0	7.2	7.4	7.2	6.8	6.4	5.8	5.4	5.3	4.8	4.5	4.3	4.4	4.3	4.2	4.3	4.2	4.1	3.8	3.6	3.3	3.2	3.2	3.1	2.9	2.7	2.8	2.7	2.6	2.5
Heber Springs	Little Red	30	4.5	4.3	4.1	3.8	3.7	3.6	3.6	3.6	3.7	3.8	4.1	4.4	4.9	12.9	12.4	8.0	6.6	5.9	5.3	4.9	4.6	4.3	4.1	3.8	3.7	3.7	3.6	3.4	3.1	3.0
Ozark Beach Mo	White	30	1.4	-0.3	-0.2	0.8	-0.4	-0.4	-0.4	1.2	-0.4	-0.4	0.8	-0.4	1.4	-0.4	1.8	6.6	12.2	8.1	4.9	4.8	4.8	5.4	4.8	4.5	1.6	-0.4	-0.4	-0.3	-0.4	-0.2
Cotter	do	21	4.6	4.3	3.7	3.5	3.6	2.7	3.1	3.3	3.4	3.5	3.5	3.3	3.7	3.8	5.9	4.8	6.9	11.9	8.7	6.9	5.5	5.5	6.9	5.8	4.9	3.5	3.5	3.4	3.3	3.3
Calico Rock	do	18	2.9	3.2	2.9	2.2	2.3	2.2	1.6	1.8	1.9	2.0	2.0	2.0	2.6	2.7	4.4	6.4	4.9	9.6	10.0	6.3	5.1	4.6	4.8	4.8	4.5	3.7	2.6	2.4	2.2	2.1
Batesville	do	23	7.5	8.2	8.0	7.6	7.0	7.2	6.7	6.1	6.2	6.4	6.4	6.4	8.6	8.4	7.8	11.1	10.7	10.4	15.6	13.3	10.3	9.7	9.5	9.6	9.3	8.8	8.0	7.0	6.6	6.5
Newport	do	26	6.5	6.2	6.3	6.2	5.8	5.4	5.2	4.5	4.0	3.8	3.6	3.5	3.3	5.0	5.2	5.1	7.9	7.0	9.5	12.6	10.6	8.0	6.6	5.9	5.9	5.6	4.9	3.9	3.2	2.7
Georgetown	do	21	10.5	9.9	9.4	9.0	8.7	8.3	7.9	7.5	7.1	6.8	6.2	5.9	5.9	5.9	8.0	9.6	9.1	9.6	9.7	10.5	12.5	12.5	11.5	10.2	9.1	8.4	7.9	7.4	6.7	5.9
Des Arc	do	24	13.7	13.2	12.5	12.0	11.6	11.2	10.7	10.3	10.0	9.4	9.0	8.5	8.7	8.5	9.0	11.2	11.5	11.7	12.0	12.3	13.6	14.4	14.2	13.2	12.3	11.4	10.8	10.2	9.5	8.6
Clarendon	do	26	20.8	20.2	19.6	18.9	18.2	17.5	17.0	16.8	15.8	15.3	14.8	14.3	14.0	14.0	13.9	14.5	15.4	15.9	16.2	16.4	16.8	17.5	18.1	18.1	17.8	17.1	16.4	15.7	15.1	14.4
St. Charles	do	25	23.1	22.7	22.1	21.5	20.7	19.9	19.0	18.2	17.5	16.8	16.1	15.5	14.9	14.6	14.3	14.3	19.9	15.5	15.8	16.1	16.2	16.5	17.0	17.3	17.3	17.0	16.4	15.8	15.3	14.7
Glenwood	Caddo	..	5.8	5.5	5.5	5.4	5.4	6.0	5.7	5.6	5.5	5.4	5.5	5.4	5.9	5.5	5.4	5.4	5.4	5.4	5.3	5.6	5.4	5.3	5.3	5.2	5.5	5.4	5.3	5.3	5.2	5.2
Arkadelphia	Ouachita	17	7.2	7.2	7.1	6.5	4.9	6.5	6.7	6.6	6.9	6.9	6.2	5.0	6.6	6.6	6.6	6.9	6.9	5.8	4.8	5.4	5.3	5.5	5.4	5.6	4.8	4.6	5.4	5.4	5.4	4.8
Boughton	Little Mo.	20	9.2	7.9	7.4	6.2	5.9	5.4	6.6	7.8	6.4	5.9	5.4	5.2	5.1	4.9	4.7	5.6	5.8	4.8	4.7	4.4	4.4	4.1	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8
Camden	Ouachita	26	12.5	13.5	13.6	12.5	11.2	10.0	9.8	8.8	9.4	9.5	9.3	8.5	7.5	6.3	7.1	7.1	7.7	7.8	7.1	6.1	4.9	5.5	5.6	5.5	5.3	5.2	4.7	4.6	5.0	5.0
Benton	Saline	20	4.7	4.7	4.6	4.5	4.4	4.2	4.2	4.2	4.3	4.3	4.8	5.3	4.9	4.8	5.3	5.1	4.8	4.6	4.4	4.2	4.0	3.9	3.9	3.7	3.6	3.5	3.4	3.4	3.3	3.2
Index	Red	25	16.8	16.2	13.8	12.8	12.2	11.6	11.6	15.6	15.2	13.4	11.0	10.0	9.2	9.0	8.8	10.0	11.2	10.5	9.4	8.6	8.1	8.0	7.4	7.2	7.2	7.1	7.1	7.0	7.2	7.0
Fulton	do	25	20.7	19.9	18.4	16.8	15.0	13.5	11.9	15.8	16.4	14.6	12.3	10.4	9.1	9.5	9.5	10.0	11.5	11.1	9.9	9.0	8.4	8.1	8.3	7.8	7.4	7.1	7.4	7.8	7.5	7.0
Big Lake Outlet	St. Francis	10	7.0	7.2	7.2	7.0	6.8	6.6	6.2	6.0	5.8	5.7	5.6	5.5	5.3	5.2	5.2	5.1	5.0	5.0	5.0	4.5	4.6	5.3	5.0	4.8	4.6	4.6	4.5	4.4	4.3	4.1
St. Francis	do	18	15.9	15.7	15.6	15.5	15.3	15.1	14.9	14.7	14.6	14.6	14.6	14.5	14.5	14.5	14.5	14.5	14.1	13.5	11.7	9.0	6.4	6.1	5.5	4.6	3.8	4.8	4.9	4.1	3.5	3.1
St. Francis L.L.	do	..	21.4	21.4	21.3	21.3	21.3	21.3	21.2	21.0	20.9	20.9	20.8	20.6	20.6	20.6	20.5	20.4	20.3	20.3	20.3	20.2	20.1	20.0	20.0	19.9	19.9	19.8	19.6	19.4	19.2	18.9
Marked Tree	do	17	7.2	7.2	7.2	7.1	7.0	7.0	7.0	6.9	6.8	6.8	6.8	6.7	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0	6.0	5.9
Parkin	do	28	9.0	8.9	8.7	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.1	7.9	7.7	7.5	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.6
Madison	do	32	11.3	11.2	11.2	11.3	11.5	11.6	11.7	11.8	11.6	11.3	10.9	10.3	9.9	9.3	8.8	8.5	8.1	7.8	7.7	7.5	7.4	7.2	7.0	6.8	6.7	6.6	6.4	6.3	6.3	6.2
Helena	Mississippi	42	26.7	27.0	27.4	28.0	28.5	29.0	29.2	29.2	28.8	28.3	27.4	26.4	25.5	24.5	23.7	22.9	22.1	21.8	21.8	22.0	22.1	22.1	22.2	22.2	22.2	22.0	22.3	22.9	23.4	23.9
Arkansas City	do	42	25.7	25.7	25.8	26.0	26.1	26.2	26.3	26.3	26.1	25.9	25.4	24.7	23.9	23.1	22.6	22.1	22.3	22.3	22.2	21.9	21.4	20.8	20.3	19.9	19.6	19.4	19.1	19.4	20.0	20.5

Symbols for Climatological Data Table:--The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record. Departures of precipitation with 15 years or more of record are computed from a normal or "standard mean", adjusted to a uniform 35-year period or stations with 10 to 14 years the means for the period of record are used §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Post office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ^{a}, ^{b}, ^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt. Sparkman; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Route 2, Winslow.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

LITTLE ROCK
SEP 2
1944
3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLIX LITTLE ROCK, ARK., JULY, 1944 No. 7

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GENERAL SUMMARY

Temperatures averaged about one-half degree above normal over the State during July. A few stations in the eastern section were slightly cooler than normal but elsewhere departures ranged from one to more than three degrees above the seasonal average. Practically all stations reported maximum temperatures of 100° or higher during the month. The warmest period prevailed from the 9th to 19th when temperatures exceeded 100° every day at many stations. The coolest period was from the 20th to 23d, Brinkley reporting 49° on the 22d. Sunshine was ample.

Precipitation amounted to 71% of normal over the State. A few stations, particularly in the southwestern section, measured less than an inch during the month, while some stations in the Arkansas River Valley recorded more than five inches. The first three weeks of the month were very dry. At Little Rock there was no measurable rainfall from June 13th to July 20th. Most stations recorded their heaviest rains on the night of the 27-28th, with Devils Knob reporting a fall of 4.20 inches.

A severe windstorm swept over the State on July 27th causing considerable damage in many communities. Thirty buildings were damaged at Fort Smith, a soldier was killed at Camp Robinson, and telephone, telegraph and electric service was disrupted in many sections. About 150 telephone circuits were temporarily out of service in the State.

The dry weather of the first three weeks caused many crops to deteriorate. Many fields of corn were injured beyond recovery but late corn on low land was saved by the rains during the last week. Gardens were severely damaged. Cotton suffered less from the drought. Pastures and meadows were brown during most of the month.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 78 stations, was 81.2°, which is 0.6° above the 54 year average for July. The highest monthly mean was 85.8° at El Dorado and the lowest was 77.5° at White Rock. The highest temperature recorded during the month was 108° at Conway on the 18th, and the lowest was 49° at Brinkley on the 22d.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 106 stations, was 2.61 inches, which is 1.09 inches below the 54 year average. The greatest monthly amount was 6.27 inches at Devils Knob and the least was 0.56 inch at White Cliffs. The greatest amount recorded in any 24 consecutive hours was 4.20 inches at Devils Knob on the 27th-28th.

B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:--5,12,20,24,25,26,27,28,29,30.
Hail:--18,27,30.
Thunderstorms: ----1,2,8,9,10,11,12,13,14,15,16,17,18,20,24,25,26,27,28,29,30,31.
Heavy Fog;--- 1,3,21,26.

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Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.17	5	29.67	26	5.7	42	nw.	27	82	58	52	66	0
Little Rock	29.77	5	29.50	26	7.2	40	w.	27	78	46	47	77	0
Memphis ..	30.20	5	29.76	27	7.2	32	nw.	27	79	49	50	74	0

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	6	17	9	5
1895	78.9	104	55	7.34	0	12	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82.0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	42	3.55	0	8	17	9	5
1927	79.6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	48	6.00	0	11	12	11	8
1932	82.5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2.32	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
1938	82.0	109	59	3.74	0	7	14	11	6
1939	82.0	110	55	3.34	0	7	19	8	4
1940	78.4	103	48	4.14	0	8	13	9	9
1941	81.2	105	53	4.82	0	9	13	12	6
1942	81.1	105	53	1.39	0	3	17	11	3
1943	82.9	110	47	1.13	0	4	17	11	3
1944	81.2	108	49	2.61	0	5	16	11	4
Period	80.6	116	40	3.70	0	7	15	11	5

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Climatological Data for July, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	79.8	......	104	16	55	23	5.60	......	2.89	26	0.0	5	10	18	3	w.	L. R. Water Works
Arkadelphia	Clark	200	48	83.7	+2.8	106	17	58	22	2.55	−1.22	1.18	27−28	0.0	7	11	15	5	sw.	George S Dews
Arkansas City	Desha	145	59	......	......	......	......	......	......	1.75	−1.91	1.51	28	0.0	4	26	3	2	......	John W. Trammell
Batesville Airway	Independence	363	7	80.9	+0.8	105	15	52	22	1.68	......	0.71	27−28	0.0	8	15	11	5	nw.	Airway Observer
Batesville Livestk.	Independence	....	3	78.8	......	103	10§	50	22	3.19	......	1.54	26	0.0	4	11	19	1	ne.	University of Arkansas
Batesville River	Independence	277	44	......	......	......	......	......	......	2.64	−0.93	1.00	25−26	0.0	9	23	3	5	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	81.8	+1.1	103	15§	56	5§	2.08	−1.44	1.70	27−28	0.0	4	17	12	2	w.	Miss Minnie Scanlan
Benton	Saline	285	8	79.8	......	105	18§	52	22§	3.68	......	1.75	27−28	0.0	6	25	5	1	se.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	81.3	+3.3	100	18	60^{d}	21	2.38	−1.02	1.78	26−27	0.0	5	11	18	2	s.	E. L, Browne
Bethesda †	Independence	500	4	78.2	......	103	11	50	22	2.58	......	1.31	26	0.0	4	16	11	4	ne.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	......	......	......	......	......	......	3.63	−0.23	1.99	26−27	0.0	7	15	11	5	......	N. W. Douglas
Black Rock	Lawrence	259	42	......	......	......	......	......	......	2.38	−1.26	1.54	25−26	0.0	8	25	0	6	......	Vernon C. Howe
Bluff City	Nevada	....	3	83.2	......	104	19	59	21§	0.93	......	0.40	25−26	0.0	6	14	14	3	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	79.1	−2.5	100	9§	55^{c}	22	2.63	−0.78	1.70	29	0.0	6	22	7	2	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	81.3	−1.3	103	10§	56	6	3.12	−0.05	1.14	27−28	0.0	6	10	20	1	ne.	F. H. Randolph
Boughton †	Clark	235	8	......	......	......	......	......	......	1.16	......	0.78	27	0.0	2	21	7	3	......	Katie B. Moore
Brinkley	Monroe	205	52	80.2	−1.0	104	10§	49	22	1.13	−2.78	0.82	27−28	0.0	5	8	13	10	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	39	......	......	......	......	......	......	3.52	−0.03	1.20	11	0.0	8	14	5	12	......	William Jones
Camden	Ouachita	116	58	82.9	+1.5	106	18	56	22	1.68	−2.42	1.01	27−28	0.0	3	10	21	0	s.	J. M. Knight
Camp Robinson	Pulaski	463	3	81.5	......	105	18	55	23	3.49	......	2.65	27−28	0.0	5	15	12	4	se.	U. S. Army
Clarendon	Monroe	172	39	......	......	......	......	......	......	1.42	−2.10	0.60	27−28	0.0	6	13	7	11	......	B. F. Northern
Conway	Faulkner	309	60	83.3	+1.3	108	18	55	22	3.58	+0.04	2.80	27−28	0.0	4	21	9	1	s.	E. E. Cordrey
Corning	Clay	293	50	80.4	+0.3	103	18	50	22	2.02	−1.66	1.25	26	0.0	5	17	7	7	sw.	Richard C. Polk
Cotter	Baxter	440	16	......	......	......	......	......	......	1.63	−1.42	0.71	27−28	0.0	5	17	12	2	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	81.7	+0.1	106	18	54	22	2.47	−2.32	2.47	30−31	0.0	1	20	8	3	s.	U. S. Forest Service
Danville	Yell	327	27	......	......	......	......	......	......	5.08	+1.89	1.94	27−28	0.0	6	12	14	5	......	J. M. Patterson
Dardanelle	Yell	330	57	83.6^{b}	+1.5	105^{b}	18	60^{b}	23	4.08	+0.68	1.77	27−28	0.0	5	4	22	5	e.	Geo. N. Goodier
DeQueen	Sevier	426	8	81.2	......	100	19	60	21	2.57	......	0.81	12	0.0	7	12	18	1	......	L. D. McCown
Des Arc	Prairie	204	5	80.8	......	102	11	53	22	1.93	......	1.16	27−28	0.0	6	11	12	8	ne.	Z. R. Glenn
Devils Knob †	Johnson	2350	7	78.4	......	95	15§	59	21	6.27	......	4.20	27−28	0.0	7	25	1	5	sw.	U. S. Forest Service
Dumas	Desha	162	38	83.7	+1.4	107	17	54	22	1.71	−2.39	1.31	27−28	0.0	5	2	26	3	n.	Ben Johnson
El Dorado	Union	270	43	85.8	+3.5	104	18	66	5§	2.84	−1.70	1.75	13	0.0	5	24	6	1	s.	Mrs. E. W. Gaston
England	Lonoke	229	37	81.6^{c}	0.0	105^{c}	18	58^{g}	22§	2.24	−0.83	1.50	28	0.0	4	16	13	2	sw	O. V. Halbrook
Eureka Springs	Carroll	1465	43	79.2	+0.3	101	16	55	21	2.56	−1.24	1.97	26	0.0	6	26	5	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	6	78.8	......	98	16§	55	21§	2.22	......	0.78	27−28	0.0	8	5	22	4	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	56	78.4	−0.4	99	16§	53	21§	2.21	−1.58	1.28	27−28	0.0	8	13	18	0	sw.	University of Arkansas
Fordyce	Dallas	280	3	83.6	......	106	17	59	22	2.26	......	1.00	24	0.0	5	10	21	0	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	82.7	+1.2	101	10	65	27	2.28	−1.09	0.78	27−28	0.0	6	6	19	6	e	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	......	......	......	......	......	......	3.20	......	1.77	27−28	0.0	5	18	10	3	......	Ft. Smith Water Plant
Fulton	Hempstead	260	58	......	......	......	......	......	......	2.50	−1.08	0.85	28−29	0.0	6	5	21	5	......	Ina J. Logan
Garland	Miller	225	1	......	......	......	......	......	......	1.42	......	0.74	12	0.0	3	8	0	23	......	L. D. Denney
Georgetown	White	200	31	......	......	......	......	......	......	1.87	−1.39	1.45	27	0.0	4	27	1	3	......	C. G. Long
Gilbert	Searcy	600	18	77.6	......	104	17	50	23	1.57	−1.49	0.45	17	0.0	7	25	1	5	s.	F. E. King
Glenwood	Pike	547	8	......	......	......	......	......	......	1.51	......	1.02	28	0.0	5	22	5	4	......	Chas. A. Price
Grannis	Polk	950	24	81.8	+2.5	107	18	58	21	2.09	−2.64	1.03	27	0.0	6	11	14	6	se.	W. E. McVay
Gravette	Benton	1250	46	79.1	+0.8	1 0	16§	51	21	1.36	−2.27	0.77	26	0.0	5	12	18	1	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	81.2	......	109	10	58	21	2.10	......	0.50	12	0.0	6	13	14	4	s.	U. S. Forest Service
Harrison	Boone	1052	43	78.6	+0.6	102	16	50	22	0.71	−2.82	0.35	27−28	0.0	6	23	8	0	sw.	J. M. McGaughey
Heber Springs (near)	Cleburne	272	14	......	......	......	......	......	......	1.54	−2.22	1.42	27−28	0.0	3	17	11	3	......	Lester B. Logan
Helena	Phillips	300	71	80.8	−0.6	101	18	57	22	3.06	−0.85	1.50	27−28	0.0	7	18	8	5	ne.	James A. Burnett
Highland	Pike	491	24	......	......	......	......	......	......	....	......	....	......	......	......	......	......	......	......	Clyde Cooley
Hope 3 miles e ‡‡	Hempstead	375	73	82.8	+1.1	105	18	59	21	1.88	−2.56	0.56	26	0.0	8	5	18	8	sw.	University of Arkansas
Hot Springs	Garland	600	52	84.6	+2.4	105	11§	60	22	2.84	−1.34	1.28	27−28	0.0	5	24	6	1	s.	National Park Service
Index †	Little River	275	26	......	......	......	......	......	......	1.00	−3.18	0.45	30	0.0	3	29	0	2	......	W. E. McDowell
Jessieville	Garland	750	17	......	......	......	......	......	......	5.24	+1.69	1.60	27−28	0.0	6	7	24	0	sw.	U. S. Forest Service
Jonesboro	Craighead	345	48	81.4	+0.2	102	10	56	22	1.51	−1.80	0.78	26	0.0	8	17	7	7	ne.	Benedictine Sisters
Lead Hill	Boone	650	37	78.8	−1.3	103	16§	51	21	2.58	−1.21	1.16	18	0.0	7	24	7	0	sw.	J. H. Crosswhite
Little Rock	Pulaski	257	64	82.7	+1.8	105	18	58	22	3.35	−0.15	2.44	27−28	0.0	5	12	13	6	sw.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	79.9	−0.4	100	16	56	22	5.34	+1.76	3.10	27−28	0.0	6	19	8	4	e.	Clarence Lenhardt
Madison	St. Francis	209	13	......	......	......	......	......	......	3.30	−0.30	2.00	26	0.0	3	9	5	17	......	J. W. Eppes
Magnolia	Columbia	315	27	82.2	−0.4	104	18	59	21	2.47	−1.72	0.86	13	0.0	5	2	29	0	sw.	State Agri School
Mammoth Spring	Fulton	600	39	79.4	+0.4	101	9§	50	22	2.40	−1.21	0.85	30	0.0	7	22	9	0	sw.	Ray H. Hall
Marianna	Lee	235	32	80.4	−0.8	104	10	50	22	2.83	−0.68	1.75	27−28	0.0	6	7	17	7	s.	University of Arkansas
Marked Tree	Poinsett	229	39	79.8	−1.2	102	11	53	22	2.30	−1.43	1.02	27	0.0	5	21	10	0	s.	Charles Walton
Marshall	Searcy	1050	..	79.6	+0.6	101	10§	54	22	1.82	−1.83	0.64	26	0.0	9	12	19	0	sw.	W. F. Reeves
Mena	Polk	1207	55	80.0	−0.3	100	18	56	21	1.86	−2.11	1.72	27−28	0.0	7	9	17	5	sw.	E. W. St. John
Monticello	Drew	273	3	82.8	......	104	18§	60	23	2.48	......	1.59	31	0.0	4	14	15	2	s.	Airway Observer
Morrilton †	Conway	315	27	81.8	−0.8	106	16	54	22	4.06	+1.64	2.20	27−28	0.0	5	8	13	10	se.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	6	......	......	......	......	......	......	3.47	......	1.30	26	0.0	6	20	10	1	s.	C. A. Lovell
Mountain Home †	Baxter	800	31	80.6	+1.3	101	9§	50	22	1.73	−1.91	0.90	26	0.0	6	21	8	2	nw.	H. N. Haibert
Mountain Valley	Garland	788	6	......	......	......	......	......	......	....	......	....	......	......	......	......	......	......	......	C. A. Cockman
Mount Ida	Montgomery	702	44	80.2	+0.4	103	19	53	6§	2.02	−1.56	0.93	27−28	0.0	5	10	2	19	w.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	......	......	......	......	......	......	3.22	......	1.11	26	0.0	7	17	8	6	......	H. G Arvin
Nashville	Howard	350	5	82.8	......	103	18	60	22	1.57	......	0.72	27	0.0	6	30	0	1	s.	Carter Day
Newport	Jackson	231	60	82.0	+6.6	104	10	52	22	1.71	−1.56	0.82	27−28	0.0	4	12	13	6	sw.	W. T. Moyer
Nimrod Dam	Perry	475	2	81.2	......	105	15§	54	22	5.55	......	2.62	27−28	0.0	4	24	6	1	w.	U. S. Engineers
Oden	Montgomery	800	16	82.5	......	103	17	57	22	2.50	−0.84	0.55	20	0.0	5	15	9	6	s.	U. S. Forest Service
Okay	Howard	288	15	83.4^{a}	+0.6	105^{a}	18	58^{a}	21	1.51	−2.34	0.80	14	0.0	7	14	15	2	sw.	Charles R. Jackson
Osceola	Mississippi	250	43	......	......	......	......	......	......	3.05	−0.41	1.80	26−27	0.0	5	25	4	2	......	G. M. Serey
Ozark	Franklin	396	48	80.8	−1.3	101	16	60	6§	4.05	+0.87	1.52	28	0.0	6	9	14	8	se.	Orkney O. Milton
Paragould	Greene	275	20	80.0	......	102	10§	51	22	4.68	+1.47	1.95	26−27	0.0	6	25	5	1	se.	J. E. Garrett
Parkin	Cross	222	13	......	......	......	......	......	......	1.98	−1.72	1.08	27−28	0.0	3	17	9	5	......	Carroll King
Perryville	Perry	325	4	80.2	+0.4	105	10	52	22	5.85	+1.60	2.53	27−28	0.0	5	17	11	3	sw.	Lillie Cranford
Pine Bluff	Jefferson	215	56	85.1	+2.7	106	17	59	22	2.43	−1.24	1.35	28	0.0	3	13	16	2	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	19	......	......	......	......	......	......	1.90	−2.07	1.13	27−28	0.0	5	19	9	3	sw.	J. R. Huddleston
Pocahontas	Randolph	300	50	81.3	+0.7	102	10§	53	22	2.49	−1.59	0.78	30	0.0	7	18	11	2	ne.	Benedictine Sisters
Portland	Ashley	122	37	84.4	+2.7	107	17§	58	22§	1.10	−2.96	0.70	28	0.0	2	14	16	1	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	85.2	+2.9	106	19	61	21	1.84	−1.51	1.07	27−28	0.0	8	19	10	2	sw.	W. R. Hambright
Rogers	Benton	1300	53	78.0	+0.1	97	16§	53	21	3.23	−0.53	2.04	26−27	0.0	5	14	15	2	sw.	Howard Fowler
Rosebud	Faulkner	680	9	......	......	......	......	......	......	1.88	......	1.28	27	0.0	5	12	16	3	ne.	G. A. Maddox
Russellville ‡‡	Pope	526	31	82.0	+0.5	102	16§	57	22§	2.96	−1.26	1.50	28	0.0	4	9	21	1	s.	U. S. Forest Service
St. Charles	Arkansas	175	10	83.2	......	105	10	55	22	1.80	......	1.03	27−28	0.0	6	18	11	2	s	U. S. Biological Survey
St. Francis	Clay	290	16	......	......	......	......	......	......	2.21	−2.17	0.80	29−30	0.0	6	24	0	7	......	W. S. Buckley
Searcy	White	245	33	82.0	+0.7	103	18	55	22§	1.56	−1.45	0.78	27−28	0.0	6	27	2	2	se	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	79.8	......	103	17	52	22	4.22	......	2.77	27−28	0.0	6	4	25	2	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	78.0	......	99	16§	51	21	2.94	......	1.72	27−28	0.0	7	6	25	0	s.	John Brown University
Story	Montgomery	650	19	......	......	......	......	......	......	2.17	−1.43	1.42	27	0.0	3	25	6	0	s.	S. C. Story
Stuttgart	Arkansas	214	56	82.8	+1.5	103	18	57	22	3.91	+0.07	1.84	30−31	0.0	5	15	12	4	ne.	Geo. L. Clark
Stuttgart 9 miles e ‡‡	Arkansas	198	8	80.4	......	102	18	52	22	2.15	......	1.71	27	0.0	6	......	......	......	......	University of Arkansas
Subiaco	Logan	750	45	....	......	104	16	60	20	5.27	+2.10	2.43	26	0.0	5	26	0	5	s.	New Subiaco Abbey

Climatological Data for July, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	59	84.0	+ 1.2	105	18	62	21	0.67	−3.01	0.50	29	0.0	4	8	16	7	s.	U S. Weather Bureau
Turnpike†	Pope	2240	19	77.8	......	95	15§	57	21	3.76	+0.37	2.50	27−28	0.0	9	21	7	3	sw.	U. S. Forest Service
Waldron	Scott	675	24	80.4	......	102	17	56	26	2.75	−0.26	1.22	27−28	0.0	5	6	24	1	sw.	William D. Bivens
Warren	Bradley	206	49	84.4	+ 2.1	105	17§	57	22	1.07	−2.94	0.80	27−28	0.0	4	13	13	5	ne.	C. N. Turner
Whitecliffs	Little River	290	37	....	......	......	......	......	......	0.56	−2.26	0.56	29	0.0	1	26	5	0	......	L. M. Snead
White Rock†	Franklin	2285	7	77.5	......	96	31	59	29	3.03	......	2.08	26−27	0.0	5	24	7	0	se.	U. S. Forest Service
Wilson	Mississippi	237	18	79.4	− 1.4	100	9§	51	22	3.90	+0.30	1.50	27	0.0	5	16	0	15	s.	D. O. Anderson
Wynne	Cross	167	35	78.6	− 2.4	100	12	56	22	2.17	−1.51	1.19	26	0.0	3	19	7	5	......	Mrs. Claudia A. Ford
State Means	......	....	..	81.2	+ 0.6	108	18	49	22	2.61	−1.09	4.20	27−28	0.0	5	16	11	4	sw.	

Daily Precipitation for July, 1944

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott [2]	Arkansas	.02											.20									1.20					.40		1.24	.06			3.12
Alum Fork Reser.	Arkansas								T.												.50					.17	2.89	.35	1.69				5.60
Aplin [2]	Arkansas																					.59					1.37		3.55				5.51
Arkadelphia [2]	Ouachita	.02												.54					.05			.03					.51	.22	1.18		T.		2 55
Arkansas City [2]	Mississippi													.11						T.	T.					T.		.06	1.51	.07			1.75
Augusta [2]	White												T.						.05			.04					.27	.07	2.30	.04		.37	3.14
Batesville Air'y [1]	White									.07	T		T.						.10		.20				T.	.03	.54	.45	.26		.03		1.68
Batesville Livestk [2]	White																			.57		.21			T.	T.	1.54	T	.87				3.19
Batesville River [2]	White										.02	.02	T.							.05		.18				.54	1.00	.06	.65			.12	2.64
Beaty Lake	St. Francis							T.		T		.06									.02						1.07	.68	.60		.34		2.77
Bee Branch	Arkansas																	.23			.15						T.	.25	1.45				2.08
Beech Grove	White																																....
Beedeville [2]	White											T.	T										.02				1.31		2.60			.09	4.02
Benton [2]	Saline									.10									.05			.36					1.42	.10	1.65				3.68
Bentonville [2]	Arkansas											.04	.12								.34					T.	T.	1.78	.10				2.38
Bethesda [2]	White																			.44		.18			T.	T.	1.31		.65				2.58
Big Lake Outlet [2]	St. Francis										.16											.09					.19	1.80	.45	T.	.70	.24	3.63
Black Rock [2]	White												.18						.09		.08	.10					1.54	.20	.11			.08	2.38
Bluff City	Ouachita																				.05						.40	.10	.24	.06		.08	0.93
Blytheville [2]	St Francis										.02											.19					.08	.63	.01		1.70		2.63
Booneville 3 mi- w	Arkansas	.08											.24								.80						.86	.35	.79				3.12
Booneville [2]	Arkansas	.10											.35									.70					.55		1.38				3.08
Boughton [2]	Ouachita																										.38		.78				1.16
Brinkley [1]	White											T.	.06					T.			.23					T.	.02	.25	.57	T.	T.		1.13
Burdette	Mississippi																				.17						.38	2.00			1.54		4.09
Calico Rock [2]	White										T		1.20					.01		.95		.12					.40	.09	.60			.15	3.52
Camden [2]	Ouachita													.01														.66	1.01				1.68
Camp Robinson [1]	Arkansas																				.16				.06		.62	.09	2.56		T.		3.49
Carlisle [2]	Arkansas																																....
Clarendon [2]	White												.02						.10			.20						.09	.60			.41	1.42
Cold Springs [2]	Ouachita																																....
Conway	Arkansas																				.31						.47	1.11	1.69				3.58
Corning [2]	White										.10									T.		.05				T.	.60	.65	T			.62	2.02
Cotter [2]	White																	.15		.19		.06				T.	.52		.71				1.63
Crossett	Ouachita																															2.47	2.47
Crystal Valley [2]	Arkansas																				.22						1.53	.34	1.98				4.07
Cummins Farm	Arkansas												.05								T.				.13		.50		1 10				1.78
Danville [2]	Arkansas	.57											.11									.50					1.96	.16	1.78				5.08
Dardanelle [2]	Arkansas	.11											.26									.49					1.45		1.77				4.08
Denmark [2]	White																																....
De Queen	Red												.81		.01	.29			.78		.30							.27		.11		T.	2.57
Dermott [2]	Mississippi	.19					T.							.17					T	.08		T							1 06		T.		1.50
Des Arc [2]	White												.04						.50			.11					T.	.11	1.16			.01	1.93
Devils Knob	Arkansas												.17					.71			.29						.85	.05	4.15		.05	T.	6.27
Dumas	Mississippi												T						.17		.01					T.	.22	.46	.85				1.71
Eagle Gap [2]	Arkansas												.12				T.					.60					T.	.76	1.21	T			2.69
El Dorado [2]	Ouachita														1.75											.18		.40	.47		.04		2.84
Eleven Point	White										.67		.08							T.		.05					.36	.09	.02		.49		1.76
England	Arkansas						T																				.45	.22	1.50		.07		2.24
Eureka Springs	White												.03					.18			.20						1.97	.03	.15				2.56
Evening Shade [2]	White										.02		.12							.03		.15					1.50	.53	.45			.26	3.06
Fayetteville	White	T.	.18									T.	.02				T.		.26		.21				T	.01	.67	.09	.78				2.22
Fayetteville Exp. S	White											T.	.02						.13		.19				.02	.02	.50	.05	1.28				2.21
Fordyce	Arkansas												T.						.17		T.				1.00		.37	.10	.62				2.26
Forester [2]	Arkansas																		.48			.12						.09	.74				1.43
Fort Smith [1]†	Arkansas											.33							.43		.37					T.	.37	.37	.41	T.			2.28
Fort Smith W. [1]	Arkansas											T.	T.					.17	T.		.37						.89	.33	1.44				3.20
Fulton [2]	Red	.18													.67							.13					.35		.32	.85	T.	T.	2.50
Garland [2]	Red													.74						.11		T								.57	T.		1.42
Georgetown [2]	White																					.12						.25	1.45	T.		.05	1.87
Gilbert [2]	White												04						.45	.25		.25					.33		.18	.07			1.57
Glenwood [2]	Ouachita																				.09		.26				.07		1.02	.07			1.51
Grannis	Red	.05													T.	.38		T			.34				T		.11	1.03	.13	.05	T	T.	2.09
Gravelly [2]	Arkansas																					1.04					56		1.03				2 63
Gravette	Arkansas											.09									.31						.77	.02	.17				1.36
Green Forest	White																		T		.17					.06	.30	.05	.08	.05			0.71
Green Mountain	White												.50								.20						.50	.25	.20		.45		2.10
Greenwood [2]	Arkansas	.35											.35							T.		.90					.29		1.36	.10			3.35
Harrisburg [2]	St. Francis										.35							.06								.50	.25		.85			.15	2.16
Harrison	White											T.							.06		.15						.10	.26	.09	.05			0.71
Heber Springs [2]	White																					.12							1.40	.02			1.54
Helena [2]	Mississippi																			.04		.05				.02		.38	1.12	.05		1.40	3.06
Henderson [2]	White												.09									.05				.66	.57	.15	.33				1.85
Highland	Ouachita																																....
Hollis	Arkansas																				.82							1.38					2 20
Hope [2]	Red	.02	T.											T.	.19	.36				T.		.10					.56		.53	.03	.09		1.88
Hot Springs	Ouachita																				.48						1.00	.33	.95			.08	2.84
Huttig [2]	Ouachita														.23												.25	.08	.94				1.50
Index [2]	Red	.30																				.25									.45		1.00
Jessieville	Ouachita																1.10				.28						1.30	.76	1.60			.20	5.24
Jonesboro [2]	White										.03									.01		.04					.42	.78	.11	.03		.09	1.61
LaCrosse [2]	White												.21									.17					.90	.22	1.22		.74		3.46

Daily Precipitation for July, 1944 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Lake City[2]	St. Francis													T.								.05						.98		.67		.27	1.97
Lead Hill	White							T.											1.16		.07				.25	.02	.44	.49	.15				2.58
Little Rock[1‡]	Arkansas										T.		T.					T.			.20				T.	.01	.70	.29	2.15		T		3.35
Lutherville	Arkansas												.80				T.	.20			.24						1.00	.15	2.95		T		5.34
Madison[2]	St. Francis											T.																2.00	.15			1.15	3.30
Magnolia	Red												.04	.86													.82		.49	.26			2.47
Mammoth Spg[2]	White									.58			.05						.10			.05					.25		.52			.85	2.40
Marianna[2]	St. Francis																			.08		.05					.40		1.75			.55	2.83
Marked Tree[2]	St. Francis																					.19					.26	1.02	.72			.11	2.30
Marshall	White							T.				T.	.09					.04	.40		.29						.64	.07	.21	.02	.06		1.82
Marvell[2]	White																																....
Mena[2]	Ouachita	.45															.04				T.	.59					.04		.72	.01	.01		1.86
Monticello[1‡]	Ouachita																								.01		T.	.11	.77			1.59	2.48
Morobay[2]	Ouachita																											.12	.88				1.00
Morrilton[2]	Arkansas												.02									.44				.89	.51		2.20			T.	4.06
Mountainburg	Arkansas												.06					.12			.44						1.30	.27	1.28				3.47
Mountain Home	White																	.10	.25		.08			T.			.90	.10	.30				1.73
Mountain Valley	Ouachita																																....
Mountain View[2]	White												T.									T				T	.87	.11	.56			T	1.54
Mount Ida	Ouachita																				.27						.73	.12	.81			.09	2.02
Mulberry[2]	Arkansas	.10	.47										.11						.08			.25					1.11		1.10				3.22
Nashville	Red												T.		.15				.33		.16							.72	.13	.08		T.	1.57
Newhope[2]	Ouachita																					.48							.33		.14		0.95
Newport[2]	White																					.06					.77		.82			.06	1.71
Nimrod Dam	Arkansas																				.65						2.28	.37	2.25		T.		5.55
Odell[2]	Arkansas	.03											.02									.34					1.22		1.36				2.97
Oden	Ouachita																				.55						.36	.41	1.00	T	.18		2.50
Okay	Red														.80					.04	.15	.02					T	.25	.13	.12			1.51
Osceola[2]	Mississippi										T.											.20					.10	1.80	.03	T.	.92	T.	3.05
Ozark[1]	Arkansas	.90											.28						.10			.28					.97		1.52				4.05
Paragould	St. Francis									T.											.11					.23	.80	1.95	.06		1.53		4.68
Parkin[2]	St. Francis																										.45		1.08	T.		.45	1.98
Perryville	Arkansas																				.52				1.61	1.19		.77	1.76				5.85
Pine Bluff[2]	Arkansas																					T.					.07	1.01	1.35				2.43
Pine Ridge[2]	Ouachita	.24																			.42						.08		1.13	.03			1.90
Pocahontas	White									.35											.06					.33	.30	.58	.09		.78		2.49
Portland[2]	Ouachita																													.70		.40	1.10
Prescott[2]	Ouachita	.23												.04	T.					T.		.06				.04	.31	.01	1.07		.08		1.84
Red Star	White											.32						1.32									1.14						2.78
Rogers	White											T.	.18								.26						1.98	.06	.75				3.23
Rosebud	Arkansas												.12							.16							.22	1.28			.10		1.88
Russellville	Arkansas	T.																			.49						.83	.14	1.50		T.		2.96
St. Charles[2]	White																		.13		.12						.19		1.03		.02	.31	1.80
St. Francis[2]	St. Francis										.78											.05					.15	.43			.64	.16	2.21
Searcy[2]	White																		.04			.06					.19	.03	.75			.49	1.56
Sheridan	Ouachita												.26					T.		.05	.12					T	1.02	1.12	1.65			T.	4.22
Shirley[2]	White																		.40			.23					.16		3.45	T.			4.24
Siloam Springs	White	.22										.05	T.				T.				.27				T.	.02	.66	.05	1.67				2.94
Sparkman	Ouachita												.02						.18		T.						.84	.09	.41				1.54
Stamps	Red																				T.						.81		.30	.56			1.67
Stephens[2]	Ouachita																																...
Steve[2]	Arkansas																					.49					1.59	.41	1.20				3.69
Story[2]	Ouachita										.09										.66							1.42					2.17
Stuttgart[2]	Arkansas											.15										.25					.02	1.65				1.84	3.91
Stuttgart Evap[2]	Arkansas												.06									.13					.02	.10	1.71			.13	2.15
Subiaco	Arkansas												.28								.58						2.43	.64	1.34				5.27
Sugar Grove[2]	Arkansas	.99											.17									.71					1.27		1.65				4.79
Texarkana[1‡]	Red												T.								.08						T	.06	T	.50	T.		0.67
Tichnor[2]	White																					.16						2.20	1.10			.88	4.34
Turnpike	Arkansas												.16				.18	.14	.14		.22						.39	.06	2.44		.03		3 76
Viola[2]	White																										.51	.95	.28				1.74
Waldron[2]	Arkansas												.09					T.			1.07				T.		.37	.27	.95				2.75
Walnut Grove	White										T.			T.	.03						.16					T.	1.16		.21		T		1.53
Warren	Ouachita												.24						T.		T						.03	.12	.68	T.		T.	1.07
Whitecliffs[2]	Red																										T.		T.	.56			0.56
White Rock	Arkansas	.55											.14						T.		.26					T.	2.02	.06					3.03
Wilson[2]	Mississippi										1.30											.20					.60	1.50	.30				3.90
Wynne[2]	St. Francis																					T.					1.19		.93		T	.05	2.17

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for July, 1944

(See precipitation data in table on preceding page)

Station	Data	Day of month																														Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Bethesda §§	Evap.	.229	.387	.220	.330	.418	.303	.304	.351	.321	.245	.258	.327	.302	.456	.232	.452	.255	.288	.479	.314	.100	.172	.380	.349	.147	...	.335	.364	.196	.012	.342	8.868
	Mean tem.	78	73	76	72	72	73	77	82	85	86	86	84	78	78	79	82	86	86	78	72	69	70	74	78	81	82	81	76	81	78	75	78.2
	Wind move	26	35	35	44	47	43	33	28	21	42	28	50	50	39	39	27	29	52	55	41	42	34	13	33	27	70	67	35	37	49	12	1186
Hope, Exp. Farm §§	Evap.	.300	.265	.338	.312	.318	.128	.290	.308	.337	.331	.317	.471	.358	.264	.332	.220	.334	.332	.275	.345	.157	.231	.314	.267	.229	.358	.156	.333	.243	.265	.087	8.815
	Mean tem.	82	82	78	79	76	77	79	85	86	86	86	86	89	86	86	86	86	86	88	86	80	75	77	84	88	86	86	80	82	82	84	82.8
	Wind move	35	26	47	16	50	16	35	31	61	34	49	43	56	25	32	18	32	11	40	42	60	25	26	14	51	59	22	57	32	44	20	1109
Nimrod Dam	Evap.	.210	.276	.273	.278	.290	.286	.282	.338	.395	.339	.415	.297	.348	.268	.350	.356	.382	.292	.360	.210	.140	.278	.328	.262	.280	.324	....	.283	.276	.165	.153	8.734
	Mean tem.	82	78	78	80	74	74	80	84	85	88	86	84	82	81	86	87	86	86	85	74	74	72	76	80	88	80	82	72	83	84	83	81.2
	Wind move	9	9	12	14	16	15	22	24	35	14	24	22	13	7	20	13	19	12	26	14	6	14	13	26	33	36	15	27	16	7	3	536
Russellville	Evap.	.152	.196	.358	.240	.338	.320	.226	.350	.286	.354	.236	.266	.246	.256	.306	.276	.290	.300	.320	.110	.252	.258	.270	.210	.284	.178	.162	.214	.326	.150	.180	7.910
	Mean tem.	82	79	78	76	76	76	79	84	85	86	88	84	81	87	86	86	86	87	88	78	79	74	76	80	88	82	84	84	85	80	84	82.0
	Wind move	10	9	13	15	31	13	11	11	12	17	13	22	13	12	9	11	17	20	21	9	10	15	13	14	23	19	12	24	15	9	11	454
Stuttgart, Rice Exp. Farm §§	Evap.	.285	.301	.248	.260	.247	.283	.194	.265	.258	.311	.303	.407	.373	.190	.275	.389	313	.268	.314	.309	.212	.170	.281	.281	.350	.259	.117	.240	.139	.240	.190	8.182
	Mean Tem.	82	78	79	75	76	74	78	81	84	86	86	85	84	84	82	83	84	86	85	78	74	72	74	81	85	81	84	76	80	80	77	80.4
	Wind move	45	34	36	43	61	50	28	13	111	56	37	79	46	45	13	22	18	28	37	26	35	29	9	36	53	123	73	104	43	51	73	1457

Daily Temperatures for July, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	93	94	93	90	88	91	95	96	100	100	99	98	95	97	101	104	99	100	98	95	86	90	95	96	95	95	97	90	95	97	95	95.4
	Minimum	65	66	64	68	57	56	56	67	68	68	67	71	68	66	63	66	66	68	66	61	56	70	55	61	68	64	65	58	65	68	64	64.2
Arkadelphia ....§§	Maximum	98	98	98	94	92	94	98	98	101	105	105	105	99	99	103	105	106	105	109	90	94	96	101	98	100	96	104	95	100	89	96	99.1
	Minimum	71	69	62	63	64	61	63	69	70	74	72	74	73	73	72	69	69	71	70	73	60	58	60	66	72	76	74	64	64	73	71	68.4
Batesville Air..***	Maximum	95	92	95	90	92	92	96	102	103	103	99	97	95	99	105	104	103	104	100	77	89	92	99	99	96	97	94	95	99	91	95	96.4
	Minimum	65	58	57	60	57	57	63	68	75	72	73	74	67	63	63	68	72	70	67	63	58	52	54	65	74	69	67	67	68	73	69	65.4
Batesville,Livestk§§	Maximum	92	90	93	87	89	91	95	100	101	103	103	96	93	97	102	102	101	102	97	74	87	89	96	97	92	94	93	93	96	94	92	94.5
	Minimum	64	56	57	58	55	56	60	66	71	70	69	71	64	59	59	65	72	71	61	68	55	50	53	63	70	67	65	65	65	68	62	63.1
Bee Branch	Maximum	92	92	93	90	88	90	94	97	99	101	102	97	96	99	103	103	101	103	102	78	90	94	97	97	96	94	100	93	95	95	93	95.6
	Minimum	66	60	58	60	56	56	58	64	70	71	71	72	69	62	60	79	76	81	79	71	63	63	65	69	76	72	71	69	72	74	71	67.9
Benton ....§§	Maximum	93	94	96	95	90	96	97	97	100	101	100	101	102	102	101	102	103	105	105	80	88	91	95	96	97	92	103	85	86	92	96	96.2
	Minimum	65	64	65	58	53	59	62	62	64	58	68	68	69	63	63	67	66	67	66	66	57	52	52	61	64	68	68	70	69	68	68	63.5
Bentonville .....§§	Maximum	90	91	91	88	87	89	91	95	96	97	91	89	90	95	96	99	99	100	96	81	87	90	92	93	95	95	87	91	94	88	95	92.2
	Minimum	68	64	71	..	..	..	..	68	75	75	75	75	67	68	69	72	73	73	70	71	60	63	64	65	73	71	71	72	74	76	74	70.4
Bethesda.........§§	Maximum	91	89	93	86	89	90	94	99	99	101	103	96	92	96	101	100	99	101	96	74	81	89	96	96	92	96	94	94	97	88	92	93.7
	Minimum	65	57	59	58	55	56	60	65	71	71	69	71	64	59	59	64	72	71	60	69	57	50	51	61	70	67	68	57	65	69	58	62.8
Bluff City	Maximum	93	93	92	91	87	91	96	97	99	100	101	101	97	97	100	100	103	102	104	97	89	93	97	96	98	97	99	94	98	94	91	96.4
	Minimum	72	70	62	66	64	63	70	73	74	73	73	78	75	73	72	70	71	78	74	68	59	59	61	73	75	71	74	74	70	68	71	70.1
Blytheville	Maximum	88	90	91	85	91	88	94	99	100	100	100	94	90	94	97	97	92	98	97	83	81	88	95	96	95	91	90	88	96	93	89	92.6
	Minimum	63	58	60	60	58	61	64	69	73	70	74	76	65	63	63	63	..	..	..	70	57	55	61	71	73	70	67	68	68	68	68	65.6
Booneville	Maximum	92	90	93	92	90	93	99	99	101	103	100	95	91	97	100	103	103	100	102	98	87	91	94	94	97	96	98	94	99	98	95	96.3
	Minimum	67	67	59	60	60	56	64	68	68	70	74	71	69	65	69	68	70	70	67	64	60	59	60	67	74	68	66	64	71	70	71	66.3
Brinkley ....***	Maximum	92	90	94	86	89	90	95	98	101	104	103	99	98	97	101	103	102	104	102	84	88	92	97	98	99	93	102	90	98	90	90	95.8
	Minimum	65	58	59	62	58	58	61	71	71	70	74	73	68	63	61	64	67	69	68	61	55	49	50	65	73	71	69	66	69	72	67	64.7
Camden.	Maximum	94	94	94	90	91	93	96	96	99	100	100	100	99	100	101	101	105	106	102	97	90	94	98	96	97	96	98	95	98	89	93	96.8
	Minimum	70	69	72	64	62	60	65	72	72	71	76	76	71	71	71	69	68	70	70	69	69	56	59	70	75	71	71	64	71	74	70	69.0
Camp Robinson ***	Maximum	96	93	95	89	90	91	96	98	103	103	103	98	98	99	102	102	103	105	102	85	90	92	95	97	98	94	102	92	99	87	93	96.5
	Minimum	62	60	59	57	62	59	62	72	72	77	73	77	71	69	75	67	69	77	69	61	60	57	55	64	73	67	67	61	69	71	68	66.5
Conway	Maximum	96	94	95	92	93	94	98	100	105	106	105	101	98	102	105	106	107	108	106	95	92	96	101	98	100	96	99	94	99	93	96	99.0
	Minimum	69	64	60	63	61	60	64	71	71	73	74	76	73	69	65	70	71	73	70	68	61	55	57	66	74	70	68	65	73	72	70	67.6
Corning	Maximum	90	92	93	88	93	89	94	101	99	99	101	95	92	97	101	99	98	103	101	94	87	93	99	98	98	95	92	94	99	99	94	95.7
	Minimum	70	56	60	62	57	61	64	68	73	71	78	..	..	..	63	70	73	70	66	70	52	50	55	66	72	68	67	67	63	67	68	65.2
Crossett	Maximum	92	91	92	91	89	91	97	98	99	101	100	99	97	97	100	102	105	106	103	99	91	94	99	101	99	95	102	99	97	90	89	96.9
	Minimum	69	67	58	64	62	59	62	68	68	66	68	70	67	68	68	62	66	69	68	69	61	54	68	66	70	73	74	65	70	76	67	66.5
Dardanelle	Maximum	95	95	96	94	91	94	98	100	102	104	104	96	96	98	103	104	102	105	101	99	88	91	96	96	98	97	..	..	97	97	95	97.7
	Minimum	69	66	79	64	64	61	65	73	72	74	77	70	72	69	68	70	71	72	69	73	..	..	60	67	77	69	61	65	73	73	71	69.4
De Queen	Maximum	91	90	92	91	88	90	94	95	96	98	98	97	93	92	91	95	98	98	100	94	86	89	91	87	94	97	98	92	95	90	97	93.5
	Minimum	70	74	67	64	65	61	65	70	69	70	70	72	71	71	71	69	67	70	70	64	60	64	69	69	73	75	71	67	69	73	73	68.8
Des Arc	Maximum	90	90	90	98	88	89	94	97	99	101	102	97	92	94	98	98	98	98	97	95	86	89	93	97	97	97	100	91	97	94	93	94.8
	Minimum	68	61	60	64	60	60	62	72	74	72	75	75	71	66	64	67	69	69	64	68	60	53	55	65	75	71	70	65	71	76	69	66.8
Devils Knob	Maximum	87	87	87	81	84	85	88	90	93	94	90	87	86	91	95	95	92	94	91	80	83	84	87	89	89	86	88	86	88	82	87	88.0
	Minimum	69	69	75	68	60	66	66	72	72	74	72	76	72	69	74	76	64	73	70	60	59	62	67	70	70	64	69	61	72	69	69	68.7
Dumas	Maximum	96	94	95	89	91	93	100	99	103	104	105	104	98	100	101	101	107	105	103	95	91	96	99	98	101	96	105	98	100	92	93	98.5
	Minimum	71	65	60	64	67	61	65	72	75	74	74	76	74	75	66	67	69	73	70	73	61	54	55	68	77	72	73	65	72	75	73	68.9
El Dorado	Maximum	96	94	97	92	90	94	98	99	99	102	102	102	102	98	100	101	103	104	103	94	92	94	98	96	99	98	103	98	98	90	92	97.7
	Minimum	73	73	66	67	66	67	71	74	75	75	76	72	78	78	76	80	76	78	76	77	67	66	77	76	77	79	79	68	78	77	75	74.0
England	Maximum	93	89	91	91	89	90	93	96	99	102	101	97	95	95	99	101	100	105	..	..	..	90	95	97	95	91	101	89	93	93	90	95.0
	Minimum	65	62	61	62	60	59	66	70	78	73	73	75	72	69	75	73	75	74	..	..	..	58	58	65	72	71	70	63	70	73	70	68.3
Eureka Springs	Maximum	90	90	90	88	86	87	88	95	96	98	91	89	91	94	97	101	98	96	96	87	86	90	92	95	92	93	90	90	92	90	93	92.0
	Minimum	68	66	62	61	58	62	66	74	72	72	71	70	60	61	66	70	73	68	66	64	55	56	65	72	72	64	69	65	67	71	69	66.3
Fayetteville Exp. S	Maximum	90	92	90	89	87	87	91	94	96	97	94	90	91	95	97	99	99	98	96	91	85	88	91	93	93	94	93	90	92	91	93	92.5
	Minimum	67	64	59	58	55	55	66	71	70	68	71	69	59	59	62	67	72	67	62	61	53	53	59	66	72	66	72	64	66	72	67	64.3
Fayetteville	Maximum	88	89	90	89	86	88	90	94	95	97	94	89	92	94	95	98	98	95	95	89	86	88	90	92	95	94	92	91	93	89	93	91.9
	Minimum	68	65	62	58	58	57	67	72	72	70	72	71	62	62	64	66	71	68	64	63	55	55	60	66	75	67	73	65	68	73	70	65.8
Fordyce	Maximum	95	93	95	91	90	93	96	99	101	104	103	103	99	100	102	104	106	95	104	94	93	96	100	98	95	94	101	95	100	89	94	97.5
	Minimum	70	68	65	65	62	62	68	73	72	72	73	77	72	71	70	72	73	73	72	70	62	59	68	73	73	75	71	64	73	76	71	69.8
Fort Smith.....***	Maximum	93	92	93	91	88	92	96	97	97	101	97	91	91	95	99	99	99	96	95	81	87	91	93	87	96	98	92	91	98	94	98	93.8
	Minimum	72	73	68	68	67	65	69	74	75	77	73	75	72	71	72	76	77	75	75	67	65	65	68	74	77	73	65	65	75	77	74	71.6
Gilbert..........§§	Maximum	85	87	85	85	79	87	87	81	100	103	101	97	93	98	103	103	104	101	98	79	88	91	96	99	95	95	96	97	99	92	99	93.6
	Minimum	67	63	58	56	54	54	56	62	67	69	68	71	59	59	57	63	67	65	63	64	56	51	50	58	64	65	67	66	64	65	64	61.7
Grannis	Maximum	92	95	92	93	86	93	98	97	100	103	102	102	95	96	99	103	104	107	104	83	89	93	91	90	99	97	104	96	100	94	98	96.6
	Minimum	66	68	66	66	61	60	66	68	67	70	69	71	72	70	70	67	67	69	68	61	58	61	67	66	71	72	65	65	69	70	70	67.0
Gravette	Maximum	91	92	91	89	87	88	91	95	96	97	94	90	92	96	95	100	100	100	97	92	87	90	93	93	94	95	95	94	94	91	95	93.4
	Minimum	69	65	62	59	57	58	64	70	69	68	70	68	59	63	64	67	69	65	61	63	51	54	61	67	74	70	72	65	67	71	67	64.8
Green Mountain...	Maximum	92	91	86	88	34	86	85	97	99	100	98	89	89	92	95	96	97	98	99	96	80	85	94	98	96	92	96	92	96	95	92	92.7
	Minimum	75	68	68	65	64	64	65	67	75	75	76	64	66	66	70	75	75	70	75	76	58	65	74	78	71	70	76	64	67	74	67	69.8
Harrison	Maximum	93	91	91	90	89	92	90	97	99	100	96	92	93	97	100	102	100	99	99	92	88	92	95	98	95	97	94	94	99	92	100	95.0
	Minimum	67	62	58	57	55	55	60	61	72	69	71	74	62	58	60	61	60	66	63	66	53	50	56	54	72	70	57	66	66	62	66	62.3
Helena	Maximum	89	88	91	85	87	87	91	95	99	100	100	98	92	92	96	96	99	101	96	92	84	88	93	94	94	92	97	86	95	91	86	92.7
	Minimum	72	67	67	66	61	64	68	73	73	75	75	80	73	70	69	68	74	70	72	70	58	57	59	70	70	71	66	66	73	69	68	68.8
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Hope ....§§	Maximum	94	95	94	91	89	94	97	98	99	101	102	102	98	99	100	101	103	105	103	87	91	94	98	94	99	100	101	95	97	91	96	97.0
	Minimum	71	70	61	67	63	60	61	72	73	70	71	76	75	72	72	70	68	71	70	72	59	60	61	64	74	71	72	66	68	72	72	68.5
Hot Springs	Maximum	98	98	98	98	94	92	98	100	103	104	105	103	101	100	104	105	103	104	105	103	92	95	98	96	98	98	97	96	101	99	93	99.3
	Minimum	71	67	62	67	64	65	63	75	75	76	77	78	73	73	72	73	74	77	72	65	61	60	67	72	72	69	66	63	73	78	70	70.0
Jonesboro	Maximum	90	90	92	91	92	90	94	99	98	102	101	98	92	96	99	100	97	101	99	97	86	91	97	99	97	93	93	91	97	96	92	95.2
	Minimum	69	62	65	64	60	61	64	71	75	75	74	76	69	66	66	72	73	71	70	68	58	56	58	70	74	67	65	66	69	72	68	67.5
Lead Hill	Maximum	92	90	92	89	89	92	90	98	100	102	98	94	93	98	102	103	103	101	97	94	88	91	95	95	94	96	93	93	98	89	96	95.0
	Minimum	66	61	58	55	53	54	58	64	68	69	72	74	59	57	59	64	69	63	64	65	51	60	54	63	60	69	67	65	63	69	63	62.5
Little Rock..***	Maximum	94	92	94	88	90	90	95	98	102	102	101	100	95	97	100	101	103	105	102	82	88	90	95	95	95	93	101	93	98	87	91	95.4
	Minimum	73	69	67	66	64	63	66	72	75	76	76	79	75	72	67	73	74	74	75	64	62	58	58	68	76	71	71	64	74	76	73	70.0
Lutherville	Maximum	92	91	92	92	93	90	93	95	98	99	99	91	89	94	97	100	96	98	97	89	86	90	93	93	97	90	91	88	93	84	92	93.0
	Minimum	68	64	61	62	62	60	63	69	67	73	75	71	69	66	68	68	71	72	69	65	58	56	60	66	74	67	70	68	70	71	69	66.8
Magnolia	Maximum	95	94	94	92	88	93	97	90	98	101	101	100	98	96	98	100	101	104	103	99	89	94	98	98	99	97	101	97	96	97	95	96.9
	Minimum	69	70	62	62	63	63	65	70	70	70	68	71	69	70	69	68	67	69	70	69	59	61	62	70	73	68	75	65	65	73	70	67.6
Mammoth Spring.	Maximum	92	94	94	92	92	94	99	100	101	98	99	98	92	95	101	100	100	99	99	92	87	88	96	95	91	96	94	95	98	86	93	95.3
	Minimum	64	59	59	56	57	59	65	71	71	71	72	73	72	60	67	62	69	68	69	58	52	50	52	54	68	69	62	62	63	68	69	63.6
Marianna.......§§	Maximum	93	90	94	88	90	89	94	97	101	104	102	97	93	95	98	100	101	103	100	86	86	90	96	99	99	90	97	88	95	86	87	94.5
	Minimum	70	60	60	64	60	60	65	70	71	72	73	75	74	64	64	64	66	68	68	68	58	50	52	70	70	75	70	66	67	74	68	66.3
Marked Tree....§§	Maximum	92	93	93	85	91	88	95	98	100	101	102	94	91	94	97	99	97	100	99	81	84	91	96	97	96	93	92	90	95	82	90	93.4
	Minimum	69	63	63	65	61	61	65	67	72	73	74	76	69	65	64	64	70	70	71	72	60	53	54	58	67	69	67	66	66	70	66	66.1
Marshall	Maximum	89	87	89	87	86	88	91	96	100	101	98	92	92	94	100	100	100	101	95	84	83	88	93	95	92	92	92	94	96	89	94	92.8
	Minimum	67	62	59	59	59	59	71	72	75	71	74	73	58	63	68	68	73	69	65	65	56	54	65	65	75	70	71	66	67	74	70	66.5
Mena	Maximum	90	87	89	89	86	89	94	94	98	97	97	94	88	92	95	99	99	100	98	88	87	90	93	87	96	98	99	95	99	94	99	93.5
	Minimum	67	66	62	62	60	58	64	70	69	70	71	73	73	69	68	67	67	68	67	60	56	60	63	68	71	74	69	63	69	71	69	66.6
Monticello......***	Maximum	94	92	95	89	88	90	94	97	99	102	101	100	99	99	100	102	101	104	102	86	92	94	98	98	99	93	104	95	97	91	82	96.0
	Minimum	72	68	68	68	65	63	69	72	71	71	72	72	73	74	72	70	71	75	71	65	61	64	60	73	75	76	70	64	73	74	70	69.7
Morrilton ....§§	Maximum	95	97	97	90	93	95	97	101	102	103	104	98	97	104	103	106	105	104	104	81	89	94	101	95	98	96	105	93	99	90	99	97.9
	Minimum	67	64	58	61	60	58	59	66	71	73	74	74	70	68	64	66	70	71	67	72	59	54	56	59	67	69	69	65	65	73	71	65.8
Mountain Home...	Maximum	92	91	92	88	88	91	91	98	101	101	99	95	92	96	101	101	101	100	97	93	88	90	96	96	94	94	91	95	99	94	95	94.8
	Minimum	66	61	59	61	56	62	59	65	74	73	73	75	62	74	61	74	72	67	63	74	55	50	53	72	74	74	67	74	64	69	74	66.4
Mt. Ida	Maximum	92	91	93	92	92	90	96	97	99	102	102	101	97	96	100	102	106	102	103	93	89	94	96	95	98	96	101	95	100	90	96	96.6
	Minimum	68	66	59	56	58	53	59	65	67	65	66	70	67	66	65	61	64	65	66	64	54	53	58	63	69	72	69	63	68	69	67	63.8
Nashville	Maximum	94	95	93	95	88	92	96	97	99	99	100	102	98	99	98	100	101	103	102	94	89	92	95	93	100	99	99	97	95	93	95	96.5
	Minimum	72	71	66	68	65	62	66	71	68	69	69	74	76	72	71	68	67	69	70	69	62	60	65	67	74	77	72	67	68	73	72	69.0
Newport	Maximum	94	94	95	89	92	93	96	100	101	104	103	96	94	98	103	103	101	103	101	94	88	93	97	100	98	98	96	93	97	92	93	96.7
	Minimum	70	62	62	65	60	60	63	70	74	74	73	77	70	63	63	69	72	69	68	74	59	52	54	64	74	69	70	68	69	76	69	67.2

Daily Temperatures for July, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Nimrod Dam.......	Maximum	95	94	96	92	91	92	97	98	101	105	99	97	96	100	105	105	103	101	102	83	88	91	96	95	98	94	97	92	97	95	96	96.5
	Minimum	69	63	60	59	58	56	62	71	69	71	72	72	69	67	66	69	70	70	68	64	59	54	57	65	72	67	67	63	69	72	70	65.8
Oden...... . ..***	Maximum	94	94	94	93	90	91	96	96	98	102	102	97	94	97	100	102	103	101	100	83	89	92	96	93	99	98	99	93	98	92	94	95.8
	Minimum	70	67	65	61	61	58	63	67	67	69	70	73	71	70	69	67	67	69	70	63	68	57	61	67	73	74	71	62	70	71	72	67.2
Okay..............	Maximum	97	..	95	94	92	92	96	97	99	100	101	102	101	98	98	101	103	105	104	103	88	94	95	95	99	100	103	98	99	98	100	98.2
	Minimum	70	..	64	63	62	61	70	72	69	70	69	75	76	72	71	68	66	69	66	65	58	63	67	68	75	76	72	68	67	72	72	68.5
Ozark..............	Maximum	90	89	90	90	87	93	92	95	96	97	94	91	94	94	99	101	100	97	98	95	87	89	95	93	96	94	91	91	96	91	92	93.5
	Minimum	69	68	63	63	63	60	67	69	71	71	74	69	67	67	67	68	72	70	68	66	69	60	61	67	74	68	78	78	70	71	65	68.2
Paragould....... .	Maximum	90	91	92	86	93	90	94	100	98	102	102	94	91	96	100	98	96	101	99	90	85	91	95	98	97	93	91	91	95	87	91	94.1
	Minimum	67	67	64	63	57	60	61	67	74	71	74	77	67	65	61	71	73	70	71	69	58	51	54	63	64	67	68	67	66	67	69	65.9
Perryville	Maximum	94	93	94	91	89	92	97	95	102	105	101	97	94	98	102	103	104	104	101	84	88	90	97	97	97	93	100	93	99	89	95	96.1
	Minimum	66	61	56	58	58	56	60	67	73	72	69	73	65	64	62	66	67	70	66	65	59	52	53	62	66	67	66	63	69	70	68	64.2
Pine Bluff.........	Maximum	96	96	98	91	91	94	99	97	102	105	103	102	100	102	104	104	106	105	104	95	93	95	101	98	99	92	101	98	100	94	90	98.5
	Minimum	74	69	68	68	67	65	69	76	75	76	77	80	75	75	70	73	74	75	75	71	63	59	61	72	79	76	72	65	74	78	73	71.7
Pocahontas	Maximum	93	94	95	93	95	94	96	101	100	102	101	100	95	97	102	102	98	101	101	98	88	93	97	99	98	95	95	95	96	95	94	96.9
	Minimum	67	58	65	63	58	58	61	67	72	72	73	75	65	65	64	73	74	70	70	68	57	53	54	62	70	68	67	67	64	68	69	65.7
Portland	Maximum	95	95	98	91	90	93	96	97	101	103	102	100	99	100	102	103	107	107	105	97	92	97	99	97	98	95	103	98	93	91	90	97.9
	Minimum	73	67	66	67	63	63	67	73	74	75	73	75	83	72	71	86	72	73	71	72	63	58	58	68	73	75	78	65	74	77	70	70.8
Prescott............	Maximum	95	95	95	95	91	95	98	99	101	102	103	103	97	99	102	103	105	105	106	104	91	95	99	98	99	99	100	96	100	99	95	98.8
	Minimum	73	71	66	69	65	63	71	74	74	74	74	79	76	74	74	71	72	76	75	76	61	63	64	74	77	75	78	66	69	74	73	71.6
Rogers	Maximum	88	89	88	87	86	86	90	95	94	96	90	87	89	93	95	97	97	96	96	85	84	88	91	91	94	94	90	90	92	86	94	90.9
	Minimum	69	65	62	60	58	57	62	67	70	70	71	69	60	61	65	69	70	68	66	62	53	54	60	67	72	69	73	65	67	70	67	65.1
Russellville.	Maximum	94	93	94	91	89	92	96	98	99	101	98	95	92	97	101	102	100	102	99	84	88	90	95	96	99	93	95	91	97	89	95	95.0
	Minimum	69	65	61	61	62	60	62	70	71	72	78	74	70	77	72	69	72	72	76	75	70	57	57	65	76	70	72	66	73	70	72	68.9
St. Charles	Maximum	95	96	96	96	92	90	94	98	101	105	103	103	98	98	102	102	102	103	100	100	90	94	96	97	96	97	102	98	99	98	88	97.7
	Minimum	78	63	62	65	61	75	65	72	76	74	77	78	71	67	66	67	69	70	73	68	62	55	56	66	74	70	73	65	71	74	69	68.8
Searcy	Maximum	92	91	93	87	89	90	92	96	102	101	100	96	94	96	100	101	101	103	100	96	89	91	95	97	97	95	100	94	100	97	98	95.9
	Minimum	70	64	65	65	62	61	63	70	75	74	74	78	73	67	66	72	74	71	70	67	60	55	55	65	75	70	70	66	72	74	69	68.1
Sheridan	Maximum	93	91	94	88	89	89	96	96	100	102	100	89	96	96	100	101	103	101	101	93	88	91	95	97	97	95	99	93	97	96	93	95.5
	Minimum	66	59	58	59	57	59	63	59	69	69	69	69	69	66	62	66	68	69	67	64	56	52	54	66	72	67	67	61	69	70	68	64.2
Siloam Springs....	Maximum	91	89	89	88	86	88	91	94	96	97	91	88	92	95	95	99	99	98	95	80	86	88	91	91	95	96	89	91	93	90	93	91.7
	Minimum	66	64	61	..	58	55	67	71	70	69	70	69	58	60	63	66	70	68	62	58	51	54	54	66	73	69	71	63	67	72	66	64.4
Stuttgart	Maximum	94	92	95	92	90	90	95	96	101	102	102	98	95	96	100	100	102	103	100	96	87	90	95	97	98	97	101	89	99	94	89	96.0
	Minimum	72	66	64	67	64	65	67	74	75	75	75	73	74	72	69	73	73	74	74	69	60	57	60	69	76	71	72	65	73	70	68	69.5
Stuttgart Evap..§§	Maximum	93	91	95	86	89	89	93	95	99	101	100	98	95	97	99	100	101	102	99	85	87	91	95	96	97	91	100	89	97	87	86	94.3
	Minimum	71	65	63	64	62	60	64	67	70	70	72	72	72	70	65	66	67	70	71	71	60	52	53	66	73	71	69	63	63	73	68	66.5
Subiaco............	Maximum	92	91	92	90	93	92	95	99	99	102	97	94	92	98	103	104	101	102	99	95	93	92	96	96	97	94	93	90	96	89	95	95.5
	Minimum	69	70	70	67	61	63	..	..	..	..	..	..	..	..	.	..	..	..	.	60	70	73	62	70	..	..	65	66	..	71	71	....
Texarkana ....***	Maximum	93	94	95	93	88	92	94	97	96	98	100	100	96	95	97	101	101	105	101	88	87	92	95	93	98	100	102	100	98	91	98	96.1
	Minimum	73	72	68	69	66	67	73	73	74	75	73	78	75	74	71	72	71	73	73	66	62	65	71	72	75	80	75	71	68	78	76	71.9
Turnpike..........	Maximum	86	86	84	83	82	84	88	91	91	94	90	88	86	91	95	95	93	93	92	84	82	84	88	90	89	87	88	88	87	85	89	88.2
	Minimum	67	67	67	65	59	67	66	66	74	76	75	67	64	68	68	72	67	73	75	58	57	61	67	71	71	64	66	61	71	71	68	67.4
Waldron	Maximum	92	90	91	90	88	91	96	96	99	101	99	95	92	95	99	101	102	100	99	96	87	90	93	92	97	97	98	92	98	96	98	95.2
	Minimum	67	67	61	60	58	56	61	67	66	67	71	71	70	65	67	68	65	68	65	62	57	58	63	66	72	74	66	64	70	70	68	65.5
Warren	Maximum	94	92	95	94	89	93	97	98	100	103	103	102	98	98	101	102	105	105	104	100	91	93	99	98	99	96	104	95	100	98	98	98.2
	Minimum	72	68	65	68	64	63	67	73	76	74	77	75	76	72	70	70	72	74	72	74	61	57	60	72	77	77	75	65	73	76	72	70.5
White Rock	Maximum	84	83	85	82	80	81	87	88	90	91	87	86	84	87	93	93	94	95	93	82	81	84	85	87	88	87	80	90	87	85	96	86.9
	Minimum	66	65	65	68	61	64	67	71	72	73	73	68	64	68	71	75	74	73	70	59	60	63	68	70	71	68	65	70	70	68	70	68.1
Wilson	Maximum	90	90	91	90	91	90	95	99	100	96	100	98	91	93	96	97	93	98	96	94	82	88	92	96	95	90	91	88	95	94	93	93.3
	Minimum	67	59	61	62	60	63	66	71	70	71	74	76	66	64	63	67	67	68	70	70	57	51	57	65	70	67	64	64	68	69	65	65.5
Wynne	Maximum	90	90	91	82	89	87	91	96	97	98	100	93	91	93	97	98	97	99	98	83	83	88	95	97	95	90	92	88	94	85	88	92.3
	Minimum	68	65	65	60	60	66	69	74	74	74	74	79	71	65	66	68	71	73	69	71	59	56	57	61	73	68	68	67	66	73	68	67.7

Daily River Stages for July, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith....	..Arkansas .	22	8.6	7.8	8.0	7.9	7.7	7.4	7.0	7.1	7.1	6.9	6.7	6.4	6.4	6.5	7.2	8.2	8.8	8.7	8.5	8.2	7.7	7.5	7.0	6.7	6.8	6.0	6.2	6.6	6.6	7.8	7.4
Van Buren....	......do	22	8.4	7.9	7.7	7.6	7.6	7.3	7.1	7.0	6.9	6.8	6.4	5.8	6.0	6.4	7.0	7.5	8.4	8.2	8.0	7.8	7.4	7.0	6.6	6.3	6.1	5.7	5.7	6.3	6.9	7.2	7.0
Danville.......	.Petit Jean..	20	3.0	3.4	3.1	3.0	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.6	3.4	4.4	4.5	4.5
Ozark.	..Arkansas..	22	5.0	4.1	3.8	3.8	3.1	3.5	3.1	3.0	3.0	2.8	2.6	2.4	1.6	2.2	2.6	3.0	3.9	4.4	4.3	3.8	3.7	3.2	2.8	2.5	2.3	2.2	1.6	2.2	2.8	2.0	3.1
Dardanelle	......do.	22	7.1	6.0	6.4	6.0	5.9	5.8	5.6	5.3	5.1	5.0	5.0	4.7	4.6	3.9	4.2	4.8	5.0	6.0	6.3	6.2	5.9	5.6	5.2	4.9	4.6	4.4	4.5	4.2	5.3	5.0	5.2
Morrilton	......do.	20	2.9	2.2	2.5	2.0	1.7	1.6	1.5	1.2	0.1	0.8	0.8	0.6	0.4	0.0	-0.4	0.1	0.6	1.1	2.0	2.0	1.8	1.5	1.1	0.7	0.4	0.0	0.1	0.0	1.5	0.9	0.8
Little Rock.	......do.	23	5.0	4.7	4.7	4.3	4.0	3.8	3.8	3.7	3.5	3.3	3.2	3.2	3.1	2.9	2.7	2.6	2.7	3.0	3.3	3.9	3.9	3.7	3.5	3.3	3.1	2.9	2.8	3.1	2.9	3.7	3.3
Pine Bluff.....	......do.	25	7.3	6.8	6.0	6.0	5.2	4.8	4.5	4.3	4.1	3.9	3.7	3.6	3.5	3.4	3.2	3.1	2.8	2.9	3.2	3.9	4.7	4.5	4.3	4.0	3.7	3.4	3.0	2.9	3.2	3.0	4.2
Gilbert	..Buffalo ...	30	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Black Rock....	....Black....	14	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.8	1.7	1.7
Heber Springs.	..Little Red.	30	2.9	2.8	2.8	2.7	2.7	2.7	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.8	2.5	2.4	2.2
OzarkBeachMo	....White ...	30	0.8	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	3.3	-0.4	-0.4	-0.4	0.8
Cotter	......do	21	3.4	3.4	3.3	2.1	1.9	1.6	1.6	1.6	1.5	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.5	1.6	1.7	1.6	1.2	1.2	1.3	1.2	1.2	1.2	1.6	1.7	3.9	3.0	3.0
Calico Rock ...	......do	18	2.2	2.1	1.7	1.9	0.9	1.1	0.8	1.2	1.4	0.8	1.2	0.9	0.7	1.0	1.0	0.9	0.3	1.0	1.0	0.7	0.4	0.5	0.1	0.0	0.3	0.8	0.9	0.7	0.6	1.7	1.4
Batesville	......do ...	23	6.3	6.4	6.2	6.0	6.1	5.5	5.5	5.4	5.6	5.6	5.3	5.6	5.5	5.2	5.3	5.4	5.5	4.9	5.4	5.4	5.3	5.0	4.9	4.8	4.8	4.9	5.2	5.5	5.3	4.9	5.6
Newport.......	......do	26	2.2	2.1	1.9	1.8	1.5	1.4	1.0	0.9	0.8	0.8	0.8	0.6	0.7	0.6	0.4	0.4	0.3	0.4	0.0	0.1	0.3	0.1	-0.1	-0.2	-0.3	-0.3	-0.1	0.2	0.3	0.2	0.0
Georgetown ...	......do	21	5.0	4.5	3.9	3.5	3.3	3.0	2.8	2.5	2.3	2.0	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.4	0.4	0.4	0.4	0.4
Des Arc........	. ....do	24	7.9	7.3	6.6	6.3	5.9	5.6	5.3	5.0	4.8	4.5	4.3	4.2	4.0	4.0	3.9	3.9	3.8	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.1	3.1	3.1	3.0	3.0	3.2	3.3
Clarendon.....	......do	26	13.7	12.9	12.2	11.6	11.1	10.7	10.4	10.1	9.8	9.5	9.2	9.0	8.8	8.7	8.6	8.5	8.4	8.3	8.1	8.0	7.9	7.8	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.3	7.3
St. Charles	......do	25	14.1	13.5	12.8	12.2	11.7	11.2	10.9	10.5	10.2	9.9	9.6	9.3	9.1	8.9	8.8	8.7	8.5	8.4	8.3	8.2	8.0	7.9	7.8	7.7	7.7	7.5	7.5	7.5	7.4	7.4	7.3
Glenwood	....Caddo ...	..	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.3	5.2	5.2	5.2
Arkadelphia ..	..Ouachita .	17	4.3	4.4	4.2	4.0	4.4	4.0	4.1	4.5	4.4	4.2	4.0	4.8	5.4	4.9	5.2	5.1	4.2	4.2	5.2	4.8	4.4	4.2	4.0	3.9	3.9	4.4	5.3	5.0	4.8	4.4	4.3
Boughton	..Little Mo..	20	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.4	3.3	3.3
Camden	..Ouachita ..	26	4.8	4.5	4.2	3.9	3.7	3.8	4.0	3.7	3.8	4.0	4.0	3.9	3.9	4.4	4.7	4.5	4.6	4.4	4.0	3.9	4.4	4.4	4.1	3.9	3.7	3.6	3.6	3.8	4.4	4.6	4.5
Benton	....Saline ...	20	3.0	2.9	2.8	2.8	2.9	3.1	3.1	3.0	3.0	3.0	2.9	3.0	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.8	4.6	5.8	5.4	4.9
Index	.....Red	25	6.8	6.7	6.6	6.4	6.3	6.3	6.2	6.6	6.4	6.1	6.1	5.8	5.8	5.8	5.6	5.6	5.5	5.5	5.4	5.4	5.6	5.6	5.6	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2
Fulton..........	......do	25	6.8	6.6	6.5	6.2	6.1	5.9	5.9	6.1	6.1	5.9	5.7	5.6	5.5	5.4	5.3	5.4	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0
Big Lake Outlet	.St. Francis.	10	3.9	3.9	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.3	3.1	3.1	3.0	2.9	2.7	2.6	2.7	2.8	2.8	2.8	3.1	3.3	3.2	3.2	3.3
St. Francis	......do	18	2.9	2.8	3.6	4.9	4.6	4.3	3.7	3.1	2.8	2.7	3.3	4.0	4.1	3.5	2.8	2.5	2.4	2.9	3.4	3.3	3.3	2.7	2.3	2.2	2.8	3.4	3.5	3.1	2.6	2.5	2.5
St. Francis L.L.	......do	..	19.7	18.3	18.0	17.7	17.3	17.3	17.3	17.3	17.4	17.5	17.4	17.4	17.3	16.7	16.5	16.3	16.1	17.2	17.4	17.0	16.6	16.0	15.3	14.7	14.3	14.4	14.6	14.9	15.3	15.3	15.4
Marked Tree ..	......do	17	6.8	5.7	5.5	5.4	5.2	4.5	4.0	4.0	4.0	4.0	4.0	4.0	3.9	4.4	3.8	3.8	3.6	1.7	3.2	3.6	3.6	3.5	3.4	3.0	3.0	2.8	2.8	2.9	3.1	3.1	3.0
Parkin	......do	28	5.5	5.3	5.2	5.0	4.9	4.8	4.5	4.1	3.9	3.9	3.9	3.8	3.7	3.7	3.9	3.7	3.5	3.5	2.8	2.5	3.2	3.3	3.4	3.3	3.1	3.0	2.9	2.9	2.9	3.0	3.0
Madison........	......do	32	6.2	6.2	6.2	6.3	6.5	5.7	5.2	4.7	4.2	3.4	3.6	3.4	3.3	3.1	3.0	2.9	2.8	2.7	2.5	2.1	2.0	2.2	2.3	2.4	2.2	2.1	2.1	2.1	2.0	1.9	2.3
Helena	.Mississippi .	42	24.2	24.7	25.0	25.1	24.9	24.3	23.6	22.9	22.3	22.0	21.6	21.1	20.8	20.5	20.0	19.6	19.2	18.7	17.8	16.9	16.4	15.8	15.3	14.9	14.6	14.2	13.9	14.0	13.7	13.3	13.1
Arkansas City.	......do	42	20.6	20.7	20.9	21.0	21.0	20.8	20.4	19.7	19.0	18.5	18.1	17.7	17.2	16.8	16.5	16.1	15.7	15.4	14.9	14.2	13.5	12.8	12.4	12.1	11.7	11.3	11.0	10.7	10.6	10.4	10.0

Symbols for Climatological Data Table:--The departures from the normal temperature and precipitation are computed from the averages of the entire period for stations having 10 or more years of record. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Postoffice addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus: Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley; Sparkman, Rt. Sparkman; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark 8 21-1944-1000

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLIX Little Rock, Ark., August, 1944 No. 8

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

August temperatures averaged about normal in Arkansas. Mean temperatures ranged from 84° in the extreme southern districts to 74° in the higher elevations of the northwestern section. The first 25 days averaged slightly warmer than normal, but the remainder of the month was quite cool. About one half of the stations reported temperatures of 100° or higher on one or more days. Generally, the month was much more pleasant than the extremely hot weather during August, 1943. Sunshine, although slightly below normal, was adequate.

Precipitation averaged more than an inch above normal over the State and was the heaviest since May. Rainfall was heaviest in the western and southern counties and lightest in the northeastern section. Precipitation was generally adequate for crop growth except at a few stations in the northeastern counties that measured less than two inches. There was an average of nine days with measurable rainfall. On the 25th, 26th, 30th, and 31st, precipitation was quite heavy at many stations. A man was killed by lightning near Fayetteville on the 26th.

August weather was favorable for crop growth. Cotton improved, and picking had started in the southeastern counties by the 15th. Corn and rice made good progress. Good quantities of grapes, peaches, melons, cucumbers, and tomatoes were harvested. Gardens, pastures, and meadows improved during the latter part of the month.

TEMPERATURE

The mean temperature for the State, as determined from the records of 78 stations, was 80.0°, which is 0.1° below the 54-year average for August. The highest monthly mean was 84.6° at El Dorado, and the lowest was 73.9° at Devils Knob. The highest temperature recorded during the month was 104° at England on the 6th, and the lowest was 50° at several stations on the 19th and 28th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 108 stations, was 4.90 inches, which is 1.31 inches above the 54-year average. The greatest monthly amount was 11.35 inches at Devils Knob, and the least was 0.67 inch at Lake City. The greatest amount recorded in any 24 consecutive hours was 5.15 inches at Warren on the 30-31st.

B.N. W.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:--2,8,13,17,21,26,29,31.
Hail:---8.
Thunderstorms: ----,2,5,6,7,8,10,12,13,14,17,21,22,23,24,25,26,30,31.
Heavy Fog;---1,3,9,20,23,26,29,31.

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Pressure, Wind, Humidity, Sunshine, and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.15	28	29.71	13	7.1	27	nw.	7	86	64	65	68	0
Little Rock	30.19	19	29.78	13	6.6	25	nw.	8	88	62	64	61	0
Memphis ..	30.17	21	29.78	30	6.6	18	sw.	15	87	60	73	60	0

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.3	106	47	4.39	0.0	9	13	11	7
1893	77.3	102	48	8.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.35	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	3
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	105	47	4.34	0.0	8	15	12	4
1904	78 1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.78	0.0	6	18	10	3
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	43	3.92	0.0	8	13	12	6
1911	78.0	107	45	8.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	3	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	43	4.10	0.0	8	16	7	8
1918	82 6	115	52	3.90	0.0	7	15	9	7
1919	80 6	113	55	4.29	0.0	7	16	8	7
1920	76·8	102	46	4.08	0.0	8	13	9	9
1921	81·5	106	56	5.46	0.0	8	15	9	7
1922	80·4	111	51	1.90	0.0	5	18	8	5
1923	81·9	109	49	2.43	0.0	4	18	8	5
1924	82·2	108	43	2.40	0.0	5	20	8	3
1925	80·3	108	47	1.81	0.0	4	22	7	2
1926	80·7	110	47	5.50	0.0	10	14	10	7
1927	76·6	105	43	6.01	0.0	10	12	10	9
1928	81·3	105	51	4.62	0.0	7	17	8	6
1929	80·8	110	41	1.29	0.0	3	22	7	2
1930	81·8	114	46	2.53	0.0	5	17	10	4
1931	76·7	103	42	4.71	0.0	9	15	9	7
1932	81·5	104	47	1.78	0.0	5	19	10	2
1933	79·1	101	49	4.42	0.0	8	12	11	8
1934	84·8	116	48	2.75	0.0	6	15	11	5
1935	82·0	113	46	1.74	0.0	4	18	9	4
1936	85·0	120	43	0.44	0.0	2	19	10	2
1937	82·3	111	55	3.45	0.0	7	15	10	6
1938	83·2	109	54	2.26	0 0	5	18	9	4
1939	80·2	107	49	2.50	0.0	6	16	11	4
1940	77·7	104	45	4.96	0.0	9	14	10	7
1941	80·7	107	50	3.94	0.0	9	12	13	6
1942	78·8	106	53	5.96	0.0	9	11	12	8
1943	84.6	113	48	1.03	0.0	3	21	8	2
1944	80.0	104	50	4.90	0.0	9	12	11	8
Period	80.1	120	39	3.59	0.0	7	16	10	5

Corrections:-July. Camden, greatest precip. in 24 hours, 1.01 on 26-27. Dumas, mean max. temp. 98.5° El Dorado date of min. temp. 30. Oden, mean temp. 81.5°: greatest precip. 24 hours 1 00 on 28. Pine Bluff, date of greatest 24 hour precip. 27-28. Warren, min. temp. 57°. Wynne, date greatest 24 hour precip. 25-26.

NAT. HIST.

Climatological Data for August, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	78.5	...	96	12§	56	28	1.92	...	0.64	25–26	0.0	6	5	17	9	w.	L. R. Water Works
Arkadelphia	Clark	200	48	82.9	+2.2	103	9	63	28	4.01	+0.29	1.45	30	0.0	8	3	23	5	se.	George S. Dews
Arkansas City	Desha	145	59	...	...	...	...	...	...	4.85	+1.32	2.76	31	0.0	11	21	4	6	...	John W. Trammell
Batesville Airway	Independence	363	7	81.0	+1.6	102	9	55	25§	3.81	...	1.63	30	0.0	9	12	12	7	se.	Airway Observer
Batesville Livestk.	Independence	...	3	79.4^a	...	100	9	52^b	20	1.76	...	0.72	30	0.0	5	13	16	2	sw.	University of Arkansas
Batesville River	Independence	277	44	...	...	...	...	...	...	3.84	−0.34	1.32	30	0.0	8	9	12	10	...	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	80.8	+0.9	98	23	60	28	3.43	−0.29	1.20	2	0.0	7	8	21	2	w.	Miss Minnie Scanlan
Benton	Saline	285	8	78.7	...	97	21§	58	20§	4.64	...	1.60	25–26	0.0	11	26	2	3	se.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	...	...	99	3§	..	...	7.04	+3.03	2.04	5	0.0	10	8	18	5	s.	E. L, Browne
Bethesda †	Independence	500	4	79.0	...	100	6§	50	20	1.87	...	0.79	30	0.0	4	10	13	8	sw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	...	...	...	...	...	...	1.57	−1.26	0.65	30	0.0	5	12	13	6	...	N. W. Douglas
Black Rock	Lawrence	259	42	...	...	...	...	...	...	1.68	−2.55	0.94	30	0.0	4	21	2	8	...	Vernon C. Howe
Bluff City	Nevada	...	3	81.7	...	99	8§	64	30	7.92	...	3.90	13	0.0	7	10	13	8	ne.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	79.4	−0.7	96	16	60	20	1.68	−2.49	0.98	30	0.0	3	18	12	1	s.	Maurceu K. Norris
Booneville 3 miles w	Logan	465	29	80.4	−1.9	101	23	56	28	9.24	+5.71	2.60	26	0.0	8	12	9	10	e	F. H. Randolph
Boughton †	Clark	235	8	...	...	...	...	...	...	4.47	...	1.57	30	0.0	7	13	10	8	...	Katie B. Moore
Brinkley	Monroe	205	52	80.4	−0.4	100	23	53	20	2.74	−0.62	1.77	30–31	0.0	8	9	10	12	s.	U. S. Weather Bureau
Calico Rock	Izard	361	39	...	...	...	...	...	...	3.12	−1.32	1.04	2	0.0	11	10	1	20	...	William Jones
Camden	Ouachita	116	58	82.5	+1.8	102	7	62	28§	3.82	+0.96	1.17	31	0.0	9	1	28	2	s.	J. M. Knight
Camp Chaffee	Sebastian	419	..	81.4	...	102	12§	59	28	7.63	...	3.55	25–26	0.0	10	5	12	14	e.	U. S Army
Camp Robinson	Pulaski	463	3	75.7	...	97	6§	55	19	3.68	...	1.34	30	0.0	8	7	20	4	se.	U. S. Army
Clarendon	Monroe	172	39	...	...	...	...	...	...	3.36	−0.17	2.48	30–31	0.0	8	9	9	13	...	B. F. Northern
Conway	Faulkner	309	60	81.1	−0.6	101	23	56	28	2.87	−0.49	0.89	30	0.0	9	15	13	3	s.	E. E. Cordrey
Corning	Clay	293	50	80.3	+1.8	101	15	54	28	3.38	−0.26	1.36	21	0.0	5	1[illegible]	5	9	sw.	Richard C. Polk
Cotter	Baxter	440	16	...	...	...	...	...	...	6.56	+3.19	2.34	1–2	0.0	12	13	10	8	...	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	81.4	−0.1	99	8	63	28	6.12	+2.96	2.96	30–31	0.0	8	13	14	4	s.	U. S. Forest Service
Cummings Farm	Lincoln	176	..	...	...	98^k	23	60	29	5.57	...	3.57	30–31	0.0	7	16	11	4	s.	T. C. Cogbill
Danville	Yell	327	27	...	...	...	...	...	...	6.81	+3.64	2.07	25–26	0.0	13	6	14	11	...	J. M. Patterson
Dardanelle	Yell	330	57	81.1	+0 2	99	21	56	28	3.28	−0.31	1.36	25–26	0.0	13	10	14	7	e.	Geo. N. Goodier
DeQueen	Sevier	426	8	80 6	...	99	6	62	28	5.05	...	1.29	30–31	0.0	9	9	18	4	...	L. D. McCown
Des Arc	Prairie	204	5	80.2	...	98	17	56	20§	2.23	...	1.11	30–31	0.0	8	4	3	24	se.	Z. R. Glenn
Devils Knob †	Johnson	2350	7	73.9	...	89	12	54	27§	11.35	...	3.25	14	0.0	14	17	3	11	sw.	U. S. Forest Service
Dumas	Desha	162	38	83.4	+1.6	103	7	62	20	4.32	+0.99	2.00	30–31	0.0	9	4	15	12	s.	Ben Johnson
El Dorado	Union	270	43	84.6	+2 4	101	8	68	28	7.96	+4.76	2.50	30–31	0.0	12	17	11	3	s.	Mrs. E. W. Gaston
England	Lonoke	229	37	80.0	−0.9	104	6	59	19§	3.17	−0.23	1.75	30	0.0	7	7	21	3	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	43	77.8	−0.9	97	4§	56	28	4.89	+0.13	1.90	25–26	0.0	10	25	4	2	se.	Geo. W. Nichoalds
Fayetteville	Washington	1334	6	78.6	...	96	2§	54	28	7.86	...	2.75	25–26	0.0	12	10	10	11	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	56	77.6	−0.9	96	3	52	28	6.37	+2.40	2.00	5	0.0	11	11	17	3	sw.	University of Arkansas
Fordyce	Dallas	280	3	82.6	...	100	2§	62	31	6.02	...	2.42	30–31	0.0	9	3	26	2	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	81.6	+1.1	101	13	60	28	7.19	+3.91	2.70	26	0.0	8	10	12	9	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	...	...	...	...	...	...	6.60	..	2.81	26	0.0	9	17	6	8	...	Ft. Smith Water Plant
Fulton	Hempstead	260	58	...	...	...	...	...	...	8.13	+5.36	2.00	29–30	0.0	8	5	19	7	...	Ina J. Logan
Garland	Miller	225	1	...	...	...	...	...	...	7.78	...	2.96	14	0.0	7	10	0	21	...	L. D. Denney
Georgetown	White	200	31	...	...	...	...	...	...	3.83	+0.30	1.90	30–31	0.0	7	23	0	8	...	C. G. Long
Gilbert	Searcy	600	18	76.8	...	101	11	50	20§	5.84	+1.85	2.22	1–2	0.0	10	15	4	12	s.	F. E. King
Glenwood	Pike	547	8	...	...	...	...	...	...	4.27	...	0.84	30	0.0	13	14	2	15	...	Chas. A. Price
Grannis	Polk	950	24	80.4	+0.9	102	6§	58	28§	5.01	+1.65	1.96	29–30	0.0	10	9	14	8	se.	W. E. McVay
Gravette	Benton	1250	46	78.7	+0.6	99	2§	50	28	4.36	+0.30	1.48	5	0.0	9	11	13	7	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	78.0	...	97	12§	54	29	3.10	...	1.10	23	0.0	6	6	16	9	s.	U. S. Forest Service
Harrison	Boone	1052	43	78.6	+0.9	98	1§	53	28	5.00	+1.43	1.41	25–26	0.0	12	14	10	7	nw.	J. M. McGaughey
Heber Springs (near)	Cleburne	272	14	...	...	...	...	...	...	5.42	+1.88	0.96	30	0.0	11	8	18	5	...	Lester B. Logan
Helena	Phillips	300	71	79.5	−1.2	97	17	60	28	5.38	+1.80	1.97	26–27	0.0	7	13	9	9	ne.	James A. Buruett
Highland	Pike	491	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Clyde Cooley
Hope 3 miles e ‡†	Hempstead	375	73	82.0	+0.2	103	8	64	30	5.95	+2.66	1 75	13	0.0	10	6	15	10	s.	University of Arkansas
Hot Springs	Garland	600	52	81.2	−0.3	99	7§	59	28	5.58	+1.90	2.07	25–26	0.0	11	16	9	6	s.	National Park Service
Index †	Little River	275	26	...	...	...	...	...	...	7.76	+4.94	2.91	30–31	0 0	5	25	0	6	...	W. E. McDowell
Jessieville	Garland	750	17	...	...	...	...	...	...	7.65	+3.68	1.67	26	0.0	10	14	12	5	s.	U. S. Forest Service
Jonesboro	Craighead	345	48	80.4	+0.2	97	5§	55	28	3.49	0.00	1.48	21–22	0.0	6	8	13	10	sw.	Benedictine Sisters
Lead Hill	Boone	650	37	77.6	−1.4	102	11	50	19§	3.59	−0.34	1.49	25–26	0.0	13	20	9	2	s.	J. H. Crosswhite
Little Rock	Pulaski	257	64	81.0	+1.2	99	23	62	28	2.82	−0.93	1.00	30–31	0.0	8	6	14	11	sw.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	78.0	−1.9	94	4§	53	27	6.15	+2.34	1.33	29–30	0.0	9	10	10	11	e.	Clarence Leuhardt
Madison	St. Francis	209	13	...	...	...	...	...	...	2.25	−1.22	1.40	30–31	0.0	4	8	1	22	...	J. W. Eppes
Magnolia	Columbia	315	27	81.8	−1.0	102	7§	62	28§	3.76	+1.31	0.88	11	0.0	6	1	26	4	se.	State Agri School
Mammoth Spring	Fulton	600	39	79.6	+1.7	100	9§	53	21	0.98	−3.21	0.50	26	0.0	4	22	7	2	s.	Ray H. Hall
Marianna	Lee	235	32	79.4	−1.0	96	7	58	20	4.23	+1.26	2.55	31	0.0	4	3	17	11	s	University of Arkansas
Marked Tree	Poinsett	229	39	78.9	−0.7	96	7§	55	28§	1.17	−2.52	0.67	30–31	0.0	5	11	18	2	n.	Charles Walton
Marshall	Searcy	1050	..	78.2	+0.1	99	11	55	19	4.38	−1 07	1.28	1	0.0	9	8	18	5	se.	W. F. Reeves
Mena	Polk	1207	55	80.2	+0.1	101	3	55	28	7.60	+3.33	3.71	30	0.0	11	7	14	10	sw.	E. W. St. John
Monticello	Drew	273	3	81.8	...	99	17§	64	28	5.91	...	2.05	31	0.0	11	8	11	12	s.	Airway Observer
Morrilton †	Conway	315	27	80.2	−1 4	100	25	55	19§	3.97	+1.00	1.25	26–27	0.0	10	3	9	19	se.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	6	...	...	...	...	...	...	8.68	...	3.19	25–26	0.0	9	18	3	10	s.	C. A. Lovell
Mountain Home †	Baxter	800	31	79.0	+0.4	100	11	53	19§	2.79	−1.07	0.78	25–26	0.0	9	16	6	9	nw.	H. N. Haibert
Mountain Valley	Garland	788	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	C. A. Cockman
Mount Ida	Montgomery	702	44	79.4	0.0	100	9	54	19	6.59	+3.10	2.27	30	0.0	11	11	11	9	s.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	...	...	...	...	...	...	7.41	...	1.95	25–26	0.0	13	18	1	12	...	H. G Arvin
Nashville	Howard	350	5	...	...	...	...	...	...	5.72	...	1.71	26	0.0	8	22	1	8	e.	Carter Day
Newport	Jackson	231	60	81.4	+1.0	103	9	55^d	28	3.74	+0.24	2.07	30	0.0	7	7	11	13	sw.	W. T. Moyer
Nimrod Dam	Perry	475	2	80.0^b	...	100	12	58	31	6.02	...	2.37	26	0 0	10	13	10	8	sw.	U. S. Engineers
Oden	Montgomery	800	16	79.8	...	99	9	61	19§	5.53	+2.17	1.07	30–31	0.0	10	9	9	13	s.	U. S. Forest Service
Okay	Howard	288	15	82.8^a	+0.1	102^a	8	63^a	28	6.23	+3.48	2.20	29–30	0.0	10	2	23	6	s.	Charles R. Jackson
Osceola	Mississippi	250	43	...	...	...	...	...	...	2.15	−1.18	0.83	30–31	0.0	3	26	2	3	...	G. M. Serey
Ozark	Franklin	396	48	80.6	−1.4	100	12§	57	28	4.25	+0.47	1.95	26	0.0	8	7	10	14	e.	Orkney O. Milton
Paragould	Greene	275	20	79.2	...	96	5	54	28	4.43	+0.49	2.74	21–22	0.0	7	18	12	1	sw.	J. E. Garrett
Parkin	Cross	222	13	...	...	...	...	...	...	2.95	−0.38	1.42	24	0.0	5	9	9	13	...	Carroll King
Perryville	Perry	325	4	78.6	−1.0	99	21	55	18§	4.95	+0.90	1.15	26	0.0	8	12	17	2	sw.	Lillie Cranford
Pine Bluff	Jefferson	215	56	83.8	+1.9	101	20	64	28	2.28	−0.66	1.68	30–31	0.0	11	11	12	8	sw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	19	...	...	...	...	...	...	7.49	+4.68	3.49	8–9	0.0	11	8	11	12	sw.	J. R. Huddleston
Pocahontas	Randolph	300	50	81.0	+1.4	100	9§	53	28	2.35	−2.11	1.15	30–31	0.0	9	12	9	10	sw.	Benedictine Sisters
Portland	Ashley	122	37	82.2	+0 9	100	5	64	28	6.09	+2.97	2.60	30–31	0.0	9	7	17	7	s.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	83.8	+1.8	102	8§	65	29	3.02	−0.19	1.02	30–31	0.0	9	13	14	4	s.	W. R. Hambright
Rogers	Benton	1300	53	77 2	−0.5	96	1§	52	28	6.69	+2.94	2.30	25–26	0.0	9	14	10	7	sw	Howard Fowler
Rosebud	Faulkner	680	9	...	...	...	...	...	...	4.37	...	1 56	25	0.0	10	19	8	4	e.	G. A. Maddox
Russellville ‡‡	Pope	526	31	80.2	0.0	99	21	56	28	3.62	+0.03	1.11	30	0.0	11	2	20	9	se	U. S. Forest Service
St. Charles	Arkansas	175	10	81.6^a	...	101^a	15	59^a	20	6.40	...	2.50	30–31	0.0	9	14	6	11	e.	U. S. Biological Survey
St. Francis	Clay	290	16	...	...	...	...	...	...	3.80	−0.30	1.48	30–31	0.0	5	18	0	13	...	W. S. Buckley
Searcy	White	245	33	80.6	0 0	98	9§	57	28	2.78	−0.87	1.15	30	0.0	10	14	5	12	se.	Arthur D. Smith
Sheridan 8 miles n †	Grant	...	3	79.0	...	97	17§	56	19	6.17	...	1.51	30–31	0 0	9	3	24	4	ne.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	77.7	...	97	4§	50	28	4.98	...	1.91	5	0.0	10	3	23	5	se.	John Brown University
Story	Montgomery	650	19	...	...	...	...	...	...	7.12	+4.16	2.07	26	0.0	10	12	14	5	s.	S. C. Story
Stuttgart	Arkansas	214	56	81 1	+0.2	97	17§	62	20§	4.16	+0.65	3.14	30	0.0	9	14	7	10	se.	Geo. L. Clark
Stuttgart 9 miles e ‡‡	Arkansas	198	8	79.6	...	97	17§	59	20§	3.79	...	2.10	31	0.0	9	...	...	...	...	University of Arkansa
Subiaco	Logan	750	45	80.2^e	−1.8	100	12§	52^i	28	3.85	+0.24	1.33	30	0.0	4	19	3	9	s.	New Subiaco Abbey

Climatological Data for August, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Texarkana	Miller	332	59	82.8	+ 0.1	101	9	66	29	8.49	+5.43	2.93	13	0.0	8	6	15	10	s.	U S. Weather Bureau
Turnpike†	Pope	2240	19	74.1	......	91	21	55	27§	8.58	+4.61	2.34	25–26	0.0	12	13	8	10	sw	U. S. Forest Service
Waldron	Scott	675	24	80.0	......	100	1§	54	19	3.77	+0.62	1.63	30	0.0	7	4	19	8	se.	William D. Bivens
Warren	Bradley	206	49	83 8	+ 2.0	101	20	65	28	8.31	+4.95	5.15	30–31	0.0	12	8	16	7	sw.	C. N. Turner
Whitecliffs	Little River	290	37	....	......	......	......	......	......	4.18	+1.36	1.22	28–29	0.0	5	22	3	6	......	L. M. Snead
White Rock†	Franklin	2285	7	75.3	......	92	21§	54	28	9.99	......	3.26	23–24	0.0	9	17	9	5	se.	U. S. Forest Service
Wilson	Mississippi	237	18	79.0	− 0.3	98	11	55	28	2.10	−1.41	1.00	22	0.0	3	13	0	18	s.	D. O. Anderson
Wynne	Cross	167	35	79.6	− 0.4	97	17	56	28	2.45	−1.36	1.85	30–31	0.0	6	13	10	8	......	Mrs. Claudia A. Ford
State Means	......	....	..	80.0	− 0.1	104	6	50	19§	4.90	+1.31	5.15	30–31	0.0	9	12	11	8	s.	

Daily Precipitation for August, 1944

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas						1.21	.24							.57								T.	.62	.70	T		2.60		.13	.06	1.78	7.91
Alum Fork Reser.	Arkansas		.58						.25						.18								T.		.09		.64			.18			1.92
Aplin[2]	Arkansas		.89											T.											.31		.15	2.49		T.	.14	1.16	5.14
Arkadelphia[2]	Ouachita	.43		T								.52		.33	.37				.04						T.	T.	T.	.72	T.	T.	.15	1.45	4.01
Arkansas City[2]	Mississippi	.48					.02			.11		T.		.32	.60										.11	.25	.05	.12			.03	2.76	4.85
Augusta[2]	White													.31									.01	.10		.11		.09		T.	.46	1.67	2.75
Batesville Air'y[1]	White		.04						T.													.73	.06	.01	.06	.51	.17	.60			1.63	T.	3.81
Batesville Livestk[2]	White									T.													.19	T.	T.	.35		.50			.11	.61	1.76
Batesville River[2]	White		.05																				.60	.25	.16	.85	T.	.61	T	T.	.07	1.25	3.84
Beaty Lake	St. Francis					T			T.		T.		1.09					T.					.24		T.		T.	.06		.06	1.36	.73	3.54
Bee Branch	Arkansas		1.20						.07														.44			.13	.61			.18	.80		3.43
Beech Grove	White												T.		T.																		....
Beedeville[2]	White																																
Benton[2]	Saline		.30	.25			.14			T.				.92												.70		.03			.02	.95	3.31
Bentonville[2]	Arkansas									.05					.03		.19						.36		.09	1.07	.87	.73		.09	.15	1 01	4.64
Bethesda[2]	White						2.04	.03		1.00				1.22			T	T.					.01			.13	.65	.94				1.02	7.04
Big Lake Outlet[2]	St. Francis																						.37			.23		.48				.79	1.87
Black Rock[2]	White		T.				.14							.05					T.				.20					.53				.65	1.57
Bluff City	Ouachita									T.				T.									.24					.39			.11	.94	1.68
Blytheville[2]	St Francis										.48				3.90												.32	.04		.56	2.00	.62	7.92
Booneville 3 mi- w	Arkansas																						.48					.22	T.			.98	1.68
Booneville[2]	Arkansas					1.03		1.22						1.30									.03		1.43		2.60			.18	1.45		9.24
Boughton[2]	Ouachita						.20	.17							.63										.80	.08		2.20		.14		1.48	5.70
Brinkley[1]	White		T.						T.					.37	.23										1.57			.48		*	.67	1.15	4.47
Burdette	Mississippi												.61					T.				T	.04		.04		.02	.01		.10	1.65	.27	2.74
Calico Rock[2]	White																						1.33				.33				.25	1.59	3.50
Camden[2]	Ouachita		.58	1.04						.10					T	.10							.01	.35	.11	.10	T.	.41			.10	.22	3.12
Camp Chaffee[2]	Arkansas			.39						.05		.51			.45												.01	.57		.04	.63	1.17	3.82
Camp Robinson[1]	Arkansas					1.23	.16	.54	T.											T.					.19	.37	3.55	.21	T	.30	.04	1.04	7.63
Carlisle[2]	Arkansas		.20						.93					.28									.40				.30			.18	1.34	.05	3.68
Clarendon[2]	White																																....
Cold Springs[2]	Ouachita													.42										.14		.04		.18	T.	.02	.08	2.48	3.36
Conway	Arkansas						.17	1.10					.05		.47										.80	.26		1.52	.12	.25	1.15		5.89
Corning[2]	White		.41						.31															.07	.05		.85		.11	.16	.89	.02	2.87
Cotter[2]	White													.12					.45				1.36					.80			T.	.65	3.38
Crossett	Ouachita		1.93	.41		T			T.	.51				T.		.97		.08					.31	.08	.54		.17	.78		T	.16	.62	6.56
Crystal Valley[2]	Arkansas		.25						T			.41													1.31	.48		.22		.08	.41	2.96	6.12
Cummins Farm	Arkansas		2.13						2.00														.10			2.01	.55			.11	1.38	.04	8.32
Danville[2]	Arkansas								.30																.20	.10	.18	1.22			.47	3.10	5.57
Dardanelle[2]	Arkansas		1.21					.22	.10	.04													.04	.08	1.09	.11	.28	1.79		.15	.04	1.66	6.81
Denmark[2]	White		.05					.02				.12					.05						.35	.05	.07	.02	.26	1.10		.21	.05	.93	3.28
De Queen	Red																																....
Dermott[2]	Mississippi					.16		.04				.37			.55				.87					.14			1.06			.57		1.29	5.05
Des Arc[2]	White						.83			.37				.10										.04		.05	.37	.10			.13	2.25	4 24
Devils Knob	Arkansas	.01					.02			.05				T.					T					T.		.30		.20		.04	.50	1.11	2.23
Dumas	Mississippi		1.07			.08		.08	.18		1.07				3.25								.12	.91	.13	.02	2.78			.10	1.54	.02	11.35
Eagle Gap[2]	Arkansas	T							.11				.08	T.		T.		.03					T.	.01	T.	.30	.47	.43			.89	2.00	4.32
El Dorado[2]	Ouachita						.33		.11	.35	T.	T.	.05		.37				T.				.03	2.12	.07	1.85		1.00		.09	.28	1.87	8.52
Eleven Point	White		T.	.74			.02			.10		.40			.15									.13	.01	.98	.20	1.69			1.04	2.50	7.96
England	Arkansas			.07					.23	.10				T.		T.							.83	.17	T.		T.	T.	T.		.10	1.00	2.50
Eureka Springs	White										.03				.30								T.			T.	.48			.08	1.75	.53	3.17
Evening Shade[2]	White		.13			.25				.70				.97			.30	.04							.10	.15	1.90				.35		4.89
Fayetteville	White		.04							.02					.11	.08							.10		.02	.03		.52			.07	.44	1.43
Fayetteville Exp. S	White					1.54		.06	.28	T.				.53			T.	T.				.05	1.31	.01	.38	.10	2.66			.03	.91		7.86
Fordyce	Arkansas					2.0		.02		.94				.34			T.	T.				T.	.07	.12	.09	.10	1.71			.04	.94		6.37
Forester[2]	Arkansas		.17						.41						1.82											T.	.78	.28		.14	.56	1.86	6.02
Fort Smith[1]‡	Arkansas																						.06		T.	.04	.50	.45				1.03	2 08
Fort Smith W.[1]	Arkansas					.43		.67	1.10									T						.01	1.06		2.70		T.	.25	.97		7.19
Fulton[2]	Red					.32		.40														.82		.10	.71	.32	2.81			.02	1.10		6.60
Garland[2]	Red			.35								1.65	T.		1.61				.10	T.								.85		.30	2.00	1.27	8.13
Georgetown[2]	White			.25								.15			2.96													.37		.13	2.86	1.06	7.78
Gilbert[2]	White						.10			T				.90									.07			.43		.23		T.	.20	1.90	3.83
Glenwood[2]	Ouachita		1.97	.25		.03								.13		.62							.16		.58		.14	.97				.99	5.84
Grannis	Red			.31				.35			.07	.15			.34				.25				.54	.28	.34			.54		.04	.22	.84	4.27
Gravelly[2]	Arkansas					.01		.13	.02	T.	T.		T.	1.36	.08			.57						.05		T	.55			.28	1 96		5.01
Gravette	Arkansas							1.53							.53										.73	T		.90		T.	T.	1.14	4.83
Green Forest	White					1.48				.37								.05				.13	.37		.26	.10	1.16				.44		4.36
Green Mountain	White	.25	.72		.11						.16		.08	.42			.20							.46	T.	T.	1.56			.06	.67		4.69
Greenwood[2]	Arkansas		.40						.10															1.10	.85		.25				.40	T.	3.10
Harrisburg[2]	St. Francis					.98	.22	.52							.92										1.21	.07	1.60	.72		.20	.20	1.40	8.04
Harrison	White												.12											.80	.70		.35				.80	.10	2.87
Heber Springs[2]	White	.31	.15			.07			.48	.48	.48			.17	.17							.45				.06	1.41				.77		5.00
Helena[2]	Mississippi		.20							.80		.71		.31		.25							.10	.08		.85		.96		.20		.96	5.42
Henderson[2]	White		.25	.15					.01					.14					1.12					.32				1.55	.42		.01	1.82	5.38
Highland	Ouachita													.83				.01						.97			.19	.32			.19	.92	3.75
Hollis	Arkansas								.45					.35											1.13		1.90			.31	.83	T.	4.97
Hope[2]	Red	T.		.33						.27	.04	.67			1.75				T.					T	.08			.46		.21	1.02	1.12	5.95
Hot Springs	Ouachita		.33					.03					.11	1.02	.04								.98		T.	.16	2.07			.15	.67	.02	5.58
Huttig[2]	Ouachita	2.36		.30		.04	.10			.02		.12		.06	.18											.92	.04	.19			.06	2.76	7.15
Index[2]	Red			.15								1.75			2.50																.45	2.91	7.76
Jessieville	Ouachita		.52					.07						1.08	T.						1.16	.68			.67		1.67	T.		.35	.60	.85	7.65
Jonesboro[2]	White									.14				.64									1.48					.02			.02	1.19	3.49

Daily Precipitation for August, 1944 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
LaCrosse[2]	White		.07							.03					.17	.55							.99					.66			.24	.44	3.15
Lake City[2]	St. Francis													.20					.15									.20			.12		0.67
Lead Hill	White	.23	.13											.19	.27		.01					.49	.07	.15	.02	.06	1.43			.02	.52		3.59
Little Rock[1‡]	Arkansas	T.	.24						.73				.32	T.									.06	T.	T.	T.	.35		T	.11	.97	.04	2.82
Lutherville	Arkansas		.03							T.		T.	.43	T	1.12								.02	.81	1.18		1.23			.23	1.10		6.15
Madison[2]	St. Francis													.60										.15				.10				1.40	2.25
Magnolia	Red											.88			.53													.61		.55	.39	.80	3.76
Mammoth Spg[2]	White	.15							T.								T.							.12				.50			.21		0.98
Marianna[2]	St. Francis																		.10					.38				1.20				2.55	4.23
Marked Tree[2]	St. Francis													.11									.25					.03			.11	67	1.17
Marshall	White	.88	.40			T.			.19					T.	.57		T.					.03	T.	.71	.04		.82			T.	.74		4.38
Marvell[2]	White																																....
Mena[2]	Ouachita						.18		.59	.46					.22							T	..	.03	.32	1.19		.66		.06	.18	3.71	7.60
Monticello[1‡]	Ouachita					.54			.27				.10	.07								T.	.23		.66	1.12	.27	T.		.21	.39	2.05	5.91
Morobay[2]	Ouachita			1.57						.25		.01			.03													.55			1.86	2.21	6.48
Morrilton[2]	Arkansas		.35	.03			T			.25					T.								T.	T.	.05	.85	.03	1.25	.15		.15	.86	3.97
Mountainburg	Arkansas					1 82		.45															1.06	.06	.69	.11	3.08			.36	1.05		8.68
Mountain Home	White		.52						T.					.04	.10							T.		.50	T.	.10	.60	.18		.15	.60		2.79
Mountain Valley	Ouachita																																....
Mountain View[2]	White		.34	.33						.27		.75											.22	.05	.75			.37					3.08
Mount Ida	Ouachita							.70				.02	.21	.57	.03								.55	.03	.57		1.21			.43	2.27		6.59
Mulberry[2]	Arkansas					.35	.18	.23	.15										.05				.35		.40	.95	1.95	1.25		.35	.15	1.05	7.41
Nashville	Red								.19		.62			.06	.43								T.	.70			1.71			.52	1.49		5.72
Newhope[2]	Ouachita									.22		1.00													1.00	1.30		.37			.28		4.17
Newport[2]	White									T.				.07									.75			.70		.10		.01	.04	2.07	3.74
Nimrod Dam	Arkansas		.24						.28				.34									.22	.12		.68		2.23	.14		.27	1.50		6.02
Odell[2]	Arkansas					1.27		.39															.07	.56	3.80	.43	2.43			.35	.26	1.56	11.12
Oden	Ouachita					.11		.13			.97			T.	.68								.60	.40			.79	.68	T.	.10		1 07	5.53
Okay	Red			.46					.04			.41			.97				.03					.03			.80			1.13	2.20	.16	6.23
Osceola[2]	Mississippi																						.65	T				.67			T.	.83	2.15
Ozark[3]	Arkansas					.02	.19	.05				T											.09		.75		T.	1.95		.21		.99	4.25
Paragould	St. Francis										T.		T.	.23								.73	2.74				.10	T.		.01	.16	.46	4.43
Parkin[2]	St. Francis													.15										.21		1.42		.34				.83	2.95
Perryville	Arkansas		.65						.57													.27	.78		.34		1.15			.27	.92		4.95
Pine Bluff[2]	Arkansas			.05						.12					.08				.09					.06	T.	.03	.02	.12	.02		.01	1.68	2.28
Pine Ridge[2]	Ouachita						.31			2.75	.74				.40									.01	.30	.04		.57		.37	.62	1.38	7.49
Pocahontas	White		.02										.05		.09		.06					.10	.53					.23			.12	1.15	2.35
Portland[2]	Ouachita	.20				.15	.05			.80					.60												1.40		.24		.05	2.60	6.09
Prescott[2]	Ouachita											.28		T.	.20				.02						.16	.01		.36		.05	.92	1.02	3.02
Red Star	White																		.30			.65	.25		.95					1.10			3.25
Rogers	White					.88		.40	.50					1.21			.10						T.		.10	.65	1.65				1.20		6.69
Rosebud	Arkansas								.14			.10											.09	.09	.23	1.56	.58			.23	1.35		4.37
Russellville	Arkansas		.01					.02	.85			.11			.03								.04	.20	.10		.94			.21	1.11		3.62
St. Charles	White								.01					.90					.68				T.		.47		.71	1 03		.01	.09	2.50	6.40
St. Francis[2]	St. Francis																.15		.85				1.06					.26				1.48	3.80
Searcy[2]	White						.09		.21	.06				.24									.30		T.	.44		.25		.04	.15	1.00	2.78
Sheridan	Ouachita		.51						.42									1.20					.12			.08	1.03			.10	1.20	1.51	6.17
Shirley[2]	White		2.15							.45													T.		.22	T.	.05	.40		.09	.08	.34	3.78
Siloam Springs	White					1.91		.11	.05								.01	T.				T.	.02	.10	.44	.69	1.07			T.	.58		4.98
Sparkman	Ouachita		.42										T			.19							.18	.02			.91	.03		.09	1.82	.68	4.34
Stamps	Red								.05		.36			.20										.21			.25	.13		1.19	2.25	.80	5.44
Stephens[2]	Ouachita																																....
Steve[2]	Arkansas		.65												1.50										.55		.52	1.12	.77			1.72	6.83
Story[2]	Ouachita				.14								.14		.62	.40				.63					.50		.40	2.07			.42	1.80	7.12
Stuttgart[2]	Arkansas														01				.01						.25		.05	.40	.10	.20		3.14	4.16
Stuttgart Evap[2]	Arkansas													.22											.35	.15	.05	.73	.02	.02	.15	2.10	3.79
Subiaco	Arkansas							T.																1.17	T		1.14			.21	1.33		3.85
Sugar Grove[2]	Arkansas					T.		.12				.12			.10										.68	.12		1.91			.09	1.30	4.44
Texarkana[1‡]	Red			.11				.07	.75		.68	T.		2.93				T						T.	T.		.19		T.	2.19	1.57		8.49
Tichnor[2]	White									.04					.03											1.04	.03	.51		.36		2.00	4.01
Turnpike	Arkansas		.15						1.25					.08	1.37								.01	1.50	.54		2.34	.02		.16	*	1.16	8.58
Viola[2]	White		.68													.80							.35	.10	.20	.08		1.31			22	.41	4.15
Waldron[2]	Arkansas					.66		.35	.02		T.														.05		.82			.24	1.63		3.77
Walnut Grove	White																					1.24	.23		T.			.38			1.40	.08	3.33
Warren	Ouachita		.01		.42	.03			.16					.01	T.							T		T.	.53	.35	.36	.73		.28	.28	5.15	8.31
Whitecliffs[2]	Red								T.						.61													.45		1.22	.80	1.10	4.18
White Rock	Arkansas					.38		.52	T															.08	3.26	.80	*	3.20		.35	1.40		9.99
Wilson[2]	Mississippi																							1.00					.40			.70	2.10
Wynne[2]	St. Francis	T.								.15					.19			T.							T.		.05		.21		.07	1.78	2.45

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for August, 1944

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda §§	Evap.	.428	.151	.252	.236	.279	.226	.325	149	.276	.298	.228	.150	.266	.284	.153	.374	.360	.278	.293	.321	.278	.311	.155	.275	.231	*	.174	.165	.216	.023	.055	7.270
	Mean tem.	80	81	78	83	81	84	80	84	84	82	82	83	82	80	85	85	80	76	71	73	82	82	81	77	72	74	72	68	72	70	74	...
	Wind move	46	48	5	47	48	40	24	69	23	4	39	38	39	34	30	51	59	67	38	30	40	43	17	41	60	24	42	67	12	56	36	1217
Hope, Exp. Farm §§	Evap.	.207	.256	.271	.233	.262	.249	303	.279	.230	.202	.312	.195	.265	.312	.145	.231	.270	.270	.271	.234	.234	.245	.245	.205	.205	.200	.180	.200	.132	.018	.024	6.945
	Mean tem.	85	84	84	84	86	86	87	88	84	85	82	84	84	80	82	84	84	80	81	82	84	85	81	82	83	81	77	73	68	72	75	....
	Wind move	25	19	26	16	16	34	27	24	15	15	27	20	33	44	28	42	42	62	43	20	15	17	34	24	37	30	47	33	21	17	29	882
Nimrod Dam	Evap.	.272	.215	.211	.239	.110	.219	.201	.216	.256	.230	.255	.244	.219	.209	.214	.243	.253	.217	.291	.265	.266	.153	*	.365	.111	....	.186	.158	.189	.231	.190	6.508
	Mean tem.	83	81	84	84	83	84	86	82	83	84	81	86	84	80	83	81	82	79	78	76	82	..	..	..	79	75	72	72	72	72	71	....
	Wind move	8	8	4	4	16	2	18	0	8	9	16	10	14	13	29	16	25	9	10	11	18	9	9	6	3	8	40	29	4	9	13	378
Russellville	Evap.	.280	.260	.300	.308	.200	.228	.150	.128	.272	.250	.200	332	.242	.084	.270	.194	.208	.296	.228	.290	.228	.212	.212	.100	.130	.050	.106	.160	.124	.056	.160	6.158
	Mean tem.	84	82	84	84	84	84	84	82	83	82	84	85	82	78	81	82	82	79	74	78	84	86	84	80	78	74	71	69	72	71	72	....
	Wind move	17	24	25	22	15	10	9	11	14	29	*	9	15	11	23	17	15	19	17	15	16	13	15	7	26	9	25	20	11	16	13	488
Stuttgart, Rice Exp. Farm §§	Evap.	.155	.252	.188	.190	.157	.247	.268	.181	.092	259	256	.222	.216	.205	.233	.299	334	.273	.297	.266	.228	.274	.135	.271	.150	.165	.119	.190	.170	.058	.085	6.445
	Mean Tem.	80	82	82	81	82	84	82	82	81	80	82	84	81	79	82	84	85	80	76	77	82	82	83	80	79	78	75	72	70	79	66	....
	Wind move	35	32	30	49	45	28	7	20	24	46	54	52	54	62	68	92	90	85	50	36	31	50	40	42	29	43	87	46	17	21	62	1430

Daily Temperatures for August, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	95	92	90	94	91	93	95	93	94	93	94	96	96	92	93	93	92	89	89	94	96	90	95	89	90	86	78	85	83	74	83	90.5
	Minimum	68	68	70	66	70	71	71	71	67	67	67	70	67	61	71	73	71	66	60	59	66	72	66	68	66	67	63	56	61	63	61	66.5
Arkadelphia §§	Maximum	96	93	96	98	95	98	101	98	103	102	98	102	101	92	97	98	101	94	95	98	99	95	98	98	98	93	90	88	73	77	84	95.1
	Minimum	71	72	71	72	74	72	73	75	70	72	69	70	73	68	69	74	74	71	64	66	72	73	70	75	73	71	70	63	65	70	71	70.7
Batesville Air. ***	Maximum	96	94	97	96	97	99	99	97	102	95	100	99	101	98	99	98	99	92	92	99	98	95	95	84	84	82	80	85	80	77	85	93.4
	Minimum	71	74	70	72	72	70	69	72	63	72	72	73	70	70	74	74	79	64	56	55	73	72	72	69	67	68	60	55	65	66	64	68.6
Batesville, Livestk §§	Maximum	93	89	94	92	96	96	98	94	100	94	99	95	99	95	96	96	96	91	90	98	98	95	96	83	82	82	79	84	80	76	83	91.6
	Minimum	68	72	67	70	76	75	73	75	71	74	76	79	73	70	..	..	53	62	54	52	63	70	68	70	63	67	65	53	59	67	62	67.1
Bee Branch	Maximum	93	93	94	92	95	95	93	92	95	93	93	95	96	92	95	91	95	93	93	96	97	95	98	90	84	82	80	87	76	75	86	91.1
	Minimum	73	75	73	74	75	73	74	74	70	71	72	72	70	67	71	75	72	68	64	68	70	72	71	73	69	70	67	60	68	69	67	70.5
Benton §§	Maximum	94	94	94	94	93	95	95	95	95	92	93	95	95	92	94	94	94	92	91	95	97	92	97	92	89	80	84	85	77	76	67	90.7
	Minimum	63	69	70	71	70	69	71	71	72	67	68	69	68	65	66	74	68	68	58	58	60	70	66	67	67	69	65	59	59	65	65	66.7
Bentonville §§	Maximum	97	98	99	99	90	90	91	95	95	94	93	96	93	92	92	92	85	86	90	92	88	96	91	89	83	82	70	82	84	70	84	89.6
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Bethesda §§	Maximum	93	89	93	96	94	100	96	93	100	94	96	93	98	94	96	96	95	90	89	96	97	93	94	82	82	81	80	83	80	74	86	91.1
	Minimum	67	73	62	70	68	69	64	74	68	70	69	73	67	66	74	78	77	62	54	50	68	72	68	72	62	66	65	54	63	66	62	66.9
Bluff City	Maximum	96	94	95	97	96	97	98	99	99	97	95	97	97	95	94	95	92	90	91	95	94	95	96	93	93	92	85	83	80	82	78	92.9
	Minimum	70	74	70	72	73	73	73	73	69	70	68	71	70	68	74	73	75	71	68	68	70	73	72	70	71	72	70	66	66	64	67	70.5
Blytheville	Maximum	91	90	92	89	92	93	93	94	93	92	94	90	89	93	95	96	95	86	86	92	94	87	90	85	84	86	84	82	76	78	77	89.0
	Minimum	68	75	74	74	71	72	70	71	71	72	73	71	73	71	73	76	78	67	70	60	69	71	65	64	66	72	69	61	66	67	67	69.9
Booneville	Maximum	98	96	97	98	94	97	94	96	98	95	97	98	99	92	92	92	90	91	92	100	100	99	101	85	88	83	79	82	78	72	86	92.2
	Minimum	73	73	75	75	68	71	70	73	72	74	68	70	68	67	72	74	70	62	64	64	69	72	70	71	70	68	60	56	64	66	60	68.7
Brinkley ***	Maximum	95	94	95	94	97	100	98	92	98	94	97	99	94	93	96	96	99	92	91	98	96	94	100	89	89	93	88	89	77	81	74	93.0
	Minimum	66	73	64	71	71	69	66	70	67	69	71	72	71	69	74	77	76	65	57	53	69	70	67	70	69	70	64	56	67	67	64	67.9
Camden	Maximum	99	95	96	99	97	99	102	100	100	99	99	98	97	98	94	95	95	91	92	101	98	99	100	95	96	95	88	84	81	82	74	94.8
	Minimum	70	71	68	71	72	71	71	74	69	70	69	70	74	70	74	74	77	69	69	68	70	71	71	70	72	73	72	62	62	66	66	70.2
Camp Robinson ***	Maximum	94	90	94	92	95	97	96	90	95	92	95	97	97	76	78	77	79	74	73	78	80	80	82	73	88	85	83	87	87	76	81	85.8
	Minimum	69	74	69	75	70	71	71	68	69	65	68	72	60	60	65	62	63	60	55	58	63	69	69	68	65	68	63	57	62	64	61	65.6
Conway	Maximum	97	92	96	95	95	98	93	88	98	95	98	99	100	91	98	98	98	95	95	99	99	100	101	92	87	80	83	88	80	74	85	93.1
	Minimum	72	73	72	73	73	72	73	73	69	71	71	73	70	66	72	76	72	66	58	58	70	75	70	73	69	70	63	56	64	66	64	69.1
Corning	Maximum	94	96	96	94	93	98	97	98	100	96	98	94	98	99	101	99	94	88	89	97	95	94	94	89	83	84	84	85	85	80	83	92.7
	Minimum	69	69	71	73	71	70	68	71	67	70	72	74	71	71	74	77	66	64	58	57	70	70	73	70	59	65	64	54	65	67	66	67.9
Crossett	Maximum	96	94	95	94	97	96	97	99	96	94	94	95	93	94	97	96	98	94	92	98	95	94	98	97	93	96	93	90	87	90	79	94.2
	Minimum	67	70	67	68	71	69	69	70	66	67	70	70	72	68	71	76	71	70	69	64	65	67	69	68	71	71	70	63	65	67	68	68.7
Dardanelle	Maximum	97	97	97	96	97	96	93	93	97	97	96	98	98	93	95	95	95	93	93	97	99	96	98	89	86	86	78	84	82	75	87	92.7
	Minimum	74	71	75	74	76	72	74	72	72	74	71	73	69	67	73	74	73	65	60	59	71	73	71	71	70	68	62	56	64	67	63	69.5
De Queen	Maximum	97	97	97	98	95	99	96	97	97	95	92	95	97	94	92	93	91	90	90	94	95	94	94	92	90	90	76	77	76	75	83	91.5
	Minimum	72	75	72	72	72	70	74	69	71	70	67	71	69	68	70	73	70	69	69	70	71	72	70	70	71	70	67	62	64	66	68	69.8
Des Arc	Maximum	92	92	92	93	92	95	95	92	90	93	92	96	94	94	94	96	98	93	89	96	97	95	90	90	87	86	84	85	85	78	77	91.0
	Minimum	70	74	73	79	72	69	69	73	69	70	72	74	71	69	74	75	75	69	61	56	71	74	69	72	67	70	69	56	66	62	66	69.5
Devils Knob	Maximum	87	86	86	87	86	88	87	87	87	87	87	89	87	77	84	84	83	82	84	87	88	85	87	79	79	73	66	76	70	65	78	82.5
	Minimum	69	64	70	70	68	69	67	70	69	64	68	71	66	65	71	71	67	60	61	64	70	71	67	68	64	56	54	54	59	61	57	65.3
Dumas	Maximum	99	96	96	95	100	100	103	100	97	97	98	100	97	96	101	100	100	95	94	100	99	99	101	95	92	99	90	85	79	91	75	95.8
	Minimum	70	74	73	73	73	74	71	72	70	72	73	74	72	70	75	76	75	72	66	62	70	72	72	72	72	71	72	63	68	68	67	71.1
El Dorado	Maximum	96	88	97	97	99	99	100	101	98	97	96	97	98	96	98	99	98	95	94	99	96	99	100	98	93	95	91	86	77	73	77	94.4
	Minimum	75	78	73	76	78	80	76	78	73	74	73	74	77	74	77	76	78	75	74	78	74	74	75	76	75	75	74	68	71	71	70	74.8
England	Maximum	92	91	91	94	92	104	95	91	95	91	94	95	94	93	95	95	96	89	90	95	95	95	95	90	90	88	83	82	80	89	76	91.5
	Minimum	69	70	71	70	71	70	72	70	69	70	72	71	71	66	72	75	73	68	59	59	68	68	68	71	68	69	68	63	62	66	66	68.5
Eureka Springs	Maximum	96	93	95	97	91	91	93	96	93	95	96	97	93	93	91	88	83	84	87	92	89	95	93	81	79	80	66	81	81	72	82	88.5
	Minimum	73	67	74	74	68	69	71	71	68	71	72	75	64	69	74	72	66	57	59	61	69	67	69	69	64	65	59	56	64	66	57	67.1
Fayetteville	Maximum	95	96	96	96	89	91	91	95	95	94	93	95	93	92	91	91	83	87	91	93	89	94	90	82	80	80	68	80	80	71	83	88.5
	Minimum	74	73	76	76	68	69	69	70	71	75	72	74	65	71	74	76	69	59	63	67	73	69	71	69	70	66	60	54	62	65	56	68.6
Fayetteville Exp. S	Maximum	95	95	96	95	92	92	91	95	94	93	93	95	92	90	90	91	87	87	89	92	90	95	92	92	82	80	73	81	79	74	82	89.2
	Minimum	73	70	73	74	65	66	68	68	66	69	70	71	64	69	71	75	67	55	57	59	70	66	69	68	69	65	59	52	61	64	54	66.0
Fordyce	Maximum	98	100	99	98	99	100	100	100	98	98	97	99	100	92	97	95	97	94	94	98	95	99	99	95	93	95	89	84	76	81	75	94.6
	Minimum	71	69	71	72	73	74	74	74	70	70	70	74	74	70	73	74	76	70	66	65	71	72	73	71	72	72	70	63	66	64	62	70.5
Fort Smith ***	Maximum	100	97	97	97	89	97	90	96	95	96	97	100	101	97	95	94	85	90	89	99	96	97	95	82	86	81	75	80	79	73	85	91.3
	Minimum	77	77	77	77	72	75	72	76	76	76	73	77	74	72	75	77	72	66	67	68	74	75	74	71	73	68	64	60	66	66	63	71.9
Gilbert §§	Maximum	100	88	94	95	93	93	94	96	98	98	101	98	95	80	94	92	92	89	89	98	98	98	98	82	82	80	74	84	80	72	86	90.7
	Minimum	66	69	67	66	68	67	67	68	68	64	[illegible]	64	63	63	63	63	72	58	54	50	50	65	66	67	65	63	60	53	54	65	58	62.9
Grannis	Maximum	99	100	100	100	94	102	100	102	99	98	96	102	101	90	94	93	93	92	92	95	97	98	102	96	91	81	80	84	73	73	84	93.6
	Minimum	69	72	68	71	71	68	69	68	69	71	66	69	66	65	71	71	68	66	61	66	67	70	67	68	68	71	62	58	62	63	58	67.1
Gravette	Maximum	97	99	99	99	96	91	92	96	97	97	95	97	98	96	95	95	89	86	90	93	95	97	93	82	83	80	69	82	83	74	83	90.9
	Minimum	73	70	73	73	68	70	70	70	69	69	72	73	65	70	73	75	65	55	59	60	61	67	69	69	69	66	60	50	61	66	52	66.5
Green Mountain	Maximum	92	86	96	93	90	92	94	94	96	94	96	97	97	97	95	96	95	88	85	89	92	89	86	89	85	80	78	79	74	75	78	89.3
	Minimum	70	69	70	70	70	70	68	72	75	70	70	71	68	67	70	71	68	64	63	62	66	68	68	69	67	59	59	59	54	60	60	66.7
Harrison	Maximum	98	92	95	98	92	95	96	96	96	95	97	97	92	90	92	90	89	89	89	95	95	95	93	83	78	85	79	83	79	72	85	90.3
	Minimum	70	70	74	72	70	69	71	72	68	68	70	72	68	69	70	73	70	59	55	54	68	67	68	70	65	65	62	53	66	65	59	66.8
Helena	Maximum	89	89	89	87	91	93	95	92	90	89	90	93	89	88	92	92	97	87	85	91	90	89	93	89	85	89	82	80	77	86	74	88.5
	Minimum	70	75	73	72	71	71	70	73	70	71	72	73	72	72	74	76	76	70	65	61	71	73	71	73	69	70	70	60	66	69	66	70.5
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope §§	Maximum	100	96	99	98	99	100	102	103	99	99	95	98	97	93	94	95	93	90	94	97	97	98	99	94	95	90	84	81	70	79	84	93.9
	Minimum	70	73	70	71	74	71	72	72	70	71	68	70	71	68	69	73	75	71	68	67	70	72	70	70	71	72	70	65	65	64	66	70.0
Hot Springs	Maximum	97	95	95	96	95	98	99	95	99	98	97	97	98	92	95	95	94	94	93	97	98	97	90	91	90	88	80	87	76	73	85	92.7
	Minimum	70	70	72	73	73	73	73	73	70	71	70	75	69	68	74	76	77	70	65	65	73	72	69	70	69	70	65	59	62	65	64	69.8
Jonesboro	Maximum	94	92	95	93	97	96	96	93	96	93	95	91	95	95	96	95	95	88	87	96	97	91	92	93	83	84	82	84	84	80	78	91.2
	Minimum	69	75	71	71	71	73	73	73	70	68	71	74	69	71	74	77	77	68	62	61	70	71	71	73	64	68	69	55	66	65	66	69.5
Lead Hill	Maximum	97	88	93	94	92	94	95	95	92	96	102	99	96	90	96	91	87	88	89	98	95	95	92	82	75	85	77	85	81	73	85	90.2
	Minimum	71	72	70	69	70	66	69	74	64	66	66	70	67	66	64	71	70	54	50	51	65	69	65	69	65	63	63	50	65	66	57	65.1
Little Rock ***	Maximum	93	88	93	92	95	95	94	90	95	92	94	96	96	93	95	93	97	91	89	95	95	94	99	90	89	83	84	83	77	75	77	90.7
	Minimum	72	72	73	74	74	76	76	72	72	72	72	75	72	68	75	78	76	71	64	64	71	75	72	75	70	70	67	62	66	67	67	71.3
Lutherville	Maximum	93	90	91	94	93	93	93	91	92	93	94	91	93	91	90	88	89	90	82	90	93	93	94	90	85	77	74	77	75	71	84	88.2
	Minimum	71	70	73	72	73	71	72	72	71	70	71	68	70	66	70	74	73	65	60	60	70	70	69	70	68	67	53	54	63	65	61	67.8
Magnolia	Maximum	97	93	96	97	99	100	102	102	101	100	98	96	96	93	95	95	94	93	93	97	97	97	102	96	97	96	94	84	77	82	77	94.7
	Minimum	70	74	68	71	72	70	70	70	68	69	67	68	70	68	71	71	72	70	69	67	68	69	69	70	69	72	69	62	62	65	64	68.8
Mammoth Spring	Maximum	92	91	94	94	95	95	95	95	100	95	99	99	98	98	100	97	89	90	90	92	93	95	94	96	88	84	78	83	85	85	83	92.3
	Minimum	69	73	69	69	70	69	67	74	66	67	71	73	69	71	70	66	75	56	56	54	53	72	68	69	72	72	65	55	65	65	67	67.0
Marianna §§	Maximum	90	92	91	88	93	94	96	90	92	92	92	94	92	92	95	95	94	89	88	94	94	88	95	87	86	90	82	82	78	84	75	89.8
	Minimum	69	75	72	71	71	71	69	69	68	70	70	72	70	70	70	72	74	69	60	58	66	74	70	70	69	70	68	60	65	67	67	68.9
Marked Tree §§	Maximum	93	92	92	89	95	95	96	91	94	92	93	94	90	94	95	96	96	89	88	94	95	90	92	84	87	88	82	84	76	79	74	90.0
	Minimum	66	69	72	72	71	71	72	73	71	69	69	72	70	71	73	74	77	68	58	58	60	73	69	70	66	66	69	55	55	56	67	67.8
Marshall	Maximum	95	85	90	91	91	92	91	91	95	94	93	94	95	85	91	90	90	85	85	93	91	95	96	80	80	76	75	80	80	74	82	88.1
	Minimum	73	72	74	73	72	69	68	72	67	72	73	72	66	69	75	77	73	60	55	63	74	68	69	68	66	64	62	63	65	66	60	68.4
Mena	Maximum	99	100	101	99	89	96	98	97	98	95	95	100	99	92	94	93	94	90	93	99	97	99	95	95	89	84	76	85	76	71	83	92.6
	Minimum	69	72	69	71	69	68	72	68	68	71	66	70	68	66	71	73	72	67	64	65	70	72	68	68	68	72	60	55	64	66	57	67.7
Monticello ***	Maximum	93	91	94	93	96	97	94	95	93	91	94	94	93	92	95	96	99	92	93	99	97	98	98	95	89	93	88	83	74	88	71	92.2
	Minimum	70	74	72	72	73	74	72	74	70	71	71	74	73	71	73	75	75	74	70	68	71	72	73	72	72	72	71	64	68	68	68	71.5
Morrilton §§	Maximum	96	91	97	96	97	95	96	88	98	95	96	97	98	94	96	94	97	92	91	96	98	99	98	100	89	82	82	86	77	78	88	92.8
	Minimum	72	72	73	72	74	69	72	72	69	72	70	73	68	66	67	74	71	62	55	56	73	74	67	67	67	69	63	55	56	64	64	67.7
Mountain Home	Maximum	95	86	93	93	92	94	95	95	99	96	100	98	98	91	96	98	95	89	90	97	96	97	92	84	78	81	76	84	83	83	88	91.4
	Minimum	70	71	69	69	74	74	70	81	68	67	67	72	74	74	68	66	66	63	53	54	67	68	67	67	66	63	62	53	65	65	54	66.7
Mt. Ida	Maximum	95	95	97	98	95	98	94	96	100	95	99	99	98	91	94	94	96	93	95	96	98	97	93	86	91	82	79	85	75	76	83	92.4
	Minimum	67	73	69	69	67	67	69	69	67	68	65	68	67	64	69	73	68	65	54	58	62	72	68	68	70	71	63	57	65	66	61	66.4
Nashville	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
Newport	Maximum	95	95	95	95	97	99	100	96	103	96	96	100	97	96	98	97	98	92	92	96	100	94	96	86	86	83	82	87	79	77	80	93.0
	Minimum	70	76	71	73	72	72	69	74	69	70	72	75	71	70	73	75	76	67	56	56	71	74	72	74	67	69	69	55	68	68	66	69.7

Daily Temperatures for August, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Nimrod Dam	Maximum	96	92	96	97	94	97	97	92	97	97	98	100	98	96	94	93	95	93	92	92	99	97	96	87	88	81	79	85	80	77	84	92.2
	Minimum	70	69	72	72	72	71	74	72	69	71	69	71	69	64	72	69	69	65	64	61	64	..	..	..	70	69	65	59	64	67	58	67.9
Oden***	Maximum	96	96	97	97	91	96	96	97	99	93	94	95	98	92	93	92	93	91	93	97	96	96	91	88	88	80	78	84	76	75	84	91.4
	Minimum	70	73	71	71	70	69	71	69	67	66	65	71	67	67	72	75	70	65	61	64	70	72	68	69	70	72	63	61	66	68	60	68.2
Okay	Maximum	100	99	97	99	99	99	100	102	..	100	96	99	98	94	95	95	94	92	92	97	96	97	98	93	94	92	93	82	82	88	86	94.9
	Minimum	72	75	71	73	74	71	73	71	..	74	68	69	72	69	72	73	72	73	69	69	73	71	70	72	72	72	69	63	64	67	65	70.6
Ozark	Maximum	92	93	93	95	95	98	93	95	96	95	96	100	96	92	88	95	92	90	92	97	100	98	97	86	87	84	77	80	78	72	87	91.3
	Minimum	70	73	76	76	73	71	73	78	74	75	70	72	69	67	71	74	74	61	66	67	71	72	71	71	71	69	60	57	64	67	62	69.8
Paragould	Maximum	91	92	93	90	96	92	93	94	94	91	93	91	90	92	93	94	92	84	85	89	93	89	90	83	81	84	79	83	82	81	79	88.8
	Minimum	69	76	72	73	72	73	71	71	68	69	71	71	70	73	73	74	76	65	59	59	66	72	72	72	75	67	70	54	66	67	67	69.5
Perryville	Maximum	96	89	94	92	94	95	92	87	93	92	95	97	95	96	95	95	91	91	92	95	99	95	95	95	94	78	80	85	75	76	84	91.0
	Minimum	71	69	70	71	72	69	72	67	67	70	68	72	68	70	73	69	63	55	55	55	56	65	68	69	68	69	63	56	63	64	62	66.1
Pine Bluff	Maximum	97	92	97	96	96	99	98	92	98	98	98	100	99	92	99	98	100	95	96	101	100	94	98	98	94	93	90	90	81	81	75	94.7
	Minimum	73	75	74	74	75	75	76	77	72	73	73	76	75	71	76	78	77	73	67	66	73	76	74	74	72	72	72	64	71	69	67	72.9
Pocahontas	Maximum	94	93	95	93	97	98	99	95	100	99	99	94	100	98	100	97	95	91	91	95	99	93	95	92	86	87	86	85	84	79	82	93.3
	Minimum	69	74	70	71	72	74	71	74	78	68	69	73	71	70	71	74	74	65	58	59	67	71	72	71	61	67	65	53	65	66	64	68.6
Portland	Maximum	95	92	95	95	100	98	99	97	95	93	95	95	94	91	93	93	97	93	94	98	97	99	98	95	90	93	92	87	80	87	73	93.3
	Minimum	70	73	71	72	73	73	73	74	70	71	70	73	73	71	70	72	74	73	68	65	70	74	73	72	72	71	71	64	67	68	70	71.0
Prescott	Maximum	99	98	99	97	99	99	101	102	102	100	96	100	100	99	98	97	97	95	96	99	99	97	98	94	95	93	86	84	81	79	81	95.5
	Minimum	71	76	73	73	74	75	76	75	71	74	69	72	75	70	74	75	75	73	69	70	73	74	73	72	72	74	71	66	65	67	68	72.1
Rogers	Maximum	96	95	96	96	91	90	90	94	94	93	92	94	92	90	90	88	89	84	87	90	87	93	90	80	82	81	68	79	81	70	82	87.9
	Minimum	72	69	72	72	68	70	69	70	68	69	69	72	64	67	69	72	69	57	56	59	69	70	67	70	68	66	59	52	63	66	54	66.4
Russellville	Maximum	96	94	95	95	95	97	93	91	95	94	96	97	95	89	95	93	93	93	91	97	99	98	98	90	86	81	77	82	80	76	81	91.4
	Minimum	73	70	73	73	74	71	74	72	71	71	71	73	70	67	72	70	72	65	58	58	69	73	69	71	71	68	65	56	65	66	64	68.9
St. Charles	Maximum	93	92	93	93	96	97	98	97	95	94	95	97	93	93	101	95	98	99	..	93	94	95	99	96	88	93	85	87	82	87	83	93.4
	Minimum	66	69	71	71	71	73	74	72	71	70	71	68	69	71	74	75	75	69	..	59	69	73	70	72	69	70	70	61	67	67	66	69.8
Searcy	Maximum	94	92	95	93	94	96	94	89	98	95	94	96	95	94	95	95	97	91	90	96	98	93	95	84	83	82	82	86	83	77	79	91.1
	Minimum	72	75	72	73	72	73	73	75	72	71	73	73	71	68	72	74	74	68	61	59	70	74	71	73	69	69	69	57	66	68	66	70.1
Sheridan	Maximum	95	92	94	93	92	96	96	95	94	93	94	96	96	91	95	94	97	89	90	95	97	92	95	92	90	84	85	85	82	78	75	91.4
	Minimum	67	67	68	70	69	67	69	68	67	68	67	71	68	65	62	73	70	66	56	58	67	71	72	67	65	68	66	58	64	63	64	66.5
Siloam Springs	Maximum	96	96	96	97	90	91	90	94	95	95	95	97	97	92	93	95	83	85	89	94	92	96	91	83	84	80	70	82	80	70	83	89.4
	Minimum	73	70	73	74	68	69	68	70	69	71	70	72	66	68	73	75	66	53	54	59	68	65	67	67	66	65	59	50	60	66	53	66.0
Stuttgart	Maximum	92	91	93	91	93	95	94	93	95	92	92	95	92	90	95	95	97	91	90	94	95	95	97	92	90	90	83	84	81	82	73	91.0
	Minimum	72	75	73	73	74	73	75	75	72	73	73	75	72	71	74	76	76	71	63	62	63	75	72	73	70	72	69	62	68	69	67	71.2
Stuttgart Evap.§§	Maximum	92	92	92	92	93	96	95	93	95	92	93	96	92	90	95	95	97	92	90	95	95	93	97	90	90	89	83	84	78	82	70	90.9
	Minimum	68	72	71	70	70	71	69	72	67	69	70	71	70	68	69	73	73	69	61	59	69	71	69	71	68	68	67	59	62	66	62	68.2
Subiaco	Maximum	95	97	94	95	96	95	95	94	97	96	96	100	96	95	97	95	91	92	92	100	100	98	97	86	82	81	77	80	88	73	82	92.0
	Minimum	71	..	..	..	80	..	..	73	72	..	..	74	71	68	72	..	74	65	62	62	..	78	69	72	70	68	62	52	63	63	63	68.4
Texarkana***	Maximum	99	96	97	98	98	99	100	98	101	96	94	98	98	91	95	95	93	91	92	96	96	96	97	93	94	88	83	81	74	78	84	93.2
	Minimum	74	80	73	76	76	73	78	72	73	69	71	71	69	69	74	74	75	74	72	73	74	74	74	73	72	73	70	67	66	68	67	72.4
Turnpike	Maximum	88	85	87	87	88	88	84	84	88	87	88	89	84	79	85	83	85	83	85	89	91	87	89	80	79	71	69	75	69	67	77	82.9
	Minimum	67	67	70	71	67	69	67	57	70	68	68	71	66	64	70	71	67	59	60	62	70	70	66	67	62	63	55	55	57	60	57	65.3
Waldron	Maximum	100	98	99	99	93	96	95	96	96	95	97	100	97	96	95	94	95	92	93	100	98	98	93	89	89	88	80	83	79	72	83	92.8
	Minimum	70	74	71	72	67	69	70	70	69	71	66	69	68	65	71	73	68	60	54	60	70	73	68	70	71	69	58	55	65	66	60	67.2
Warren	Maximum	97	95	97	98	97	99	99	98	97	96	97	97	96	95	98	98	100	97	96	101	99	100	100	99	95	95	91	87	81	87	75	95.4
	Minimum	71	74	72	73	75	75	72	75	69	71	73	75	76	72	75	77	75	73	69	66	72	73	75	73	73	73	73	65	67	68	68	72.2
White Rock	Maximum	89	87	87	88	88	87	85	88	88	89	86	90	88	85	89	87	86	83	84	89	92	92	92	82	78	74	69	75	72	65	79	84.3
	Minimum	69	70	70	71	68	72	66	73	71	72	68	71	64	69	71	71	68	61	63	66	71	69	71	63	65	55	58	54	57	61	57	66.3
Wilson	Maximum	93	93	95	89	93	93	95	96	94	92	98	94	95	93	95	96	97	90	92	93	94	89	91	88	87	89	81	82	78	82	78	90.7
	Minimum	67	73	70	70	70	70	70	67	65	68	69	71	69	71	71	73	74	64	56	60	68	69	68	69	62	64	69	55	62	64	65	67.2
Wynne	Maximum	90	90	91	88	93	94	94	90	92	91	92	93	91	93	95	95	97	87	87	93	95	90	93	83	85	89	85	85	75	80	73	89.3
	Minimum	70	72	74	73	72	71	70	70	69	70	72	73	70	72	73	77	71	68	65	63	74	75	71	73	68	69	71	56	58	68	66	69.8

Daily River Stages for August, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.6	7.3	7.6	7.0	7.0	6.8	6.6	6.6	6.4	6.2	6.0	6.0	6.1	6.6	6.4	5.7	5.8	5.8	5.7	5.7	5.5	5.5	5.2	5.3	5.8	7.0	8.8	8.6	7.2	8.7	8.7
Van Buren	do	22	7.2	7.2	7.2	6.6	6.3	6.3	6.3	6.3	5.9	5.7	6.0	5.7	5.8	6.2	6.1	5.5	5.1	5.4	5.3	5.3	5.1	5.0	4.8	4.7	5.6	6.0	8.4	8.5	7.0	8.1	8.7
Danville	Petit Jean	20	3.5	3.5	3.5	3.5	2.8	2.7	2.7	2.6	2.6	4.4	4.4	3.0	2.8	2.8	2.7	2.6	2.6	2.5	2.8	2.7	2.6	2.6	2.6	5.3	3.4	5.5	7.3	12.9	8.2	4.3	7.9
Ozark	Arkansas	22	3.0	3.4	3.0	3.1	3.0	2.4	2.4	2.3	2.2	1.9	1.9	2.0	1.7	1.5	2.3	2.1	1.5	1.4	1.6	1.6	1.5	1.4	1.4	1.0	1.2	1.5	4.5	5.2	4.2	3.5	5.2
Dardanelle	do.	22	5.3	5.1	5.5	5.2	5.1	4.7	4.5	4.5	4.4	4.4	4.0	4.1	4.1	3.8	4.0	4.2	4.2	3.5	3.5	3.6	3.5	3.5	3.4	3.3	3.0	3.2	4.2	5.2	7.2	6.2	6.1
Morrilton	do.	20	1.0	0.8	0.8	1.0	0.8	0.5	0.2	0.0	0.0	0.0	-0.2	-0.4	-0.3	-0.5	-0.6	-0.2	-0.2	-0.6	-1.2	-0.8	-0.9	-1.0	-1.0	-1.0	-1.2	-1.4	-0.6	1.2	2.8	2.6	1.6
Little Rock	do.	23	3.2	3.2	3.1	3.2	3.2	3.1	2.9	2.7	2.7	2.6	2.5	2.4	2.3	2.4	2.3	2.3	2.4	2.4	2.2	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8	2.1	3.2	4.3	4.2
Pine Bluff	do.	25	3.7	3.7	3.7	3.4	3.6	3.6	3.4	3.1	3.0	2.8	2.6	2.5	2.3	2.1	2.1	1.9	1.9	2.0	2.0	1.9	1.8	1.7	1.6	1.6	1.6	1.5	1.4	1.3	1.6	3.7	5.4
Gilbert	Buffalo	30	3.4	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Black Rock	Black	14	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.6	1.5	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.5	2.4
Heber Springs	Little Red	30	2.2	2.1	1.9	1.8	1.8	1.8	2.0	2.0	2.0	1.9	2.2	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.8	1.7	1.8	1.8	1.7
Ozark Beach Mo	White	30	0.7	0.8	1.0	-0.4	1.0	-0.4	1.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	0.8	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	0.4	-0.3	-0.3	1.0	-0.3
Cotter	do	21	2.4	2.2	2.3	2.2	3.0	3.2	2.4	2.6	3.2	3.0	2.1	2.1	2.3	1.9	2.1	2.0	2.1	1.9	1.9	1.8	1.8	1.9	2.2	2.3	1.6	1.6	3.3	3.6	2.7	1.8	1.9
Calico Rock	do	18	1.7	1.2	1.9	1.2	1.6	1.6	0.9	1.4	2.2	1.6	1.2	1.2	1.4	0.5	1.0	1.1	0.9	1.0	0.8	0.7	0.2	1.0	1.0	1.6	1.2	1.0	0.9	1.3	1.6	1.2	1.1
Batesville	do	23	5.6	5.8	5.6	5.9	5.6	5.8	5.7	5.3	5.6	6.2	5.8	5.5	5.6	5.5	5.1	5.2	5.4	5.3	5.3	5.3	5.0	4.8	5.2	5.4	5.7	5.6	5.5	5.2	5.4	5.3	5.7
Newport	do	26	0.3	0.4	0.5	0.3	0.4	0.3	0.4	0.3	0.1	0.2	0.6	0.4	0.1	0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.3	-0.3	-0.4	-0.2	-0.1	0.0	0.0	-0.1	-0.2	-0.2	0.1
Georgetown	do	21	0.4	0.5	0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.6	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.3
Des Arc	do	24	3.3	3.2	3.2	3.2	3.4	3.4	3.3	3.1	3.1	3.1	3.1	3.1	3.3	3.3	3.1	3.1	3.1	3.1	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8
Clarendon	do	26	7.4	7.5	7.5	7.5	7.5	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.4	7.4	7.5	7.4	7.3	7.2	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.8	6.9	6.9	7.2
St. Charles	do	25	7.3	7.4	7.5	7.4	7.4	7.4	7.5	7.6	7.5	7.5	7.5	7.4	7.4	7.4	7.4	7.4	7.4	7.3	7.1	7.1	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.7	6.7	6.8	7.0
Glenwood	Caddo	..	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.1	5.2	5.1	5.8
Arkadelphia	Ouachita	17	4.2	4.4	5.1	4.4	4.5	4.4	4.3	4.7	4.5	4.3	4.4	4.4	4.2	4.3	4.3	4.4	4.6	4.7	4.1	4.1	3.9	4.3	5.6	4.7	5.1	4.9	4.6	4.2	4.0	4.6	4.4
Boughton	Little Mo.	20	3.2	3.2	3.2	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.4	3.4	3.2	3.2	3.1	3.1	3.2	3.3	3.3	3.3	3.3	3.2	3.2	3.3	3.3	3.3	3.3	3.2	3.7	3.8
Camden	Ouachita	26	4.1	3.9	4.0	4.1	4.7	4.2	4.2	4.0	3.9	4.1	4.1	4.0	3.9	4.0	3.9	3.9	4.0	4.0	4.0	4.0	3.9	3.8	3.6	3.6	4.4	4.2	4.3	4.6	4.5	4.1	4.1
Benton	Saline	20	4.4	4.4	4.1	4.0	3.6	3.7	3.8	3.6	3.5	3.6	3.6	3.4	3.3	3.2	3.2	3.3	3.7	3.7	3.5	3.4	3.2	3.2	3.1	3.0	3.8	3.4	3.4	3.6	4.4	4.2	4.3
Index	Red	25	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	6.6
Fulton	do	25	5.0	5.0	5.0	5.0	4.9	4.9	5.0	4.9	4.9	4.8	5.2	5.4	5.4	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.2	5.2	5.0	5.1	5.2	5.2	5.3	5.3	5.2	5.2	6.1
Big Lake Outlet	St. Francis.	10	3.3	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.8	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.6	2.6	2.5	2.3	2.4
St. Francis	do	18	2.8	4.0	4.8	4.0	3.0	2.4	2.2	2.8	3.3	3.4	2.9	2.4	2.2	2.1	2.4	3.0	3.5	3.2	2.5	2.2	2.5	4.4	4.4	4.1	3.4	2.7	2.3	2.2	2.4	3.1	4.4
St. Francis L.L.	do	..	15.6	15.7	15.7	15.1	14.6	14.3	14.6	14.8	14.6	14.3	15.7	16.8	15.8	14.6	15.7	16.6	15.7	14.0	15.8	17.1	16.6	17.6	17.6	15.9	15.2	13.4	16.0	16.9	17.5	16.5	15.2
Marked Tree	do	17	3.0	3.2	3.2	3.3	3.2	3.0	2.8	2.8	2.8	2.7	1.2	0.9	3.0	3.1	1.4	0.8	3.0	2.9	1.0	0.7	0.6	0.5	3.2	3.2	3.1	2.8	1.0	0.7	0.5	3.1	3.2
Parkin	do	28	3.0	3.0	3.1	3.1	3.1	3.0	2.9	2.8	2.7	2.7	2.7	2.3	1.6	2.3	2.8	2.4	1.6	2.3	2.5	1.6	1.3	1.2	1.2	2.1	2.8	2.8	2.7	2.1	1.5	1.0	2.3
Madison	do	32	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.7	1.7	1.4	1.1	1.1	1.3	1.6	1.3	1.0	1.0	1.4	1.1	0.9	0.5	0.5	1.1	1.7	1.7	1.5	1.3	1.5	1.2
Helena	Mississippi	42	12.6	12.1	11.6	11.5	11.8	11.8	11.4	10.5	9.4	8.8	8.5	8.8	9.0	9.4	9.9	9.7	9.2	8.7	8.4	8.0	7.9	8.4	8.8	8.9	8.8	8.8	9.2	9.6	9.3	8.9	9.1
Arkansas City	do	42	9.7	9.4	9.0	8.6	8.3	8.3	8.4	8.2	7.5	6.7	5.9	5.4	5.7	6.0	6.0	6.3	6.3	6.0	5.6	5.3	5.0	4.7	4.9	5.3	5.6	5.5	5.5	5.6	5.9	5.8	5.6

Symbols for Climatological Data Table:--The departures from the normal temperature and precipitation are computed from the averages of the entire period for stations having 10 or more years of record. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Postoffice addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt. Sparkman; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Route 2, Winslow.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

Weather Bureau Office, Little Rock, Ark. 9 22-1944-1000

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Nat'l Hist

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLIX Little Rock, Ark., September, 1944 No. 9

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

Although the month averaged slightly below normal in temperature, it was warmer than the two preceding Septembers. Cool weather prevailed from the 6th to 14th inclusive, and during this period the lowest temperatures of the month occurred. The highest temperatures were recorded on the 4th and 21st at the majority of stations. However, these extremes did not approach those of previous years. With a preponderance of clear days, sunshine was ample. No destructive winds were reported during the month.

For the State as a whole, precipitation amounted to 56% of the September normal. Stations in the northeastern and northwestern sections reported the largest totals, while stations in Yell, Scott, and adjacent counties measured less than an inch. Gravelly and Steve, both in Yell County, recorded only a trace during the entire month. Most of the precipitation occurred between the 4th and 6th, and on the 27th and 28th, with the heaviest amounts occurring on the latter two days. There was an average of only four days with a measurable amount of rain during September. All streams in the State were at low stages.

The weather during September was very favorable for harvesting fall crops. Warm, sunny days during most of the month favored cotton picking and the harvesting of rice, and both of these activities made good progress. Good crops of hay were cut and stored. Plowing and the sowing of winter grains lagged during the latter part of the month because of the dry soil. The rains of the 27th and 28th benefited late crops and gardens, but at the close of the month, additional copious rains were needed in many sections.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 79 stations, was 73.8°, which is 0.5° below the 54-year average for September. The highest monthly mean temperature was 79.2° at El Dorado, and the lowest was 69.6° at Turnpike. The highest temperature recorded was 103° at Fordyce on the 21st and at Nimrod Dam on the 22d. The lowest temperature was 42° at Mount Ida on the 9th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 108 stations, was 1.84 inches, which is 1.45 inches below the 54-year average for September. The greatest monthly total was 4.61 inches at Osceola, and the least was a trace of rain at Gravelly and Steve. The greatest amount recorded in any 24-hour period was 3.30 inches at Osceola on the 28th-29th.

B.N.W.

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MISCELLANEOUS PHENOMENA

Dates of

High Winds:--2,5,11.

Thunderstorms: ----,2,4,5,6,10,11,12,17,20,26,27,28,30.

Heavy Fog;---1,2,10,16,27,28,29,30.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.19	24	29.80	28	6.3	21	nw.	4	86	57	57	73	0
Little Rock	30.20	25	29.79	28	6.6	19	se.	27	90	53	62	71	0
Memphis .	30.20	25	29.76	29	6.3	18	nw.	5	86	51	63	72	0

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	73.4	102	40	0.94	0	2	22	6	2
1892	70.8	96	32	2.14	0	3	23	4	3
1893	74.0	103	36	3.75	0	5	19	5	6
1894	73.1	100	38	3.56	0	6	14	8	8
1895	77.1	105	32	1.36	0	4	19	7	4
1896	73.3	106	35	3.25	0	10	11	9	10
1897	76.6	108	33	0.60	0	2	21	7	2
1898	75.2	104	40	7.35	0	8	15	6	9
1899	71.9	109	28	1.21	0	3	20	7	3
1900	78.0	104	48	4.25	0	7	12	12	6
1901	72.6	101	32	3.08	0	4	18	8	4
1902	68.4	99	30	5.06	0	8	15	8	7
1903	70.7	102	34	2.47	0	5	18	7	5
1904	75.4	101	37	2.46	0	5	15	9	6
1905	74.2	100	44	3.90	0	8	16	7	7
1906	75.7	100	47	6.24	0	10	11	9	10
1907	73.9	106	38	2.22	0	4	19	8	3
1908	73.4	101	29	4 00	0	7	13	8	9
1909	74.7	108	31	2 84	0	5	18	7	5
1910	76.4	101	44	2.41	0	5	18	8	4
1911	79.0	102	46	3.67	0	6	18	9	3
1912	78.5	106	32	2.40	0	4	18	8	4
1913	71.7	108	33	10.10	0	13	9	9	12
1914	74.4	101	38	3.19	0	5	16	9	5
1915	74.9	100	34	1.43	0	3	16	8	6
1916	72.5	102	30	3.40	0	6	19	6	5
1917	71.8	99	37	1.76	0	4	18	7	5
1918	67.3	104	29	4.63	0	7	16	5	9
1919	74.6	108	40	2.72	0	4	15	8	7
1920	74.9	100	30	3.56	0	6	17	6	7
1921	79.6	104	35	3.38	0	6	14	9	7
1922	76.2	106	37	1.25	0	3	22	5	3
1923	73.0	98	45	5.56	0	9	12	7	11
1924	69.7	103	29	3.99	0	7	17	5	8
1925	80.5	113	47	5.96	0	7	16	7	7
1926	76.8	101	40	3.99	0	7	14	8	8
1927	75.9	105	32	3.37	0	6	16	8	6
1928	70 5	101	32	0.45	0	1	22	5	3
1929	73 4	102	41	2.46	0	5	15	8	7
1930	75.7	106	35	4.10	0	8	15	8	7
1931	78.4	102	34	1.00	0	3	22	7	1
1932	73.8	103	35	2 54	0	6	12	10	8
1933	78.5	102	41	5.10	0	8	15	8	7
1934	71.3	100	37	5.46	0	8	15	7	8
1935	72.4	103	35	3.13	0	5	18	5	7
1936	78.9	109	38	4 15	0	7	12	10	8
1937	72.7	102	34	4.27	0	7	16	8	6
1938	75.7	107	32	1.55	0	4	17	10	3
1939	79.9	112	35	1.77	0	2	22	6	2
1940	71.2	100	31	1.83	0	4	17	7	6
1941	75.4	102	39	3.60	0	5	15	9	6
1942	71 3	100	28	3.52	0	7	15	8	7
1943	70.4	104	38	3.23	0	8	11	9	10
1944	73.8	103	42	1.84	0	4	17	7	6
Period	74.3	113	28	3.31	0	6	16	7	7

Corrections:-August, Oden, lowest temperature, 60° on the 31st. Rosebud, number days with 0.01 or more precipitation, 9.

Climatological Data for September, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	73.6	......	95	4§	47	9	1.17	......	1.08	27–28	0.0	2	4	21	5	w.	L. R. Water Works
Arkadelphia	Clark	200	48	76.4	0.0	102	21	52	9	2.31	−0.49	0.97	5	0.0	4	19	8	3	s.	George S Dews
Arkansas City	Desha	145	59	......	......	......	......	......	......	2.45	−0.34	0.62	1	0.0	7	24	3	3	......	John W. Trammell
Batesville Airway	Independence	363	7	73.8	+ 0.8	98	4	48	9	1.30	......	0.76	28	0.0	3	18	8	4	n.	Airway Observer
Batesville Livestk.	Independence	....	3	72.6	......	97	3§	44	9	0.92	......	0.92	28	0.0	1	23	2	5	e	University of Arkansas
Batesville River	Independence	277	44	......	......	......	......	......	......	1.92	−1.71	1.34	28	0.0	3	18	7	5	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	75.6	+ 1.2	99	21	53	9	1.68	−1.58	1.25	28	0.0	4	13	14	3	e.	Miss Minnie Scanlan
Benton	Saline	285	8	71.9	......	96	21	47	9	1.13	......	0.67	28	0.0	3	25	2	3	se.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	71.2	+ 0.3	94	4	53	22§	2.55	−1.72	0.95	27	0.0	6	14	13	3	s	E. L. Browne
Bethesda †	Independence	500	4	72.1	......	96	2	44	9	1.06	......	0.92	28	0.0	3	20	7	3	nw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	......	......	......	......	......	......	3.49	+0.49	2.16	28	0.0	5	13	9	8	......	N. W. Douglas
Black Rock	Lawrence	259	42	......	......	......	......	......	......	2.09	−1.51	1.16	4	0.0	3	23	1	6	......	Vernon C. Howe
Bluff City	Nevada	....	3	......	......	98	21	......	......	1.85	......	1.15	11	0.0	5	18	5	7	sw.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	73.4ᵇ	− 1.1	95	4	51ᶜ	24	3.41	+0.32	2.01	28	0.0	5	16	13	1	s	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	73.4	− 2.4	98	4	48	9	1.11	−2.32	0.78	5–6	0.0	3	19	6	5	ne.	F. H. Randolph
Boughton †	Clark	235	8	......	......	......	......	......	......	2.84	......	2.15	5	0.0	3	16	8	6	......	Katie B. Moore
Brinkley	Monroe	205	52	73.6	− 1.3	97	21	46	9	2.69	−0.61	1.21	28	0.0	7	16	8	6	s.	U. S. Weather Bureau
Calico Rock	Izard	361	39	......	......	......	......	......	......	1.12	−2.38	0.55	28	0.0	5	17	0	13	......	William Jones
Camden	Ouachita	116	58	75.1	− 0.6	99	21	51	9§	1.87	−1.20	0.50	11	0.0	7	12	13	5	se.	J. M. Knight
Camp Chaffee	Sebastian	419	..	74.3	......	98	4	52	8§	0.41	......	0.21	6	0.0	5	6	12	12	e.	U. S. Army
Camp Robinson	Pulaski	463	3	72.9	......	98	21	50	26	1.58	......	0.71	28	0.0	5	18	7	5	se.	U. S. Army
Clarendon	Monroe	172	39	......	......	......	......	......	......	1.79	−1.51	0.70	16	0.0	8	13	7	10	......	B. F. Northern
Conway	Faulkner	309	60	76.5	+ 0.8	102	21	49	9	1.15	−2.25	1.11	28	0.0	2	25	2	3	s.	F. E. Cordrey
Corning	Clay	293	50	73.1	+ 0.4	99	5	49	8	3.78	+0.26	2.78	4–5	0.0	5	16	8	6	n.	Richard C. Polk
Cotter	Baxter	440	16	......	......	......	......	......	......	2.97	−0.21	2.41	4	0.0	3	20	7	8	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	76.1	+ 0.4	97	21	52	14	0.91	−1.53	0.35	12	0.0	5	16	8	6	n.	U. S. Forest Service
Cummings Farm	Lincoln	176	..	74.8	......	98	4	53	9	3.20	......	1.70	5–6	0.0	4	24	4	2	se.	T. C. Cogbill
Danville	Yell	327	27	......	......	......	......	......	......	0.49	−2.88	0.27	5–6	0.0	3	20	6	4	......	J. M. Patterson
Dardanelle	Yell	330	57	75.1	− 0.4	99	21	48	9	1.11	−2.25	0.51	27	0.0	4	9	15	6	e.	Geo. N. Goodier
DeQueen	Sevier	426	8	73.4	......	96	21	50	9	2.26	......	1.51	5	0.0	3	18	8	4	......	L. D. McCown
Des Arc	Prairie	204	5	74.0ᵃ	......	96ᵃ	4	48ᵃ	9	1.59	......	0.82	28	0.0	7	7	11	12	se.	Z. R. Glenn
Devils Knob †	Johnson	2350	7	70.2	......	88	21	53	7§	2.06	......	1.65	27	0.0	3	18	6	6	se.	U. S. Forest Service
Dumas	Desha	162	38	76.0	− 0.2	98	3§	52	9§	2.48	−0.50	1.22	5–6	0.0	5	12	11	7	s.	Ben Johnson
El Dorado	Union	270	43	79.2	+ 2.0	98	21	58	9	2.62	−0.23	0.75	28	0.0	7	19	8	3	s.	Mrs. E. W. Gaston
England	Lonoke	229	37	75.8	+ 0.3	96	4	53	24	0.63	−2.53	0.58	28	0.0	2	5	22	3	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	43	71.4	− 0.9	93	4	48	8	2.82	−1.71	0.95	4	0.0	5	23	4	3	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	6	71.2	......	92	21	47	8	2.75	......	1.28	28	0.0	6	7	15	8	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	56	70.4	− 1.8	93	4	45	8§	1.99	−1.98	1.08	28	0.0	4	18	12	0	s.	University of Arkansas
Fordyce	Dallas	280	3	77.0	......	103	21	53	9§	3.27	......	2.22	28–29	0.0	3	10	18	2	ne.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	74.9	+ 0.9	95	4	55	8	0.39	−2.60	0.29	27	0.0	5	16	8	6	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	......	......	......	......	......	......	0.90	......	0.68	27	0.0	3	23	3	4	......	Ft. Smith Water Plant
Fulton	Hempstead	260	58	......	......	......	......	......	......	0.73	−1.80	0.38	5	0.0	6	17	6	7	......	Ina J. Logan
Garland	Miller	235	1	......	......	......	......	......	......	1.02	......	0.60	5	0.0	3	15	0	15	......	L. D. Denney
Georgetown	White	200	31	......	......	......	......	......	......	1.72	−1.78	0.88	28	0.0	7	23	0	7	......	C. G. Long
Gilbert	Searcy	600	18	70.4	......	97	4	44	7	1.34	−2.45	0.76	4–5	0.0	4	23	1	6	s.	F. E. King
Glenwood	Pike	547	8	......	......	......	......	......	......	1.34	......	0.58	5–6	0.0	4	19	1	10	......	Chas. A. Price
Grannis	Polk	950	24	74.0	0.0	100	21	50	9	0.79	−3.70	0.39	28	0.0	5	14	8	8	sw.	W. E. McVay
Gravette	Benton	1250	46	71.0	− 0.2	94	4	45	12	3.11	−1.14	1.15	27	0.0	4	15	9	6	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	73.1	......	96	4	53	12§	0.73	......	0.38	4–5	0.0	2	16	10	4	s.	U. S. Forest Service
Harrison	Boone	1052	43	71.2	+ 0.5	95	4	46	9	2.11	−1.93	0.83	28–29	0.0	5	21	6	3	nw.	J. M. McGaughey
Heber Springs (near)	Cleburne	272	14	......	......	......	......	......	......	2.82	−1.68	2.21	28	0.0	3	17	9	4	......	Lester B. Logan
Helena	Phillips	300	71	74.4	− 1.0	95	21	51	9	2.66	−0.59	0.85	28–29	0.0	6	18	4	8	ne.	James A. Burnett
Highland	Pike	491	24	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Clyde Cooley
Hope 3 miles e ‡‡	Hempstead	375	73	75.4	− 0.7	101	21	52	9	1.52	−1.55	0.57	5	0.0	7	19	4	7	e.	University of Arkansas
Hot Springs	Garland	600	52	76.8	+ 1.0	102	21	52	9	1.01	−2.41	0.92	27–28	0.0	3	20	7	3	s.	National Park Service
Index †	Little River	275	26	......	......	......	......	......	......	0.75	−1.86	0.40	28	0.0	3	22	1	7	......	W. E. McDowell
Jessieville	Garland	750	17	......	......	......	......	......	......	0.70	−2.14	0.70	28	0.0	1	17	10	3	se.	U. S. Forest Service
Jonesboro	Craighead	345	48	74.2	− 0.2	97	4	51	9	3.12	−0.29	2.51	28	0.0	6	10	16	4	ne.	Benedictine Sisters
Lead Hill	Boone	650	37	70.0	− 2.2	96	4	43	9	1.79	−1.77	0.71	28	0.0	6	23	3	4	w.	J. H. Crosswhite
Little Rock	Pulaski	257	64	75.7	+ 1.6	97	21	55	9	1.07	−2.10	0.71	28	0.0	5	15	8	7	ne.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	72.8	− 1.3	97	3	50	9	1.65	−2.50	0.95	27	0.0	4	20	5	5	w.	Clarence Lenhardt
Madison	St. Francis	209	13	......	......	......	......	......	......	3.46	+0.90	1.08	28	0.0	5	14	1	15	......	J. W. Eppes
Magnolia	Columbia	315	27	74.8	− 3.0	97	21	50	9	3.60	+1.63	1.68	5	0.0	5	8	17	5	se.	State Agri. School
Mammoth Spring	Fulton	600	39	72.4	+ 0.7	98	4	46	10	1.17	−2.47	0.81	27	0.0	2	26	2	2	s.	Ray H. Hall
Marianna	Lee	235	32	73.2	− 1.1	95	21	50	9	1.47	−1.19	0.92	28	0.0	3	10	13	7	s.	University of Arkansas
Marked Tree	Poinsett	229	39	72.6	− 1.0	96	4	52	8§	3.64	+0.73	2.00	28	0.0	7	16	10	4	s.	Charles Walton
Marshall	Searcy	1050	..	72.4	+ 0.5	94	4	47	9	1.13	−3.13	0.67	4–5	0.0	4	17	9	4	sw.	W. F. Reeves
Mena	Polk	1207	55	73.6	− 0.7	96	4§	48	9	0.40	−3.53	0.29	5–6ᵃ	0.0	3	14	12	4	sw.	E. W. St. John
Monticello	Drew	273	3	76.4	......	96	3	58	9§	1.96	......	0.78	28–29	0.0	7	19	7	4	n.	Airway Observer
Morrilton †	Conway	315	27	73.8	− 1.4	99	4§	46	9	1.10	−1.78	0.99	28	0.0	2	14	6	10	se.	Mrs Nova A. Berry
Mountainburg	Crawford	712	6	......	......	......	......	......	......	0.80	......	0.56	27	0.0	3	17	6	7	s.	C. A. Lovell
Mountain Home †	Baxter	800	31	71.8	− 0.1	96	4	46	9	2.40	−1.49	0.60	28	0.0	4	22	1	7	w.	H. N. Haibert
Mountain Valley	Garland	788	6	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	C. A. Cockman
Mount Ida	Montgomery	702	44	72.6	− 0.6	100	21	42	9	0.33	−3.25	0.29	28	0.0	2	14	10	6	s	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	......	......	......	......	......	......	0.72	......	0.41	27	0.0	3	19	4	7	......	H. G. Arvin
Nashville	Howard	350	5	......	......	......	......	......	......	4.05	......	3.18	5–6	0.0	3	23	0	7	e.	Carter Day
Newport	Jackson	231	60	74.8	+ 0.4	97	4	51	9	3.38	−0.08	2.27	28	0.0	5	18	2	10	sw.	W. T. Moyer
Nimrod Dam	Perry	475	2	75.6	......	103	22	51	9	0.66	......	0.46	28	0.0	3	24	4	2	sw.	U. S. Engineers
Oden	Montgomery	800	16	73.8	......	96	21	47	9	0.47	−2.70	0.31	28	0.0	2	17	9	4	sw.	U. S. Forest Service
Okay	Howard	288	15	73.8	− 3.3	101	21	51	9	2.45	−0.35	0.88	12	0.0	6	12	13	5	ne.	Charles R. Jackson
Osceola	Mississippi	250	43	......	......	......	......	......	......	4.61	+1.89	3.30	28–29	0.0	7	21	3	6	......	G. M. Serey
Ozark	Franklin	396	48	73.8	− 1.8	96	3§	51	8§	1.57	−1.88	0.87	27	0.0	3	11	5	14	e	Orkney O. Milton
Paragould	Greene	275	20	72.4	......	94	4	50	9	2.86	+0.34	1.89	28–29	0.0	8	23	4	3	se	J. E. Garrett
Parkin	Cross	222	13	......	......	......	......	......	......	2.96	+0.27	1.60	28–29	0.0	5	15	5	10	......	Carroll King
Perryville	Perry	325	4	73.2	+ 0.2	99	21	45	9	0.94	−2.56	0.94	28	0.0	1	21	9	0	sw	Lillie Cranford
Pine Bluff	Jefferson	215	56	78.0	+ 1.5	99	21	55	9	1.32	−2.09	0.66	28–29	0.0	7	12	15	3	sw.	Miss Theresa Seheu
Pine Ridge	Montgomery	840	19	......	......	......	......	......	......	0.33	−2.98	0.15	28	0.0	4	22	3	5	sw.	J. B. Huddleston
Pocahontas	Randolph	300	50	74.1	+ 0.6	99	4	52	9	1.19	−2.23	0.68	5	0.0	3	16	8	6	sw.	Benedictine Sisters
Portland	Ashley	122	37	76.6	+ 0.4	97	21	54	9	2.38	−0.21	0.93	6	0.0	8	15	7	8	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	77.6	+ 1.0	100	21	55	9	1.75	−1.19	0.65	11	0.0	8	17	8	5	s.	W. R. Hambright
Rogers	Benton	1300	53	70.0	− 1.3	92	4	47	8	2.83	−1.23	0.99	28	0.0	5	17	7	6	s.	Howard Fowler
Rosebud	Faulkner	680	9	......	......	......	......	......	......	2.04	......	1.93	28	0.0	2	21	8	1	e.	G. A. Maddox
Russellville ‡‡	Pope	526	31	74.7	+ 0.5	99	21	48	9	0.70	−3.16	0.48	27	0.0	3	3	24	3	e.	U. S. Forest Service
St. Charles	Arkansas	175	10	75.4	......	95	4§	51	9	1.97	......	1.11	11	0.0	6	20	7	3	s.	U. S. Biological Survey
St. Francis	Clay	290	16	......	......	......	......	......	......	2.18	−1.63	1.58	4	0.0	3	19	0	11	......	W. S. Buckley
Searcy	White	245	33	75.0	+ 0.4	97	4	51	9	1.47	−1.57	1.20	28	0.0	6	21	5	4	se.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	73.5	......	97	21	48	9	1.18	......	0.62	28	0.0	6	6	20	4	se.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	70.8	......	92	4	47	12§	2.72	......	0.98	27	0.0	5	1	26	3	n.	John Brown University
Story	Montgomery	650	19	......	......	......	......	......	......	0.55	−2.37	0.40	27	0.0	2	26	3	1	s.	S. C. Story
Stuttgart	Arkansas	214	56	75.6	+ 0.4	95	4	55	9	0.62	−2.53	0.60	28	0.0	2	20	5	5	s.	Geo. L. Clark
Stuttgart 9 miles e ‡‡	Arkansas	198	8	73.4	......	93	4§	52	9	4.25	......	1.23	5	0.0	4	......	......	......	......	University of Arkansas
Subiaco	Logan	750	45	75.1	− 0.5	97	4	49	9	0.59	−2.85	0.20	28	0.0	4	24	1	5	se.	New Subiaco Abbey

Climatological Data for September, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Texarkana	Miller	332	59	76.0	− 1.1	99	21	54	9	1.86	−0.91	1.06	5	0.0	4	18	5	7	ne.	U S. Weather Bureau
Turnpike†	Pope	2240	19	69.6	......	87	21	51	8	1.35	−3.65	0.88	26−27	0.0	4	18	5	7	sw	U. S. Forest Service
Waldron	Scott	675	24	72.2	......	97	4	44	9	0.62	−2.64	0.57	5	0.0	3	10	16	4	ne.	William D. Bivens
Warren	Bradley	206	49	77.0	+ 0.7	96	4+	54	9	1.90	−1.48	1.19	12	0.0	7	16	10	4	ne.	C. N. Turner
Whitecliffs	Little River	290	37	....	......	......	......	......	......	1.94	−0.59	0.81	11	0.0	4	22	0	8	......	L. M. Snead
White Rock†	Franklin	2285	7	70.0	......	87	4	54	7	1.56	......	0.97	27	0.0	4	18	9	3	se.	U. S. Forest Service
Wilson	Mississippi	237	18	72.0	− 1.7	96	4	49	8+	4.18	+1.87	2.68	28	0.0	4	13	0	17	se.	D. O. Anderson
Wynne	Cross	167	35	73.2	− 1.4	94	5+	50	9	2.76	−0.52	1.23	28	0.0	7	16	5	9	......	Mrs. Claudia A. Ford
State Means		....	..	73.8	− 0.5	103	21+	42	9	1.84	−1.45	3.30	28−29	0.0	4	17	7	6	s.	

Daily Precipitation for September, 1944

Stations	Drainage basin	Day of Month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Total
Abbott [2]	Arkansas						.10																						.12	.44			0.66
Alum Fork Reser.	Arkansas						.09						T.																1.08	T.			1.17
Aplin [2]	Arkansas						T																							.70			0.70
Arkadelphia [2]	Ouachita	T	T				.97						.64			T.													.10	.60	T.		2.31
Arkansas City [2]	Mississippi	.62	T.				.34					.51	.55																.01	.31	.11		2.45
Augusta [2]	White	.14	T.			.20	.08						.38									T							.03	1.20			2.03
Batesville Air'y [1]	White					.49						.05																	.76				1.30
Batesville Livestk [2]	White					T	T.						T.																	.92			0.92
Batesville River [2]	White					.30	.28																							1.34			1.92
Beaty Lake	St. Francis	.02	.03			.33	.42				T.	.19	.09																.81	.39			2.28
Bee Branch	Arkansas					.28	.10					.05																	1.25				1.68
Beech Grove	White																																...
Beedeville [2]	White					.17	2.31						.04															.03		1.36			3.91
Benton [2]	Saline						.21						.25																	.67			1.13
Bentonville [2]	Arkansas					.80						.06																.95	*	.72	.02		2.55
Bethesda [2]	White					.07							.07																	.92			1.06
Big Lake Outlet [2]	St. Francis	.18	T.			1.05	T.					.08	.02																	2.16			3.49
Black Rock [2]	White					1.16							.24																T	.69			2.09
Bluff City	Ouachita						.18					1.15			.06														.41	.05			1.85
Blytheville [2]	St Francis			.38		.79						.19	.04																	2.01	T.		3.41
Booneville 3 mi-W	Arkansas						.76																					.30	.05	T.			1.11
Booneville [2]	Arkansas						.58																					.28	.02	.07			0.95
Boughton [2]	Ouachita	.10					2.15																								.59		2.84
Brinkley [1]	White		.16		T.	.02	.33				T.	.94										.01						T.	1.21	.02			2.69
Burdette	Mississippi		.39			1.06						.12																	1.98	.78			4.33
Calico Rock [2]	White					.40	.07						.05									.05							T.	.55			1.12
Camden [2]	Ouachita	.38	.20				.37						.50			.04													.03	.85	T.		1.87
Camp Chaffee [2]	Arkansas					.01	.21							T.														.02	.14	.03	T.		0.41
Camp Robinson [1]	Arkansas		.04			.12	.57																				.14		.71				1 58
Carlisle [2]	Arkansas																																....
Clarendon [2]	White	.26	.05				.16					.01	.05					70											.01	.55			1.79
Cold Springs [2]	Ouachita					*	.53																					.18		.22			0.93
Conway	Arkansas						.04																						1.11				1.15
Corning [2]	White					2.78						.05	.05																.43	.47			3.78
Cotter [2]	White					2.41																							.11	.45			2.97
Crossett	Ouachita					T.	.06					.06	.35																.35	.09			0.91
Crystal Valley [2]	Arkansas		.11				.16					.16																	.84				1.27
Cummins Farm	Arkansas						1.70						.80																.40	.30			3.20
Danville [2]	Arkansas						.27																						.04	.18			0.49
Dardanelle [2]	Arkansas						.27	T.																				T.	.51	.31	.02		1.11
Denmark [2]	White																																....
De Queen	Red						1.51																						.30	.45			2.26
Dermott [2]	Mississippi	.73				.16						.07	.44			.02													T	.83	.02		2.27
Des Arc [2]	White	.10	.12	T.		.06	.08					T.	.38									T.							.03	.82			1.59
Devils Knob	Arkansas					.14																						1.65	.27				2.06
Dumas	Mississippi						1.22				.01		.26																.10	.89			2.48
Eagle Gap [2]	Arkansas			T.		.13	.56																					.02	.15	.07			0.93
El Dorado [2]	Ouachita	1.60					.13						.05			.02		.04											.03	.75			2.62
Eleven Point	White					1.58							.16	T.								T.							T.	.52			2.26
England	Arkansas											T.																	.58	.05			0.63
Eureka Springs	White					.95						.52																.40	.92	.03			2.82
Evening Shade [2]	White					.80							.02									T.								.87			1.69
Fayetteville	White				T.	.75						.01	T.	T.														.68	1.28	.02	.01		2.75
Fayetteville Exp. S	White					.39						.02	T.															.50	1.08	T.			1.99
Fordyce	Arkansas		T.				1.05						T.																.21	2.01			3.27
Forester [2]	Arkansas						.96																							T.			0.96
Fort Smith [1]‡	Arkansas				.05	.03	.07					T.						T.										.20	.04				0.39
Fort Smith W. [1]	Arkansas					.04	T.					T.																.68	.18				0.90
Fulton [2]	Red						.38	T.					.15						.02										.08	.07	.03		0.73
Garland [2]	Red	.11					.60																						T	.31			1.02
Georgetown [2]	White	.09	.08			.07	.20						.23									.17								.88			1 72
Gilbert [2]	White					.66	.10																						.28	.30			1.34
Glenwood [2]	Ouachita						.58																						.13	.43	.20		1.34
Grannis	Red		.02	T.		T.	.23								.04													T.	.39	.11			0.79
Gravelly [2]	Arkansas						T.																							T.			T.
Gravette	Arkansas					.96						.10																1.15	.90				3.11
Green Forest	White					1.36																						.23	.81	.04			2.44
Green Mountain	White					.38						T																T	.35	T.			0.73
Greenwood [2]	Arkansas						.40																						.62	.03			1.05
Harrisburg [2]	St. Francis					1.00																								2.59			3.59
Harrison	White					.73						.04																.51	.75	.08			2.11
Heber Springs [2]	White					.56	.05																							2.21			2.82
Helena [2]	Mississippi	1.48					.20						.12																.01	.80	.05		2 66
Henderson [2]	White					1.75															.11								.17	.75			2.78
Highland	Ouachita																																....
Hollis	Arkansas																												.34				0.34
Hope [2]	Red	.09					.57	.05					.45																.08	.22	.06		1.52
Hot Springs	Ouachita					T	.05																						.92	.04			1.01
Huttig [2]	Ouachita	1.20					.36					.06	.46																T.	.27			2.35
Index [2]	Red						.15																						.40	.20			0.75
Jessieville	Ouachita																												.70				0.70
Jonesboro [2]	White	.02	.15			.35	.05						.04																T.	2.51			3.12

Daily Precipitation for September, 1944 Continued

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
LaCrosse[2]	White					.98																								.84		1.82
Lake City[2]	St. Francis				*	.18		T.																				T.	T.	.28		0.46
Lead Hill	White					.37						.18	.06	T.														.43	.71	.04		1.79
Little Rock[1‡]	Arkansas		.18			T.	.11					.01															.06	T.	.71	T.		1.07
Lutherville	Arkansas					.55	.03																					.95	.12			1.65
Madison[2]	St. Francis	.45				.85	.78						.30																T.	1.08		3.46
Magnolia	Red					1.68	.17						.28																1.28		.19	3.60
Mammoth Spg[2]	White					.36																							.81			1.17
Marianna[2]	St. Francis						.10						.45																	.92		1.47
Marked Tree[2]	St. Francis	.20	.25	.27		.59							.03															.30		2.00		3.64
Marshall	White					.67						T.												.02				.22	.22	T.		1.13
Marvell[2]	White																															....
Mena[2]	Ouachita						.29									T.			T.									T.	.01	.10		0.40
Monticello[1‡]	Ouachita					.51						.61			.01	.04												.01	.24	.54		1.96
Morobay[2]	Ouachita	1.72					1.04						.05																.03	.51		3.35
Morrilton[2]	Arkansas						.11																							.99		1.10
Mountainburg	Arkansas					T.	.04																					.56	.20	T.		0.80
Mountain Home	White				*	1.70																						.10	.60			2 40
Mountain Valley	Ouachita																															....
Mountain View[2]	White																															....
Mount Ida	Ouachita						.04																						.29			0.33
Mulberry[2]	Arkansas					.10	T.																					T.	.41	.21		0.72
Nashville	Red						3.18					T.		T.														T.	.82	.05		4 05
Newhope[2]	Ouachita						.62																						*	.50	.38	1.50
Newport[2]	White	.03				.40	.36						.32																	2.27		3.38
Nimrod Dam	Arkansas					.18																						.02	.46			0.66
Odell[2]	Arkansas					.52						.03																.21	.05	.80		1.61
Oden	Ouachita						.16																						.31			0.47
Okay	Red	.50		.34									.88					T.											.55	.13	.05	2 45
Osceola[2]	Mississippi	.25	.08	.20	T	.71	T.			T.		.05	.02															T		3.30		4.61
Ozark[3]	Arkansas					T.	.46																					T.	.87		.24	1.57
Paragould	St. Francis	.03	.08			.61						.15	.02														.08		1.84	.05		2.86
Parkin[2]	St. Francis	.19				.55	.50																					.12		1.60		2.96
Perryville	Arkansas					T																							.94			0.94
Pine Bluff[2]	Arkansas	.28	.04				.24					.03	.05																.02	.66		1.32
Pine Ridge[2]	Ouachita					.09	.06																					.03		.15		0.33
Pocahontas	White					.68						.03																	.48			1.19
Portland[2]	Ouachita	.60					.93					.19	.20			T.		.18											.05	.18	.05	2.38
Prescott[2]	Ouachita	.11					.59	.03					.65			.03													.09	.23	.02	1.75
Red Star	White					.26									T.							.02						.30	.62			1.20
Rogers	White					.97						.10																.76	.99	.01		2.83
Rosebud	Arkansas					.11																							1.93			2.04
Russellville	Arkansas					.04						T.																.48	.18			0.70
St. Charles	White	.07					.16				T.		1.11									.03							.27	.33		1.97
St. Francis[2]	St. Francis					1.58							.05																	.55		2.18
Searcy[2]	White	.02	.01			.13	.05						.06																	1.20		1.47
Sheridan	Ouachita		.10				.22					.04	.13																.62	.07		1.18
Shirley[2]	White					.35							.20																	.70		1.25
Siloam Springs	White					.87						.30	T.															.98	.55	.02		2.72
Sparkman	Ouachita						.41						.11																.30	.70		1.52
Stamps	Red						.40					.26						T											.68	.29		1.63
Stephens[2]	Ouachita																															....
Steve[2]	Arkansas																													T.		T.
Story[2]	Ouachita							.15																					.40			0.55
Stuttgart[2]	Arkansas						.02																							.60		0.62
Stuttgart Evap[2]	Arkansas	1.00					1.23						1.05																	.97		4.25
Subiaco	Arkansas						.10	.13																				.16	.20			0.59
Sugar Grove[2]	Arkansas						.19																					.07		.14		0.40
Texarkana[1‡]	Red					1.06	.11																					T	.66	.03		1.86
Tichnor[2]	White	.56					.58						.25																	.39		1.78
Turnpike	Arkansas					.19																						.88	.24		.04	1.35
Viola[2]	White					1.40																							.23	.49		2.12
Waldron[2]	Arkansas					.57																						.03	.02			0.62
Walnut Grove	White						1.70						T.														.32		1.32			3.34
Warren	Ouachita	.01				.03						.01	1.19			.03													.47	.16		1.90
Whitecliffs[2]	Red						.50						.81																.33	.30		1.94
White Rock	Arkansas					.22																						.97	.27	.10		1.56
Wilson[2]	Mississippi	.31				.99						.20																		2.68		4.18
Wynne[2]	St. Francis	.16	.16			.34	.15						.08															.64		1.23		2.76

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for September, 1944

(See precipitation data in table on preceding page)

Station	Data	Day of month																														Monthly
		1	2	3	4	6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Bethesda §§	Evap.	.060	.366	.269	.296	.336	.106	.266	.154	.107	.240	.161	.330	.130	.369	.286	.188	.245	.224	.400	.184	.283	.320	.274	.299	.125	.217	.270	.202	....	.232	6.939
	Mean tem.	71	78	81	82	77	76	66	63	63	68	68	68	67	68	70	66	66	74	76	79	80	76	66	68	66	72	75	71	70	72	72.0
	Wind move	20	39	49	61	70	35	75	38	40	36	36	68	46	46	47	35	13	40	30	44	32	86	14	20	12	48	30	52	50	17	1229
Hope, Exp. Farm §§	Evap.	.119	.152	.201	.232	.245	.284	.157	.146	.202	.177	.163	.206	.165	.200	.135	.086	.204	.166	.179	.159	.226	.311	.262	.200	.183	.157	.143	.140	.046	.070	5.316
	Mean tem.	76	78	83	84	82	76	70	68	68	72	75	67	70	70	74	78	80	76	73	78	83	79	72	72	75	77	76	74	72	75	75.4
	Wind move	20	23	40	30	40	32	46	46	31	33	13	36	27	25	13	25	23	12	17	11	21	58	31	39	21	20	16	32	41	33	855
Nimrod Dam	Evap.	.090	.251	.225	.215	.195	.276	.264	.090	.194	.177	.153	.248	.206	.122	.162	.244	.204	063	.196	.208	.222	.154	.240	.226	.182	.152	.142	.076	.058	.134	5.369
	Mean tem.	73	80	82	86	80	77	70	72	66	71	73	67	70	68	82	78	78	76	77	80	84	82	71	72	72	76	79	76	71	75	75.6
	Wind move	22	7	8	15	24	10	7	7	6	5	33	41	31	11	9	14	8	8	14	12	18	11	12	9	7	16	5	5	2	12	389
Russellville	Evap.	.204	.190	.195	.205	.188	.132	.140	.180	.140	.190	.180	170	.168	.180	.148	.200	.194	.208	.202	.198	.270	.184	.186	.188	.190	.134	.132	.034	.100	.136	5.166
	Mean tem.	72	80	82	83	82	78	67	66	66	71	73	68	67	68	74	77	76	76	76	79	82	81	77	72	75	76	80	73	73	76	74.7
	Wind move	14	14	16	14	14	16	20	13	11	14	20	23	19	13	12	7	9	29	9	14	22	6	27	4	13	10	9	11	16	13	432
Stuttgart, Rice Exp. Farm §§	Evap.	.007	.142	.171	.195	.213	.265	.173	.148	.182	.153	.163	.121	.168	.053	.260	.134	136	.171	.107	.156	.171	.197	.312	.055	.167	.121	.133	.132	.. .	.127	4.533
	Mean Tem.	75	78	82	81	79	76	70	66	67	67	72	69	68	67	71	72	74	74	75	80	79	74	74	73	70	73	76	72	70	76	73.4
	Wind move	33	53	69	42	39	27	33	54	39	23	52	15	31	33	5	31	25	17	18	30	13	61	24	44	34	11	46	42	59	25	1008

Daily Temperatures for September, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	85	90	93	95	94	88	82	80	84	89	86	79	79	84	91	93	90	91	92	93	95	95	87	85	88	90	88	80	73	85	87.5
	Minimum	55	67	69	69	65	66	59	52	47	53	60	51	53	52	56	62	62	60	61	63	64	65	54	56	57	61	65	63	62	62	59.7
Arkadelphia §§	Maximum	90	97	97	99	95	87	77	81	84	90	88	85	87	88	93	95	93	93	95	96	102	91	90	88	90	93	93	77	76	88	89.9
	Minimum	73	67	72	71	70	69	57	54	52	53	65	63	56	54	61	65	53	63	58	63	66	67	56	63	57	66	71	68	67	65	62.8
Batesville Air. ***	Maximum	89	93	95	98	89	86	82	79	83	87	85	83	84	85	89	92	90	91	93	95	97	90	87	83	88	91	88	78	76	86	87.7
	Minimum	59	69	72	73	68	62	55	50	48	54	63	56	53	54	55	62	61	60	60	64	67	57	54	55	52	57	68	66	64	62	60.0
Batesville, Livestk §§	Maximum	87	91	97	95	95	84	77	78	82	86	85	82	82	85	88	92	88	89	92	93	97	89	85	81	86	90	84	72	76	84	86.4
	Minimum	66	66	72	72	67	66	52	46	44	49	56	54	55	52	52	56	70	60	59	63	66	56	51	54	50	54	64	69	64	60	58.8
Bee Branch	Maximum	86	88	92	95	94	84	82	81	85	88	87	82	85	85	89	93	91	92	93	94	99	93	90	85	90	91	87	82	80	85	88.3
	Minimum	62	69	69	70	69	70	60	54	53	60	64	58	55	57	58	63	64	63	63	65	69	63	59	59	60	62	67	67	66	65	62.8
Benton §§	Maximum	87	90	92	94	91	85	78	78	80	82	84	81	84	85	89	93	89	89	90	93	96	89	87	85	87	89	86	74	78	85	86.3
	Minimum	63	63	64	67	66	67	59	50	47	48	55	54	51	51	52	56	59	59	58	59	61	59	49	50	55	50	60	66	65	62	57.5
Bentonville §§	Maximum	85	88	91	94	83	78	75	78	80	85	75	77	78	84	89	90	88	87	88	91	91	87	82	68	84	89	75	75	70	83	82.9
	Minimum	62	62	65	74	70	69	55	55	54	54	56	55	55	59	55	56	62	63	64	59	61	53	53	58	54	55	58	65	63	63	59.6
Bethesda §§	Maximum	86	91	93	95	87	84	77	79	82	87	85	82	82	86	88	92	89	90	94	94	96	89	84	82	85	90	85	74	75	85	86.3
	Minimum	56	65	69	69	67	67	55	47	44	49	50	54	52	50	52	60	64	57	57	64	65	63	49	53	48	55	65	68	64	58	57.9
Bluff City	Maximum	85	92	93	95	92	87	81	78	80	83	85	81	82	85	90	89	88	90	90	91	98	93	85	85	86	88	87	81	79	84	86.8
	Minimum	..	..	..	..	..	..	..	56	62	..	..	..	..	..	..	..	..	..	..	..	70	67	55	60	60	67	71	67	66	64	....
Blytheville	Maximum	85	89	93	95	88	85	81	76	81	84	71	79	82	82	84	87	89	89	90	91	91	83	81	79	83	89	87	86	81	81	84.7
	Minimum	63	68	67	69	67	68	58	52	53	58	66	61	55	58	70	67	67	..	..	..	68	57	53	51	53	64	67	67	64	62	62.0
Booneville	Maximum	88	90	94	98	91	85	77	79	81	87	83	83	82	80	92	92	90	91	92	95	95	91	88	83	88	94	87	79	79	87	87.4
	Minimum	56	63	71	69	67	65	57	49	48	51	60	52	52	51	57	61	64	62	60	59	63	58	58	56	52	59	70	69	65	60	59.5
Brinkley ***	Maximum	86	91	94	96	92	87	80	78	83	86	85	82	83	84	86	90	89	88	91	93	97	87	86	84	86	90	88	76	78	85	86.7
	Minimum	63	73	73	69	68	66	57	50	46	58	64	57	53	54	55	63	56	58	61	62	66	54	50	56	55	65	69	65	64	63	60.4
Camden	Maximum	83	92	93	92	93	88	77	80	84	87	92	82	84	86	91	93	91	92	93	95	99	89	92	87	91	90	87	80	78	85	88.2
	Minimum	62	73	74	71	70	66	64	55	51	57	64	57	56	53	60	64	65	61	62	64	61	65	51	56	58	64	60	67	65	64	62.0
Camp Robinson ***	Maximum	85	92	95	98	91	85	77	77	81	87	85	82	83	85	91	94	89	90	91	94	96	88	88	85	88	89	90	77	79	87	87.3
	Minimum	59	58	56	53	51	66	59	53	58	57	65	58	54	54	56	62	62	60	60	63	60	57	56	54	53	50	67	63	63	68	58.5
Conway	Maximum	90	94	98	99	94	89	81	82	86	90	89	87	89	90	96	98	96	95	97	97	102	93	92	87	92	96	90	82	76	90	91.2
	Minimum	62	69	72	71	67	70	59	51	49	56	65	57	54	55	58	65	64	62	62	65	66	61	53	57	55	62	70	67	67	64	61.8
Corning	Maximum	91	94	96	98	99	84	78	79	84	87	81	81	83	83	88	88	89	88	91	95	92	88	81	78	84	88	86	76	73	83	86.2
	Minimum	60	66	72	72	68	68	56	49	51	55	67	59	52	55	57	57	58	60	61	65	65	56	53	55	50	57	66	65	63	61	60.0
Crossett	Maximum	88	95	95	96	95	87	82	80	85	84	86	82	86	87	92	91	90	90	93	94	97	88	87	87	90	89	86	81	81	86	88.3
	Minimum	67	73	72	70	71	69	66	60	57	61	69	60	54	52	61	64	61	60	69	65	67	69	54	55	62	64	64	67	68	67	63.9
Dardanelle	Maximum	89	93	95	97	92	89	83	81	84	88	88	81	83	83	83	93	92	91	93	95	99	97	89	87	89	90	89	82	78	87	88.7
	Minimum	56	66	72	72	68	68	59	50	48	53	65	55	54	53	57	62	67	61	61	64	67	63	56	57	56	63	71	68	68	66	61.5
De Queen	Maximum	84	88	90	91	90	85	80	77	78	84	80	82	80	78	87	87	85	86	86	89	96	94	85	83	85	86	84	82	80	82	84.8
	Minimum	58	68	70	71	70	68	63	54	50	53	62	53	53	52	62	62	66	62	61	60	65	64	54	61	60	69	71	68	66	62	61.9
Des Arc	Maximum	87	89	94	96	95	90	91	78	81	86	..	79	82	83	86	90	84	84	86	91	92	92	85	84	87	82	81	79	78	86	86.1
	Minimum	61	70	74	72	62	67	61	53	48	60	..	58	53	55	57	65	61	62	63	65	67	68	53	57	56	65	68	65	64	63	61.8
Devils Knob	Maximum	80	82	85	86	79	75	72	73	76	82	77	73	74	77	83	82	81	83	83	84	88	85	73	75	82	84	77	72	76	79	79.4
	Minimum	62	65	70	70	65	62	53	54	55	60	58	53	53	58	64	59	68	69	64	67	69	60	57	55	55	63	64	62	60	59	61.1
Dumas	Maximum	85	95	98	98	95	85	82	78	84	83	85	81	85	85	89	90	90	90	92	93	98	87	87	86	81	92	87	83	79	88	87.7
	Minimum	63	65	74	72	71	72	70	58	52	65	69	63	57	57	62	65	63	63	67	65	70	66	52	58	62	67	60	68	67	67	64.3
El Dorado	Maximum	86	88	95	96	94	89	87	81	86	83	88	84	88	87	92	93	91	91	94	95	98	92	88	90	89	88	86	81	78	85	88.8
	Minimum	67	76	78	77	76	73	69	63	58	66	72	64	64	62	68	72	73	70	72	73	76	72	61	65	65	72	74	72	70	69	69.6
England	Maximum	85	93	93	96	91	92	85	78	82	87	83	82	83	86	87	93	89	89	90	93	94	88	86	83	84	87	88	76	79	86	86.9
	Minimum	69	73	73	70	70	70	59	56	65	61	68	61	55	59	59	69	66	66	65	66	67	64	58	53	58	65	71	68	68	66	64.6
Eureka Springs	Maximum	85	87	91	93	81	76	75	77	80	85	86	76	77	82	88	88	86	85	88	90	91	86	83	76	84	89	81	72	69	81	82.9
	Minimum	59	65	73	74	64	60	50	48	50	50	57	51	52	53	59	68	65	61	64	67	67	57	58	57	55	61	68	65	60	61	60.0
Fayetteville	Maximum	85	87	89	91	82	76	76	79	81	84	76	76	76	82	88	87	87	86	86	90	92	90	82	75	83	88	77	77	69	82	82.6
	Minimum	60	66	72	74	66	63	52	47	48	48	59	50	50	50	61	65	62	65	62	66	68	55	60	57	54	57	68	66	60	60	59.7
Fayetteville Exp. S	Maximum	83	87	90	93	87	78	75	77	79	85	83	76	77	82	87	88	87	86	87	90	91	90	87	78	84	88	85	76	71	81	83.6
	Minimum	59	64	69	71	65	61	49	45	46	45	57	47	46	48	54	63	62	61	60	64	65	52	54	55	52	55	64	66	59	58	57.2
Fordyce	Maximum	87	94	96	96	95	87	80	81	80	88	89	84	87	89	92	95	91	94	94	96	103	92	89	90	91	90	90	80	78	86	89.5
	Minimum	63	75	75	74	70	68	63	56	53	60	67	59	58	58	61	69	65	64	64	70	71	67	54	53	59	69	69	67	66	67	64.6
Fort Smith ***	Maximum	89	90	93	95	84	81	79	79	81	87	74	80	80	83	93	91	87	91	91	94	94	88	84	77	85	91	83	78	74	88	85.5
	Minimum	62	67	75	73	71	66	60	55	56	57	62	57	57	58	62	68	69	69	68	65	68	65	62	62	61	65	72	68	65	63	64.3
Gilbert §§	Maximum	90	93	94	97	82	83	84	80	85	84	83	80	84	86	91	92	90	90	92	94	93	90	90	78	89	93	76	73	73	85	86.5
	Minimum	55	58	60	67	65	64	44	47	46	49	51	50	53	53	52	50	58	53	54	54	57	51	48	50	50	50	51	64	63	60	54.2
Grannis	Maximum	84	90	94	95	92	82	76	80	83	87	83	85	85	85	91	92	90	90	95	96	100	93	93	85	92	90	87	79	76	85	87.8
	Minimum	56	64	70	68	68	64	60	51	50	51	62	53	53	54	59	61	62	60	61	61	63	65	56	60	56	64	67	66	62	59	60.2
Gravette	Maximum	85	87	91	94	85	77	75	79	80	84	78	76	79	84	89	89	88	87	88	91	93	90	87	79	82	90	84	75	68	82	83.9
	Minimum	58	66	72	72	65	60	49	49	50	48	58	45	46	51	57	64	64	63	61	65	59	54	61	56	52	56	67	64	58	57	58.2
Green Mountain	Maximum	89	92	92	96	90	85	79	78	78	79	78	74	75	78	87	92	92	90	91	93	90	86	76	73	77	90	87	83	75	79	84.1
	Minimum	69	70	71	75	70	65	59	56	56	58	56	53	55	58	60	66	68	69	71	65	67	63	56	53	56	60	60	60	60	59	62.1
Harrison	Maximum	87	90	94	95	85	77	78	78	82	88	83	78	78	83	91	92	87	89	91	94	93	88	86	78	85	91	85	74	72	83	85.2
	Minimum	55	50	72	72	66	64	51	47	46	49	60	52	51	50	53	58	60	56	57	58	66	53	53	54	54	54	66	65	63	62	57.2
Helena	Maximum	83	88	92	94	90	84	80	75	81	84	77	77	80	80	85	88	90	88	90	91	95	86	83	81	83	88	85	78	76	83	84.5
	Minimum	66	73	74	71	68	68	62	55	51	64	67	62	55	55	59	66	61	66	67	71	70	64	56	60	60	68	70	67	66	65	64.2
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope §§	Maximum	88	92	94	95	93	84	77	79	84	88	87	82	84	86	92	93	91	92	93	94	101	89	89	87	90	92	86	81	77	87	88.2
	Minimum	63	64	72	73	70	68	64	56	52	55	63	56	57	54	57	63	68	61	62	63	65	69	55	58	60	62	67	68	67	63	62.5
Hot Springs	Maximum	86	92	94	95	93	92	84	82	85	91	88	83	85	87	93	93	91	91	92	95	102	96	93	89	89	90	87	81	75	85	89.3
	Minimum	61	71	75	75	69	67	62	54	52	59	65	57	60	58	64	68	66	67	64	69	74	66	58	60	59	65	72	65	64	65	64.4
Jonesboro	Maximum	88	91	95	97	94	84	80	76	83	87	82	81	82	82	89	90	90	90	91	94	93	88	86	80	86	90	90	83	71	84	86.6
	Minimum	61	68	74	74	68	68	58	53	51	58	66	59	56	57	56	61	58	60	63	64	69	63	57	57	57	61	69	67	64	60	61.9
Lead Hill	Maximum	87	91	94	96	81	79	77	78	81	86	79	78	80	84	91	91	87	89	91	95	94	87	85	77	86	92	80	73	70	84	84.8
	Minimum	53	57	66	66	66	64	47	44	43	47	58	47	46	48	50	56	59	54	55	57	61	47	52	53	50	53	66	65	62	61	55.1
Little Rock ***	Maximum	85	92	94	96	91	87	78	78	82	87	85	82	82	86	89	93	89	89	90	94	97	88	86	84	86	87	88	76	78	86	86.8
	Minimum	65	74	74	73	70	68	62	58	55	61	66	59	57	59	61	65	66	66	65	66	68	64	58	61	60	65	71	68	67	66	64.6
Lutherville	Maximum	84	90	97	92	85	80	78	80	82	82	82	80	80	80	88	90	89	87	91	91	94	90	87	87	88	89	80	76	79	84	85.4
	Minimum	56	58	70	70	65	66	57	52	50	55	62	52	52	54	57	65	66	61	62	63	68	62	55	57	55	61	68	66	61	62	60.3
Magnolia	Maximum	87	93	94	95	93	85	80	79	81	86	87	83	84	87	91	92	90	90	92	94	97	89	88	87	88	89	87	83	77	85	87.8
	Minimum	60	71	71	70	65	66	63	56	50	58	62	54	54	52	62	65	67	60	62	63	63	67	54	57	58	65	68	65	64	60	61.7
Mammoth Spring	Maximum	84	86	96	98	89	85	83	81	80	83	86	80	81	82	87	92	88	90	90	95	92	86	85	82	89	90	89	78	82	85	86.5
	Minimum	68	72	69	70	68	59	52	50	48	46	51	52	50	50	50	61	59	58	57	63	65	59	55	56	51	57	64	69	62	56	58.2
Marianna §§	Maximum	83	89	92	93	90	84	78	75	81	83	78	78	79	81	85	88	88	87	88	92	95	82	83	81	85	90	88	78	75	85	84.5
	Minimum	66	68	73	70	69	68	61	53	50	58	66	61	53	55	56	57	58	62	64	64	68	63	54	58	57	65	68	67	65	64	62.0
Marked Tree §§	Maximum	87	90	95	96	89	84	78	78	84	86	75	79	83	82	87	88	89	90	90	93	94	87	85	82	86	88	88	77	74	84	85.6
	Minimum	65	65	69	70	68	69	59	52	52	52	58	61	54	54	57	57	58	57	60	62	65	60	54	54	54	54	66	60	64	62	59.7
Marshall	Maximum	84	88	91	94	85	78	73	75	80	84	79	79	80	81	87	89	85	89	90	91	90	87	86	85	86	89	85	83	71	81	84.2
	Minimum	58	69	75	73	65	65	53	48	47	53	63	52	50	52	52	69	68	63	64	71	68	56	56	56	53	62	70	65	63	62	60.7
Mena	Maximum	88	90	93	96	88	83	76	80	83	88	79	81	82	83	91	91	89	90	92	94	96	92	90	82	88	90	82	78	79	86	86.7
	Minimum	57	65	73	70	66	62	60	49	48	53	60	54	53	52	57	65	64	62	60	60	68	62	58	55	57	61	70	66	64	60	60.4
Monticello ***	Maximum	86	93	96	95	93	84	79	78	83	81	84	80	84	84	88	91	87	88	90	94	95	86	86	86	89	86	85	78	78	84	86.4
	Minimum	66	74	75	74	73	68	66	60	58	65	69	62	58	58	65	70	65	66	68	71	71	69	60	62	63	68	69	67	67	67	66.5
Morrilton §§	Maximum	88	97	97	99	91	86	80	81	85	90	85	84	86	85	95	94	94	92	94	96	99	92	83	85	89	96	89	77	79	87	89.2
	Minimum	59	61	73	70	67	68	57	47	46	52	62	51	52	52	56	57	65	60	59	62	64	59	49	49	50	50	58	69	65	65	58.5
Mountain Home	Maximum	88	90	94	96	86	79	78	78	82	87	81	80	80	83	90	92	88	90	91	94	92	87	86	79	87	91	81	76	74	85	85.5
	Minimum	58	60	68	66	66	68	53	48	46	50	62	52	48	48	52	61	63	60	58	58	68	58	56	56	53	51	66	64	63	60	58.0
Mt. Ida	Maximum	86	91	92	95	91	87	79	80	81	87	84	83	84	86	91	93	91	92	93	96	100	94	91	87	89	90	88	81	76	85	88.1
	Minimum	52	64	69	66	66	67	57	44	42	48	57	50	50	47	53	56	59	50	64	57	62	55	49	56	50	58	66	67	65	63	57.0
Nashville	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Newport	Maximum	88	93	93	97	90	86	80	80	84	88	83	81	83	84	89	93	92	92	92	95	96	89	87	84	89	92	91	80	76	86	87.8
	Minimum	58	64	74	71	69	69	59	54	51	58	69	59	54	56	56	61	60	61	63	64	68	63	55	59	54	59	67	67	66	63	61.7

Daily Temperatures for September, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Nimrod Dam	Maximum	86	92	95	97	95	87	81	81	82	89	85	82	84	83	93	94	92	92	94	95	100	103	90	88	90	92	89	85	76	86		89.3
	Minimum	60	68	70	74	66	67	60	64	51	53	61	56	55	54	72	63	64	60	60	61	67	62	52	56	54	61	69	68	66	64		62.0
Oden ***	Maximum	86	89	92	95	90	84	79	81	83	89	80	82	82	84	92	91	89	91	89	95	96	92	90	84	90	90	87	78	76	87		87.1
	Minimum	55	65	71	70	68	67	59	59	47	51	62	51	54	51	58	60	64	61	60	60	65	60	51	60	58	60	70	67	66	64		60.6
Okay	Maximum	87	88	87	83	88	91	85	79	82	90	85	84	85	85	91	91	91	92	92	93	101	89	90	89	90	90	90	85	82	86		88.1
	Minimum	66	65	55	54	58	61	65	54	51	56	54	53	56	54	61	63	61	60	60	61	65	63	53	52	52	64	71	68	68	61		59.5
Ozark	Maximum	88	92	96	95	92	82	82	81	82	87	83	81	81	83	88	92	89	91	92	94	96	90	85	83	87	90	81	80	80	78		86.7
	Minimum	57	65	72	70	68	59	57	51	51	55	56	54	53	53	56	58	68	66	63	63	64	58	61	60	57	61	70	67	67	66		60.9
Paragould	Maximum	85	90	93	94	87	83	76	75	79	85	77	79	80	80	84	86	87	86	86	91	90	84	81	77	81	86	86	87	72	80		83.6
	Minimum	60	65	71	72	68	70	58	52	50	55	67	60	55	58	56	60	57	60	61	68	67	60	55	57	53	59	65	66	65	64		61.1
Perryville	Maximum	88	93	95	97	90	97	90	80	83	88	85	81	82	84	91	90	89	90	91	95	99	88	87	84	88	94	88	80	77	87		88.4
	Minimum	55	66	69	67	65	67	58	48	45	51	60	53	51	55	54	53	58	58	57	60	61	56	48	53	50	57	67	65	66	64		57.9
Pine Bluff	Maximum	87	93	97	98	94	88	83	82	87	88	86	86	87	88	93	93	93	93	93	97	99	91	90	89	91	89	87	86	76	87		89.7
	Minimum	65	76	77	75	72	70	64	58	55	63	71	64	59	59	64	67	66	66	69	69	73	67	59	60	62	69	71	67	66	69		66.4
Pocahontas	Maximum	89	94	96	99	93	84	81	80	85	88	86	81	82	84	90	93	92	92	93	96	96	92	85	82	86	93	89	88	74	89		88.4
	Minimum	59	64	70	72	66	69	57	52	50	55	66	55	52	55	55	59	58	59	60	63	65	59	56	56	54	56	65	64	64	59		59.8
Portland	Maximum	85	92	94	95	93	87	81	80	84	80	85	83	85	87	89	92	90	90	92	94	97	88	87	88	90	88	86	80	80	85		87.6
	Minimum	68	73	73	74	74	72	67	61	54	64	69	63	58	58	63	66	62	64	65	68	71	69	58	58	62	68	68	66	68	67		65.7
Prescott	Maximum	87	94	95	96	94	90	84	80	83	90	87	86	86	86	92	93	92	90	92	95	100	99	89	88	89	91	89	85	80	87		89.6
	Minimum	65	75	75	74	72	70	66	58	55	62	66	59	60	57	63	68	68	64	65	67	70	71	58	62	61	67	71	67	67	64		65.6
Rogers	Maximum	83	87	89	92	81	77	74	77	79	84	72	75	76	81	87	87	86	85	86	89	89	86	81	75	82	88	75	74	69	81		81.6
	Minimum	58	65	71	72	65	61	48	47	49	48	57	50	50	51	55	63	63	60	60	60	65	55	58	57	55	57	67	65	60	58		58.3
Russellville	Maximum	88	93	95	96	95	86	78	81	83	88	82	82	83	83	92	93	90	92	93	95	99	92	91	88	89	91	88	79	78	87		88.3
	Minimum	56	66	68	70	68	69	56	50	48	54	64	55	51	52	56	61	63	60	60	63	64	70	63	55	61	60	71	67	68	65		61.1
St. Charles	Maximum	85	92	94	95	92	90	88	77	81	85	85	83	83	84	87	89	90	89	91	92	95	88	90	84	87	90	87	82	84	88		87.7
	Minimum	65	73	74	70	69	68	62	54	51	60	67	61	55	57	59	64	60	62	64	65	69	63	60	61	54	67	68	66	63	62		63.1
Searcy	Maximum	87	92	95	97	91	86	79	78	83	87	84	82	83	84	89	91	89	90	92	95	96	87	86	83	87	91	90	81	77	85		87.2
	Minimum	60	70	73	72	68	70	60	55	52	57	70	58	54	57	57	64	62	64	62	65	67	63	61	59	57	62	68	67	66	64		62.8
Sheridan	Maximum	86	91	93	95	90	90	77	77	81	87	85	82	83	86	90	92	89	90	92	92	97	88	87	85	87	90	87	79	78	86		87.1
	Minimum	61	70	71	67	65	66	58	50	48	55	63	55	53	56	56	64	60	58	60	62	66	60	50	55	54	61	66	65	63	60		59.9
Siloam Springs	Maximum	83	88	90	92	82	76	74	78	79	83	73	76	76	82	88	87	86	86	87	90	91	90	82	68	81	87	76	78	69	80		81.9
	Minimum	57	67	73	72	66	62	49	48	51	48	59	47	47	49	63	65	62	69	65	62	61	63	60	56	57	55	67	74	58	57		59.6
Stuttgart	Maximum	84	90	93	95	91	88	81	77	82	86	82	80	82	82	86	89	89	89	90	94	94	90	84	83	85	90	87	80	78	84		86.2
	Minimum	65	74	75	73	70	69	63	56	55	64	70	61	57	53	62	65	64	65	67	68	70	65	57	60	60	67	70	67	66	67		65.0
Stuttgart Evap. §§	Maximum	88	90	91	93	90	86	80	77	82	85	82	79	81	83	85	88	87	88	88	91	93	85	89	89	86	87	88	78	76	87		85.7
	Minimum	62	67	72	69	68	67	61	55	52	53	62	59	54	55	57	57	60	60	62	69	65	62	59	57	55	59	63	66	64	64		61.2
Subiaco	Maximum	88	91	94	97	86	82	88	80	82	88	80	80	79	81	93	93	92	91	92	94	96	90	86	86	88	91	84	78	78	88		87.2
	Minimum	56	66	83	86	67	65	58	50	49	54	60	56	57	51	79	63	67	64	63	63	70	62	58	60	56	62	70	68	66	63		63.1
Texarkana ***	Maximum	86	92	93	93	92	82	76	80	82	88	84	83	83	86	90	92	88	88	90	92	99	90	86	85	88	88	85	82	76	86		86.8
	Minimum	65	75	74	74	71	70	63	58	54	60	63	59	61	57	66	69	68	65	66	65	68	66	57	62	62	66	72	70	66	62		65.1
Turnpike	Maximum	79	82	85	85	81	75	70	72	75	80	73	71	74	76	83	84	80	83	83	86	87	82	81	74	82	84	76	74	69	77		78.8
	Minimum	62	65	69	69	64	61	53	51	55	61	59	54	54	57	62	64	64	65	64	65	70	59	53	53	55	63	65	60	57	60		60.5
Waldron	Maximum	88	91	94	97	93	85	77	79	81	88	85	80	81	83	92	92	90	91	92	95	96	92	89	81	89	93	87	82	79	89		87.7
	Minimum	53	61	70	68	66	65	56	46	44	47	59	49	49	47	53	57	60	58	56	56	60	53	48	53	50	56	68	68	64	59		56.6
Warren	Maximum	86	95	95	96	94	87	85	79	83	83	85	85	84	86	90	91	90	90	91	93	96	93	85	85	88	88	87	81	79	84		87.7
	Minimum	65	76	76	75	74	70	66	59	54	62	71	62	58	58	64	68	61	65	68	68	73	69	56	59	62	69	70	68	68	69		66.2
White Rock	Maximum	79	81	85	87	81	76	72	72	74	82	70	73	75	76	82	82	81	81	82	84	87	84	80	73	79	83	75	73	68	77		78.5
	Minimum	57	65	71	70	64	32	54	55	55	58	58	55	56	57	62	62	65	65	64	66	77	76	59	55	57	63	64	62	58	57		61.6
Wilson	Maximum	86	87	95	96	87	84	78	77	84	83	72	80	81	88	81	84	86	89	87	90	92	87	83	80	83	87	88	80	77	81		84.4
	Minimum	63	67	75	71	65	67	56	49	49	62	64	58	51	59	54	55	59	57	59	61	63	57	50	54	59	60	65	64	63	60		59.6
Wynne §§	Maximum	85	90	93	94	86	83	75	75	82	83	75	78	79	80	87	89	90	87	91	94	94	84	85	83	86	86	87	74	73	85		84.4
	Minimum	65	65	74	71	69	67	60	52	50	53	68	62	55	56	56	61	62	66	67	67	68	64	58	58	57	63	69	67	65	61		62.5

Daily River Stages for September, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	8.2	8.7	8.9	8.4	8.2	8.0	7.8	8.5	8.8	7.8	7.4	7.4	6.8	6.7	6.6	6.4	6.0	5.8	5.8	5.4	5.2	5.2	5.2	5.1	5.1	5.1	5.0	4.8	4.8	5.0
Van Buren	do	22	8.2	8.3	8.8	8.2	8.0	7.8	7.7	8.0	8.6	7.7	7.0	7.0	6.2	6.2	6.2	5.8	5.6	5.4	5.2	4.9	4.4	4.9	4.8	4.8	4.8	4.6	4.4	3.8	4.5	4.7
Danville	Petit Jean	20	11.6	8.0	5.0	4.6	4.2	3.5	3.5	3.3	3.1	3.0	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5
Ozark	Arkansas	22	5.0	4.5	4.7	4.7	4.3	4.0	3.9	3.8	4.4	4.4	3.5	3.0	3.0	2.4	2.4	2.1	2.0	1.7	1.6	1.4	1.1	1.0	1.2	1.2	1.2	1.1	1.0	1.0	0.6	0.9
Dardanelle	do	22	7.4	7.1	6.7	6.9	6.8	6.4	6.1	6.0	5.8	6.6	6.4	5.6	5.0	5.0	4.5	4.5	4.3	4.0	3.7	3.6	3.4	3.0	2.8	3.0	3.0	3.0	2.9	2.9	2.6	2.3
Morrilton	do	20	2.5	3.2	2.4	2.4	2.6	2.2	1.8	1.5	1.4	1.8	2.2	1.5	0.8	0.5	0.2	0.2	-0.2	-0.4	-0.7	-0.8	-1.9	-1.2	-1.6	-1.4	-1.4	-1.4	-1.4	-1.4	-1.6	-1.9
Little Rock	do	23	3.6	4.3	4.7	4.2	4.2	4.2	3.9	3.7	3.5	3.4	3.5	3.9	3.4	3.0	2.8	2.7	2.4	2.4	2.2	2.1	1.9	1.9	1.8	1.5	1.5	1.6	1.5	1.5	1.6	1.5
Pine Bluff	do	25	5.0	4.5	5.0	5.7	5.0	5.0	5.0	4.8	4.5	4.1	3.9	3.8	4.4	4.0	3.4	3.1	2.8	2.5	2.3	2.1	1.9	1.8	1.7	1.4	1.4	1.4	1.3	1.2	1.2	1.1
Gilbert	Buffalo	30	3.5	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Black Rock	Black	14	2.1	1.7	1.6	1.5	1.9	2.2	1.8	1.7	1.7	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2
Heber Springs	Little Red	30	1.7	1.7	1.7	1.7	1.7	1.9	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.7	1.8
Ozark Beach Mo	White	30	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2
Cotter	do	21	3.3	3.1	2.7	2.6	3.5	2.7	2.2	2.2	2.1	2.0	1.9	2.2	2.2	2.0	1.9	1.8	1.7	1.8	1.7	1.5	1.6	1.6	1.5	1.5	1.4	1.2	1.2	1.0	1.1	1.9
Calico Rock	do	18	1.3	1.9	1.4	1.0	1.7	1.8	1.6	1.4	1.1	1.0	1.0	1.2	1.0	0.6	1.0	1.1	0.9	0.6	1.0	0.9	0.7	1.1	0.8	0.7	0.0	0.9	0.8	0.7	0.5	0.1
Batesville	do	23	5.4	5.4	6.0	5.5	5.3	5.7	6.0	5.8	5.7	5.6	5.4	5.4	5.4	5.3	5.2	5.2	5.6	5.2	4.9	5.2	5.3	5.0	5.2	5.1	5.0	4.6	4.8	5.1	5.1	5.0
Newport	do	26	0.7	0.4	0.3	0.5	0.2	0.1	0.6	0.7	0.5	0.3	0.1	-0.1	-0.2	-0.2	-0.2	-0.3	-0.3	-0.2	-0.4	-0.5	-0.3	-0.3	-0.4	-0.6	-0.6	-0.7	-0.8	-0.9	-0.5	-0.5
Georgetown	do	21	0.4	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.6	1.0	1.0	0.9	0.7	0.6	0.5	0.4	0.2	-0.1	-0.2	-0.2	-0.3	-0.3	-0.4	-0.4	-0.5	-0.5	-0.5	-0.6	-0.7	-0.7
Des Arc	do	24	2.8	3.0	3.2	3.2	3.3	3.3	3.2	3.1	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.0
Clarendon	do	26	7.1	7.1	7.2	7.4	7.5	7.6	7.5	7.4	7.4	7.4	7.5	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.8	6.7	6.7	6.6	5.5	6.5	6.4	6.4	6.3	6.3	6.3	6.2
St. Charles	do	25	7.1	7.0	7.1	7.2	7.3	7.4	7.5	7.4	7.3	7.4	7.4	7.5	7.5	7.4	7.3	7.1	7.0	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.2
Glenwood	Caddo	..	5.3	5.2	5.2	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Arkadelphia	Ouachita	17	4.4	4.6	4.4	4.4	4.1	4.0	4.0	4.1	4.2	4.0	3.7	4.0	4.0	4.1	4.3	4.5	4.1	3.8	3.8	4.8	4.1	5.4	4.7	4.4	4.0	4.3	5.8	4.5	4.0	3.8
Boughton	Little Mo.	20	3.9	4.6	4.4	4.3	3.9	4.1	4.0	4.4	4.5	3.8	3.7	3.6	3.4	3.3	3.3	3.2	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.2
Camden	Ouachita	26	4.4	4.2	4.4	4.4	4.2	4.1	4.0	3.9	3.9	3.9	3.9	4.0	3.9	3.8	3.8	3.9	3.9	3.7	3.8	3.7	3.6	3.8	3.8	4.0	4.7	4.2	3.8	4.0	4.8	4.3
Benton	Saline	20	4.2	4.1	4.1	4.0	4.0	3.8	3.7	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.7	2.8	2.8
Index	Red	25	6.6	6.5	6.5	6.2	5.8	6.2	6.1	6.0	5.7	5.7	5.6	5.6	5.2	5.1	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.6	4.6
Fulton	do	25	6.4	5.2	6.2	6.1	6.0	6.0	6.1	6.1	5.9	5.8	5.4	5.3	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.4
Big Lake Outlet	St. Francis	10	2.6	2.3	2.3	2.3	2.4	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.3
St. Francis	do	18	3.7	4.0	2.9	2.3	3.8	4.7	5.3	4.3	3.2	2.4	2.2	2.5	3.4	3.7	3.2	2.5	2.1	1.9	2.7	3.6	3.9	3.3	2.5	2.1	1.9	2.9	3.6	3.4	2.9	2.3
St. Francis L.L.	do	.	13.8	13.8	13.8	13.6	15.6	16.8	17.4	16.6	15.5	13.9	15.9	16.9	17.5	16.6	15.4	13.6	15.6	16.4	17.0	16.3	14.5	15.0	16.0	16.6	17.0	17.4	15.9	13.8	15.9	16.2
Marked Tree	do	17	2.7	2.2	2.1	2.0	1.0	0.6	0.6	3.1	3.2	2.9	0.9	0.5	0.5	3.0	3.2	2.5	1.0	0.5	0.5	1.7	2.3	1.0	0.5	0.5	0.5	0.3	3.0	2.6	0.7	0.7
Parkin	do	28	2.8	2.7	2.5	2.1	2.1	1.9	1.3	1.1	1.9	2.7	2.7	2.0	1.4	1.0	1.7	2.6	2.5	1.9	1.2	1.6	1.3	2.4	2.0	1.3	1.0	1.0	1.0	1.9	2.5	1.9
Madison	do	32	1.1	1.5	1.5	1.3	1.1	1.1	1.0	0.6	0.3	0.7	1.3	1.4	1.1	0.7	0.3	0.5	1.3	1.2	0.9	0.4	0.1	0.2	0.8	0.9	0.5	0.1	0.0	0.1	0.7	1.2
Helena	Mississippi	42	9.7	10.2	11.1	12.9	14.9	16.5	16.8	16.1	15.1	15.0	14.2	13.3	12.0	10.8	10.1	9.6	9.0	8.2	7.3	6.6	5.9	5.7	5.6	5.3	4.9	4.8	5.2	5.6	6.1	6.5
Arkansas City	do	42	5.8	6.7	7.2	7.9	9.4	10.7	12.3	12.9	12.6	12.1	11.7	11.0	10.3	9.4	8.3	7.5	6.9	6.4	5.7	4.8	3.9	3.3	2.8	2.7	2.7	2.2	2.1	2.2	2.4	2.9

Symbols for Climatological Data Table:--The departures from the normal temperature and precipitation are computed from the averages of the entire period for stations having 10 or more years of record. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Pos office addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters ᵃ,ᵇ,ᶜ, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated. observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ¹Precipitation is for the 24-hour period, midnight to midnight. ²Precipitation measured in morning; amount recorded is for the preceding 24 hours. ³Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station. †Post Office addresses as follows:--Alum Fork Reservoir, Paron; Beaty Lake. Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus: Eagle Gap, Eagleton; Eleven Point, Route 1. Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5. Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3. Morrilton; Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill; Rosebud, Route 2. Mt. Vernon: Sheridan, Hensley; Sparkman, Rt. Sparkman; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock. Route 2. Winslow.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning. maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR. No record.

Weather Bureau Office. Little Rock. Ark 10 22 1944 1000

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLIX LITTLE ROCK, ARK., OCTOBER, 1944 No. 10

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GENERAL SUMMARY

The month averaged about one degree above normal in temperature. The first and last weeks of October were quite warm, with daily excesses in temperature ranging up to 10°. The coldest weather prevailed from the 8th to 15th inclusive, when freezing temperatures and scattered killing frosts were reported from some northern stations. The majority of stations recorded their highest temperatures of the month on the 6th, and maxima of 90° or higher were quite common early in the month. There was an average of 22 clear, 6 partly cloudy, and 3 cloudy days. This unusually large number of clear days resulted in a high percentage of sunshine and a very large daily range in temperature. At Little Rock the average daily temperature range was 29°, the highest of record. On two days the temperature range was 41°.

Precipitation amounted to only 36% of normal in Arkansas during the month. It was the driest October since 1938 and one of the driest of record. It was the driest October of record at Little Rock and several stations in the southern section. A few stations in the extreme northwestern section had adequate rainfall, but elsewhere amounts were insufficient to maintain soil moisture. Precipitation was very light over the southern half of the State, several stations reporting no rain during the month. Very little rain occurred after the first week in October, and the drought had become quite intense by the end of the month.

October weather was ideal for harvesting crops. Cotton picking made good progress where there was adequate labor and was about 75% completed by the end of the month. Corn matured and was being gathered. Plowing and the planting of fall grains were delayed because of dry soil. At the end of the month forest fires were numerous, and the fire hazard was extremely great.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 78 stations, was 63.9°, which is 1.1° above the 54 year average for October. The highest monthly mean temperature was 68.6° at Hot Springs, and the lowest was 59.3° at Gilbert. The highest temperature recorded was 95° at Waldron on the 3d and at Des Arc on the 7th. The lowest temperature was 25° at Gilbert on the 13th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 106 stations, was 1.13 inches, which is 2.04 inches below the 54-year average for October. The greatest monthly total was 4.38 inches at Bentonville, and the least was none at Cummins farm, Fordyce, Steve, Stuttgart, and Tichnor. The greatest amount recorded in any 24-hour period was 3.63 inches at Bentonville on the 2d-3d.

B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:---1,2,3,4,5,6,7,20,21,31.
Hail:---7.
Heavy Fog:---3,4,5,6,7,21,23,28.
High Winds:---5,6,7,21,24,26,27,31.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.50	27	29.83	2	5.3	26	n.	7	82	49	51	80	55
Little Rock	30.55	27	29.88	3	6.3	23	nw.	7	84	41	51	86	87
Memphis ..	30.49	27	29.89	20	6.6	20	n.	7	88	49	67	86	140

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	63.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	23	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.03	0.0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	95	18	5.41	0.6	9	13	9	9
1914	63.0	93	21	1.74	0 0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.89	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	13
1919	66 6	98	33	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	58.7	98	13	7.73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1927	66.0	100	30	3.13	0.0	5	22	4	5
1928	66 3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67 1	98	26	2.35	0.0	4	17	7	7
1932	60 8	94	26	3.41	0.0	6	19	4	8
1933	62.6	90	30	2.83	0.0	5	19	7	5
1934	66.2	96	25	0.79	0.0	2	21	7	3
1935	63.9	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0 0	7	16	5	10
1937	60.8	96	17	4.66	T.	8	18	4	9
1938	66.8	105	20	0.94	0 0	3	23	5	3
1939	65.1	98	29	1 71	0.0	3	21	5	5
1940	65.2	95	29	1.91	0.0	5	20	7	4
1941	68.2	96	28	8.11	0.0	13	8	9	14
1942	62.8	90	22	3.19	0.0	5	16	8	7
1943	61.3	90	26	3.48	0.0	5	16	8	7
1944	63.9	95	25	1.13	0.0	3	22	6	3
Period	62.8	105	12	3.17	T.	5	18	6	7

NAT. HIST.

Climatological Data for October, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature, (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	64.6	......	89	2	37	11§	0.11	......	0.07	3	0.0	2	19	10	2	e.	L. R. Water Works
Arkadelphia	Clark	200	48	65.0	+0.6	94	6	33	13	T.	−3.12	T.	21	0.0	0	18	12	1	s.	W. H. Halliburton
Arkansas City	Desha	145	59	......	......	......	......	......	......	T	−2.52	T.	12	0.0	0	30	1	0	......	John W. Trammell
Batesville Airway	Independence	363	7	62.8	+1.6	90	6§	34	11§	0.40	......	0.21	3	0.0	3	25	4	2	ne	Airway Observer
Batesville Livestk.	Independence	....	3	61.7	......	90	6	33	11§	0.23	......	0.15	7	0.0	3	21	9	1	sw.	University of Arkansas
Batesville River	Independence	277	44	......	......	......	......	......	......	0.56	−2.73	0.51	7	0.0	3	19	10	2	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	65.0	+2.4	88	1§	38	17§	2.25	−1.14	1.37	2–3	0.0	3	21	9	1	n.	Miss Minnie Scanlan
Benton	Saline	285	8	61.2	......	91	6	31	15§	0.05	......	0.05	21	0.0	1	27	4	0	ne.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	62.4	+3.2	89	1	39	17§	4.38	+0.46	3.63	2–3	0.0	4	21	7	3	n.	E. L. Browne
Bethesda †	Independence	500	4	61.0	......	90	6	30	17§	0.00	......	0.00	......	0.0	0	22	9	0	nw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	......	......	......	......	......	......	1.17	−1.64	1.14	7	0.0	3	22	6	3	......	N. W. Douglas
Black Rock	Lawrence	259	42	......	......	......	......	......	......	1.44	−1.36	0.93	2–3	0.0	5	26	3	2	......	Vernon C. Howe
Bluff City	Nevada	....	3	66.8	......	91	6	37	13	0.08	......	0.08	21	0.0	1	26	5	0	ne.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	62.4	−1.3	88	6	35	28	1.13	−2.17	1.11	7	0.0	2	25	6	0	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	64.4	−0.1	95	3	32	13	1.25	−2.23	1.05	3–4	0.0	2	22	7	2	w.	F. H. Randolph
Boughton †	Clark	235	8	......	......	......	......	......	......	0.57	......	0.57	22	0.0	1	23	3	5	......	Katie B. Moore
Brinkley	Monroe	205	52	61.6	−1.4	92	6	30	28	0.59	−2.49	0.52	7	0.0	3	21	8	2	n.	U. S. Weather Bureau
Calico Rock	Izard	361	39	......	......	......	......	......	......	0.56	−2.82	0.27	7	0.0	5	16	10	5	......	William Jones
Camden	Ouachita	116	58	63.8	−0.5	91	2§	32	13	0.01	−2.83	0.01	22	0.0	1	18	13	0	s.	J. M. Knight
Camp Chaffee	Sebastian	419	..	65.1	......	93	6	36	13	0.81	......	0.35	3–4	0.0	5	15	12	4	w.	U. S. Army
Camp Robinson	Pulaski	463	3	63.5	......	90	3§	33	15	0.21	......	0.21	7	0.0	1	22	9	0	nw.	U. S. Army
Clarendon	Monroe	172	39	......	......	......	......	......	......	0.39	−2.75	0.37	7	0.0	2	24	2	5	......	B. F. Northern
Conway	Faulkner	309	60	66.0	+2.2	93	6§	34	28	0.21	−2.85	0.21	3	0.0	1	27	4	0	n.	E. E. Cordrey
Corning	Clay	293	50	62.1	+1.6	90	6	31	28	2.70	−0.79	2.00	2–3	0.0	4	19	7	5	w.	Richard C. Polk
Cotter	Baxter	440	16	......	......	......	......	......	......	1.00	−2.97	0.48	2	0.0	3	24	3	4	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	63.8	−1.9	91	2	32	28	0.11	−3.64	0.10	21–22	0.0	2	26	5	0	n.	U. S. Forest Service
Cummings Farm	Lincoln	176	..	62.9	......	92	6	32	28	0.00	......	0.00	......	0.0	0	28	3	0	n.	T. C. Cogbill
Danville	Yell	327	27	......	......	......	......	......	......	1.31	−2.72	1.06	7	0.0	4	21	7	3	......	J. M. Patterson
Dardanelle	Yell	330	57	65.4	+1.6	91	6	35	13	1.24	−1.88	0.77	6–7	0.0	5	12	15	4	s.	Geo. N. Goodier
DeQueen	Sevier	426	8	64.2	......	88	1§	34	13	1.16	......	1.05	5	0.0	2	25	6	0	......	L. D. McCown
Des Arc	Prairie	204	5	62.8	......	95	7	32	28	0.32	......	0.18	7	0.0	2	17	4	10	n.	Z. R. Glenn
Devils Knob †	Johnson	2350	7	63.4	......	83	1	36	12	3.14	......	1.35	7	0.0	5	26	0	5	sw.	U. S. Forest Service
Dumas	Desha	162	38	64.6	−0.7	92	5§	34	28	T	−3.14	T.	7§	0.0	0	18	11	2	n.	Ben Johnson
El Dorado	Union	270	43	68.1	+1.8	91	2	40	28	0.19	−2.99	0.10	5	0.0	1	28	3	0	w.	Mrs. E. W. Gaston
England	Lonoke	229	37	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	O. V. Halbrook
Eureka Springs	Carroll	1465	43	62.9	+1.7	87	1§	35	12§	4.07	+0.08	1.95	3	0.0	5	25	5	1	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	6	62.7	......	87	1	34	13	2.97	......	1.65	2–3	0.0	4	15	12	4	n.	Charles F. Ford
Fayetteville Exp.	Washington	1451	56	62.0	+1.0	87	1	32	13	3.63	+0.02	2.02	2–3	0.0	6	18	13	0	sw.	University of Arkansas
Fordyce	Dallas	280	3	67.4	......	91	3§	39	12	0.00	......	0.00	......	0.0	0	18	13	0	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	66.1	+3.3	89	1	42	13	3.32	+0.33	2.02	3–4	0.0	5	16	12	3	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	......	......	......	......	......	......	2.72	......	1.15	1	0.0	5	23	4	4	......	Ft. Smith Water Plant
Fulton	Hempstead	260	58	......	......	......	......	......	......	0.80	−1.77	0.80	4	0.0	2	20	8	3	......	Ina J. Logan
Garland	Miller	225	1	......	......	......	......	......	......	0.14	......	0.14	4	0.0	1	23	0	8	......	L. D. Denney
Georgetown	White	200	31	......	......	......	......	......	......	1.45	−1.98	0.89	3–4	0.0	2	28	0	3	......	C. G. Long
Gilbert	Searcy	600	18	59.3	......	94	6	25	13	0.05	−4.42	0.05	7	0.0	1	26	2	3	s.	F. E. King
Glenwood	Pike	547	8	......	......	......	......	......	......	0.23	......	0.23	4–5	0.0	1	20	2	9	......	Chas. A. Price
Grannis	Polk	950	24	66.2	+2.8	90	1§	38	13	1.04	−3.30	0.66	5	0.0	2	20	9	2	s.	W. E. McVay
Gravette	Benton	1250	46	62.2	+2.1	88	1	31	12	2.58	−1.38	1.66	2–3	0.0	4	20	9	2	sw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	64.4	......	92	6	38	10§	0.30	......	0.30	11	0.0	2	19	9	3	s.	U. S. Forest Service
Harrison	Boone	1052	43	61.8	+2.2	91	6	32	13	1.13	−2.12	0.58	7	0.0	4	23	6	2	nw.	J. M. McGaughey
Heber Springs(near)	Cleburne	272	14	......	......	......	......	......	......	2.25	−0.59	1.97	7	0.0	4	23	8	0	......	Lester B. Logan
Helena	Phillips	300	71	64.0	+0.1	90	6	36	28	0.48	−2.29	0.30	7	0.0	3	23	1	7	ne.	James A. Burnett
Highland	Pike	491	24	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Clyde Cooley
Hope 3 miles e ‡‡	Hempstead	375	73	65.7	−0.5	93	1	35	13	0.12	−3.11	0.12	4	0.0	1	27	4	0	ne.	University of Arkansas
Hot Springs	Garland	600	52	68.6	+3.8	91	25	43	12§	0.35	−2.92	0.26	7	0.0	2	24	7	0	w.	National Park Service
Index †	Little River	275	26	......	......	......	......	......	......	0.93	−2.02	0.93	4	0.0	2	26	5	0	......	W. E. McDowell
Jessieville	Garland	750	17	......	......	......	......	......	......	0.42	−3.11	0.20	3	0.0	4	23	6	2	se.	U. S. Forest Service
Jonesboro	Craighead	345	48	63.2	+0.3	89	6	38	10§	1.75	−1.55	0.91	7	0.0	5	22	2	7	ne.	Benedictine Sisters
Lead Hill	Boone	650	37	59.8	−0.8	90	6	28	13§	1.07	−2.36	0.65	2–3	0.0	7	25	5	1	w.	J. H. Crosswhite
Little Rock	Pulaski	257	64	65.4	+1.8	90	3	38	11	0.01	−2.70	0.01	7	0.0	1	20	11	0	sw.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	64.9	+2.2	91	1§	35	13	2.70	−1.45	1.58	7	0.0	4	23	4	4	w.	Clarence Lenhardt
Madison	St. Francis	209	13	......	......	......	......	......	......	1.05	−2.27	1.00	7	0.0	2	21	1	9	......	J. W. Eppes
Magnolia	Columbia	315	27	64.8	+2.5	91	2§	31	13	T.	−2.90	T.	21	0.0	0	22	8	1	ne.	State Agri School
Mammoth Spring	Fulton	600	39	60.4	+0.8	88	6	31	13§	1.58	−2.05	1.28	2–3	0.0	4	28	3	0	w.	Ray H. Hall
Marianna	Lee	235	32	62.4	−1.2	96	6	31	28	0.88	−2.44	0.58	7	0.0	5	23	6	2	n	University of Arkansas
Marked Tree	Poinsett	229	39	61.8	+0.1	90	6	34	28§	1.85	−1.97	1.29	7	0.0	4	25	5	1	s.	Charles Walton
Marshall	Searcy	1050	..	63.2	+1.9	90	7	31	13	0.21	−3.96	0.07	4§	0.0	4	16	15	0	sw.	W. F. Reeves
Mena	Polk	1207	55	65.6	+2.4	91	1	36	13	0.73	−2.97	0.51	6	0.0	4	18	12	1	sw.	E. W. St. John
Monticello	Drew	273	3	66.4	......	89	2§	39	13	0.11	......	0.06	5	0.0	2	24	7	0	n	Airway Observer
Morrilton †	Conway	315	27	63.8	+0.1	94	2§	33	13	0.68	−3.13	0.45	3	0.0	4	20	8	3	ne.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	6	......	......	......	......	......	......	3.46	......	2.15	1	0.0	3	22	6	3	sw.	C. A. Lovell
Mountain Home †	Baxter	800	31	62.2	+1.5	92	6	30	13	1.00	−3.09	0.40	2–3§	0.0	3	24	2	5	nw.	H. N. Halbert
Mountain Valley	Garland	788	6	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	C. A. Cockman
Mount Ida	Montgomery	702	44	62.4	+4.0	93	1	27	13	0.58	−3.20	0.58	4–5	0.0	2	21	7	3	sw.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	......	......	......	......	......	......	3.47	......	2.12	1	0.0	4	23	2	6	......	H. G. Arvin
Nashville	Howard	350	5	66.0	......	91	2	37	13	0.97	......	0.40	5	0.0	3	25	3	3	e.	Carter Day
Newport	Jackson	231	60	63.7	+1.3	90	2§	35	28	3.74	+0.80	2.20	7	0.0	7	22	2	7	ne.	W. T. Moyer
Nimrod Dam	Perry	475	2	65.2	......	91	1§	35	13	1.97	......	0.83	3	0.0	6	25	2	4	sw.	U. S. Engineers
Oden	Montgomery	800	16	67.4	......	94	3§	37	28	1.42	−1.70	0.81	7	0.0	3	24	4	3	s.	U. S. Forest Service
Okay	Howard	288	15	65.6	−0.5	92	6	32	13	0.67	−2.25	0.56	4	0.0	2	22	8	1	s	Charles R. Jackson
Osceola	Mississippi	250	43	......	......	......	......	......	......	0.84	−1.91	0.45	6	0.0	6	25	2	4	......	G. M. Serey
Ozark	Franklin	396	48	64.2	+0.6	90	1§	36	13	1.98	−1.38	1.40	3–4	0.0	4	21	3	7	se.	Orkney O. Milton
Paragould	Greene	275	20	60.8	......	87	6	34	28	1.50	−1.55	0.56	7	0.0	5	26	5	0	n	J. E. Garrett
Parkin	Cross	222	13	......	......	......	......	......	......	1.29	−2.26	1.10	7	0.0	2	26	1	4	......	Carroll King
Perryville	Perry	325	4	63.2^{a}	+2.1	93^{b}	7	29^{b}	28	T	−3.50	T.	6	0.0	0	23	8	0	nw.	Lillie Cranford
Pine Bluff	Jefferson	215	56	67.3	+2.4	93	6	39	28	0.13	−2.75	0.13	21	0.0	1	23	6	2	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	19	......	......	......	......	......	......	0.61	−3.61	0.34	5	0.0	3	24	4	3	nw	J. R. Huddleston
Pocahontas	Randolph	300	50	63.2	+1.4	90	6	32	28	1.63	−1.71	0.95	3	0.0	4	22	5	4	ne.	Benedictine Sisters
Portland	Ashley	122	37	65.2	+0.2	90	3	37	11§	0.05	−2.99	0.05	6	0.0	1	27	2	2	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	68.3	+2.8	92	1§	39	13	0.03	−2.62	0.02	5	0.0	2	26	5	0	n.	W. R. Hambright
Rogers	Benton	1300	53	61.9	+1.8	85	6	31	12	2.55	−0.95	1.74	3	0.0	4	17	13	1	ne.	Howard Fowler
Rosebud	Faulkner	680	9	......	......	......	......	......	......	1.84	......	1.38	7	0.0	2	22	7	2	e.	G. A. Maddox
Russellville ‡‡	Pope	526	31	63.6	+1.8	92	2§	34	13§	1.48	−1.52	0.91	3	0.0	4	17	14	0	nw.	U. S. Forest Service
St. Charles	Arkansas	175	10	64.2	......	90	3§	35	28	0.40	......	0.31	7	0.0	3	22	8	1	e.	U. S. Biological Survey
St. Francis	Clay	290	16	......	......	......	......	......	......	1.15	−2.58	0.62	3	0.0	5	24	0	7	......	W. S. Buckley
Searcy	White	245	33	63.7	+0.7	88	6	36	28	1.16	−1.99	0.81	2–3	0.0	4	22	6	3	ne.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	64.2	......	92	6	35	11	0.06	......	0.04	21	0.0	2	19	12	0	ne.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	61.5	......	88	1	32	13	2.21	......	1.88	3–4	0.0	6	19	12	0	s	John Brown University
Story	Montgomery	650	19	......	......	......	......	......	......	0.44	−3.06	0.23	20	0.0	2	22	9	0	n.	S. C. Story
Stuttgart	Arkansas	214	56	61.7	+0.7	91	3§	38	28	0.00	−3.09	0.00	......	0.0	0	26	4	1	s.	Geo. L. Clark
Stuttgart 9 miles e ‡‡	Arkansas	198	8	62.4^{a}	......	90^{a}	6	31^{a}	28	0.40	......	0.40	8	0.0	1	......	......	......	......	University of Arkansas
Subiaco	Logan	750	45	......	......	93	2§	32	13	1.11	−2.42	0.64	3–4	0.0	3	25	2	4	s.	New Subiaco Abbey

Climatological Data for October, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	59	66.8	+ 0.5	91	1	38	13	1.10	−1.97	1.10	3−4	0.0	2	19	11	1	s.	U S Weather Bureau
Turnpike †	Pope	2240	19	63.0	......	83	6	36	12	3.44	−1.72	2.80	7	0.0	7	22	6	3	sw.	U. S. Forest Service
Waldron	Scott	675	24	62.4	......	95	3	29	13	1.35	−2 57	1.08	7	0.0	2	16	14	1	sw.	William D. Bivens
Warren	Bradley	206	49	66.5	+ 1.7	91	3§	38	28	0.39	−2.86	0.24	5	0.0	2	22	9	0	nw.	C. N. Turner
Whitecliffs	Little River	290	37	....	......	......	......	......	......	0.92	−2.22	0.67	4	0.0	2	23	4	4	......	L. M. Snead
White Rock †	Franklin	2285	7	63.5	......	83	1	38	12	3.55	......	2.33	4	0.0	5	22	7	2	sw.	U. S. Forest Service
Wilson	Mississippi	237	18	60.2	− 3.1	88	6	30	28	1.35	−1.75	0.61	7	0.0	3	21	0	10	sw.	D. O. Anderson
Wynne	Cross	167	35	63.0	+ 0.1	92	6	36	28§	1.93	−1.73	1.71	7	0.0	3	25	6	0	......	Mrs. Claudia A. Ford
State Means	......	..	..	63.9	+ 1.1	95	3§	25	13	1.13	−2.04	3.63	2−3	0.0	3	22	6	3	n.	

Daily Precipitation for October, 1944

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott [2]	Arkansas				.50	.09		1.02																									1.61
Alum Fork Reser.	Arkansas			.07		.04																											0.11
Aplin [2]	Arkansas					.20		.21																									0.41
Arkadelphia [2]	Ouachita																						T.										T
Arkansas City [2]	Mississippi												T.																				T.
Augusta [2]	White				2.23				.34														T.										2.57
Batesville Air'y [1]	White			.21		.02		.17														T											0.40
Batesville Livestk [2]	White				.04		.04		.15																								0.23
Batesville River [2]	White				.05	T		.42	.09													T.	T.										0.56
Beaty Lake	St. Francis					.05		1.71				T.	.09									T											1.85
Bee Branch	Arkansas			1.37		.24		.64																									2.25
Beech Grove	White																																....
Beedeville [2]	White			.07					1.13				.04										T.										1.24
Benton [2]	Saline																					.05											0.05
Bentonville [2]	Arkansas			3.63	.38			.35				T.										.02											4.38
Bethesda [2]	White																																0.00
Big Lake Outlet [2]	St. Francis			.02				1.14					.01																				1.17
Black Rock [2]	White			.54	.39	.09	T.	.25					.17																				1.44
Bluff City	Ouachita																					.08											0.08
Blytheville [2]	St Fraucis			.02				1.11																									1.13
Booneville 3 mi- w	Arkansas			T	1.05			.20																								T.	1.25
Booneville [2]	Arkansas				.27	.05		.78																									1.10
Boughton [2]	Ouachita																						.57										0.57
Brinkley [1]	White			.03				.52				T.	.04									T.											0.59
Burdette	Mississippi			.01		.16		.13																									0.30
Calico Rock [2]	White			.09	.05	.05			.27				.10																				0.56
Camden [2]	Ouachita																						.01										0.01
Camp Chaffee [2]	Arkansas		.08	.11	.31	.04		.27																									0.81
Camp Robinson [1]	Arkansas							.21																									0.21
Carlisle [2]	Arkansas																																....
Clarendon [2]	White								.37				.02																				0.39
Cold Springs [2]	Ouachita							.25					.03																				0.28
Conway	Arkansas			.21				T.																									0.21
Corning [2]	White			1.30	.70			.65					.05																				2.70
Cotter [2]	White			.48	.23			.29														T.											1.00
Crossett	Ouachita					.01																T	.10										0.11
Crystal Valley [2]	Arkansas																					T.											T.
Cummins Farm	Arkansas																																0.00
Danville [2]	Arkansas			.04		.21		98	.08																								1.31
Dardanelle [2]	Arkansas			.05		23		.77	.16													.03											1.24
Denmark [2]	White																																....
De Queeu	Red					1.05		.11																									1.16
Dermott [2]	Mississippi						T.							T.																			T.
Des Arc [2]	White				.14				.18				T.																				0.32
Devils Knob	Arkansas		.05	.40	1.20			1.35														.14											3.14
Dumas	Mississippi							T					T.									T.										T	T
Eagle Gap [2]	Arkansas	T.		T.	.24	.10		.40																									0.74
El Dorado [2]	Ouachita						.10																										0.10
Eleven Point	White			.51		.48	T.	.09					.37																				1.45
England	Arkansas																																....
Eureka Springs	White		.80	1.95	.65			.55														.12											4.07
Evening Shade [2]	White			.27	.04	T	.06	1.82					T																				2.19
Fayetteville	White		T.	1.65	.43	T.		.87				.02																					2.97
Fayetteville Exp. S	White		.03	2.02	.53			.98				.04									T.	.03											3.63
Fordyce	Arkansas																																0.00
Forester [2]	Arkansas							.09	.24																								0.33
Fort Smith [1‡]	Arkansas	.81	T.	2.00	.07		T.	.35																								.09	3.32
Fort Smith W. [1]	Arkansas	1.15		.84	.35		.06	.32				T.																				T.	2.72
Fulton [2]	Red				.60	.20	T.																										0.80
Garland [2]	Red				.14	T																											0.14
Georgetown [2]	White				.89				.56																								1.45
Gilbert [2]	White							.05																									0.05
Glenwood [2]	Ouachita					.23																											0.23
Grannis	Red				T.	.66	T.	.38													T.												1.04
Gravelly [2]	Arkansas				.58	.22		.16																									0.96
Gravette	Arkansas		.06	1.60	.77			.15																									2.58
Green Forest	White		.45	1.04	.59	.01		.11				.03										.14											2.37
Green Mountain	White		T.	T.		T.		T				*	.30																				0.30
Greenwood [2]	Arkansas				.59			.07																									0.66
Harrisburg [2]	St. Francis			*	.40				1.70				.40																				2.50
Harrison	White			.20	.14			.58				T.										.21											1.13
Heber Springs [2]	White			T.	.23	T.		.47	1.50				.05																				2.25
Helena [2]	Mississippi						.14		.30				.04																				0.48
Henderson [2]	White			.43	.11	.05		.40				T.																					0.99
Highland	Ouachita																																....
Hollis	Arkansas																					.56											0.56
Hope [2]	Red					.12	T	T.																									0.12
Hot Springs	Ouachita					.09		.26														T.											0.35
Huttig [2]	Ouachita						.74	T															.04										0.78
Index [1]	Red				.48	.45																											0.93
Jessieville	Ouachita			.20		.07		.04														.11											0.42
Jonesboro [2]	White			.04	.43		.18	.91					.19																				1.75

Daily Precipitation for October, 1944 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
LaCrosse[2]	White			.20	.08			.23																									0.51
Lake City[2]	St. Francis							T.																									T.
Lead Hill	White		.32	.34	.21		.12	.02				.04										.02											1.07
Little Rock[1‡]	Arkansas				T.			.01				T.										T										T.	0.01
Lutherville	Arkansas		.80	.18				1.58														.14											2.70
Madison[2]	St. Francis								1.00				.05																				1.05
Magnolia	Red																					T.											T.
Mammoth Spg[2]	White			.73	.65		.11						.09																				1.58
Marianna[2]	St. Francis						.12	*	.58				*	.18																			0.88
Marked Tree[2]	St. Francis				.26			1.19	.10				.30																				1.85
Marshall	White		.02	.05	.07			.07														T.											0.21
Marvell[2]	White																																....
Mena[2]	Ouachita				.12	.10	.47	.04										T.															0.73
Monticello[1‡]	Ouachita					.06																.05											0.11
Morobay[2]	Ouachita																						.03										0.03
Morrilton[2]	Arkansas				.45	.15		.05	.03																								0.68
Mountainburg	Arkansas		2.15	.19	1.12							T.																				T.	3.46
Mountain Home	White		T.	.40	.20			.40				T.																					1.00
Mountain Valley	Ouachita																																....
Mountain View[2]	White																																....
Mount Ida	Ouachita				.03	.55																											0.58
Mulberry[2]	Arkansas		2.12	T.	.85	.30		.20																									3.47
Nashville	Red				.34	.40		.23																									0.97
Newhope[2]	Ouachita					.22		1.00																									1.22
Newport[2]	White			.02	.82		.50	1.55	.65				.10										.10										3.74
Nimrod Dam	Arkansas			.59	.24	.24		.56				.01										.33											1.97
Odell[2]	Arkansas		.17	.56	1.33			1.33					.01										.09										3.49
Oden	Ouachita				.10	.51		.81																									1.42
Okay	Red				.56	.11																											0.67
Osceola[2]	Mississippi		.05		.05	T	.45	.24	.02					.03																			0.84
Ozark[3]	Arkansas		.45	T.	1.40			.10															.03										1.98
Paragould	St. Francis			.33		.31		.56				.03	.27																				1.50
Parkin[2]	St. Francis								1.10				.19																				1.29
Perryville	Arkansas						T.																										T
Pine Bluff[2]	Arkansas																						.13										0.13
Pine Ridge[2]	Ouachita					.34		.21	.06																								0.61
Pocahontas	White			.95		.13		.33					.22																				1.63
Portland[2]	Ouachita						.05																										0.05
Prescott[2]	Ouachita					.01	.02																										0.03
Red Star	White			.60	.30		.20																				.04						1.14
Rogers	White			1.74	.30			.49				.02																					2.55
Rosebud	Arkansas			.46				1.38																									1.84
Russellville	Arkansas			.91		.05	.12	.40																									1.48
St. Charles	White					.07		.31					.02																				0.40
St. Francis[2]	St. Francis			.05	.62		.26	.10					.12																				1.15
Searcy[2]	White			.03	.78				.34				.01																				1 16
Sheridan	Ouachita					.02																.04											0.06
Shirley[2]	White					.40	.20	.85					T.									T.											1.45
Siloam Springs	White	.03	T.	1.47	.41		T.	.28			.01	.01																					2.21
Sparkman	Ouachita																					.11											0.11
Stamps	Red				.04	T.																											0.04
Stephens[2]	Ouachita																																....
Steve[2]	Arkansas																																0.00
Story[2]	Ouachita					.21															.23												0.44
Stuttgart[2]	Arkansas																																0.00
Stuttgart Evap	Arkansas								.40																								0.40
Subiaco	Arkansas			.28	.36			.47				T.																					1.11
Sugar Grove[2]	Arkansas							.39														.03											0.42
Texarkana[1‡]	Red			.11	.99																												1.10
Tichnor[2]	White																																0.00
Turnpike	Arkansas		.27	.27	.05			2.00				.01	.02									.02											3.44
Viola[2]	White			.66		.05																											0.71
Waldron[2]	Arkansas				.27			1.08																									1 35
Walnut Grove	White			.10	T.		T.																										0.10
Warren	Ouachita					.24																.15											0.39
Whitecliffs[2]	Red				.67	.25																											0.92
White Rock	Arkansas		.55	.28	2 33		.05	.34																									3.55
Wilson[2]	Mississippi						.44	.61					.30																				1.35
Wynne[2]	St. Francis				.02				1.71				.20								T.												1.93

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for October, 1944

(See precipitation data in table on preceding page)

Station	Date	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bethesda §§	Evap.	.040	.214	.220	.104	.118	.204	.037	.073	.136	.084	.196	.176	.176	.029	.157	.194	.268	.027	.171	.290	.015	.129	.100	.186	.150	.126	.324	.049	.184	.124	.128	4.429
	Mean tem.	71	72	74	76	77	75	72	64	52	53	47	54	54	58	61	54	52	56	60	60	58	58	52	64	66	63	54	56	62	66	58	61.0
	Wind move	34	35	50	24	63	52	92	24	65	56	34	66	71	9	17	36	30	17	19	40	9	22	9	54	22	21	50	17	25	42	31	1141
Hope, Exp Farm §§	Evap.	.169	.161	.180	.120	.163	.152	.167	.230	.213	.200	.137	.185	.160	.157	.143	.151	.199	.127	.147	.160	.157	.128	.140	.124	.201	.143	.174	.168	.124	.134	.157	4.971
	Mean tem.	78	79	80	76	78	80	76	66	64	60	60	54	55	61	63	62	64	62	63	64	60	60	61	62	66	64	64	60	63	66	65	65.7
	Wind move	18	18	24	25	23	30	20	50	40	38	23	69	50	20	20	25	35	18	12	18	14	38	16	14	40	30	29	16	25	29	10	837
Nimrod Dam	Evap.	.152	.234	.166	.166	.144	.186	.184	.188	.198	.158	.100	.120	.136	.100	.154	.136	.158	.198	.150	.118	.114	.082	.116	.138	.150	.146	.124	.170	.124	.170	.178	4.658
	Mean tem.	76	78	75	80	76	76	78	66	61	60	55	54	54	62	65	64	58	61	62	62	65	60	60	63	68	68	60	59	66	66	66	65.2
	Wind move	15	31	2	14	17	25	10	16	14	12	23	26	18	11	11	6	8	13	6	26	5	7	12	39	7	8	6	34	10	21	25	478
Russellville	Evap.	.164	.140	.136	.124	.136	.150	.142	.174	.128	.134	.094	.104	.048	.120	.112	.122	.106	.094	.098	.102	.100	.100	.072	.096	.126	.118	.128	.100	.110	.104	.112	3.594
	Mean tem.	76	79	79	77	78	76	71	61	58	64	50	52	53	60	64	63	56	58	62	61	64	60	60	63	66	64	58	58	60	62	64	63.6
	Wind move	16	16	13	13	16	10	19	18	15	11	15	25	10	6	10	8	8	5	6	6	9	6	9	14	10	9	7	9	16	8	11	354
Stuttgart, Rice Exp. Farm §§	Evap.	*	.242	.156	.151	.152	.112	.006	.060	.145	.107	.112	.111	.063	.160	.066	.235	.097	.084	.105	.090	.064	.068	.107	.137	.059	.184	.130	.081	.079	.104	.094	3.361
	Mean Tem.	....	74	76	75	76	78	71	62	58	52	50	52	58	60	62	62	65	55	62	60	59	58	56	62	66	62	56	54	62	65	62	62.4[a]
	Wind move	*	28	26	43	54	67	79	2	28	18	42	60	12	47	14	67	14	12	28	8	22	25	23	50	24	34	22	29	15	18	40	951

Daily Temperatures for October, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	88	89	88	86	84	88	88	78	74	71	67	63	70	82	82	80	76	80	80	82	79	74	77	85	85	83	77	79	84	84	83	80.2
	Minimum	60	63	62	61	62	62	65	55	50	43	37	42	39	40	58	50	39	40	42	44	51	47	41	46	50	52	39	37	50	48	43	49.0
Arkadelphia §§	Maximum	91	90	91	91	92	94	89	81	80	75	75	70	78	86	89	81	82	84	85	88	74	78	82	88	92	84	78	85	89	88	85	84.4
	Minimum	62	63	65	65	67	65	64	48	42	45	39	35	33	34	36	44	42	40	38	40	40	42	40	40	39	42	47	35	35	42	43	45.5
Batesville Air. ***	Maximum	88	87	87	87	87	90	80	76	70	67	64	66	75	83	76	74	75	82	83	83	73	73	78	87	90	80	77	84	88	81	82	79.8
	Minimum	59	62	67	67	66	65	51	41	42	38	34	38	35	38	49	41	34	35	39	40	46	43	39	46	48	45	37	34	48	45	44	45.7
Batesville, Livestk §§	Maximum	86	85	82	86	85	90	78	74	68	65	61	65	73	82	76	73	75	80	82	82	72	72	77	86	89	78	76	83	86	83	81	78.4
	Minimum	57	61	65	62	68	64	68	40	39	35	33	36	35	37	42	39	34	33	35	39	45	41	40	49	47	48	38	35	39	46	46	45.0
Bee Branch	Maximum	88	87	86	87	85	87	82	79	74	72	67	66	71	80	80	80	77	82	85	85	81	74	76	82	88	80	80	80	87	83	81	80.4
	Minimum	61	64	69	66	68	64	66	52	46	44	41	42	44	43	52	51	38	43	39	40	45	40	46	51	46	46	39	38	44	54	51	49.5
Benton §§	Maximum	88	88	90	86	88	91	82	78	75	68	66	66	75	84	83	78	78	81	82	85	70	75	78	86	90	80	80	82	84	88	81	80.8
	Minimum	57	61	62	60	61	62	63	45	38	39	33	32	31	31	32	42	35	35	34	36	38	38	36	36	40	44	35	35	36	34	31	41.7
Bentonville §§	Maximum	89	85	80	76	82	87	75	72	71	66	58	63	72	82	80	76	75	79	78	76	70	74	76	83	87	77	78	80	81	80	80	77.0
	Minimum	65	65	65	61	59	57	53	43	44	44	45	44	44	44	46	47	39	39	40	43	44	40	41	46	49	50	40	40	41	52	50	47.9
Bethesda §§	Maximum	86	85	83	85	86	90	78	74	68	72	62	70	72	81	76	73	75	81	82	82	71	75	68	85	88	84	75	83	85	89	74	78.6
	Minimum	56	60	65	66	68	60	65	44	37	34	32	38	35	34	46	36	30	32	37	37	44	40	35	42	44	42	34	30	39	44	42	43.5
Bluff City	Maximum	87	89	90	86	89	91	90	88	87	74	70	66	74	81	83	79	77	80	82	83	80	74	79	82	87	85	78	79	87	83	82	82.0
	Minimum	65	68	70	66	70	69	65	55	49	46	46	42	37	44	48	53	46	43	48	44	48	45	45	49	51	51	46	40	45	47	56	51.5
Blytheville	Maximum	85	84	81	83	84	88	84	76	74	67	62	61	71	81	73	70	74	82	80	80	70	70	76	83	87	74	68	77	78	78	80	76.8
	Minimum	61	62	65	65	70	70	65	51	43	38	40	44	41	42	51	40	39	40	41	43	43	45	41	50	47	44	37	35	47	43	49	48.1
Booneville	Maximum	93	93	95	83	89	93	85	77	76	70	66	67	76	86	85	78	77	82	82	83	75	77	82	88	91	83	80	83	88	87	86	82.5
	Minimum	62	68	67	65	61	58	63	46	40	50	38	35	32	37	44	51	37	38	39	39	51	41	41	41	43	44	44	34	41	42	46	46.4
Brinkley ***	Maximum	87	88	90	88	88	92	78	77	71	65	66	64	73	80	78	73	76	80	81	82	70	74	77	83	88	76	76	79	87	86	80	79.1
	Minimum	60	59	66	63	67	67	52	44	40	36	32	38	34	33	43	43	38	35	38	36	41	39	33	48	47	45	33	50	40	45	44	44.2
Camden	Maximum	90	91	91	88	88	91	87	78	78	69	72	66	74	83	85	79	79	81	82	83	72	76	80	83	88	84	77	79	87	84	82	81.5
	Minimum	60	69	66	62	63	68	67	49	41	43	39	39	32	36	42	49	41	39	41	38	43	40	38	40	45	39	40	34	40	42	43	46.1
Camp Robinson ***	Maximum	88	89	90	89	87	90	80	76	73	68	70	64	73	83	80	76	76	82	81	84	73	74	78	84	88	78	76	80	85	85	81	80.0
	Minimum	58	63	66	63	66	65	60	50	45	40	35	34	34	34	33	51	44	39	41	41	46	43	40	45	58	47	40	35	47	47	46	47.0
Conway	Maximum	91	92	86	90	90	93	85	83	79	75	68	70	76	86	83	80	81	84	86	87	77	79	83	90	93	91	81	85	91	89	87	84.2
	Minimum	61	66	68	65	68	66	68	47	44	40	37	38	38	36	47	48	39	37	40	42	51	43	40	44	47	48	38	34	45	48	49	47.8
Corning	Maximum	86	87	83	86	86	90	81	76	66	63	63	66	73	82	73	73	75	80	82	80	79	70	78	85	88	89	71	83	80	78	89	78.7
	Minimum	61	62	65	67	68	68	64	46	41	36	37	38	36	38	49	39	36	34	37	38	42	45	35	49	42	44	34	31	42	42	45	45.5
Crossett	Maximum	90	91	87	83	90	90	89	80	76	69	72	64	73	82	85	81	80	82	83	78	82	76	80	84	87	88	79	78	87	86	83	81.8
	Minimum	58	62	63	60	65	65	65	54	40	39	34	38	34	34	38	53	44	40	40	37	39	38	41	39	62	44	41	32	38	41	42	45.8
Dardanelle	Maximum	90	90	89	87	88	91	82	81	76	76	70	68	74	81	81	80	78	80	83	81	80	77	80	87	88	88	79	82	85	85	85	82.0
	Minimum	63	68	69	69	68	63	65	51	44	48	38	41	35	39	47	50	38	38	41	43	54	46	42	45	46	49	40	37	45	47	48	48.9
De Queen	Maximum	88	88	87	83	83	85	83	79	76	70	69	68	70	79	82	78	75	76	80	80	76	74	76	81	80	82	84	80	83	81	80	79.2
	Minimum	65	68	70	68	61	67	65	54	42	52	50	44	34	38	44	54	54	38	42	43	48	42	41	42	41	42	43	38	41	43	47	49.1
Des Arc	Maximum	86	80	91	89	89	91	95	77	74	72	64	65	71	82	77	77	74	76	77	81	73	70	75	81	86	75	74	76	85	84	81	79.0
	Minimum	61	64	68	64	68	68	65	46	41	39	37	38	35	37	45	46	38	37	39	39	44	41	36	47	42	49	35	32	44	50	46	46.5
Devils Knob	Maximum	83	78	78	73	77	82	73	67	65	62	56	59	65	74	78	70	70	74	77	75	67	68	69	78	82	76	74	76	76	75	74	72.6
	Minimum	63	65	35	62	61	65	59	49	45	43	42	36	44	50	60	51	47	51	58	59	51	49	51	56	60	55	52	53	60	61	59	54.3
Dumas	Maximum	88	88	90	91	92	92	85	78	74	68	69	70	74	81	81	77	78	81	81	83	79	74	80	84	90	82	75	88	89	88	85	81.8
	Minimum	63	63	66	63	60	68	67	50	43	41	36	40	39	45	45	48	43	41	43	41	42	41	38	44	47	47	40	34	35	47	45	47.3
El Dorado	Maximum	90	91	89	87	89	88	87	83	77	72	72	70	73	85	86	85	82	79	80	81	79	77	77	81	85	84	75	78	83	83	81	81.6
	Minimum	70	71	71	69	69	71	73	62	52	52	50	49	47	49	52	59	53	48	49	48	50	55	46	47	51	52	44	40	47	47	51	54.6
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	87	85	79	73	80	87	83	69	67	63	57	60	69	79	75	78	72	76	77	77	67	70	73	80	84	75	74	78	80	78	80	75.2
	Minimum	62	68	64	63	61	62	58	45	40	38	41	35	35	53	50	46	38	46	46	47	50	43	52	56	58	51	44	46	57	53	61	50.6
Fayetteville	Maximum	87	85	85	78	82	86	80	72	70	66	61	63	71	81	82	76	77	78	79	76	71	74	74	81	85	80	76	78	79	77	77	77.0
	Minimum	65	68	64	62	61	63	60	45	40	48	37	36	34	45	43	47	37	42	40	42	49	40	48	55	52	45	38	39	48	49	57	48.4
Fayetteville Exp. S	Maximum	87	85	84	77	81	86	83	72	71	66	60	61	71	80	81	76	75	79	80	79	73	75	75	82	86	79	77	79	82	80	79	77.5
	Minimum	61	67	62	60	59	62	59	42	37	44	35	33	32	42	43	46	35	40	38	40	47	39	49	53	49	45	37	35	44	49	55	46.4
Fordyce	Maximum	90	90	91	88	89	91	87	81	77	72	71	66	76	85	87	80	78	82	83	86	82	75	81	85	89	86	77	79	89	86	86	82.7
	Minimum	65	68	68	66	68	69	69	54	49	45	44	39	40	46	51	51	45	46	49	51	48	46	50	49	53	48	45	42	47	52	52	52.1
Fort Smith ***	Maximum	89	89	84	77	85	89	79	73	74	68	61	65	72	81	83	78	74	78	80	76	74	74	78	84	86	81	78	79	83	83	79	78.5
	Minimum	66	69	69	66	63	64	61	55	50	53	47	45	42	47	53	55	49	48	48	50	55	51	49	50	52	52	53	46	51	53	54	53.7
Gilbert §§	Maximum	91	88	87	87	89	94	80	77	75	69	63	65	75	88	78	75	78	84	85	85	73	76	79	90	92	78	78	85	88	86	85	81.4
	Minimum	53	54	60	60	61	50	51	37	31	31	28	30	25	29	33	37	27	27	31	31	34	34	33	34	38	37	28	27	27	39	37	37.2
Grannis	Maximum	90	89	90	82	81	87	84	78	79	75	64	67	75	83	87	83	83	83	84	81	76	77	79	86	89	86	81	84	86	85	82	81.8
	Minimum	61	64	64	63	63	64	62	49	43	50	47	48	38	42	48	45	42	45	47	50	54	48	43	47	50	50	50	43	50	51	49	50.6
Gravette	Maximum	88	82	83	77	82	87	79	73	71	66	59	64	71	82	81	76	76	79	80	73	69	74	75	82	86	79	79	80	81	80	79	77.2
	Minimum	63	68	65	60	61	63	59	39	37	46	33	31	32	42	46	49	40	40	40	41	49	40	45	50	48	51	45	37	45	47	50	47.2
Green Mountain	Maximum	80	85	86	89	87	92	79	72	68	58	62	68	68	82	80	70	74	75	81	80	70	70	76	80	82	70	68	80	82	79	80	76.5
	Minimum	60	68	67	69	66	64	59	50	42	38	38	40	40	62	60	50	45	46	48	49	49	46	48	49	55	48	46	48	57	56	59	52.3
Harrison	Maximum	89	86	84	80	86	91	83	72	69	65	59	63	72	83	79	74	75	81	82	81	71	73	78	84	89	78	77	81	83	82	84	78.5
	Minimum	58	68	65	66	59	56	60	47	39	36	35	37	32	34	39	42	33	34	38	39	51	40	43	54	46	44	35	34	49	46	43	45.2
Helena	Maximum	86	86	89	86	83	90	84	73	70	64	64	61	68	79	80	73	74	82	77	78	72	71	77	81	86	77	72	74	82	85	76	77.4
	Minimum	63	63	68	54	71	69	65	47	45	38	37	45	38	45	50	48	47	44	50	46	50	46	46	50	52	55	40	36	45	51	54	50.6
Highland	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope §§	Maximum	93	91	92	85	89	92	86	78	80	73	72	67	75	86	87	80	81	83	83	85	75	77	81	84	87	85	79	84	88	85	84	82.8
	Minimum	63	67	68	66	67	69	66	54	47	48	48	42	35	35	39	45	46	42	43	43	44	44	41	41	44	44	49	37	38	46	46	48.6
Hot Springs	Maximum	89	88	90	86	86	90	88	78	78	74	68	67	76	86	87	82	81	82	87	85	76	78	80	86	91	86	81	84	88	86	83	82.8
	Minimum	64	67	71	66	67	67	66	53	50	45	44	43	43	48	54	53	45	48	51	53	54	48	49	58	63	57	49	47	56	56	56	54.5
Jonesboro	Maximum	86	87	84	86	85	89	81	74	70	62	62	62	71	80	74	70	73	80	79	79	71	70	74	83	86	77	71	79	78	77	80	76.8
	Minimum	60	61	66	66	70	69	66	49	44	38	40	42	40	43	52	45	41	40	45	44	49	47	40	53	51	54	43	38	51	48	46	49.7
Lead Hill	Maximum	89	89	84	84	86	90	78	72	68	66	59	65	74	84	75	74	75	81	81	81	68	73	80	85	87	77	76	82	83	82	85	78.5
	Minimum	56	65	66	64	57	53	64	39	34	31	31	30	28	34	41	38	28	29	33	34	52	35	35	40	38	38	30	28	40	42	38	41.0
Little Rock ***	Maximum	87	87	90	87	88	90	81	78	74	69	66	65	74	84	81	76	75	78	81	83	72	73	78	86	89	78	76	80	86	83	80	79.8
	Minimum	63	65	70	67	70	68	62	55	50	44	38	43	40	43	48	52	47	42	44	44	49	47	42	49	53	50	45	39	49	51	48	50.9
Lutherville	Maximum	91	91	87	84	86	88	81	76	73	70	62	65	70	80	83	80	76	79	82	80	75	73	76	81	85	82	78	78	82	82	82	79.3
	Minimum	61	64	67	67	65	61	63	50	42	45	37	38	35	42	50	51	47	41	46	47	52	45	44	54	52	54	46	44	54	51	49	50.5
Magnolia	Maximum	90	91	90	88	89	91	88	83	78	76	76	71	75	82	83	82	79	80	82	84	76	76	80	84	86	85	83	79	85	85	82	82.5
	Minimum	62	66	65	61	66	65	64	51	41	44	42	39	31	38	42	51	43	40	44	38	44	43	40	40	46	45	45	34	40	41	49	47.1
Mammoth Spring	Maximum	85	85	78	85	85	88	75	71	67	64	60	62	76	80	74	71	72	76	80	81	83	80	78	81	85	83	80	80	82	75	82	77.5
	Minimum	52	68	68	69	62	58	65	43	38	35	34	39	32	37	51	38	32	31	35	35	37	34	34	41	41	40	36	31	40	44	41	43.3
Marianna §§	Maximum	85	89	89	88	89	90	75	73	67	63	66	62	70	81	78	72	75	80	79	79	67	72	78	83	88	75	73	77	85	85	80	77.8
	Minimum	61	61	66	63	63	68	65	50	43	40	35	46	39	38	48	45	42	39	43	39	45	41	35	45	47	51	36	31	40	46	50	47.1
Marked Tree §§	Maximum	85	86	89	85	87	90	75	72	65	62	64	62	70	80	76	72	75	80	82	79	66	71	76	82	85	76	71	78	79	78	79	76.7
	Minimum	61	60	60	65	69	70	66	50	44	40	38	38	42	40	39	43	40	40	39	45	44	45	39	39	46	48	40	34	34	46	47	46.8
Marshall	Maximum	89	86	82	84	85	87	90	74	69	66	59	61	72	85	76	72	73	80	80	81	71	72	77	87	88	75	74	83	85	85	83	78.4
	Minimum	65	69	68	68	64	65	67	44	39	36	34	34	31	40	46	42	33	36	40	41	49	41	51	58	51	46	37	40	40	49	61	47.9
Mena	Maximum	91	90	86	83	86	87	81	75	75	71	65	64	76	85	77	78	81	82	81	85	72	78	79	86	89	85	82	83	87	84	82	80.8
	Minimum	62	68	67	65	64	62	62	49	45	50	48	39	36	44	48	52	40	42	43	46	51	44	44	51	54	51	48	43	48	49	52	50.5
Monticello ***	Maximum	88	89	89	87	89	89	84	84	72	67	68	63	71	80	84	78	79	81	81	81	80	75	79	83	87	84	76	78	86	85	84	80.7
	Minimum	65	66	68	68	69	69	68	56	45	45	40	40	39	42	49	54	49	48	51	46	49	49	49	48	49	53	50	41	45	50	53	52.0
Morrilton §§	Maximum	90	94	94	88	89	94	84	78	75	72	66	63	73	82	83	80	80	82	87	87	75	75	85	90	89	81	82	82	91	90	83	82.7
	Minimum	61	67	67	64	66	62	65	47	43	40	35	39	33	34	36	45	34	35	36	39	39	39	39	42	44	45	35	34	34	45	44	44.8
Mountain Home	Maximum	89	88	84	86	88	92	85	73	69	66	60	64	70	85	76	77	75	80	81	82	72	82	85	87	89	79	76	83	86	80	83	79.7
	Minimum	58	63	66	66	66	57	63	52	42	34	33	36	30	36	50	40	32	31	36	37	54	40	39	40	43	42	33	32	46	47	43	44.7
Mt. Ida	Maximum	93	90	92	84	90	90	83	80	78	79	69	67	77	87	84	81	79	83	84	86	71	77	80	87	91	85	81	84	88	86	83	82.9
	Minimum	57	62	65	62	59	61	63	43	36	37	36	35	27	38	36	44	30	32	32	35	48	36	34	36	39	41	34	29	37	37	40	42.0
Nashville	Maximum	90	91	89	84	86	90	86	78	79	70	72	67	73	82	85	80	78	81	85	83	74	76	79	84	86	86	80	81	87	84	82	81.5
	Minimum	65	68	68	65	67	67	67	55	45	53	52	43	37	40	46	56	44	45	44	43	51	44	43	43	45	48	50	39	42	43	46	50.5
Newport	Maximum	89	90	88	90	86	90	80	76	71	67	64	65	73	82	75	73	75	80	82	82	72	72	77	85	87	77	76	81	85	82	82	79.2
	Minimum	61	61	68	66	70	69	70	49	43	40	39	42	40	38	50	45	39	39	40	42	48	43	39	45	47	52	37	35	43	48	46	48.2

Daily Temperatures for October, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Nimrod Dam	Maximum	91	91	88	85	86	90	90	81	77	74	70	66	74	84	83	79	78	81	83	83	78	74	79	84	89	88	81	82	85	85	84	82.0
	Minimum	60	65	62	76	66	63	66	51	45	45	40	42	35	40	47	49	38	41	40	41	52	45	42	42	47	48	39	36	46	46	49	48.5
Oden***	Maximum	92	90	94	85	87	90	81	77	80	76	69	69	78	87	89	83	83	85	87	87	76	80	83	88	94	89	84	86	90	89	87	84.4
	Minimum	60	70	67	65	66	60	64	48	43	52	48	46	38	41	48	56	42	44	43	45	55	44	43	47	51	51	46	37	48	49	49	50.5
Okay	Maximum	91	91	91	89	88	92	90	81	81	81	75	72	75	82	85	82	81	81	84	85	84	83	80	84	89	88	88	86	85	85	86	84.4
	Minimum	67	68	68	65	66	69	66	50	41	50	46	41	32	35	39	52	39	41	40	39	40	41	40	39	41	44	39	36	34	38	43	46.7
Ozark	Maximum	90	89	90	90	88	90	81	75	74	70	65	65	70	80	83	77	75	79	81	80	76	72	77	80	85	80	78	78	83	82	81	79.5
	Minimum	62	69	71	68	62	60	65	48	44	52	39	40	36	41	48	48	40	41	43	44	50	45	44	45	47	47	43	39	46	47	46	49.0
Paragould	Maximum	83	82	80	84	85	87	80	71	66	60	62	62	63	76	72	68	71	74	77	76	68	66	73	81	81	73	66	75	79	76	78	74.0
	Minimum	59	60	65	66	69	66	66	50	44	39	35	42	43	39	51	41	39	36	40	45	46	47	36	47	46	50	36	34	48	44	43	47.5
Perryville	Maximum	89	91	88	89	87	91	93	78	74	72	66	66	74	84	81	..	..	81	82	83	73	75	80	86	88	79	77	81	85	87	84	81.5
	Minimum	67	64	66	61	65	59	62	42	37	35	51	33	63	33	41	..	..	31	33	40	47	39	30	40	42	33	35	29	43	42	40	44.9
Pine Bluff	Maximum	87	90	91	90	90	93	86	81	76	73	70	67	71	76	86	80	80	83	85	85	75	76	80	85	90	81	78	81	85	86	86	82.0
	Minimum	64	67	70	66	70	70	70	55	51	47	41	43	40	46	50	52	47	45	49	51	45	48	43	52	53	54	46	39	50	54	53	52.6
Pocahontas	Maximum	89	89	85	89	86	90	83	77	72	64	65	64	73	82	80	74	74	79	82	81	80	72	78	86	87	85	75	82	80	78	83	79.5
	Minimum	57	60	65	66	68	65	65	51	42	37	35	39	39	36	52	43	42	35	38	44	49	46	36	44	44	51	37	32	43	48	44	46.9
Portland	Maximum	87	89	90	86	88	88	84	79	74	68	72	64	72	82	83	79	79	82	82	83	83	75	80	85	89	88	81	77	86	87	82	81.4
	Minimum	61	62	65	62	68	70	66	55	44	44	37	43	40	40	43	54	48	44	48	42	42	46	42	42	49	48	42	37	40	45	46	48.9
Prescott	Maximum	92	91	92	89	90	92	90	85	80	77	71	67	75	84	87	85	80	81	83	85	81	76	80	84	88	85	81	81	87	85	84	83.5
	Minimum	65	68	71	67	70	70	68	58	51	50	52	44	39	41	49	55	49	46	48	47	53	49	45	47	51	53	50	42	48	48	53	53.1
Rogers	Maximum	82	83	81	76	81	85	80	69	77	68	56	62	70	80	78	74	74	75	78	76	67	72	74	81	84	76	75	79	80	78	78	75.8
	Minimum	70	67	64	60	59	58	58	42	39	42	38	31	34	42	46	48	39	45	40	44	49	42	45	50	51	53	42	41	49	52	49	48.0
Russellville	Maximum	91	92	89	88	89	92	81	76	76	68	65	66	72	82	82	79	76	80	84	82	76	74	80	84	88	81	78	81	85	85	84	80.8
	Minimum	61	66	69	66	68	61	61	46	41	41	36	38	34	37	46	47	36	37	39	40	51	45	41	42	44	47	38	36	36	40	45	46.3
St. Charles	Maximum	88	87	90	88	89	90	89	78	70	70	68	65	71	81	83	75	77	80	81	82	79	74	78	83	88	84	75	77	85	85	79	80.3
	Minimum	61	60	66	63	68	68	66	51	43	41	36	44	39	42	46	47	42	41	43	43	45	42	39	45	50	48	38	35	43	48	46	48.0
Searcy	Maximum	85	87	87	85	86	88	77	75	70	65	63	64	70	81	75	72	73	78	79	80	70	71	77	84	87	76	75	80	86	83	81	77.7
	Minimum	61	63	68	65	68	66	68	52	46	42	37	42	40	39	50	48	44	41	43	46	55	49	40	45	48	53	43	36	47	51	44	49.7
Sheridan	Maximum	89	90	90	89	88	92	83	78	75	74	68	66	74	84	83	78	78	82	82	85	80	76	80	85	90	81	78	82	88	86	81	81.8
	Minimum	60	63	65	61	66	65	65	45	40	40	35	36	36	37	45	46	39	39	41	42	47	38	39	42	46	47	40	38	45	47	46	46.5
Siloam Springs	Maximum	88	86	82	77	82	82	74	70	68	63	56	61	69	81	81	77	77	79	80	74	69	79	76	83	85	81	78	79	81	79	77	76.6
	Minimum	61	67	64	59	60	60	62	41	37	48	36	33	32	42	45	49	40	38	40	41	48	38	43	37	42	47	43	36	43	49	57	46.4
Stuttgart	Maximum	87	87	91	89	87	91	85	76	72	66	68	65	71	80	81	75	74	78	80	81	70	73	70	84	87	79	75	77	84	86	80	79.0
	Minimum	64	64	68	65	68	68	69	50	46	43	39	41	40	43	50	50	44	42	47	46	48	45	43	48	50	52	42	38	46	52	50	50.4
Stuttgart Evap.	Maximum	..	86	88	87	87	90	77	75	70	65	66	63	82	83	81	76	75	79	81	80	76	73	76	83	86	78	75	78	85	84	79	78.8
	Minimum	..	61	64	63	64	66	65	48	45	39	34	41	34	37	44	47	55	39	44	41	42	42	36	42	45	47	38	31	40	46	44	46.1
Subiaco	Maximum	92	93	93	84	88	91	81	74	73	68	63	64	70	79	84	79	77	72	81	78	76	74	79	81	85	81	78	79	81	84	80	79.4
	Minimum	61	69	68	65	64	60	64	53	44	49	44	41	32	41	49	50	41	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Texarkana***	Maximum	91	90	88	82	88	90	84	79	77	72	71	66	74	82	84	80	78	78	81	82	75	76	79	84	85	85	77	80	83	83	81	80.8
	Minimum	70	71	69	67	70	71	66	56	48	52	47	41	38	45	49	54	46	48	47	47	51	46	47	48	50	54	48	45	45	48	54	52.8
Turnpike	Maximum	82	80	76	76	79	83	74	71	65	61	56	57	65	75	77	68	72	75	76	76	67	70	70	77	82	75	72	76	77	77	76	73.0
	Minimum	62	64	64	63	64	58	59	50	44	40	43	36	44	53	58	48	44	49	58	58	49	46	50	56	62	53	49	48	61	58	56	53.1
Waldron	Maximum	94	91	95	87	88	92	85	77	75	71	65	65	74	85	86	80	80	81	81	82	76	77	80	86	89	85	81	81	85	85	81	81.9
	Minimum	58	62	65	63	62	55	63	44	37	46	37	35	29	34	40	44	32	34	35	36	47	37	36	37	39	40	36	32	37	38	42	43.0
Warren	Maximum	88	89	91	89	88	91	89	86	77	74	70	65	72	82	84	80	77	80	80	82	80	75	80	83	88	86	77	79	86	85	84	81.8
	Minimum	63	66	67	65	70	71	70	54	47	45	40	42	41	42	46	52	46	46	49	46	52	49	43	49	49	50	45	38	46	49	50	51.2
White Rock	Maximum	83	80	81	72	77	81	73	68	67	63	57	59	65	75	78	72	69	74	75	75	68	68	71	78	81	76	73	76	79	76	75	73.1
	Minimum	59	65	63	59	60	65	54	52	50	45	41	38	42	46	59	52	48	50	56	56	52	52	51	55	60	59	53	51	59	61	57	53.9
Wilson	Maximum	85	85	86	86	85	88	75	72	69	60	62	61	68	76	76	70	71	79	78	78	73	68	75	80	81	76	73	73	78	76	78	75.5
	Minimum	66	56	66	62	64	66	63	44	39	35	34	45	37	40	46	37	33	36	39	39	41	41	35	38	44	45	33	30	44	41	49	44.8
Wynne§§	Maximum	86	87	86	86	89	92	74	72	65	62	61	60	72	82	74	70	74	80	79	80	67	71	79	81	90	76	72	82	81	86	84	77.4
	Minimum	63	65	66	68	69	70	69	49	45	41	40	41	38	39	44	46	43	40	41	42	41	46	43	44	52	50	40	36	36	46	54	48.6

Daily River Stages for October, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.8	11.6	13.7	13.3	13.0	15.4	17.2	17.9	17.6	16.6	16.0	14.8	11.8	9.7	8.8	8.6	8.4	8.2	7.8	7.7	7.6	7.6	7.4	7.4	7.0	6.2	6.2	6.4	6.2	6.1	6.1
Van Buren	do	22	6.8	10.9	13.9	13.6	12.9	15.7	17.6	18.4	18.2	17.1	16.3	15.1	11.9	9.6	8.6	8.4	8.1	7.7	7.5	7.3	7.2	7.0	6.9	6.8	5.9	5.6	6.2	6.1	5.9	5.8	5.7
Danville	Petit Jean	20	2.5	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.2
Ozark	Arkansas	22	1.1	4.0	9.0	9.8	9.1	11.0	12.3	13.8	14.0	13.8	12.4	11.7	9.5	6.9	5.1	4.4	4.2	3.8	3.4	3.1	3.0	3.0	2.8	2.8	2.4	1.6	1.7	2.0	2.0	1.6	1.6
Dardanelle	do.	22	2.8	3.0	7.2	11.9	12.0	11.5	14.0	15.7	16.6	16.4	15.4	14.7	13.6	11.0	8.6	7.1	6.4	6.2	5.9	5.6	5.4	5.2	5.0	4.9	4.7	4.4	3.7	3.8	4.1	4.0	3.9
Morrilton	do.	20	-1.8	-1.7	-0.5	6.0	7.6	7.0	8.6	11.2	11.8	12.0	11.2	10.4	9.6	7.6	5.0	3.1	2.0	1.6	1.4	1.0	0.8	0.6	0.4	0.2	0.1	-0.1	-0.2	-1.0	-0.9	-0.7	-0.1
Little Rock	do.	23	1.1	1.2	1.4	2.2	7.6	8.4	8.1	10.0	11.7	12.5	12.3	11.4	10.7	9.8	7.8	6.0	4.7	4.0	3.7	3.5	3.2	3.0	2.9	2.8	2.6	2.5	2.4	2.1	1.8	1.9	2.0
Pine Bluff	do.	25	1.0	0.9	0.9	1.1	3.2	9.1	9.9	11.0	13.3	14.7	15.3	14.5	13.7	12.9	11.3	9.4	7.5	6.1	5.5	5.0	4.5	4.2	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.6	2.5
Gilbert	Buffalo	30	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Black Rock	Black	14	1.2	1.2	1.2	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Heber Springs	Little Red	30	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.3	3.1	2.9	2.8	2.4	2.2	2.1	2.0	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6
OzarkBeachMo	White	30	-0.3	-0.2	4.4	4.6	6.4	4.8	4.6	2.4	-0.3	-0.3	-0.3	-0.2	1.5	-0.3	-0.3	-0.3	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
Cotter	do	21	1.7	1.2	1.4	2.7	5.7	5.8	6.4	5.3	5.0	3.7	3.3	3.2	3.3	3.4	2.8	2.4	2.2	2.8	2.1	2.0	1.7	1.6	1.7	1.4	1.3	1.2	1.2	1.6	1.6	1.5	1.8
Calico Rock	do	18	0.3	0.2	0.7	0.8	2.2	5.6	5.2	4.2	3.8	2.8	2.0	1.8	1.8	1.8	1.5	1.3	1.4	1.1	1.4	1.2	1.2	0.8	0.4	0.7	0.8	0.6	0.9	0.8	0.6	0.2	0.6
Batesville	do	23	4.5	4.6	4.6	4.7	5.0	8.1	10.1	9.3	8.4	8.0	7.0	6.3	6.0	6.0	6.0	5.8	5.4	5.4	5.2	5.6	5.4	5.4	5.7	4.9	4.9	5.1	4.9	4.9	5.1	5.0	4.7
Newport	do	26	-0.6	-0.8	-0.9	-0.8	-0.7	-0.5	2.6	4.2	3.6	2.8	2.3	1.5	0.9	0.5	0.5	0.4	0.1	-0.1	-0.2	-0.3	-0.1	-0.2	-0.3	-0.4	-0.6	-0.6	-0.6	-0.7	-0.7	-0.8	-0.7
Georgetown	do	21	-0.8	-0.8	-0.9	-0.8	-0.8	-0.8	-0.8	0.1	2.7	3.8	4.7	4.4	3.8	2.5	1.8	1.2	1.0	0.8	0.6	0.3	0.2	0.1	0.0	-0.1	-0.2	-0.2	-0.3	-0.5	-0.5	-0.6	-0.6
Des Arc	do	24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.7	5.5	5.9	5.8	5.5	4.7	4.3	3.9	3.7	3.3	3.1	2.9	2.7	2.5	2.5	2.5	2.4	2.4	2.2	2.0	2.0	2.0	2.0
Clarendon	do	26	6.2	6.2	6.3	6.3	6.3	6.2	6.1	6.2	6.5	7.7	9.1	9.7	9.9	9.7	9.3	8.8	8.4	8.1	7.8	7.6	7.4	7.2	7.0	6.9	6.9	6.8	6.7	6.6	6.4	6.3	6.3
St. Charles	do	25	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.1	6.6	7.8	8.9	9.4	9.5	9.3	8.9	8.5	8.1	7.8	7.6	7.4	7.1	7.0	6.8	6.8	6.7	6.7	6.5	6.4	6.3	6.2
Glenwood	Caddo	..	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Arkadelphia	Ouachita	17	3.9	4.0	4.1	4.4	4.3	4.1	4.1	4.0	3.7	3.8	3.8	3.9	4.0	4.0	4.0	3.6	3.6	3.9	4.2	4.1	4.3	4.4	3.9	4.0	4.0	4.4	4.4	4.2	4.0	3.8	4.0
Boughton	Little Mo.	20	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1	3.0	3.0	3.2	3.1	3.1
Camden	Ouachita	26	4.2	4.0	4.0	3.9	3.8	4.0	4.0	4.0	3.9	3.8	3.7	3.7	3.5	3.6	3.8	3.7	3.8	3.7	3.6	3.6	3.7	3.9	4.0	4.0	3.9	3.8	3.8	3.9	4.1	4.0	3.9
Benton	Saline	20	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	2.6
Index	Red	25	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	8.2	8.1	7.2	6.6	6.2	5.8	5.5	5.4	5.6	5.6	5.3	5.1	5.0	5.0	4.9	4.7	4.7	4.6	4.6	4.6	4.6	4.6
Fulton	do	25	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.4	5.6	7.4	7.0	6.2	6.0	5.7	5.5	5.4	5.3	5.2	5.2	5.1	5.0	5.0	4.9	4.8	4.6	4.6	4.5	4.4	4.4	4.4
Big Lake Outlet	St. Francis	10	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
St. Francis	do	18	1.9	1.9	3.2	3.9	3.9	4.1	4.4	4.4	3.8	3.5	3.4	3.3	3.1	3.0	2.9	2.9	2.9	2.7	2.6	2.6	2.6	2.6	2.5	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2
St. Francis L.L.	do	..	14.5	15.4	16.4	17.0	17.4	17.8	17.0	15.0	14.3	15.6	16.5	17.3	17.8	17.0	17.0	16.8	17.3	17.6	18.0	18.1	18.0	17.6	17.5	17.3	17.4	17.7	18.0	17.7	17.4	16.5	16.9
Marked Tree	do	17	2.8	1.0	0.5	0.4	0.4	0.5	5.0	3.2	3.2	1.0	0.5	0.5	0.4	3.0	3.1	2.0	0.6	0.5	0.4	0.4	2.0	2.0	2.0	1.9	1.0	0.5	0.5	1.9	1.9	3.0	0.5
Parkin	do	28	1.4	2.0	2.0	1.3	1.0	1.0	1.0	2.0	2.6	2.6	1.9	1.3	1.1	0.9	1.3	2.2	2.1	1.6	1.0	0.9	0.9	1.1	1.7	1.8	1.8	1.6	1.2	0.9	1.1	1.6	2.2
Madison	do	32	1.2	0.6	0.8	0.9	0.5	0.1	0.0	0.4	0.9	1.2	1.2	1.0	0.4	0.1	0.0	0.2	0.6	0.7	0.5	0.2	0.0	-0.3	0.0	0.4	0.6	0.6	0.5	0.2	-0.1	-0.1	0.5
Helena	Mississippi	42	6.8	7.4	7.8	8.0	9.2	10.6	11.7	12.3	10.3	12.6	12.8	13.1	13.2	12.9	12.3	11.6	11.0	10.1	9.2	8.4	7.7	6.8	6.1	5.2	4.9	5.5	6.3	6.8	7.3	8.0	8.1
Arkansas City	do	42	3.2	3.4	3.9	4.2	4.5	5.5	7.3	9.4	10.3	11.3	12.2	12.7	13.0	12.8	12.1	11.2	10.1	8.8	7.6	6.5	5.8	5.2	4.7	3.9	3.1	2.6	2.8	3.2	3.7	4.1	4.4

Symbols for Climatological Data Table:--The departures from the normal temperature and precipitation are computed from the averages of the entire period for stations having 10 or more years of record. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Postoffice addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters a, b, c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. ¹Precipitation is for the 24-hour period, midnight to midnight. ²Precipitation measured in morning; amount recorded is for the preceding 24 hours. ³Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Heasley; Sparkman, Rt Sparkman; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Route 2, Winslow.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

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CLIMATOLOGICAL DATA

3 ARKANSAS SECTION

WALTER C. HICKMON

Vol. XLIX Little Rock, Ark., November, 1944 No. 11

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

November temperatures averaged about one and one half degrees above normal. Temperatures were almost continually above the seasonal average during the first fifteen days and exceeded 80° at times, especially during the first three days. After the 15th cooler weather prevailed, and freezing temperatures were recorded on a few mornings during the latter part of the month. The first general killing frost occurred on the 28th when temperatures were below 20° at several stations. Cloudy days were quite prevalent during November, and sunshine was below normal.

Precipitation was adequate in most sections of Arkansas during November, averaging about an inch above normal for the State as a whole. A few stations in the northwestern section reported less than two inches, while the majority of stations in the southern counties measured over five inches. The heaviest rains of the month fell on the 7th and 8th, some stations measuring over four inches in a 24-hour period. General rains also occurred on the 14th, 18th-19th, and 24th-25th. A few northern stations reported snow flurries on the 28th.

The November rains, following an extremely dry October, did much to restore the greatly depleted moisture supply. Winter grains improved, and numerous forest fires over the the State were extinguished. Farm activities were mostly confined to chores, wood cutting, and butchering, although some cotton was picked and late corn gathered.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 79 stations, was 52.7°, which is 1.4° above the 54-year average for November. The highest monthly mean temperature was 57.4° at Okay, and the lowest was 45.6° at Turnpike. The highest temperature recorded was 87° at Pine Bluff on the 1st. The lowest temperature was 17° at Gilbert and Mount Ida on the 28th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 106 stations, was 4.70 inches, which is 0.97 inch above the 54-year average for November. The greatest monthly total was 8.97 inches at Hope, and the least was 1.35 inches at Fayetteville. The greatest amount recorded in any 24-hour period was 6.08 inches at Eagle Gap on the 7th and 8th.

B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:---2,6,7,8,9,13,14,23,24,26.
Thunderstorms:---4,7,8,9,14,17.
Heavy Fog:---3,4,7,8,10,11,12,13,14,18,19,20,21,24,25,26.
Sleet:---7,28,29.
Hail:---8,14.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.43	30	29.66	8	7.8	27	e.	24	83	65	69	42	365
Little Rock	30.46	30	29.74	14	8.2	24	e.	24§	82	59	67	57	376
Memphis ..	30.45	30	29.74	14	7.2	21	nw.	23	82	58	70	41	404

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	49.7	87	10	5.56	....	8	13	7	10
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0.0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0.1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	85	11	1.96	T	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47.8	89	10	1.95	T.	5	15	4	11
1921	54.9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.34	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50.4	89	15	5.67	T	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0.1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50.5	87	16	4.15	T.	7	16	4	10
1931	57.6	88	18	6.34	T.	9	9	6	15
1932	46.7	82	9	1.98	0.1	6	16	4	10
1933	53.0	85	20	1.86	T	4	16	6	8
1934	54.0	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	3.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
1937	48.3	90	6	4.99	0.5	8	13	6	11
1938	50.7	89	8	5.26	0.1	5	16	6	8
1939	48.8	87	14	3.39	T.	7	12	5	13
1940	49.3	82	3	5.93	T.	9	13	5	12
1941	49.9	87	18	2.31	T.	6	15	6	9
1942	54.5	88	18	3.83	T.	8	12	5	13
1943	49.7	88	15	1.10	T.	3	19	5	6
1944	52.7	87	17	4.70	0.1	7	10	7	13
Period	51.3	96	2	3.73	T.	6	14	6	10

Climatological Data for November, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature, (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	51.5	......	83	1	23	28	4.95	......	2.57	7–8	0.0	7	11	5	14	w.	L. R. Water Works
Arkadelphia	Clark	200	48	53.8	+0.4	86	1	25	28	5.44	+1.57	2.31	8	0.0	6	10	5	15	s.	W. H. Halliburton
Arkansas City	Desha	145	59	......	......	......	......	......	......	4.42	+0.38	1.98	19	0.0	6	22	3	5	......	John W. Trammell
Batesville Airway	Independence	363	7	50.4	+1.3	80	1	22	28	3.63	......	1.87	7–8	0.0	8	11	7	12	nw.	Airway Observer
Batesville Livestk.	Independence	....	3	49.5	......	78	1	21	28	4.28	......	1.96	7–8	0.0	8	6	9	15	nw.	University of Arkansas
Batesville River	Independence	277	44	......	......	......	......	......	......	3.93	+0.43	1.70	7–8	0.0	9	9	6	15	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	55.6	+5.0	80	1	22	28	4.10	+0.52	2.11	7–8	0.0	6	7	9	14	n.	Miss Minnie Scanlan
Benton	Saline	285	8	50.1	......	82	1§	20	28	6.15	......	3.52	7–8	0.0	7	20	5	5	nw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	49.6	+1.3	78	1§	21	30	2.07	−1.32	0.59	14	0.0	6	4	12	14	n.	E. L. Browne
Bethesda †	Independence	500	4	48.6	......	79	1	21	28	4.08	......	1.88	7–8	0.0	5	6	8	16	nw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	......	......	......	......	......	......	3.80	+0.40	0.89	8–9	0.0	8	5	11	14	......	N. W. Douglas
Black Rock	Lawrence	259	42	......	......	......	......	......	......	4.43	+0.35	1.69	7–8	0.0	9	13	1	16	......	Vernon C. Howe
Bluff City	Nevada	....	3	56.0	......	83	2	26	28	6.66	......	3.73	8	0.0	6	13	4	13	nw.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	50.6[b]	+0.2	80	2	25	30[d]	3.28	−0.20	0.92	15	T.	6	14	9	7	s	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	53.8	+2.0	83	1	23	30	2.90	−0.46	1.29	7–8	0.0	6	9	8	13	w.	F. H. Randolph
Boughton †	Clark	235	8	......	......	......	......	......	......	6.97	......	3.76	7–8	0.0	8	11	6	13	......	Katie B. Moore
Brinkley	Monroe	205	52	51.4	−0.2	81	1	23	28	4.42	+0.27	1.72	7–8	0.0	7	7	8	15	s.	U. S. Weather Bureau
Calico Rock	Izard	361	39	......	......	......	......	......	......	3.67	+0.51	1.10	7–8	0.0	9	5	2	23	......	William Jones
Camden	Ouachita	116	58	56.0	+2.6	81	1§	21	28	3.31	−1.13	1.08	19	0.0	7	5	22	3	s.	J. M. Knight
Camp Chaffee	Sebastian	419	..	53.0	......	82	1	27	30	3.41	......	1.61	7–8	0.0	9	6	8	16	w.	U. S. Army
Camp Robinson	Pulaski	463	3	51.3	......	81	1§	26	26§	4.97	......	2.80	7–8	0.0	8	6	14	10	nw	U. S. Army
Clarendon	Monroe	172	39	......	......	......	......	......	......	4.67	+0.65	1.42	7–8	0.0	8	5	9	16	......	B. F. Northern
Conway	Faulkner	309	60	54.0	+2.3	85	1§	23	28	7.05	+3.03	3.99	7–8	0.0	7	15	5	10	s.	E. E. Cordrey
Corning	Clay	293	50	50.4	+1.8	82	1	24	28§	4.29	+0.75	1.45	8–9	0.0	9	4	7	19	n.	Richard C. Polk
Cotter	Baxter	440	16	......	......	......	......	......	......	4.72	+1.67	1.67	7	0.0	8	9	9	12	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	54.8	+0.9	83	1	23	30	3.93	−0.35	1.85	18–19	0.0	7	14	4	12	n	U. S. Forest Service
Cummings Farm	Lincoln	176	..	53.0	......	82	2	24	28	4.40	......	1.90	8	0.0	4	10	11	9	n.	T. C. Cogbill
Danville	Yell	327	27	......	......	......	......	......	......	5.36	+1.75	3.87	7–8	0.0	6	13	7	10	......	J. M. Patterson
Dardanelle	Yell	330	57	54.0	+2.3	82	1	26	28	6.33	+2.85	3.05	7	0.0	10	8	9	13	w.	Geo. N. Goodier
DeQueen	Sevier	426	8	55.2	......	80	1§	20	27	5.14	......	1.88	7–8	0.0	8	14	9	7	......	L. D. McCown
Des Arc	Prairie	204	5	53.1	......	81	1	23	28	4.82	......	1.92	7–8	0.0	5	8	6	16	nw.	Z. R. Glenn
Devils Knob †	Johnson	2350	7	48.2	......	70	2	20	30	5.51	......	2.00	14	0.0	9	11	2	17	se.	U. S. Forest Service
Dumas	Desha	162	38	55.2	+1.7	85	1	24	28	4.23	−0.05	1.68	7–8	0.0	7	5	15	10	n	Ben Johnson
El Dorado	Union	270	43	56.2	+1.1	84	2	27	28	5.89	+1.07	1.72	24–25	0.0	8	15	5	10	n.	Mrs. E. W. Gaston
England	Lonoke	229	37	54.8	+2.0	82	1	24	29	6.09	+2.46	1.84	24–25	0.0	6	4	13	13	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	43	50.3	+0.4	76	1	20	30	1.63	−1.70	0.40	7§	0.0	8	14	8	8	n.	Geo. W. Nicholds
Fayetteville	Washington	1334	6	51.2	......	76	1	22	30	1.35	......	0.47	7	T.	9	7	8	15	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	56	50.4	+1.1	78	1	19	30	1.58	−1.54	0.39	7	T.	12	4	17	9	s.	University of Arkansas
Fordyce	Dallas	280	3	55.7	......	82	1§	26	28	5.98	......	2.73	7–8	0.0	6	3	26	1	nw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	53.6	+2.6	81	1	29	22§	2.97	+0.10	1.27	7	0.0	6	9	6	15	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	......	......	......	......	......	......	4.26	......	1.44	7	0.0	7	8	11	11	......	Ft. Smith Water Plant
Fulton	Hempstead	260	58	......	......	......	......	......	......	7.66	+3.88	3.41	7–8	0.0	8	6	10	14	......	Ina J. Logan
Garland	Miller	225	1	......	......	......	......	......	......	4.40	......	2.00	24–25	0.0	6	11	0	19	......	L. D. Denney
Georgetown	White	200	31	......	......	......	......	......	......	4.05	+0.21	1.85	8	0.0	5	13	1	16	......	C. G. Long
Gilbert	Searcy	600	18	48.0	......	80	1§	17	28	4.80	+1.90	1.76	14	0.0	6	12	1	17	s.	D. O. Dennis
Glenwood	Pike	547	8	......	......	......	......	......	......	7.84	......	3.00	7–8	0.0	8	8	2	20	......	Chas. A. Price
Grannis	Polk	950	24	53.8	+3.0	82	1	23	27	4.72	−0.10	1.55	24–25	0.0	9	9	8	13	e.	W. E. McVay
Gravette	Benton	1250	46	50.6	+2.2	78	1	20	30	2.03	−1.24	0.64	25	0.0	7	9	9	12	nw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	50.4	......	80	1	22	30	4.55	......	0.80	3–4§	0.0	9	7	11	12	se.	U. S. Forest Service
Harrison	Boone	1052	43	50.6	+2.2	85	1	21	28§	2.20	−0.58	0.65	7	0.0	8	4	10	16	nw.	J. M. McGaughey
Heber Springs (near)	Cleburne	272	14	......	......	......	......	......	......	3.62	−0.72	2.03	7–8	0.0	6	7	13	10	......	Lester B. Logan
Helena	Phillips	300	71	53.2	+0.4	80	2§	27	30	3.89	−0.69	2.08	8	0.0	9	12	3	15	nw.	James A. Burnett
Highland	Pike	491	24	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Clyde Cooley
Hope 3 miles e ‡†	Hempstead	375	73	54.6	+1.3	83	1	27	27§	8.97	+4.44	4.87	7–8	0.0	8	12	8	10	ne.	University of Arkansas
Hot Springs	Garland	600	52	54.4	+0.6	83	1	26	28	7.79	+3.47	4.21	7–8	0.0	9	11	9	10	n.	National Park Service
Index †	Little River	275	26	......	......	......	......	......	......	7.15	+2.90	2.65	7–8	0.0	7	16	0	14	......	W. E. McDowell
Jessieville	Garland	750	17	......	......	......	......	......	......	5.09	+0.47	....	......	0.0	8	9	4	17	se.	U. S. Forest Service
Jonesboro	Craighead	345	48	51.2	+0.2	79	1	26	30	3.00	−0.43	1.69	7–8	0.0	9	7	4	19	ne.	Benedictine Sisters
Lead Hill	Boone	650	37	49.4	+1.9	80	2§	19	28	2.41	−1.07	0.65	14	0.0	9	13	4	13	nw.	J. H. Crosswhite
Little Rock	Pulaski	257	64	52.9	+0.8	80	2	26	28	6.08	+1.89	3.47	7–8	0.0	7	5	10	15	uw.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	52.7	+2.0	78	1§	24	28	3.05	−0.63	1.04	7–8	0.0	8	11	7	12	e.	Clarence Lenhardt
Madison	St. Francis	209	13	......	......	......	......	......	......	3.45	−0.89	0.95	8–9	0.0	7	6	2	22	......	J. W. Eppes
Magnolia	Columbia	315	27	56.2	+1.2	83	1§	26	27	4.50	−0.24	1.76	18	0.0	7	7	10	13	s.	State Agri School
Mammoth Spring	Fulton	600	39	49.7	+4.3	80	1	20	30	3.66	+0.20	1.48	7–8	0.0	7	9	10	11	s.	Ray H. Hall
Marianna	Lee	235	32	52.2	+0.2	81	2	26	30	5.30	+1.93	2.55	8	T.	6	4	10	16	s.	University of Arkansas
Marked Tree	Poinsett	229	39	49.8	+0.9	79	3	25	30	3.85	−0.27	1.68	14–15	0.0	7	7	11	12	s.	Charles Walton
Marshall	Searcy	1050	..	51.0	+0.6	76	1	22	30	4.74	+1.08	1.71	14	0.0	11	7	14	9	nw.	W. F. Reeves
Mena	Polk	1207	55	53.9	+2.0	81	1§	25	28	4.34	+0.74	2.10	7–8	0.0	8	8	8	14	w.	E. W. St. John
Monticello	Drew	273	3	55.4	......	82	2	28	28§	3.10	......	1.57	18	0.0	8	10	9	11	se.	Airway Observer
Morrilton †	Conway	315	27	52.8	+2.1	82	1§	24	28§	4.94	+0.97	2.35	7–8	0.0	7	5	5	20	nw.	Mrs. Nova A. Berry
Mountainburg	Crawford	712	6	......	......	......	......	......	......	5.19	......	1.41	13–14	0.0	9	9	4	17	n.	C. A. Lovell
Mountain Home †	Baxter	800	31	50.7	+2.2	79	1§	21	28	3.90	+0.67	1.20	7–8	0.0	6	11	1	18	w.	H. N. Halbert
Mountain Valley	Garland	788	6	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	C. A. Cockman
Mount Ida	Montgomery	702	44	52.3	+2.2	82	1	17	28	5.15	+0.95	2.04	8	0.0	9	9	7	14	nw.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	......	......	......	......	......	......	3.79	......	1.70	7	0.0	6	8	3	19	......	H. G. Arvin
Nashville	Howard	350	5	55.8	......	84	2	25	27	6.87	......	2.52	7–8	0.0	8	13	0	17	e.	Carter Day
Newport	Jackson	231	60	51.5	+0.6	81	1§	26	28§	4.22	+0.07	1.95	7–8	0.0	9	7	6	17	sw.	W. T. Moyer
Nimrod Dam	Perry	475	2	51.2[b]	......	82	1	23[d]	28	4.25	......	2.67	7–8	0.0	7	11	5	14	w.	U. S. Engineers
Oden	Montgomery	800	16	56.8	......	85	1§	21	28	4.88	+0.86	1.98	7–8	0.0	7	13	4	13	s.	U. S. Forest Service
Okay	Howard	288	15	57.4	+4.3	84	2	23	27	8.50	+4.23	3.82	8	0.0	9	11	7	12	sw.	Charles R. Jackson
Osceola	Mississippi	250	43	......	......	......	......	......	......	3.33	−0.73	1.16	14–15	T.	6	15	8	17	......	G. M. Serey
Ozark	Franklin	396	48	53.4	+2.3	81	2§	26	22	5.47	+2.39	3.01	7	0.0	8	6	4	20	se.	Orkney O. Milton
Paragould	Greene	275	20	50.4	......	77	1§	24	30	3.12	−0.32	1.34	7–8	0.0	8	11	6	13	nw	J. E. Garrett
Parkin	Cross	222	13	......	......	......	......	......	......	3.30	−0.54	1.39	8–9	0.0	5	9	3	18	......	Carroll King
Perryville	Perry	325	4	52.7	+2.6	83	1	28	21	5.12	+1.52	2.34	7–8	0.0	6	12	11	7	nw.	Lillie Cranford
Pine Bluff	Jefferson	215	56	56.0	+2.7	87	1	28	28	4.65	+0.44	1.93	7–8	0.0	7	10	6	14	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	19	......	......	......	......	......	......	4.61	+0.36	1.26	7–8	0.0	9	8	7	15	sw.	J. R. Huddleston
Pocahontas	Randolph	300	50	50.6	+0.6	80	1§	23	28	4.69	+1.08	1.65	8	0.0	8	10	1	19	ne.	Benedictine Sisters
Portland	Ashley	122	37	55.8	+4.4	82	1§	27	30	5.64	+1.49	2.27	18–19	0.0	6	11	4	15	s	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	57.0	+3.1	83	1§	28	28	7.63	+3.95	4.10	7–8	0.0	9	13	4	13	w.	W. R. Hambright
Rogers	Benton	1300	53	50.0	+1.3	76	12	20	30	2.34	−0.45	0.77	14	0.0	8	13	6	11	nw.	Howard Fowler
Rosebud	Faulkner	680	9	......	......	......	......	......	......	7.93	......	2.47	8	0.0	7	11	7	12	n.	G. A. Maddox
Russellville ‡‡	Pope	526	31	52.7	+2.7	82	1	25	30	4.31	+0.42	2.77	7–8	0.0	7	6	12	12	e.	U. S. Forest Service
St. Charles	Arkansas	175	10	53.4[a]	......	81[a]	2§	23[a]	28	4.36	......	2.24	7–8	0.0	6	9	10	11	n.	U. S. Biological Survey
St. Francis	Clay	290	16	......	......	......	......	......	......	4.83	+1.19	1.74	8	0.0	7	10	0	20	......	W. S. Buckley
Searcy	White	245	33	52.6	+1.8	81	1	25	28	6.04	+1.68	2.72	7–8	0.0	9	11	2	17	nw.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	53.6	......	83	1§	20	28	4.43	......	1.98	7–8	0.0	8	5	12	13	nw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	50.6	......	78	8	22	30	2.28	......	0.62	7–8	0.0	11	4	19	7	s	John Brown University
Story	Montgomery	650	19	......	......	......	......	......	......	3.86	−0.17	....	......	0.0	4	14	7	9	n.	S. C. Story
Stuttgart	Arkansas	214	56	54.0	+1.6	82	2	26	28	5.88	+1.78	3.38	7–8	0.0	5	13	9	8	n.	Geo. L. Clark
Stuttgart 9 miles e ‡‡	Arkansas	198	8	52.5	......	81	3	22	28	4.74	......	2.30	7–8	0.0	6	......	......	...	......	University of Arkansa
Subiaco	Logan	750	45	53.4	+1.4	82	1	26	28	3.63	+0.41	1.12	7	0.0	8	16	3	11	s.	New Subiaco Abbey

Climatological Data for November, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Texarkana	Miller	332	59	56.0	+ 0.9	81	8	28	27	8.66	+5.03	4.09	7−8	0.0	9	6	10	14	ne.	U S. Weather Bureau
Turnpike†	Pope	2240	19	45.6	......	73^a	2	19^a	30	5.91	+1.76	1.38	14	0.0	12	7	9	14	se.	U. S. Forest Service
Waldron	Scott	675	24	53.4	......	82	1	20	23	4.70	+1 08	3.35	7−8	0.0	7	6	13	11	nw.	William D. Bivens
Warren	Bradley	206	49	56.1	+ 2.3	82	1§	26	28	3.70	−0.50	1.37	24−25	0.0	8	9	12	9	nw.	C. N. Turner
Whitecliffs	Little River	290	37	....	......	......	......	......	......	8.19	+4.93	3.81	7−8	0.0	6	14	1	15	......	L. M. Snead
White Rock†	Franklin	2285	7	48.2	......	73	1	20	30	5.13	......	1.68	14	0.0	6	11	8	11	se.	U. S. Forest Service
Wilson	Mississippi	237	18	51.3	+ 1.0	78	2	23	30	4.27	+0.63	1.80	14−15	T.	4	9	2	19	sw.	D. O. Anderson
Wynne	Cross	167	35	53.0	+ 1.9	84	1	25	30	5.19	+1.35	1.71	2	0.0	6	..	..	..	......	Mrs. Claudia A. Ford
State Means	......	...	..	52.7	+ 1.4	87	1	17	28	4.70	+0.97	4.87	7−8	T.	7	10	7	13	nw.	

Daily Precipitation for November, 1944

Stations	Drainage basin	Day of Month: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Abbott[2]	Arkansas								1.30							.49				.66	.07					.53				.02		3.07
Alum Fork Reser.	Arkansas			T.	T.			*	2.57						.22	.37	T.	T.	.28	.60					T.	.91	T.					4.95
Aplin[2]	Arkansas								3.02	.25						.19				.69						.58						4.73
Arkadelphia[2]	Ouachita			T.	T.				1.69	.62						T.			.10	1.50	T					1.45				.08		5.44
Arkansas City[2]	Mississippi								.01	1.39						T.			.01	1.98						.98				.05		4.42
Augusta[2]	White								.95	.99					T	.89				.58	.02					.51	T					3.94
Batesville Air'y[1]	White			.03				.39	1.78						.48				.20	.36					.37	.02	T.					3.63
Batesville Livestk[2]	White				.05				1.96	.61					.27	.19				.58	T.					50	.12					4.28
Batesville River[2]	White				.08				1.70	.37					.32	.20				.54	.10					.52	.10	T.				3.93
Beaty Lake	St. Francis			T.				T	1.15	.36					.15	.14			T.	.86					T.	.61				.02		3.29
Beaver[2]	White				.09				.35						.24					.32	.03					.35						1.38
Bee Branch	Arkansas			.13				.37	1.74						36					.77						.73						4.10
Beech Grove	White																															
Beedeville[2]	White				T.																											....
Benton[2]	Saline								1.17	.94						1.90				.59	01					.39	.03					5.03
Bentonville[2]	Arkansas				.11				2.40	1.12						.40				.95	.07					1.10						6.15
Bethesda[2]	White				.18	T.			.53						.59					.43						.33		.01				2.07
Big Lake Outlet[2]	St. Francis				T.				1.88	.60					*	.48				.56						.56						4.08
Black Rock[2]	White		T.	T					.48	.89					.44	.88				.41	.13					.54	.03	T				3.80
Bluff City	Ouachita				.22				1.69	.72					.19	.56				.45	.06					.51	.03					4.43
Blytheville[2]	St. Francis								3.73							.08			.52	.71					.15	1.47						6.66
Booneville 3 mi- w	Arkansas								.51	.57					.27	.92				.45						.56	T			T.		3.28
Booneville[2]	Arkansas							1.06	.23						.38				T	.62					*	.61						2.90
Boughton[2]	Ouachita																									.53				.04		....
Brinkley[1]	White	T.		.10	.21				2.53	1.23						.11			.29	1.10						1.40						6.97
Burdette	Mississippi							.26	1.54						1.14				.49	.29					.41	.29	T.			T.		4.42
Calico Rock[2]	White								.73	.40					.60	.83				.67						.54						3.77
Camden[2]	Ouachita				.46				1.10	.10					.40	.42				.61	.03					.50	.05					3.67
Camp Chaffee[2]	Arkansas			.03	.23				.20	.76									.39	1.08						.62						3.31
Camp Robinson[1]	Arkansas	.09			T.				1.61	T.					.05	.36			.03	.64	.03	T.				.58	T.			.02		3.41
Carlisle[2]	Arkansas							.33	2.47						.28				.60	.33					.63	.31	.02					4.97
Clarendon[2]	White																															....
Cold Springs[2]	Ouachita								1.42	1.22					.01	.14				.96	.03					.88				.01		4.67
Conway	Arkansas							3.74								.14			.15	.70						.72	.02	.01				5.48
Corning[2]	White							.41	3.58	.15					1.40				.05	.71						.75						7.05
Cotter[2]	White					.05			1.30	1.45					.60	.11				.20	.13						.40	.05				4.29
Crossett	Ouachita			T.	.52				1.67	.35					.52	.58				.51	.11					.46						4.72
Crystal Valley[2]	Arkansas				.04				.52							.32				1.85					.04	1.06				.10		3.93
Cummins Farm	Arkansas			T.				.26	3.00						.62	.32				1.00						.90						6.10
Danville[2]	Arkansas								1.90										.20	1.10							1.20					4.40
Dardanelle[2]	Arkansas				.05				3.81	.06							.15			.60						.69						5.36
Denmark[2]	White			.02	.31				3.05	.04					.03	1.56			.05	.60						.65	.02					6.33
De Queen	Red																															....
Dermott[2]	Mississippi			.12				.30	1.58						.22			T.	.60	.52					.70	1.10						5.14
Des Arc[2]	White									.43						.08			.06	1.70						.95	.01			.06		3.29
Devils Knob	Arkansas								1.32	60							1.40			.78						.72						4.82
Dumas	Mississippi			.31				1.33	.23						2.00				.10	.83					.06	.63	.02					5.51
Eagle Gap[2]	Arkansas			T.	.01				1.68					T.	T.				.40	1.04					.02	1.05	.03					4.23
El Dorado[2]	Ouachita	.03							6.08						.10	.38			.03	.75						.71				.05		8.13
Eleven Point	White				.13				.10	.78						.81			.72	1.61						1.72				.02		5.89
England	Arkansas				.24				1.34	.08						75				.33	.05	.02				.39	.04					3.24
Eureka Springs	White				T.					1.35						1 20				.84	T.				*	1.84	.86					6.09
Evening Shade[2]	White			.03	.03			.40							.40				.20	.22					.05	.30						1.63
Fayetteville	White				.13				2.45	.54					.49	.39				.38	.08					.38	.08					4.92
Fayetteville Exp. S	White			T.	.07	T.		.47						T.	.17				.26	.18	.01				T	.16	.02			.01		1.35
Fordyce	Arkansas	T.		.03	.06	T.		.39							.16			T.	.24	.20	.01				.01	.23	.03	.21	.01	T		1.58
Forester[2]	Arkansas				.18				2.73										*	1.54					*	1.53				T.		5.98
Fort Smith[1]‡	Arkansas	T.							3.78	.55									.57	.37	.17					.30	18	.07				5.99
Fort Smith W.[1]	Arkansas							1.27						.05	.56			T.	.53	.14					.42	T.			T.			2.97
Fulton[2]	Red			.09				1.44	.38					.07	1.20				.58	T					.50	T.						4.26
Garland[2]	Red			.25	.40				3.15	.26					T.	.23		T.	.32	1.02						2.03						7.66
Georgetown[2]	White				.41				.22							.30			.60	.87						2.00	T.					4.40
Gilbert[2]	White								.30	1.85						.68				.60						.62						4.05
Glenwood[2]	Ouachita				.47				1.52						.86	.90				.50						.55						4.80
Grannis	Red	T		.60	.26				3.00	1.32						.16			.04	1.04						1.34				.08		7.81
Gravelly[2]	Arkansas			.04				.51	.98						.65	T		T.	.37	.57					.35	1.20				.05		4.72
Gravette	Arkansas								3.55	.54										.70						.75						5.54
Green Forest	White			.11				.35							.46				*	.42						.64				.05		2.03
Green Mountain	White			.11	.02			.42	.15										.16	.32					.06	.31						1.55
Greenwood[2]	Arkansas			.70	.10			.45	.80	.55					.75				T.	.70					*	.50						4.55
Harrisburg[2]	St. Francis				.20				2.35							.35			02	.61	T.					.65						4.18
Harrison	White								.30	1.20						1.95				.30						.43						4.18
Heber Springs[2]	White			.07				.49	.16						.61				.13	.39					.05	.30	T.					2.20
Helena[2]	Mississippi				T.				2.03	.45						.50				.08						.15	.41					3.62
Henderson[2]	White								.16	2.08					.02	.05				.80	.04					.69	.03			.02		3.89
Highland	Ouachita				.60				1.17	.32					.52	.30				.55						.45	.02					3.93
Hollis	Arkansas																															....
Hope[2]	Red			.29	.17				4.71	.16						.34			.31	1.09						1.90						8.97
Hot Springs	Ouachita	T.		.08				.35	4.21						.37	.70			.14	.80					.02	1.12				T.		7.79
Huttig[2]	Ouachita				T					.79						.35	.04		.42	1.96						1.20	.04			05		4.85
Index[2]	Red			.50	.50				2.65							.20			.45	.95						1.90						7.15

Daily Precipitation for November, 1944 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Jessieville	Ouachita	....	....	.04	....	....	....	*	2.71	....	....	....	....	.33	....	....	....	....	....	*	1.05	....	....	....	*	.96	....	....	....	....	....	5.09
Jonesboro[2]	White	....	....	....	.03	....	....	....	.90	.79	....	....	....	....	.16	.22	....	....	....	.32	.12	T	....	....	....	.43	.03	....	....	....	....	3.00
LaCrosse[2]	White	....	....	....	.39	....	....	....	1.51	1.20	....	....	....	....	.47	.75	....	....	.31	.30	....	....	....	....	....	.42	....	....	....	....	....	5.35
Lake City[2]	St. Francis	....	....	....	....	....	....	....	....	*	.81	....	....	....	.50	....	.79	....	....	.48	....	....	....	....	....	.29	....	....	....	....	....	2.87
Lead Hill	White	....	....	.40	.02	....	....	.55	....	.09	....	....	....	....	.65	....	....	....	.11	.31	T.	....	....	....	.01	.27	....	....	....	....	....	2.41
Little Rock[1‡]	Arkansas	T.	....	T.	....	....	....	.42	3.07	....	....	....	....	T.	.90	....	....	T.	.72	.15	....	....	....	....	.74	.03	T.	....	....	....	....	6.08
Lutherville	Arkansas	....	....	.11	....	....	....	.61	.43	....	....	....	....	....	.63	....	....	....	*	.67	....	....	....	....	*	.60	....	....	....	....	....	3.05
Madison[2]	St. Francis	....	....	....	....	....	....	....	.65	.95	....	....	....	....	T.	.20	....	....	....	.90	.10	....	....	....	....	.60	.05	....	T.	....	....	3.45
Magnolia	Red	....	....	.39	.06	....	....	....	.18	....	....	....	....	....	.10	.44	....	....	1.76	....	....	....	....	....	1.57	....	....	....	....	....	....	4.50
Mammoth Spg[2]	White	....	....	....	.23	....	....	....	1.48	.40	....	....	....	.52	....	....	....	....	....	....	.45	....	....	....	....	.54	....	.04	....	....	....	3.66
Marianna[2]	St. Francis	....	....	....	....	....	....	....	*	2.55	....	....	....	....	....	1.05	....	....	....	*	.95	....	....	....	....	.75	....	....	....	T.	....	5.30
Marked Tree[2]	St. Francis	....	....	....	....	....	....	....	.57	.39	....	....	....	....	....	1.68	....	....	....	.61	.08	....	....	....	....	.48	.04	....	....	....	....	3.85
Marshall	White	....	....	.83	.02	....	....	.55	.46	.21	....	....	....	....	1.71	....	....	....	.05	.48	.01	....	....	....	.02	.40	T.	....	....	....	....	4.74
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mena[2]	Ouachita	....	T.	T.	.11	.03	....	....	2.10	.22	....	....	....	....	T.	.12	....	....	....	.82	T.	....	....	....	....	.92	T.	T.	....	.02	....	4.34
Monticello[1‡]	Ouachita	....	....	....	.01	....	....	....	.11	....	....	....	....	....	....	....	....	.08	1.57	.28	....	....	....	....	.99	.04	....	....	T.	.02	....	3.10
Morobay[2]	Ouachita	....	....	....	.07	....	....	....	....	.10	....	....	....	....	....	.40	....	....	.52	1.75	....	....	....	....	....	1.42	....	....	....	.02	....	4.28
Morrilton[2]	Arkansas	....	....	T	.10	....	....	....	2.35	.32	....	....	....	....	T.	.75	....	....	T.	.75	.01	....	....	....	....	.65	....	....	....	....	....	4.94
Mountainburg	Arkansas	....	....	....	T.	.50	....	.80	1.29	....	....	....	....	....	1.41	....	....	....	.44	.24	....	....	....	....	.08	.41	T.	....	.02	....	....	5.19
Mountain Home	White	....	....	.50	....	....	....	1.20	.50	....	....	....	....	....	.85	....	....	....	T.	.45	....	....	....	....	....	.40	....	....	....	....	....	3.90
Mountain Valley	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mountain View[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mount Ida	Ouachita	....	....	.52	....	....	....	.33	2.04	....	....	....	....	....	.36	....	....	.02	.52	.30	....	....	....	....	.30	.76	....	....	....	....	....	5.15
Mulberry[2]	Arkansas	....	....	....	....	....	....	....	1.70	T.	....	....	....	....	.65	.40	....	....	T.	.54	.10	....	....	....	....	.40	....	....	....	....	....	3.79
Nashville	Red	....	....	.97	....	....	....	.35	2.17	....	....	....	....	....	.62	....	....	T.	.67	.55	....	....	....	....	*	1.54	....	....	....	....	....	6.87
Newhope[2]	Ouachita	....	....	....	....	....	....	....	1.00	1.62	....	....	....	....	.25	1.83	....	....	....	1.61	....	....	....	....	....	38	.16	....	....	....	.10	6.95
Newport[2]	White	....	....	....	.08	....	....	....	1.30	.65	....	....	....	....	.28	.83	....	....	....	.45	.14	....	....	....	....	.44	.05	....	....	....	....	4.22
Nimrod Dam	Arkansas	....	....	.17	....	....	....	.39	2.28	....	....	....	....	....	.04	....	....	....	.04	.68	....	....	....	....	....	.65	....	....	....	....	....	4.25
Odell[2]	Arkansas	.04	....	....	....	....	....	....	.60	....	....	....	....	....	1.73	....	....	....	.02	.51	.05	....	....	....	....	.35	.03	....	T.	.02	....	3.35
Oden	Ouachita	T.	T.	.13	....	....	....	.67	1.98	....	....	....	....	....	....	....	....	.65	.29	.76	....	....	....	....	T.	1.00	....	....	....	....	....	4.88
Okay	Red	....	....	1.40	.12	....	....	.08	3.82	....	....	....	....	....	.03	....	....	T.	71	.71	....	....	....	....	.18	1.45	....	....	....	....	....	8.50
Osceola[2]	Mississippi	....	....	....	....	....	....	....	.56	.56	....	....	....	....	T.	1.16	....	....	....	.58	.02	T.	....	....	....	.45	T.	....	T.	....	....	3.33
Ozark[2]	Arkansas	T.	....	....	....	....	....	....	3.01	....	....	....	....	....	.46	.53	....	....	.04	.64	.03	.11	....	....	....	.65	T.	....	....	T.	....	5.47
Paragould	St. Francis	....	....	....	.03	....	....	....	1.34	.29	....	....	....	....	.30	.20	....	....	....	.42	....	....	....	....	....	.52	.02	....	....	....	....	3.12
Parkin[2]	St. Francis	....	....	....	....	....	....	....	.62	.77	....	....	....	....	....	.65	....	....	....	.71	....	....	....	....	....	.55	....	....	....	....	....	3.30
Perryville	Arkansas	....	....	.63	....	....	....	.04	2.30	....	....	....	....	....	.77	....	....	....	.78	....	....	....	....	....	....	.60	....	....	....	....	....	5.12
Pine Bluff[2]	Arkansas	....	....	....	.07	....	....	....	.73	1.20	....	....	....	....	T	.07	....	....	.15	1.27	....	....	....	....	....	1.16	....	....	....	....	....	4.65
Pine Ridge[2]	Ouachita	.05	....	T.	....	....	....	....	1.81	.45	....	....	....	....	....	.31	....	....	.02	.04	.83	....	....	....	....	.95	.15	....	....	....	....	4.61
Pocahontas	White	....	....	.03	....	....	....	....	1.65	1.18	....	....	....	....	.84	....	....	....	....	.48	.02	....	....	....	....	.46	.03	....	....	....	....	4.69
Portland[2]	Ouachita	....	....	....	....	....	....	....	....	1.20	....	....	....	....	....	1.17	....	....	.22	2.05	....	....	....	....	T.	.90	....	....	....	.10	....	5.64
Prescott[2]	Ouachita	....	....	.08	.13	....	....	....	3.62	.48	....	....	....	....	....	.44	....	....	.26	1.02	....	....	....	....	....	1.59	T.	....	....	.01	....	7.63
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	.58	....	....	....	....	....	....
Red Star	White	....	....	.13	T.	....	....	.96	.70	....	....	....	....	....	1.23	....	....	....	*	.69	T	....	....	....	T	.34	....	....	....	T.	....	4.05
Rogers	White	....	....	.21	.11	....	....	.41	....	....	....	....	....	....	.77	....	....	....	.24	.22	....	....	....	....	.02	.36	T.	....	....	....	....	2.34
Rosebud	Arkansas	....	....	....	....	....	....	....	2.47	.58	....	....	....	....	1.96	....	....	....	.13	.63	....	1.40	....	....	.76	....	....	....	....	....	....	7.93
Russellville	Arkansas	T	....	.06	T.	....	....	.63	2.14	....	....	....	....	....	.18	....	....	....	.10	.57	....	....	....	....	....	.63	....	....	....	....	....	4.31
St. Charles	White	....	....	....	T.	....	....	....	2.24	....	....	....	....	....	.04	....	....	....	.09	1.01	....	....	....	....	....	.96	....	....	.02	....	....	4.36
St. Francis[2]	St. Francis	....	....	....	....	....	....	....	.90	1.74	....	....	....	....	....	1.21	....	....	....	.26	.17	....	....	....	.39	....	.16	....	....	....	....	4.83
Searcy[2]	White	....	....	....	....	....	....	....	2.72	1.06	....	....	....	....	.01	.87	....	....	....	.72	.02	.01	....	....	....	.60	.03	....	....	....	....	6.04
Sheridan	Ouachita	T.	....	.02	.05	....	....	....	1.98	....	....	....	....	....	.03	.28	....	....	.10	.96	....	....	....	....	T.	1.01	....	....	....	....	....	4.43
Shirley[2]	White	....	....	....	.90	....	....	....	2 99	.19	....	....	....	....	.70	.46	....	....	....	.70	....	....	....	....	....	.70	.10	....	....	....	....	6.68
Siloam Springs	White	T.	....	.06	.53	....	....	.61	.01	....	....	....	....	....	.18	....	....	....	.30	.10	....	....	....	....	.05	.38	.02	....	....	.04	....	2.28
Sparkman	Ouachita	....	....	.07	....	....	....	....	3.53	....	....	....	....	....	.23	....	....	....	1.07	.10	....	....	....	....	.07	1.04	....	....	....	T	....	6.11
Stamps	Red	....	....	.37	....	....	....	.04	.16	....	....	....	....	....	.20	T.	T.	.05	1.00	.51	....	....	....	....	.30	1.30	....	....	....	.02	....	3.95
Stephens[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Story[2]	Ouachita	....	....	....	....	....	....	*	1.44	....	....	....	....	....	....	....	....	....	....	1.43	....	....	....	....	....	.99	....	....	....	....	....	3.86
Stuttgart[2]	Arkansas	....	....	....	....	....	....	....	2.00	1.38	....	....	....	....	....	.35	....	....	....	1.10	....	....	....	....	....	1.05	....	....	....	....	....	5.88
Stuttgart Evap.	Arkansas	....	....	....	....	....	....	....	2.30	....	....	....	....	....	.04	.11	....	....	.16	1.08	....	....	....	....	T.	1.05	....	....	....	....	....	4.74
Subiaco	Arkansas	....	....	....	....	....	....	....	1 12	.27	....	....	....	....	*	1.09	....	....	.27	.45	T.	....	....	....	....	.13	.30	....	....	....	....	3.63
Sugar Grove[2]	Arkansas	T.	....	....	T.	....	....	....	2.45	....	....	....	....	....	....	1.30	....	....	T.	.60	....	....	....	....	....	.49	....	....	....	....	....	4.84
Texarkana[1‡]	Red	....	.26	.22	....	....	....	.30	3.79	....	....	....	....	T.	.49	....	T.	.22	1.33	.07	....	....	....	....	1.98	T.	....	....	T.	....	....	8.66
Tichnor[2]	White	....	....	....	....	....	....	....	....	2.16	....	....	....	....	....	....	....	....	....	1.27	....	....	....	....	....	1 03	....	....	....	....	....	4.46
Turnpike	Arkansas	....	....	.37	....	....	....	1.02	1.34	.03	....	....	....	.01	1.38	....	....	....	.22	.66	.02	....	....	....	.05	.76	.05	....	....	....	....	5.91
Viola[2]	White	....	....	....	.46	....	....	....	1.50	.25	....	....	....	....	.40	.41	....	....	....	60	....	....	....	....	....	.51	....	....	....	....	....	4.13
Waldron[2]	Arkansas	....	....	....	....	....	....	39	2.96	....	....	....	....	....	.22	....	....	.02	.20	.40	....	....	....	....	....	.51	....	....	....	....	....	4.70
Walnut Grove	White	....	....	T.	T.	....	....	T	2.21	.80	....	....	....	T.	.45	....	....	....	....	55	T.	....	....	....	....	.47	....	....	....	....	....	4.48
Warren	Ouachita	....	....	T.	.02	....	....	....	.43	....	....	....	....	....	....	.01	....	....	.84	1.02	....	....	....	....	.07	1.30	....	....	....	.01	....	3.70
Whitecliffs[2]	Red	....	....	.36	.65	....	....	....	3.81	....	....	....	....	....	T.	T.	....	....	.40	1.10	....	....	....	....	....	1.87	....	....	....	....	....	8.19
White Rock	Arkansas	....	....	T.	T.	....	....	1.05	1.11	....	....	....	....	....	1.68	....	....	....	.32	.45	....	....	....	....	T.	.52	....	T.	....	T.	....	5.13
Wilson[2]	Mississippi	....	....	....	....	....	....	....	1.17	....	....	....	....	....	....	1.80	....	....	....	.85	....	....	....	....	....	.45	....	....	....	T.	....	4.27
Wynne[2]	St. Francis	....	....	1.71	....	....	....	....	.73	.88	....	....	....	....	....	.60	....	....	....	.77	....	....	....	....	....	.50	....	....	....	....	....	5.19

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for November, 1944

(See precipitation data in table on preceding page)

Station	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Monthly
Bethesda[§§]	Evap.	.272	.180	.096	.042	.080	.094	.182	.064	.246	.128	.110	.088	.077	.060	.089	.092	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Mean tem.	64	68	62	59	50	51	53	57	55	52	50	55	56	61	52	50	46	43	40	40	41	44	48	36	44	48	38	30	32	34	39.1
	Wind move	58	102	73	19	32	32	40	50	67	51	14	21	61	94	110	70	39	102	90	80	45	74	82	85	141	77	113	61	38	96	2017
Hope, Exp. Farm[§§]	Evap.	.144	.092	.168	.030	.077	.079	.136	....	.167	.148	.104	.055	.057	.089	.128	.119	.132	.099	....	.023	.055	.084	.060	.042	.045	.042	.032	.062	.000	.074	2.343
	Mean tem.	68	71	64	66	63	64	64	70	59	56	60	60	67	68	55	56	48	46	45	48	48	46	50	48	50	44	40	36	42	38	51.6
	Wind move	31	43	27	5	30	25	28	60	84	48	20	10	35	37	48	31	40	28	51	30	20	50	35	42	45	76	20	22	20	40	1081
Nimrod Dam	Evap.	.188	.156	.078	.053	.063	.124	.110	.098	.217	.097	.112	.110	.086	.048	.148	.071	.034	.038	.014	.032	.098	.058	.094	.062	.012	.026	042	.028	.060	.010	2.400
	Mean tem.	70	72	70	66	58	58	62	65	57	56	57	61	66	66	....	....	....	....	44	46	44	46	51	50	49	48	44	32	42	36	54.2[b]
	Wind move	30	63	19	3	5	7	23	12	148	11	26	38	29	49	48	36	4	3	5	16	60	46	30	10	48	32	47	17	72	4	911
Russellville	Evap.	.096	.080	.060	.016	.086	.102	.050	.136	.150	.100	.082	.090	.058	.016	.131	.080	.036	.044	.010	.036	.064	.070	.066	.040	.040	.022	.070	.030	.002	.072	1.938
	Mean tem.	68	66	70	60	60	56	58	64	58	55	58	61	62	68	51	48	46	48	44	45	44	42	50	50	46	46	45	34	42	36	52.7
	Wind move	19	16	5	4	18	16	14	33	51	11	18	15	13	23	36	16	9	16	20	19	20	39	31	12	63	53	47	15	44	15	711
Stuttgart, Rice Exp. Farm[§§]	Evap.	.137	.113	.096	.066	.142	.081	.036	....	.083	.038	.075	.090	.070	.058	.157	.055	.042	.085	.021	.058	.007	.046	.073	.045	.095	.042	.098	.038	.017	.024	1.988
	Mean Tem.	69	66	70	60	60	56	58	64	58	55	58	61	62	68	51	48	46	48	44	45	44	42	50	50	46	46	43	34	42	36	52.7
	Wind move	72	73	55	14	65	59	51	85	107	35	7	42	72	93	86	15	36	56	50	53	8	65	56	45	112	122	96	8	63	22	1728

Daily Temperatures for November, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Alum Fork	Maximum	83	79	73	65	68	72	72	70	65	72	72	75	70	68	67	57	57	53	47	53	56	61	68	65	49	51	50	47	47	46		62.6
	Minimum	47	54	53	56	46	40	48	50	44	38	39	42	50	61	47	39	37	37	38	33	31	29	35	32	38	34	33	23	33	26		40.4
Arkadelphia §§	Maximum	86	85	70	79	72	77	80	70	72	77	78	80	74	74	68	60	56	49	50	57	61	63	77	57	55	51	52	46	52	50		65.9
	Minimum	46	54	56	58	52	48	48	56	47	37	37	39	43	53	49	45	42	43	42	41	30	31	28	33	42	35	29	25	38	26		41.8
Batesville Air.***	Maximum	80	78	72	67	64	69	70	66	68	68	69	75	70	70	62	55	54	50	47	50	53	56	66	46	52	58	44	40	44	43		60.2
	Minimum	60	60	59	52	41	38	43	54	42	37	36	40	50	57	45	38	44	41	38	38	32	32	32	31	40	39	27	22	26	27		40.7
Batesville, Livestk §§	Maximum	78	77	67	64	62	68	67	66	66	67	68	69	68	69	59	63	52	49	41	49	54	56	65	46	53	57	43	40	43	42		58.9
	Minimum	56	58	59	54	40	36	36	51	47	40	35	35	53	55	43	35	44	41	38	38	29	34	33	30	39	40	34	21	24	25		40.1
Bee Branch	Maximum	80	79	78	77	68	70	68	63	72	75	73	74	74	69	68	63	58	56	53	54	57	57	67	67	53	50	50	50	50	45		63.9
	Minimum	56	59	59	59	50	47	51	61	54	49	48	48	64	63	48	49	45	50	47	42	41	34	41	44	45	45	36	22	32	30		47.3
Benton §§	Maximum	82	82	74	73	70	70	77	65	67	75	75	76	71	71	63	57	54	50	52	56	61	59	73	53	53	61	50	42	51	45		63.6
	Minimum	41	50	51	53	49	41	42	42	43	33	34	34	34	50	39	37	36	36	36	37	30	29	27	27	37	35	31	20	21	23		36.6
Bentonville §§	Maximum	78	78	66	57	72	75	67	74	64	73	74	76	76	72	57	42	45	47	42	51	41	51	65	50	57	42	47	45	44	36		58.8
	Minimum	50	60	56	53	52	46	47	45	43	36	34	44	52	53	37	36	36	39	42	38	32	24	34	41	40	38	29	26	25	21		40.3
Bethesda §§	Maximum	79	78	65	64	62	68	68	62	65	70	67	74	62	67	59	63	52	44	41	42	54	56	64	41	52	56	43	40	42	42		58.1
	Minimum	48	58	58	54	39	34	38	52	45	34	33	36	50	55	44	36	39	42	38	37	28	33	33	30	37	39	33	21	23	25		39.1
Bluff City	Maximum	82	83	75	76	71	75	78	75	74	75	77	77	75	75	70	59	55	50	49	57	61	60	71	67	63	56	53	48	53	50		66.3
	Minimum	57	58	61	57	52	50	55	60	48	40	45	45	58	64	47	47	44	42	41	37	35	31	40	45	44	38	29	26	38	30		45.6
Blytheville	Maximum	79	80	77	70	69	64	76	69	68	69	71	73	74	69	64	55	54	50	44	48	52	52	63	50	53	51	48	45	43	39		60.6
	Minimum	55	54	50	38	40	40	50	..	..	..	..	42	48	55	46	36	39	41	39	34	33	38	33	31	40	38	38	36	32	25		40.5
Booneville	Maximum	83	81	77	72	73	75	70	82	69	78	78	80	77	80	72	55	51	51	47	55	56	64	70	64	54	52	54	46	49	46		65.4
	Minimum	56	62	61	50	55	46	56	57	42	34	47	49	60	62	39	38	35	44	40	34	27	24	28	35	41	37	26	26	35	23		42.3
Brinkley ***	Maximum	81	81	78	69	67	72	78	64	65	70	70	75	74	72	66	58	57	53	44	52	60	55	71	51	55	58	46	42	46	46		62.5
	Minimum	59	56	60	52	43	35	39	57	40	35	37	40	52	62	43	37	35	43	41	39	31	35	29	30	42	42	24	23	26	25		40.4
Camden	Maximum	81	81	80	75	71	79	79	77	70	76	77	78	76	78	75	67	58	56	49	58	64	60	74	74	60	60	69	55	54	53		68.8
	Minimum	51	52	58	54	51	46	51	60	67	35	39	40	49	61	48	44	42	44	41	39	31	29	34	36	44	39	29	21	38	26		43.3
Camp Robinson ***	Maximum	81	81	76	68	69	71	75	65	67	71	70	76	73	72	68	67	49	48	52	50	60	60	70	51	53	56	45	42	50	44		62.7
	Minimum	54	53	52	51	45	42	41	54	46	37	38	42	59	61	45	37	36	37	36	35	31	31	30	29	29	26	26	27	35	32		39.9
Conway	Maximum	85	85	79	70	72	75	79	67	70	75	74	79	71	71	65	59	54	52	49	56	61	60	72	62	50	50	50	44	53	49		64.6
	Minimum	57	58	60	58	48	43	48	58	60	39	39	55	50	45	45	39	37	46	41	36	33	30	32	37	41	42	37	23	37	27		43.4
Corning	Maximum	82	80	74	69	61	67	72	67	64	65	68	74	77	72	68	56	55	53	50	48	51	55	66	57	52	61	52	43	44	40		61.4
	Minimum	45	55	56	51	37	38	38	54	47	35	34	36	37	57	43	34	38	42	37	35	30	37	30	28	39	49	35	24	33	24		39.3
Crossett	Maximum	83	82	76	81	76	78	81	77	68	74	77	77	77	77	73	63	55	53	49	57	64	58	74	69	62	60	55	50	53	54		67.8
	Minimum	48	50	50	59	54	46	43	62	42	32	37	38	47	58	55	47	45	42	42	42	30	27	32	36	44	38	25	24	36	23		41.8
Dardanelle	Maximum	82	81	79	66	68	70	68	69	69	75	76	79	75	76	70	58	54	54	49	54	57	59	70	67	50	50	50	49	48	46		63.9
	Minimum	58	58	63	56	53	45	50	59	47	37	44	47	59	62	55	40	37	45	41	35	31	28	32	36	42	40	36	26	37	27		44.2
De Queen	Maximum	80	80	77	74	70	72	73	78	71	74	76	74	75	73	67	59	55	50	52	60	62	62	73	60	63	57	56	50	53	52		65.9
	Minimum	52	59	61	58	53	55	62	60	45	34	46	52	63	65	41	44	41	43	41	41	29	28	31	40	44	39	20	29	38	25		44.6
Des Arc	Maximum	81	79	77	75	67	70	75	75	63	69	70	79	77	78	73	59	58	54	48	52	59	56	70	66	54	54	51	43	43	45		64.0
	Minimum	63	56	60	57	43	39	44	57	47	36	35	41	52	67	43	36	36	44	40	38	31	35	31	33	40	42	36	23	33	29		42.2
Devils Knob	Maximum	69	70	66	66	60	63	55	58	60	67	64	69	63	67	61	46	45	42	39	46	59	53	61	53	42	45	44	38	40	36		54.9
	Minimum	55	56	57	54	48	44	51	54	41	53	57	58	55	52	35	33	34	38	35	31	32	24	42	38	36	32	25	24	28	20		41.4
Dumas	Maximum	85	82	80	80	74	75	80	79	68	72	74	77	77	76	72	60	60	55	49	57	65	61	72	61	57	60	52	48	52	47		66.9
	Minimum	51	53	53	58	47	41	44	60	48	40	39	42	50	60	55	44	42	44	43	42	34	34	36	40	43	42	31	24	36	27		43.4
El Dorado	Maximum	83	84	74	75	76	78	79	73	75	76	73	76	76	76	70	66	54	51	48	56	60	61	72	64	60	62	50	48	52	50		66.6
	Minimum	52	59	60	48	52	41	43	64	49	41	46	46	56	62	53	49	45	43	42	41	36	33	41	44	45	38	31	27	38	30		45.8
England	Maximum	82	80	80	74	76	67	70	68	68	68	71	74	76	74	72	64	64	56	51	51	53	60	60	70	53	52	54	48	40	48		64.1
	Minimum	50	55	60	60	61	45	48	49	50	44	45	45	47	56	58	49	42	42	46	44	40	37	36	40	41	46	40	30	24	33		45.4
Eureka Springs	Maximum	76	73	70	60	69	74	65	70	61	69	73	75	73	75	60	48	45	47	43	45	44	54	61	52	54	49	43	42	40	40		58.3
	Minimum	60	63	60	50	51	48	55	58	44	38	49	53	61	54	37	32	38	41	37	34	34	25	36	38	38	34	28	24	29	20		42.3
Fayetteville	Maximum	76	75	70	65	71	72	67	73	65	72	71	74	73	73	62	51	47	48	45	50	46	56	62	56	54	49	45	46	44	40		59.9
	Minimum	58	61	60	54	54	52	56	58	42	35	50	55	61	56	36	33	38	42	38	34	30	24	38	32	41	33	29	26	28	22		42.5
Fayetteville Exp. S	Maximum	78	76	72	64	72	73	69	73	64	73	72	74	74	75	69	51	46	48	44	49	47	57	62	56	55	48	49	46	45	40		60.7
	Minimum	59	60	57	52	52	46	56	57	39	33	43	54	59	53	33	30	36	39	37	32	28	21	34	31	40	32	27	21	26	19		40.2
Fordyce	Maximum	82	82	75	80	69	76	78	74	69	74	75	77	74	75	72	58	56	52	50	58	63	57	72	62	57	55	52	45	51	59		66.0
	Minimum	56	59	62	56	49	47	55	60	45	41	47	49	56	64	51	44	43	42	42	41	39	30	37	45	43	38	29	26	37	30		45.4
Fort Smith ***	Maximum	81	80	73	69	73	72	65	76	67	73	78	76	78	77	58	49	50	49	47	55	50	59	67	50	52	47	48	43	45	42		61.6
	Minimum	58	62	63	61	56	50	58	53	46	43	49	56	64	50	44	42	39	43	42	41	34	29	36	43	42	37	29	31	33	31		45.5
Gilbert §§	Maximum	80	80	65	62	68	73	70	71	68	74	72	77	71	75	60	50	50	50	42	50	57	64	67	49	51	49	48	42	47	44		60.9
	Minimum	38	55	54	53	45	35	36	54	45	27	27	31	37	53	31	30	30	40	37	34	30	30	24	24	28	36	31	17	18	21		35.0
Grannis	Maximum	82	80	73	73	73	76	68	79	70	77	77	75	74	69	67	58	53	51	50	60	60	65	75	60	55	53	56	46	51	53		65.3
	Minimum	52	58	59	56	49	49	58	57	44	38	42	42	48	62	41	41	37	40	38	37	33	26	37	42	41	35	23	25	33	29		42.4
Gravette	Maximum	78	77	68	61	72	75	66	73	72	74	73	75	75	70	58	47	44	46	45	52	45	57	64	50	58	50	49	47	45	37		60.1
	Minimum	57	62	58	52	53	49	54	55	45	31	47	55	62	52	35	29	39	40	38	33	29	21	28	32	40	32	28	26	27	20		41.0
Green Mountain	Maximum	80	75	75	69	58	70	69	66	64	69	65	65	69	74	64	54	55	52	49	56	54	58	65	51	44	50	54	51	42	41		60.6
	Minimum	56	55	55	49	42	44	41	51	39	44	41	48	48	56	42	34	35	34	35	36	35	29	44	36	35	34	29	25	29	22		40.0
Harrison	Maximum	85	76	72	60	67	74	66	73	67	70	74	75	75	80	68	50	48	48	44	48	51	58	63	54	48	48	46	42	42	39		60.4
	Minimum	51	64	55	51	49	42	48	57	47	39	38	45	57	57	39	34	40	42	37	35	31	27	30	29	38	35	31	21	32	21		40.7
Helena	Maximum	79	80	80	72	68	71	77	73	62	64	69	74	74	73	69	58	55	52	45	48	56	53	68	59	55	59	53	47	44	42		62.6
	Minimum	55	57	58	60	47	41	50	56	50	39	41	48	52	59	53	40	37	43	42	37	33	32	33	39	41	48	39	28	33	27		43.9
Highland	Maximum		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Hope §§	Maximum	83	82	68	75	73	78	77	81	70	75	78	77	75	74	65	67	52	48	49	58	61	61	68	54	62	49	52	44	53	50		65.3
	Minimum	54	60	59	56	53	50	50	60	48	38	41	44	59	61	45	46	43	44	41	38	34	31	32	42	38	40	27	27	31	27		44.0
Hot Springs	Maximum	83	81	76	73	72	75	73	65	71	75	76	75	73	69	67	55	53	50	46	54	58	61	72	67	50	53	54	47	50	50		64.1
	Minimum	59	59	61	56	49	43	54	58	41	44	46	50	56	63	47	42	37	44	40	38	35	29	43	44	41	38	29	26	36	31		44.6
Jonesboro	Maximum	79	78	73	68	61	68	73	68	62	63	67	75	73	69	64	54	52	50	47	49	55	53	64	58	52	61	51	40	41	39		60.2
	Minimum	57	52	54	53	41	40	41	55	48	42	37	41	48	57	47	38	40	42	38	36	34	38	36	35	39	49	36	34	34	26		42.2
Lead Hill	Maximum	78	80	73	60	63	73	64	73	66	70	74	78	77	80	67	50	49	51	45	48	49	57	62	53	48	49	45	42	43	36		60.1
	Minimum	44	48	50	51	44	38	51	54	48	29	32	40	57	58	40	30	41	42	38	38	30	27	25	26	39	38	30	19	29	22		38.6
Little Rock ***	Maximum	79	80	74	66	67	70	75	64	66	71	70	76	72	72	60	56	53	51	48	53	59	58	69	52	53	54	46	40	48	43		61.5
	Minimum	60	58	60	55	49	45	48	56	48	41	41	45	55	60	49	42	42	42	42	40	36	35	38	41	41	40	31	26	33	30		44.3
Lutherville	Maximum	78	78	73	73	68	67	62	68	67	72	70	75	70	71	67	55	52	49	49	53	55	53	69	60	76	71	48	45	46	44		62.8
	Minimum	55	61	61	55	52	47	52	57	45	40	44	48	54	58	39	39	37	43	39	33	32	26	35	40	41	30	33	24	34	25		42.6
Magnolia	Maximum	83	83	78	77	74	77	80	81	74	76	78	73	77	77	68	60	55	51	50	58	63	61	73	67	68	64	52	50	54	54		67.9
	Minimum	52	56	59	55	53	50	53	64	43	35	49	46	55	50	49	47	45	44	41	38	34	30	38	43	45	36	26	31	38	28		44.4
Mammoth Spring	Maximum	80	77	72	65	63	66	60	60	61	65	64	74	73	70	70	72	60	60	59	52	49	52	63	65	45	45	55	45	41	35		60.5
	Minimum	48	51	54	53	41	40	38	48	49	32	31	37	51	44	41	32	42	40	38	34	41	35	27	30	39	43	34	21	34	20		38.9
Marianna §§	Maximum	80	81	80	69	67	72	78	63	62	66	70	74	75	72	63	58	56	52	44	49	57	55	68	53	56	59	45	47	43	45		62.0
	Minimum	55	55	56	59	44	39	42	55	51	36	40	46	51	55	52	38	36	44	42	37	32	33	30	35	40	44	38	28	34	26		42.4
Marked Tree §§	Maximum	78	78	79	62	63	69	74	63	60	62	67	72	74	70	60	55	56	51	42	50	53	54	66	48	54	60	40	41	42	41		59.5
	Minimum	47	55	53	58	39	39	38	41	52	39	35	35	40	47	50	38	38	42	40	36	32	32	35	32	33	42	38	36	33	25		40.0
Marshall	Maximum	76	75	75	63	63	69	68	66	66	69	69	74	74	70	67	60	62	48	48	47	56	60	65	55	46	50	42	40	41	39		60.1
	Minimum	61	60	59	52	46	43	54	56	46	39	48	53	58	53	39	34	35	36	37	36	33	29	29	33	38	40	31	26	32	22		41.9
Mena	Maximum	81	81	80	74	72	78	65	78	67	76	77	75	73	71	68	54	48	46	47	56	56	65	71	55	55	53	48	47	48	46		63.7
	Minimum	58	61	59	52	51	47	56	58	44	38	45	51	59	68	41	42	38	42	39	38	42	26	37	41	41	36	26	25	33	28		44.1
Monticello ***	Maximum	80	82	77	80	72	75	79	69	67	73	75	77	75	76	71	58	56	50	49	56	64	57	71	56	58	58	51	47	51	48		65.3
	Minimum	54	57	56	59	52	49	50	61	47	37	45	51	52	63	57	48	44	45	43	42	35	32	35	46	43	42	29	28	36	28		45.5
Morrilton §§	Maximum	82	82	75	68	73	74	75	73	73	75	75	82	73	73	62	58	55	52	51	54	59	58	71	54	55	54	54	41	52	48		64.4
	Minimum	44	58	59	55	49	40	46	56	46	38	38	43	55	60	44	39	37	36	40	37	31	31	30	34	39	39	35	24	24	26		41.1
Mountain Home	Maximum	79	79	73	65	64	71	66	72	70	70	72	77	73	75	67	54	53	52	52	49	55	60	64	55	47	50	44	42	41	38		61.0
	Minimum	51	58	56	51	46	44	43	53	44	40	38	43	55	56	41	34	39	38	38	37	31	32	32	31	39	37	32	21	31	22		40.4
Mt. Ida	Maximum	82	81	71	73	71	75	73	77	70	78	79	76	72	70	69	59	52	49	48	55	60	67	73	54	55	53	57	42	38	47		64.2
	Minimum	62	64	61	57	51	40	53	60	44	30	32	41	55	64	36	34	34	42	40	36	24	23	27	32	42	30	23	17	37	20		40.4
Nashville	Maximum	81	84	76	75	70	75	72	80	71	75	78	77	77	75	73	59	53	53	51	58	62	63	72	61	64	60	54	44	53	50		66.5
	Minimum	58	59	63	55	53	52	59	60	46	38	46	47	60	62	44	42	44	44	42	35	32	31	33	40	44	40	25	29	39	27		45.0
Newport	Maximum	81	81	75	67	63	71	74	64	65	67	71	76	74	72	64	51	55	52	47	51	56	58	68	51	52	60	42	41	44	46		61.3
	Minimum	56	57	56	56	42	39	40	56	48	36	36	38	49	59	44	38	37	45	40	36	32	38	31	32	41	51	34	26	31	26		41.7

Daily Temperatures for November, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Nimrod Dam	Maximum	82	80	77	76	70	75	73	71	67	75	75	77	73	73	68	62	57	58	47	53	57	62	69	63	63	61	53	42	47	45	65.1
	Minimum	58	63	62	56	47	42	52	59	47	38	39	45	58	58	..	..	..	..	45	38	32	29	33	36	35	35	34	23	37	26	43.2
Oden ***	Maximum	85	85	77	80	76	81	71	80	71	80	80	80	75	74	69	59	55	51	51	59	60	69	75	56	58	53	57	41	48	48	66.8
	Minimum	67	68	65	60	54	50	50	63	51	40	46	51	60	69	49	45	40	48	44	44	33	32	39	40	46	38	32	21	36	25	46.9
Okay	Maximum	83	84	82	74	75	77	78	81	80	78	78	78	77	77	74	67	57	51	51	61	64	64	74	73	76	67	54	52	56	65	70.3
	Minimum	57	60	61	58	53	51	60	59	44	34	43	48	59	65	45	45	44	45	41	36	30	30	31	39	44	39	23	27	38	25	44.5
Ozark	Maximum	80	81	80	81	73	69	65	76	67	73	73	78	73	75	69	55	52	55	52	54	53	55	68	51	50	50	50	45	47	44	63.1
	Minimum	52	55	54	55	56	50	56	57	46	37	48	54	59	58	42	39	35	52	47	34	31	26	32	34	42	39	33	30	84	27	43.8
Paragould	Maximum	77	77	70	68	60	64	71	68	61	58	63	71	74	67	66	55	54	51	49	48	51	51	62	58	52	61	54	40	42	39	59.4
	Minimum	53	53	52	52	40	39	38	55	49	39	34	37	45	56	47	39	41	42	38	36	32	39	35	30	49	50	36	33	34	24	41.3
Perryville	Maximum	83	82	76	65	67	73	72	68	67	73	75	79	72	71	67	57	53	51	52	55	57	60	70	51	51	52	55	41	54	48	63.2
	Minimum	52	55	60	52	48	40	42	58	36	42	35	45	58	63	41	36	36	40	38	35	28	30	30	41	49	49	35	30	30	32	42.2
Pine Bluff	Maximum	87	82	76	73	71	74	78	73	68	74	76	78	77	76	71	56	56	55	49	55	63	60	73	56	54	58	50	44	51	47	65.4
	Minimum	57	57	60	61	59	48	50	60	50	45	44	47	54	64	52	46	48	44	41	42	37	34	38	42	43	48	33	28	37	31	46.4
Pocahontas	Maximum	80	80	76	73	62	68	68	66	63	65	66	74	73	70	67	57	54	54	50	49	52	54	65	62	49	62	54	39	42	42	61.2
	Minimum	51	55	51	51	40	38	38	52	48	36	35	33	47	56	40	33	40	43	37	35	35	36	29	32	39	46	35	23	33	24	39.9
Portland	Maximum	82	82	79	80	73	76	80	72	70	75	74	76	75	75	74	64	56	54	48	55	63	57	72	63	60	62	55	50	50	49	66.7
	Minimum	51	53	52	62	50	45	44	62	47	38	39	41	66	70	56	48	45	43	42	43	34	32	36	40	44	44	31	28	31	27	44.8
Prescott	Maximum	83	83	80	78	73	77	77	80	77	75	77	77	74	74	73	61	56	52	50	56	63	61	72	70	61	60	52	50	54	50	67.5
	Minimum	60	59	62	57	52	50	56	60	49	42	45	47	59	65	49	49	44	45	42	39	35	33	39	44	45	41	29	28	39	30	46.5
Rogers	Maximum	75	72	70	62	71	73	67	73	64	71	73	76	75	73	57	45	45	47	44	48	46	46	63	53	55	49	46	45	44	37	58.8
	Minimum	55	53	56	51	52	46	55	55	40	36	42	50	60	55	42	31	38	41	37	35	31	22	33	32	40	32	29	42	27	20	41.3
Russellville	Maximum	82	81	78	67	68	70	67	70	69	74	75	78	74	74	60	58	54	52	47	54	57	56	70	65	49	50	50	42	47	46	62.8
	Minimum	54	52	63	54	53	42	50	59	46	36	40	44	50	62	42	39	37	45	41	36	32	29	30	36	42	41	36	26	37	25	42.6
St. Charles	Maximum	79	81	81	76	70	72	73	75	66	68	72	..	76	76	70	68	59	55	48	53	61	58	71	70	56	58	52	46	49	45	65.1
	Minimum	56	53	54	57	45	39	46	55	48	38	37	..	40	60	44	40	36	44	41	40	32	35	34	34	41	45	37	23	34	25	41.8
Searcy	Maximum	81	80	76	69	65	71	76	64	67	68	70	75	74	71	66	55	55	52	48	52	59	55	69	60	52	54	47	43	48	45	62.2
	Minimum	56	55	60	58	44	42	43	58	50	38	37	41	49	62	43	38	39	45	41	40	35	37	33	37	41	46	36	25	29	29	42.9
Sheridan	Maximum	83	83	76	73	72	73	78	76	68	75	75	77	73	74	71	56	55	52	49	57	61	59	74	65	54	56	48	47	53	45	65.3
	Minimum	53	56	60	53	46	40	52	57	50	40	36	45	51	61	41	38	35	43	40	37	32	31	32	37	40	37	31	20	34	25	41.9
Siloam Springs	Maximum	77	76	69	59	71	72	69	78	63	73	74	74	74	70	64	46	45	46	45	52	41	57	61	52	54	49	47	45	45	37	59.5
	Minimum	62	63	58	53	53	50	55	56	40	33	47	56	62	52	37	33	40	40	39	36	28	23	31	31	41	33	29	24	28	22	41.8
Stuttgart	Maximum	81	82	81	72	70	72	78	70	64	68	70	75	75	76	74	58	55	53	46	53	60	57	70	61	54	57	50	44	49	44	64.0
	Minimum	56	54	58	60	47	44	45	59	48	40	41	45	51	52	50	42	37	45	42	41	34	38	35	40	43	42	37	26	35	29	43.9
Stuttgart Evap.	Maximum	80	80	81	71	69	72	77	69	64	68	70	79	73	73	69	59	56	54	52	53	59	55	70	63	54	56	49	44	47	45	41.3
	Minimum	54	53	53	57	45	40	44	56	45	35	37	42	48	59	47	38	35	42	40	39	30	34	29	42	40	41	35	22	33	24	41.3
Subiaco	Maximum	82	81	74	69	72	74	69	76	67	72	76	80	73	74	69	53	52	52	57	52	53	54	68	60	53	52	50	44	45	42	63.1
	Minimum	58	64	62	55	55	41	55	58	46	42	44	49	45	46	43	52	37	44	41	39	33	28	38	40	41	39	33	26	36	30	43.7
Texarkana ***	Maximum	81	81	66	74	71	78	74	81	68	77	76	77	74	76	62	55	51	48	52	57	62	62	71	56	66	49	55	44	54	53	65.0
	Minimum	60	62	59	60	54	54	60	57	48	41	51	55	61	61	47	48	45	42	42	42	38	34	41	46	46	34	28	30	35	31	47.0
Turnpike	Maximum	72	73	68	..	63	65	62	60	61	68	65	70	65	64	63	50	45	44	40	44	52	50	61	52	44	45	45	38	42	38	53.6
	Minimum	55	55	56	..	45	41	50	52	40	44	44	50	53	52	36	33	33	36	33	30	35	23	39	36	34	31	25	22	28	19	37.7
Waldron	Maximum	82	81	78	75	72	77	72	80	69	76	77	76	76	76	74	53	51	50	47	54	55	65	68	64	59	56	52	45	47	45	65.1
	Minimum	56	65	60	50	50	41	59	58	46	32	36	49	61	65	39	38	35	44	40	41	26	22	27	34	42	37	92	20	34	22	41.7
Warren	Maximum	82	82	78	79	74	77	81	76	69	74	77	77	76	77	73	63	58	57	48	54	64	60	61	68	57	57	48	54	55	51	66.9
	Minimum	54	56	56	58	49	47	48	62	49	40	42	45	52	63	56	47	45	44	43	41	36	32	39	40	45	42	36	26	38	27	45.3
White Rock	Maximum	73	71	67	63	62	64	57	70	60	67	66	69	68	72	60	47	44	42	41	45	51	54	63	54	44	44	46	39	44	37	56.1
	Minimum	56	57	56	58	49	41	51	51	38	46	48	53	56	51	35	33	32	37	34	31	31	24	39	37	35	30	24	25	26	20	40.2
Wilson	Maximum	77	78	77	68	65	62	63	61	62	58	68	74	73	71	71	55	55	53	50	53	52	54	69	65	63	56	56	42	42	41	61.1
	Minimum	54	53	51	53	50	34	45	53	48	36	40	45	45	60	44	35	39	39	37	38	34	35	36	40	40	38	37	34	29	23	41.5
Wynne §§	Maximum	83	83	80	63	68	75	79	68	66	63	73	79	76	70	65	58	50	53	43	52	58	59	71	50	54	63	40	44	42	40	62.3
	Minimum	56	59	59	60	43	41	44	50	49	38	39	45	52	55	48	37	37	42	41	36	34	34	33	32	38	43	38	31	34	25	42.4

Daily River Stages for November, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	6.1	5.8	5.8	5.7	5.7	5.7	5.7	6.0	5.8	6.7	7.6	7.8	7.5	7.7	7.4	7.1	8.6	7.7	7.3	6.8	6.6	6.3	5.8	5.8	5.8	5.7	5.4	5.8	6.4	6.3
Van Buren	do	22	5.3	4.9	5.4	5.4	5.4	5.5	5.4	5.4	5.4	6.7	7.0	7.2	7.2	7.2	6.7	7.5	8.0	7.4	6.7	6.3	6.0	5.6	5.5	5.6	5.6	5.2	5.2	5.6	6.2	6.1
Danville	Petit Jean	20	2.2	2.2	2.2	2.2	2.2	2.2	2.2	5.5	9.6	4.3	3.2	3.0	3.0	2.9	3.0	3.0	3.0	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.9	3.0	3.1	3.1	3.0	3.0
Ozark	Arkansas	22	1.6	1.4	1.0	1.0	1.1	1.5	1.7	2.0	2.0	1.4	2.3	2.3	2.9	3.2	3.1	2.8	2.8	4.0	3.9	3.0	2.4	2.3	2.0	1.7	1.5	1.8	1.8	1.4	1.5	2.2
Dardanelle	do	22	3.1	3.6	3.3	3.3	3.5	3.6	.5	4.0	3.6	3.6	4.0	4.8	5.0	5.1	5.3	5.2	4.9	4.8	5.8	5.3	4.7	4.4	4.2	3.8	3.6	4.0	3.9	3.5	3.2	4.2
Morrilton	do	20	-1.0	-1.0	-1.8	-1.6	-1.4	-1.3	-1.2	-0.9	-0.7	-0.7	-1.0	-0.3	0.2	0.2	0.4	0.5	0.2	0.5	1.1	0.8	0.2	-0.2	-0.4	-0.8	-1.0	-0.9	-0.8	-1.0	-1.0	-1.0
Little Rock	do	23	1.9	1.8	1.8	1.7	1.5	1.5	1.5	1.8	1.9	1.9	2.1	1.9	2.2	2.5	2.6	2.7	2.8	2.6	2.9	3.2	3.0	2.6	2.3	2.1	2.0	1.8	1.8	1.8	1.7	1.6
Pine Bluff	do	25	2.3	2.2	2.0	1.9	1.8	1.7	1.7	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.8	3.0	3.3	3.4	3.2	3.6	3.7	3.7	3.3	2.9	2.6	2.3	2.2	2.0	1.9	1.8
Gilbert	Buffalo	30	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.5	3.5	3.5	3.5	3.5	3.3	3.3	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Black Rock	Black	14	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.4	2.0	1.4	1.3	1.3	1.2	1.2	1.5	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2
Heber Springs	Little Red	30	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.7	2.0	2.4	3.3	3.2	3.1	3.0	2.8	2.8	3.1	3.2	3.3	3.3	3.5	3.5	3.5	3.4	3.4	3.5	3.6	3.8	3.7	3.7
Ozark Beach Mo	White	30	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Cotter	do	21	1.7	1.6	1.8	1.9	1.7	1.7	1.6	1.5	1.6	1.7	1.8	1.8	1.5	1.6	1.5	1.5	1.8	1.8	1.8	1.8	1.9	1.3	1.4	1.5	1.6	1.7	1.5	1.7	1.6	1.5
Calico Rock	do	18	0.8	0.8	0.8	0.8	0.8	0.2	0.5	1.0	0.8	0.8	0.9	0.9	0.9	0.9	1.0	0.9	1.1	1.2	1.0	0.7	1.2	1.1	0.9	0.8	1.1	0.8	0.4	1.0	0.9	0.3
Batesville	do	23	4.6	5.0	5.1	5.1	5.1	5.0	4.7	4.9	5.5	5.0	4.9	5.1	5.0	5.0	5.2	5.3	5.0	5.3	5.6	5.3	5.1	5.4	5.3	5.2	5.0	5.6	5.2	4.8	5.1	5.7
Newport	do	26	-0.8	-0.9	-0.7	-0.7	-0.7	-0.7	-0.8	-0.7	-0.4	0.2	0.6	-0.3	-0.4	-0.4	-0.3	-0.2	-0.1	-0.2	0.3	0.0	-0.2	-0.3	-0.2	-0.2	0.0	-0.2	-0.1	-0.3	-0.3	-0.2
Georgetown	do	21	-0.7	-0.7	-0.7	-0.7	-0.9	-1.0	-1.0	-0.7	-0.7	-0.6	-0.2	0.1	0.3	0.3	0.3	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.3
Des Arc	do	24	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.9	2.0	2.0	2.0	2.6	2.5	2.5	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Clarendon	do	26	6.2	6.2	6.1	6.1	6.0	6.0	6.0	6.2	6.3	6.3	6.3	6.4	6.7	6.9	7.0	6.9	7.0	7.0	7.1	7.1	7.1	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
St. Charles	do	25	6.1	6.1	6.1	6.1	6.0	5.9	5.8	6.0	6.1	6.1	6.1	6.2	6.3	6.5	6.7	6.7	6.7	6.8	6.9	6.9	6.8	6.8	6.9	6.9	7.0	7.0	7.0	6.9	6.9	6.9
Glenwood	Caddo	..	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.5	5.6	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.3	5.3	5.2	5.2	5.1	5.1	6.1	5.8	5.6	5.4	5.3	5.2
Arkadelphia	Ouachita	17	4.4	4.2	4.3	4.5	4.4	4.0	4.4	4.5	5.4	6.2	5.3	4.6	4.4	4.6	5.6	4.4	5.7	6.1	5.0	4.4	4.5	4.8	4.6	4.6	5.6	5.5	5.0	4.9	6.2	6.1
Boughton	Little Mo.	20	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.6	4.4	7.0	7.8	6.1	4.5	4.3	4.1	4.0	3.9	3.9	3.8	4.0	4.0	4.2	4.1	4.0	5.0	5.2	5.4	6.4	6.1	5.8
Camden	Ouachita	26	3.8	3.7	3.9	4.0	4.0	4.4	4.2	4.1	4.3	4.5	5.9	6.9	6.3	5.6	4.9	4.7	4.9	4.5	5.1	5.3	4.7	4.5	4.7	4.8	5.0	4.6	5.1	6.3	6.3	6.4
Benton	Saline	20	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.8	4.3	5.8	5.0	4.6	4.4	4.3	4.2	4.1	4.1	4.0	4.2	4.4	4.2	4.7	4.8	4.4	4.3	4.9	5.8	5.9	5.1	4.8
Index	Red	25	4.4	4.4	4.4	4.4	4.4	4.4	4.4	5.0	5.4	5.6	9.5	8.6	7.6	7.0	6.5	6.0	5.6	5.4	5.5	5.5	5.4	5.1	5.1	5.0	5.6	6.0	6.6	7.4	8.1	9.0
Fulton	do	25	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.3	6.0	6.6	10.3	11.2	10.8	9.8	7.9	7.2	6.9	6.4	6.3	6.3	6.2	5.2	6.0	5.9	5.8	7.4	7.5	7.8	8.9	8.9
Big Lake Outlet	St. Francis	10	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.7	2.7	2.7	2.7	2.7	2.8	2.9	2.9	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.6
St. Francis	do	18	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.2	4.5	3.3	2.5	2.5	2.4	2.6	3.2	3.8	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
St. Francis L.L.	do	..	17.3	17.6	17.9	18.0	17.9	17.6	17.8	18.0	18.2	17.9	17.8	17.7	17.6	17.6	17.7	17.7	17.8	17.9	17.9	17.9	17.5	17.0	17.1	17.0	17.6	18.1	18.5	18.0	17.7	17.7
Marked Tree	do	17	0.5	0.4	0.3	0.3	1.8	2.0	0.5	0.4	1.7	2.1	2.1	2.0	2.0	2.0	2.0	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.0	2.3	0.7	0.6	0.5	1.7	1.7	2.1
Parkin	do	28	1.8	1.2	1.9	0.8	0.8	0.9	1.5	1.6	1.2	0.9	1.5	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.4	2.5	2.3	2.1	1.7	1.3	1.0	1.6	2.4
Madison	do	32	0.8	0.8	0.3	0.5	0.5	0.1	0.5	0.7	0.7	0.9	0.9	0.9	1.0	1.0	1.1	1.0	1.0	1.2	1.2	1.1	0.7	0.4	0.1	0.3	-1.4	0.2	0.4	0.4	0.4	1.4
Helena	Mississippi	42	7.6	6.4	5.2	4.7	4.6	4.5	4.3	4.3	4.3	4.7	4.8	5.1	5.8	6.3	6.3	6.1	5.9	5.8	5.5	5.4	5.1	5.2	5.8	6.2	6.6	7.0	7.3	7.5	7.8	8.0
Arkansas City	do	42	4.7	4.5	3.6	2.7	2.2	1.9	1.8	1.6	1.5	1.6	1.8	1.9	2.0	2.6	3.0	3.3	3.4	3.4	3.2	3.0	2.8	2.7	2.6	2.9	3.4	3.6	3.8	4.1	4.3	4.5

Symbols for Climatological Data Table:--The departures from the normal temperature and precipitation are computed from the averages of the entire period for stations having 10 or more years of record. §Also on other dates. **Not used in means and summaries ‡‡Evaporation station. †Postoffice addresses (see notes for daily precipitation table). T. Trace, or precipitation less than 0.01 inch. Reference letters ^{a},^{b},^{c}, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch. ‡‡Evaporation Station. †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon; Sheridan, Hensley; Sparkman, Rt. Sparkman; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Route 2, Winslow.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

W B.R.P.O.-Fort Worth, Texas-1-7-1945-1900.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLIX LITTLE ROCK, ARK., DECEMBER, 1944 No. 12

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

With temperatures averaging almost five degrees below normal, this was the coldest December since 1935 and one of the coldest since 1890. Also it was the coldest month of the current year. Although temperatures were not abnormally low, cold weather persisted throughout the month. There were approximately twice as many mornings with freezing temperatures as usually occur during December. However, no subzero temperatures were experienced. Cloudiness was above the average, consequently sunshine was deficient.

Precipitation in December ranged from less than three inches in the northwestern sections to more than fourteen inches in the southeastern district. For the State as a whole it was the wettest December sn more than fifty years, and the wettest month of the current year. Rainfall was quite general and heavy from the 5th to 7th and again from the 25th to 29th. Many stations in the southern section reported more than three inches in a 24-hour period on the 5th-6th. Snowfall was light, ranging from flurries to three inches. Glaze was quite general during the last week, resulting in hazardous driving conditions, especially in the mountainous sections.

The heavy rains caused rises on the Ouachita River to crests above flood stage on two occasions. Flooding was negligible at Arkadelphia, but at Camden considerable bottom land was inundated at the close of the month.

Because of the cold wet weather, farm work was confined to chores, butchering, and wood cutting.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 78 stations, was 38.0°, which is 4.8° below the 54-year average for December. The highest monthly mean temperature was 44.4° at Camden, and the lowest was 33.0° at Devils Knob. The highest temperature recorded was 76° at Marshall on the 20th, and the lowest was 4° at Gravette on the 12th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 105 stations, was 7.86 inches, which is 3.59 inches above the 54-year average for December. The greatest monthly total was 14.37 inches at Warren, and the least was 2.29 inches at Odell. The greatest amount recorded in any 24 hour period was 6.48 inches at Crossett on the 30th-31st.

B.N.W.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:---17,18,24,25.
Heavy Fog:---5,8,23,24,25,29,30,31.
Glaze:---26,27,28.
Sleet:---3,4,9,21,28.
High Winds:---11,20,21.

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Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.66	2	29.73	7	8.3	19	nw.	11	86	73	75	40	835
Little Rock	30.77	2	29.65	7	8.6	26	nw.	11	87	72	84	45	834
Memphis ..	30.75	2	29.63	7	8.3	24	nw.	31	84	70	74	40	845

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	72	13	4.69	......	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	− 6	4.42	1 3	6	12	6	13
1902	40.8	75	5	5.71	3.3	8	10	6	15
1903	39.7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0 7	7	12	6	13
1908	46.0	82	11	1.50	0.2	5	13	7	11
1909	35.3	82	1	5.26	3 2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1.0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43.6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.3	7	12	4	15
1916	42.1	82	−16	3.35	4.5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	3	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43.2	74	6	5.95	0.4	8	13	5	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6.24	T.	13	9	5	17
1924	41 4	86	− 8	3.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.18	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0 9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41 5	74	4	3.78	0.2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.32	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
1938	44.6	74	6	2.93	T.	7	13	7	11
1939	45.5	84	5	2.46	1.4	5	16	5	10
1940	46.7	77	14	3.90	T	9	13	5	13
1941	44.7	80	14	3.67	0.3	7	11	8	12
1942	42.7	80	16	4.87	0.6	10	8	5	18
1943	40.7	82	− 5	3.43	0.7	7	9	6	16
1944	38.0	76	4	7.86	0.4	11	12	3	16
Period	42.8	88	−21	4.27	1.1	8	12	6	13

Climatological Data for December, 1944

Stations	Counties	Elevation, feet	Length of record years	Temperature, (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork †	Saline	755	7	38.2	......	63	18§	15	14§	8.97	......	2.70	5-6	T.	11	12	5	14	w.	L. R. Water Works
Arkadelphia	Clark	200	48	38.9	-6.1	68	20	18	12	10.38	+5.41	3.30	5-6	0.0	14	14	0	17	n.	W. H. Halliburton
Arkansas City	Desha	145	59	......	......	......	......	......	......	10.54	+5.32	3.42	31	0.0	13	13	1	17	......	John W. Trammell
Batesville Airway	Independence	363	7	35.4	-5.2	65	20	13	22	6 91	......	2.36	6	T.	10	14	6	11	n.	Airway Observer
Batesville Livestk.	Independence	....	3	33.4	......	65	20	9	22	6.09	......	1.89	6-7	1.9	10	14	5	12	ne.	University of Arkansas
Batesville River	Independence	277	44	......	......	......	......	......	......	6.61	+2.71	2.24	6-7	2 5	11	13	5	13	......	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	51	36.6	-5.3	65	20	12	14	6.81	+2.71	1.50	5	T.	10	14	3	14	n.	Miss Minnie Scanlan
Benton	Saline	285	8	35.0	......	63	17§	11	15	10.22	......	3.70	5-6	0.0	14	15	1	15	nw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	38	34.0	-4.4	63	20	9	12	2.44	-0.01	1.53	4-5	1.0	8	9	7	15	n	E. L. Browne
Bethesda †	Independence	500	4	33.2	......	60	17	10	22	6.03	......	1.74	7	2.0	10	12	4	15	nw.	Soil Conservation Ser.
Big Lake Outlet †	Mississippi	239	13	......	......	......	......	......	......	9.55	+5.23	3.16	24-25	1.3	13	11	3	17	......	N. W. Douglas
Black Rock	Lawrence	259	42	......	......	......	......	......	......	5 08	+1.22	1.70	6-7	0.5	10	13	0	18	......	Vernon C. Howe
Bluff City	Nevada	....	3	42.5	......	65	17§	20	12§	10.32	......	2 27	26-27	0 0	12	12	2	17	ne.	Ark. Forestry Com.
Blytheville	Mississippi	252	18	36.0ᵃ	-6.5	64	20	14ᵇ	2	8 89	+4.85	2.96	24-25	2.5	10	15	1	15	s	Maureen K. Norris
Booneville 3 miles w	Logan	465	29	39.4	-4.8	69	20	15	12§	4.76	+1.58	1.18	4-5	T.	10	12	5	14	e.	F. H. Randolph
Boughton †	Clark	235	8	......	......	......	......	......	......	10.65	......	3.40	5-6	0.0	9	10	4	17	......	Katie B. Moore
Brinkley	Monroe	205	52	37 6	-6.1	63	20	15	14	11.93	+7.01	2.85	24-25	T.	16	12	3	16	n.	U. S. Weather Bureau
Calico Rock	Izard	361	39	......	......	......	......	......	......	5.04	+1.72	1.96	5-6	1.0	11	9	3	19	......	William Jones
Camden	Ouachita	116	58	44.4	-0.9	67	17	20	12	11.79	+6.75	3.36	5-6	0.0	14	11	5	15	w.	J. M. Knight
Camp Chaffee	Sebastian	419	..	37.5	......	66	20	19	12	4.45	......	1.28	5-6	T.	11	9	3	19	nw.	U. S. Army
Camp Robinson	Pulaski	463	3	38.6ᶜ	......	65ᶜ	20	18ᶜ	14	8.42	......	2.10	26-27	T.	11	13	2	16	ne.	U. S. Army
Clarendon	Monroe	172	39	......	......	......	......	......	......	10.00	+4.93	2.25	24-25	0.0	14	11	4	16	......	B. F. Northern
Conway	Faulkner	309	60	39.4	-3.7	67	20	17	14	8.98	+4.75	2.58	24-25	T.	11	13	3	15	n	E. E. Cordrey
Corning	Clay	293	50	35.5	-4.6	65	20	12	22	4.86	+1.16	1.20	6-7	0.8	11	3	9	19	n	Richard C. Polk
Cotter	Baxter	440	16	......	......	......	......	......	......	4 13	+0.78	1.42	6-7	2.3	8	10	5	16	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	31	43 0	-3.7	69	17	15	12§	12.51	+7.19	6.48	30-31	0.0	13	13	2	16	n.	U. S. Forest Service
Cummings Farm	Lincoln	176	..	40.0	......	65	17	18	14	10.05	......	2.45	30-31	T.	9	14	3	14	n.	T. C. Cogbill
Danville	Yell	327	27	......	......	......	......	......	......	6 32	+2.70	1.56	5-6	T.	12	12	4	15	......	J. M. Patterson
Dardanelle	Yell	330	57	39.0	-3.9	68	20	18	12§	6.97	+3.89	1.78	6-7	0.0	11	11	3	17	e.	Geo. N. Goodier
DeQueen	Sevier	426	8	40 8	......	64	20	18	12	10.36	......	3.00	24-25	0.0	12	11	8	17	......	L. D. McCown
Des Arc	Prairie	204	5	38.1	......	64	20	15	14§	9.00	......	2.26	5-6	T.	11	11	1	19	ne	Z. R. Glenn
Devils Knob †	Johnson	2350	7	33.0	......	57	20	10	12	4.26	......	1.25	4-5	1.5	13	13	0	18	nw.	U. S. Forest Service
Dumas	Desha	162	38	41.6	-4.9	67	20	18	14	11.02	+5.04	4.10	30-31	0.0	14	6	12	13	n.	Ben Johnson
El Dorado	Union	270	43	42.6	-4 6	68	17§	19	12	11.64	+5.25	3.17	5-6	0 0	12	15	1	15	n.	Mrs. E. W. Gaston
England	Lonoke	229	37	38.5	-5.8	65	17§	18	12§	11.78	+7.09	3.07	24-25	0.0	11	11	5	15	w.	O. V. Halbrook
Eureka Springs	Carroll	1465	43	35.0	-5.3	61	20	10	12	3.04	+0.06	1.40	4-5	4.0	11	12	3	16	ne.	Geo. W. Nichoalds
Fayetteville	Washington	1334	6	36 0	......	61	20	12	12	2.93	......	1.65	4-5	2.6	12	9	5	17	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	56	35.6	-4 6	61	20	8	12	2.72	-0.05	1.56	4-5	2.0	11	10	4	17	nw	University of Arkansas
Fordyce	Dallas	280	3	42.9	......	65	20	17	12	12.15	......	....	......	0.0	13	5	13	13	ne.	Ark. Forestry Com.
Fort Smith	Sebastian	448	62	38.0	-4 1	66	20	19	12	4.36	+1.60	1.67	5-6	T.	11	10	2	19	e.	U. S. Weather Bureau
Fort Smith Wtr.P. †	Crawford	793	6	......	......	......	......	......	......	3.36	......	1.56	5	T.	9	16	2	13	......	Ft. Smith Water Plant
Fulton	Hempstead	260	58	......	......	......	......	......	......	9.43	+5.43	2.33	26-27	0.0	12	10	3	18	......	Ina J. Logan
Garland	Miller	225	1	......	......	......	......	......	......	10.72	......	2 49	5-6	0.0	11	11	0	20	....	L. D. Denney
Georgetown	White	200	31	......	......	......	......	......	......	6.94	+2.46	2.20	6-7	0.0	8	12	2	17	....	C. G. Long
Gilbert	Searcy	600	18	33.6	......	69	15§	9	14§	4.35	+1.05	1.46	6-7	1.0	8	13	0	18	n.	D. O. Dennis
Glenwood	Pike	547	8	......	......	......	......	......	......	11.81	......	4.25	5-6	0.0	9	......	......	....	......	Chas. A. Price
Grannis	Polk	950	24	39.5	-5.3	64	19§	15	12	8 17	+3.35	2.06	4-5	T.	15	11	2	18	s.	W. E. McVay
Gravette	Benton	1250	46	35.1	-3.6	63	20	4	12	2.36	0.00	1.30	5	T.	6	12	4	15	nw.	Julius A. Schmidt
Green Mountain †	Stone	1100	6	34.7	......	64	20	11	14	5.55	......	1.55	5-6	2.0	8	9	8	14	ne	U. S. Forest Service
Harrison	Boone	1052	43	35.6	-3.1	66	20	10	22	2.67	+0.18	0.87	4-5	T.	8	12	4	15	nw.	J. M. McGaughey
Heber Springs(near)	Cleburne	272	14	......	......	......	......	......	......	7.58	+4.01	2.10	24	T.	10	12	5	16	......	Lester B. Logan
Helena	Phillips	300	71	40.0	-4 4	65	20	15	14	11.33	+6.32	2.85	30-31	T.	16	13	1	17	nw.	James A. Burnett
Highland	Pike	491	24	......	......	......	......	......	......	......	......	....	......	......	......	......	......	....	......	Clyde Cooley
Hope 3 miles e ‡†	Hempstead	375	73	40.4	-6.6	67	17	21	12§	10.06	+5.49	2 96	5-6	0.0	12	13	4	14	e.	University of Arkansas
Hot Springs	Garland	600	52	42 4	-2 1	64	17§	18	12§	10.83	+6.31	3 10	5-6	T.	12	13	6	12	w.	National Park Service
Index †	Little River	275	26	......	......	......	......	......	......	9.54	+5 22	2.00	5-6	0 0	13	16	0	15	......	W. E. McDowell
Jessieville	Garland	750	17	......	......	......	......	......	......	7.34	+2.97	2.45	24-25	0.0	12	14	2	15	nw.	U. S. Forest Service
Jonesboro	Craighead	345	48	36.3	-5.2	63	20	14	22	8.14	+3.82	2.63	6-7	1.5	15	11	1	19	ne.	Benedictine Sisters
Lead Hill	Boone	650	37	33.8	-5.9	61	17	9	22	2.51	-0.52	1.05	6-7	T.	7	14	1	16	nw.	J. H. Crosswhite
Little Rock	Pulaski	257	64	38.0	-6 2	64	20	20	22	8.33	+4 19	2.20	5-6	T.	11	11	4	16	ne.	U. S. Weather Bureau
Lutherville †	Johnson	775	45	36.6	-5.1	64	20	14	14	6.64	+2.49	1.40	6-7	T.	10	14	1	16	e.	Clarence Lenhardt
Madison	St. Francis	209	13	......	......	......	......	......	......	10.05	+4.69	2.40	24-25	T.	12	9	2	20	.....	J. W. Eppes
Magnolia	Columbia	315	27	43.6	-5.5	70	17	21	14	13.32	+7 75	2 60	27	0.0	13	13	4	14	nw.	State Agri School
Mammoth Spring	Fulton	600	39	34 9	-4.6	66	20	11	2§	3.93	+0.65	0.91	6-7	T.	8	18	4	9	n.	Ray H. Hall
Marianna	Lee	235	32	38.6	-5.6	64	20	18	14§	11.24	+6.80	....	......	0.0	9	9	5	17	n	University of Arkansas
Marked Tree	Poinsett	229	39	34 6	-6.5	62	20	10	23	8.69	+4.25	2.10	7	0.5	13	8	8	15	s.	Charles Walton
Marshall	Searcy	1050	..	37.7	-3.7	76	20	13	22	5.29	+1.60	1.74	5-6	3.2	7	12	9	10	n.	H. W. Wright
Mena	Polk	1207	55	39.2	-3.7	64	19	16	12	7.82	+3.93	2.27	5-6	T.	11	12	4	15	w.	E. W. St. John
Monticello	Drew	273	3	42.3	......	69	25	18	14	13.43	......	3 29	31	0.0	13	14	2	15	ne.	Airway Observer
Morrilton †	Conway	315	27	38.0	-6 1	69	20	13	23	7.24	+3.34	1.95	5-6	T.	9	10	3	18	ne.	Mrs Nova A. Berry
Mountainburg	Crawford	712	6	......	......	......	......	......	......	3.53	......	1.54	4-5	T.	10	7	0	24	n.	C. A. Lovell
Mountain Home †	Baxter	800	31	35.1	-5 0	70	20	12	14§	3.94	+0.38	1.35	6-7	T.	9	14	3	14	nw.	H. N. Halbert
Mountain Valley	Garland	788	6	......	......	......	......	......	......	......	......	....	......	....	......	......	......	....	.....	C. A. Cockman
Mount Ida	Montgomery	702	44	36.2	-7.1	66	15	11	22	9.75	+5.54	2.29	5-6	0.0	13	9	6	16	e.	J. S. Whittington
Mulberry 6 miles n †	Franklin	433	5	......	......	......	......	......	......	4.22	......	1.02	5-6	T.	8	13	1	17	......	H. G Arvin
Nashville	Howard	350	5	42.0	......	65	17§	20	12	10.01	......	3.05	5	0.0	11	13	0	18	e.	Carter Day
Newport	Jackson	231	60	37.0	-5.4	66	20	15	14	8.31	+4.28	2.40	6-7	0.2	14	12	4	15	nw.	W. T. Moyer
Nimrod Dam	Perry	475	2	39.4	......	65	15§	16	14§	8.59	......	1.98	5-6	0 0	12	16	2	13	ne.	U. S Engineers
Oden	Montgomery	800	16	39.4	......	67	19	15	22	11.09	+7.36	2.55	4-5	T.	11	14	1	16	sw.	U. S. Forest Service
Okay	Howard	288	15	41.6	-5 5	68	17	20	14	11.00	+6.21	3.09	4-5	0.0	15	12	2	17	nw.	Charles R. Jackson
Osceola	Mississippi	250	43	......	......	......	......	......	......	8.55	+4.64	2.60	6-7	0.4	12	15	2	14	......	G. M. Serey
Ozark	Franklin	396	48	38.6	-3.4	67	20	17	12§	4.15	+0.77	0.96	6-7	T.	10	13	2	16	e.	Orkney O. Milton
Paragould	Greene	275	20	35.3	......	61	20	13	22	7.16	+2.88	1.66	6-7	0.4	14	12	3	16	ne.	J. E. Garrett
Parkin	Cross	222	13	......	......	......	......	......	......	9.15	+4.08	2.50	24-25	T.	12	10	5	16	......	Carroll King
Perryville	Perry	325	4	38.0	-3.8	68	20	14	14	6.45	+2.47	2.01	25	0.0	10	14	3	14	n.	Lillie Cranford
Pine Bluff	Jefferson	215	56	40.8	-4 4	67	17	20	12	10.89	+5.67	2.00	5-6	0.0	13	13	3	15	nw.	Miss Theresa Scheu
Pine Ridge	Montgomery	840	19	......	......	......	......	......	......	9.50	+5.56	2 60	5-6	T.	10	10	8	13	nw.	J. R. Huddleston
Pocahontas	Randolph	300	50	35.2	-5.2	66	20	11	22	5 01	+1.21	1.37	24-25	T.	9	9	5	17	n.	Benedictine Sisters
Portland	Ashley	122	37	42.8	-4 6	68	17§	19	14	10.37	+4.64	3.25	30-31	0.0	13	14	2	15	n.	Mrs. Pearl E. Newton
Prescott	Nevada	318	55	42.6	-2 8	65	17§	22	12§	9.56	+4.98	3.26	5-6	0.0	14	12	2	17	n.	W. R Hambright
Rogers	Benton	1300	53	34.6	-4.8	61	20	8	12	2.88	+0.45	1.46	4-5	2.2	12	11	2	18	ne	Howard Fowler
Rosebud	Faulkner	680	9	......	......	......	......	......	......	9.25	......	2.52	25	T.	9	11	8	12	se.	G. A. Maddox
Russellville ‡‡	Pope	526	31	38.5	-3.5	62	17§	16	22	6.39	+3.18	1.40	5-6	0.0	11	7	12	12	e.	U. S. Forest Service
St. Charles	Arkansas	175	10	40.0	......	65	21	17	14§	11.58	......	3.25	30-31	0.0	13	14	2	15	e.	U. S. Biological Survey
St. Francis	Clay	290	16	......	......	......	......	......	......	5.22	+1.33	1.58	6-7	0.5	9	14	0	17	......	W. S. Buckley
Searcy	White	245	33	37.5	-5 6	64	20	17	14§	9.22	+4.75	3.20	6-7	0.0	13	14	3	14	ne.	Arthur D. Smith
Sheridan 8 miles n †	Grant	....	3	38.5	......	67	20	13ᵈ	12§	11.84	......	2.85	24-25	0 0	16	12	4	15	ne.	Ark. Forestry Com.
Siloam Springs	Benton	1150	3	36.0	......	62	20	10	12	2.36	......	1.20	4-5	1.1	12	12	5	14	sw.	John Brown University
Story	Montgomery	650	19	......	......	......	......	......	......	9.52	+5.10	2.75	5-6	0.0	7	13	2	16	n.	S. C. Story
Stuttgart	Arkansas	214	56	40 0	-4 1	65	20	19	14	11.01	+6 07	2.98	24	0.0	10	14	2	15	ne.	Geo. L. Clark
Stuttgart 9 miles e ‡‡	Arkansas	198	8	38.8	......	64ᵃ	20	16ᵃ	14	11.15	......	2.18	25	0.0	13	......	......	....	......	University of Arkansas
Subiaco	Logan	750	45	37.8	-5.3	66	20	18	12§	5.13	+1.73	1.41	6-7	T.	9	13	3	15	e.	New Subiaco Abbey

Climatological Data for December, 1944 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	59	42.6	− 4.6	67	17	23	12	9.45	+5.25	3.02	5	T.	14	11	4	16	e.	U S. Weather Bureau
Turnpike†	Pope	2240	19	33.4	......	59	20	5	26	5.01	+0.82	1.39	4−5	1.7	9	14	0	17	se.	U. S. Forest Service
Waldron	Scott	675	24	39.0	......	65	15§	13	22	5.01	+1.47	1.40	5	0.0	7	10	7	14	nw.	William D. Bivens
Warren	Bradley	206	49	43.4	− 2.3	67	17§	20	12§	14.37	+8.74	4.34	30−31	T.	14	12	4	15	nw.	C. N. Turner
Whitecliffs	Little River	290	37	...	......	......	......	......	......	10.82	+6.37	2.00	5−6	0.0	11	13	0	18	.....	L. M. Snead
White Rock†	Franklin	2285	7	34.4	......	60	15	12	12	3.91	......	1.65	4−5	0.5	11	11	5	15	ne.	U. S. Forest Service
Wilson	Mississippi	237	18	34.2	− 8.4	62	20	7	22	9.06	+4.48	....	......	0.0	6	7	1	23	n.	D. O. Anderson
Wynne	Cross	167	35	36.6	− 5.9	65	20	16	1§	9.72	+4.92	2.31	24−25	0.2	14	..	..	..	......	Mrs. Claudia A. Ford
State Means		..	..	38.0	− 4.8	76	20	4	12	7.86	+3.59	6.48	30−31	0.4	11	12	3	16	n.	

Daily Precipitation for December, 1944

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott[2]	Arkansas	....	....	....	....	.62	1.30	.80	.11	....	.21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	....	.38	.10	.28	....	.15	4.35
Alum Fork Reser.	Arkansas	....	....	....	T.	1.12	2.70	1.20	....	....	.14	....	....	....	....	....	....	....	.15	....	....	.02	....	....	.05	1.93	T.	.44	.32	....	....	.90	8.97
Aplin[2]	Arkansas	....	....	....	....	.33	2.50	1.63	T.	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.90	....	.17	.45	.82	....	.66	8.56
Arkadelphia[2]	Ouachita	....	....	....	....	.03	3.30	.90	.02	....	.20	....	....	....	....	....	....	....	.60	....	....	....	T.	....	.20	1.40	.29	1.47	.45	1.00	.04	.48	10.38
Arkansas City[2]	Mississippi	....	....	....	....	....	1.25	.75	.03	....	30	.06	....	....	....	....	....	....	.60	....	....	.07	....	....	....	1.72	.19	1.57	.20	.38	....	3.42	10.54
Augusta[2]	White	....	....	....	....	....	1.50	2.75	T.	....	.37	T.	....	....	....	....	....	....	.28	....	....	....	.01	....	T.	1.82	10	.68	T.	.92	.05	1.05	9.53
Batesville Air'y[1]	White	....	....	....	....	.82	2.36	.51	....	....	.24	....	....	....	....	....	....	.10	T	....	....	T.	....	....	.27	1.46	T.	.32	.35	....	....	.48	6.91
Batesville Livestk[2]	White	....	....	....	....	.12	1.56	1.89	.10	....	.14	....	....	....	....	....	....	....	.17	....	....	T.	....	....	....	1.20	....	.32	....	.33	....	26	6.09
Batesville River[2]	White	....	....	....	....	.05	1.27	2.24	.10	....	.12	T.	T.	....	....	....	....	....	.09	....	....	....	T.	....	....	1.55	.14	.44	T.	.41	....	.20	6.61
Beaty Lake	St. Francis	....	....	....	....	T.	2.28	1.22	....	....	.45	T.	....	T.	....	....	....	....	.67	....	....	.03	....	....	.04	2.50	T.	.85	.61	.69	.19	1.56	11.09
Beaver[2]	White	....	....	....	....	1.18	.16	.20	.06	....	.25	....	....	....	....	....	....	....	....	....	....	....	.03	....	....	.09	....	.52	....	.02	....	....	2.51
Bee Branch	Arkansas	....	....	....	....	1.50	.80	1.10	....	....	....	T.	....	....	....	....	....	....	.16	....	....	T.	....	....	....	1.46	....	.40	.25	.30	.19	.65	6.81
Beech Grove	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Beedeville[2]	White	....	....	....	....	....	1.34	2.63	.02	.45	....	....	T.	....	....	....	....	....	.37	....	....	....	.03	....	....	1.95	.14	.38	.33	.84	....	.72	9.20
Benton[2]	Saline	....	....	....	....	.03	3.70	1.62	.02	....	.29	....	....	....	....	....	....	....	.75	....	....	....	.04	....	....	1.80	.07	.73	.12	.31	.13	.61	10.22
Bentonville[2]	Arkansas	....	....	T.	T.	1.53	.06	.16	....	....	.22	....	....	....	....	....	....	....	....	....	....	....	.01	....	....	.03	.05	.38	T.	....	....	....	2.44
Bethesda[2]	White	....	....	....	....	.12	1.44	1.74	.10	....	.14	....	....	....	....	....	....	....	.25	....	....	....	T.	....	....	1.32	....	.32	....	.30	T.	.30	6.03
Big Flat[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	.67	.05	.03	.03	.60	....	.15	....
Big Lake Outlet[2]	St. Francis	....	....	....	....	....	.60	2.70	.12	....	.28	.09	T.	T.	T.	....	....	....	.45	....	....	....	.04	....	T.	3.16	.14	.51	.20	.66	....	.60	9.55
Black Rock[2]	White	....	....	....	....	.04	.70	1.70	.14	....	.14	....	....	....	....	....	....	....	T.	....	....	....	T.	....	....	1.53	.18	.19	....	.15	....	.31	5.08
Bluff City	Ouachita	....	....	....	....	1.44	1.63	.80	....	....	.18	....	....	....	....	....	....	....	.52	....	....	....	....	....	.51	.72	.04	2.27	1.10	....	.10	1.01	10.32
Blytheville[2]	St Francis	....	....	....	....	.57	2.61	....	....	....	.32	.20	T.	....	.37	....	....	....	....	....	....	T.	....	....	....	2.96	.13	....	.02	.12	....	1.59	8.89
Booneville 3 mi- w	Arkansas	....	....	....	....	1.18	.67	1.09	....	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	.69	....	.29	.43	.05	....	.18	4.76
Booneville[2]	Arkansas	....	....	....	....	.69	.98	.99	.18	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.82	.02	.10	.37	.36	....	.20	4.81
Boughton[2]	Ouachita	....	....	....	....	.42	3.40	.90	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	....	1.68	....	2.00	.40	.75	....	.50	10.65
Brinkley[1]	White	....	....	....	....	1.00	2.61	.15	....	....	.37	T.	....	....	....	....	....	.73	.06	....	....	.02	....	.01	.99	1.92	.49	.38	1.27	.07	.11	1.75	11.93
Burdette	Mississippi	....	....	....	....	....	1.22	2.60	....	....	.54	T.	....	....	....	....	....	....	.34	....	....	T.	....	....	....	2.99	....	.69	30	.17	.04	1.74	10.63
Calico Rock[2]	White	....	....	....	....	.18	1.96	1.02	.26	....	.22	T.	....	....	....	....	....	....	....	....	....	....	.02	....	....	.70	.03	.39	....	.16	....	.10	5.04
Camden[2]	Ouachita	....	....	....	....	.06	3.36	.96	.03	....	.28	....	....	....	....	....	....	....	.60	....	....	....	....	....	.06	1.30	.30	2.25	.40	1.01	.06	1.12	11.79
Camp Chaffee[2]	Arkansas	....	....	....	T	.58	1.28	.80	.05	....	.14	.01	T.	....	....	....	....	....	....	....	....	....	....	....	T.	.76	T.	.38	.04	.26	T.	.15	4.45
Camp Robinson[1]	Arkansas	....	....	....	....	1.10	1.80	.60	....	....	.35	....	....	....	....	....	....	.25	T.	....	....	T.	....	T.	.31	T.	1.50	.60	1.00	.10	T.	.81	8.42
Carlisle[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clarendon[2]	White	....	....	....	....	....	1.62	1.35	....	....	.32	.06	....	....	....	....	....	....	.58	....	....	....	.05	....	.01	2.25	.74	1.16	.18	.79	.02	.87	10.00
Cold Springs[2]	Ouachita	....	....	....	....	.52	1.65	1.70	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.77	....	.11	.20	.45	....	.40	6.00
Conway	Arkansas	....	....	....	....	.63	2.08	1.14	....	....	.12	....	....	....	....	....	....	....	.17	....	....	T.	....	....	.04	2.54	....	.51	.91	.13	....	.71	8.98
Corning[2]	White	....	....	....	....	.08	.97	1.20	....	.37	....	T.	....	....	....	....	....	....	....	....	....	....	.06	....	....	1.15	.10	.37	15	.06	.35	T.	4.86
Cotter[2]	White	....	....	....	....	.34	.96	1.42	.38	....	20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.22	....	.43	....	.18	4.13
Crossett	Ouachita	....	....	....	....	....	1.02	.70	....	....	.35	....	....	....	....	....	....	....	.64	....	....	.07	....	....	1.04	.20	.32	1.19	.25	.20	.05	6.48	12.51
Crystal Valley[2]	Arkansas	....	....	....	....	*	3.30	1.30	....	....	.37	....	....	....	....	....	....	....	.44	....	....	T.	....	....	.07	1.67	.03	.40	1.34	.14	*	.88	9.94
Cummins Farm	Arkansas	....	....	....	....	.20	1.60	..	....	....	.20	T.	....	....	....	....	....	....	.60	....	....	T.	T.	T.	.60	1.20	10	2.10	.50	.30	.20	2.45	10.05
Danville[2]	Arkansas	....	....	....	....	.54	1.56	1.52	.20	....	10	T.	....	....	....	....	....	....	.09	....	....	....	T.	....	.45	.53	.05	.39	....	.79	....	.10	6.32
Dardanelle[2]	Arkansas	....	....	....	....	.38	1.75	1.18	.17	....	.24	....	....	....	....	....	....	....	.16	....	....	....	....	....	....	1.24	....	.43	.05	.55	....	.22	6.97
Denmark[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
De Queen	Red	....	....	....	.16	2.97	.51	1.05	.15	....	....	....	....	....	....	....	....	....	.09	....	....	T.	....	....	1.10	1.90	.14	.57	1.01	....	T	.71	10.36
Dermott[2]	Mississippi	....	....	....	....	....	1.13	1.18	....	....	.28	T.	....	....	....	....	....	....	.53	....	....	....	....	.05	.10	1.29	.19	1.25	.47	.36	.05	3.40	10.28
Des Arc[2]	White	....	....	....	....	T.	2.26	1.54	.02	....	.43	....	....	....	....	....	....	....	.32	....	....	....	T	....	....	1.59	.33	.40	.38	1.10	....	.63	9.00
Devils Knob	Arkansas	....	....	....	.02	1.25	.45	.98	.01	.10	.17	T.	T.	....	....	....	....	....	....	....	....	....	....	....	.70	.12	T.	.23	.20	.02	.01	....	4.26
Dumas	Mississippi	....	....	....	....	.08	1.70	.79	....	....	.22	....	....	....	....	....	....	....	.74	....	....	.09	....	....	.81	.33	22	1.03	.41	.33	.17	4.10	11.02
Eagle Gap[2]	Arkansas	....	....	....	.01	.83	2.05	.85	.20	....	.40	T.	....	T.	....	....	....	....	....	T	....	....	....	....	....	1.30	T.	.36	.24	.27	T.	.18	6.69
El Dorado[2]	Ouachita	....	....	....	....	....	3.17	.46	.01	....	.32	....	....	....	....	....	....	....	.72	....	....	....	....	....	....	1.04	.15	1.97	.39	.48	.06	2.87	11.64
Eleven Point[2]	White	....	....	....	....	....	1.10	1.29	.14	....	....	....	....	....	....	....	....	....	....	....	....	....	.02	....	....	.82	.03	.62	....	.08	.06	.19	4.35
England	Arkansas	....	....	....	....	....	2.55	1.20	....	....	.37	....	....	....	....	....	....	....	.58	....	....	T.	....	....	.15	3.07	T	1.05	1.00	.36	.05	1.40	11.78
Eureka Springs	White	....	....	....	.05	1.40	.10	.33	....	.03	.25	.03	....	....	....	....	....	....	....	....	....	.10	....	....	.03	.10	T.	.62	....	....	....	....	3.04
Evening Shade[2]	White	....	....	....	....	.02	.99	1.28	.11	....	.22	....	T	....	....	....	....	....	....	....	....	....	.02	....	....	1.09	.03	.43	.02	.15	....	....	4.36
Fayetteville	White	....	....	....	.27	1.47	.07	.14	....	.12	.22	T.	T.	....	....	....	....	....	....	....	....	.03	....	....	.02	.12	T.	.39	.07	.01	....	T.	2.93
Fayetteville Exp. S	White	....	....	....	.18	1.56	.07	11	....	.10	.17	T.	T.	T.	....	....	....	....	....	....	....	.02	....	....	.12	T	T.	.29	.08	.02	....	....	2.72
Fordyce	Arkansas	....	....	....	....	*	*	4.00	....	....	.37	....	....	....	....	....	....	....	.60	....	....	.05	....	....	....	1.40	.30	2.03	.40	.30	.15	2.55	12.15
Forester[2]	Arkansas	....	....	....	....	.30	3.22	1.51	.07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.15	.21	....	.15	.71	....	.39	7.71
Fort Smith[1]‡	Arkansas	....	....	T.	.19	1.53	.80	.44	....	.18	T	T.	....	....	....	....	....	....	....	....	....	....	....	....	T.	.46	.11	.31	.24	.01	T.	.09	4.36
Fort Smith W.[1]	Arkansas	....	....	....	T.	.74	.92	.82	.04	T.	.15	T	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	....	.28	....	.17	....	.04	3.36
Fulton[2]	Red	....	....	....	T.	.96	2.25	.86	T.	....	.15	....	....	....	....	....	....	....	.33	....	....	....	....	....	T.	.97	.12	2.33	.48	.62	.08	.28	9.43
Garland[2]	Red	....	....	....	....	.61	2.49	.62	T.	....	.10	....	....	....	....	....	....	....	.51	....	....	....	....	....	....	.73	.18	3 23	63	.94	T.	.68	10.72
Georgetown[2]	White	....	....	....	....	....	2.00	2.20	....	....	.40	....	....	....	....	....	....	....	.03	....	....	....	....	....	....	.01	....	.30	....	1.20	....	.80	6.94
Gilbert[2]	White	....	....	....	....	....	1.27	1.46	.22	....	.30	T	....	....	....	....	....	....	....	....	....	....	....	....	....	.65	....	.27	....	.08	....	.10	4.35
Glenwood[2]	Ouachita	....	....	....	....	.73	4.25	1.43	....	....	....	....	....	....	....	....	....	....	.64	....	....	....	....	....	....	2.75	....	.43	.53	.68	....	.37	11.81
Grannis	Red	....	....	....	.13	2.06	.67	1.04	....	....	.15	....	....	....	....	....	....	....	.03	....	....	.02	....	T.	.21	1.54	.21	.43	.84	.03	.05	.76	8.17
Gravelly[2]	Arkansas	....	....	....	....	.36	2.46	1.22	T.	....	.19	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	1.70	....	.38	.13	.49	....	.34	7.27
Gravette	Arkansas	....	....	....	....	1.30	*	.13	....	.23	T.	....	....	....	....	....	....	....	....	....	T.	....	....	....	.26	....	....	....	T.	....	.44	....	2.36
Green Forest	White	....	....	....	.02	1.13	.10	.64	....	....	....	.10	....	....	....	....	....	....	....	....	....	.20	....	....	....	.22	....	.40	....	T.	....	....	2.81
Green Mountain	White	....	....	....	....	.80	1.55	1.40	....	....	T.	....	....	....	....	....	....	....	....	....	....	T.	....	....	.20	.70	....	....	.40	.30	....	.20	5.55
Greenwood[2]	Arkansas	....	....	....	....	.60	1.20	.70	.06	....	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.55	....	.18	.24	.30	....	.07	4.05
Harrisburg[2]	St. Francis	....	....	....	....	....	*	*	3.85	....	.25	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	2.75	.26	.60	.25	....	....	1.40	9.76
Harrison	White	....	....	....	T.	.87	.29	.83	....	....	.05	T.	....	....	....	....	....	....	....	....	....	T.	....	....	....	.05	T	.12	.18	T.	.28	....	2.67
Heber Springs[2]	White	....	....	....	....	.35	1.43	1.75	.08	....	.12	....	....	....	....	....	....	....	....	....	....	....	.05	....	....	2.10	.75	.45	.50	....	T.	T.	7.58
Helena[2]	Mississippi	....	....	....	....	....	1.16	1.39	.01	....	.12	.22	....	....	....	....	....	....	.78	....	....	.01	.02	....	.01	.89	1.14	1.27	.26	1.12	.08	2 85	11.33
Henderson[2]	White	....	....	....	....	.65	.95	.92	.43	....	.14	T.	....	....	T.	....	....	....	....	....	....	T.	....	....	....	.47	....	....	T.	.45	....	.15	4.16
Highland	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hollis	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hope[2]	Red	....	....	....	....	.77	2.96	.92	....	....	.18	....	....	....	....	....	....	....	.42	....	....	....	T	....	T.	.66	.20	2.21	.47	.72	.08	.47	10.06
Hot Springs	Ouachita	....	....	....	....	1.63	3.10	.94	....	....	.19	....	....	....	....	....	....	....	.39	....	....	.03	....	T.	.07	2.09	T	.57	1.04	.12	....	.66	10.83
Huttig[2]	Ouachita	....	....	....	....	....	1.42	.63	.05	....	.31	....	....	....	....	....	....	....	.47	....	....	....	.05	T.	.10	.73	.48	1.10	.34	.32	.04	4.06	10.10
Index[2]	Red	....	....	....	....	1.60	2.00	.80	.05	....	....	....	....	....	....	....	....	....	.19	....	....	....	....	....	.40	.90	.60	1.30	.60	.60	.30	.30	9.64

Daily Precipitation for December, 1944 Continued

Stations	Drainage basin	Day of Month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jessieville	Ouachita					.25	.04	1.75	.05										.39					.06		2.45	T.	.60	.80	.40	.10	.45	7.34
Jonesboro[2]	White						.69	2.63	.11		.43	.04	.01		.01				.32				.05			2.04	.25	.55	.01	.45		.55	8.14
LaCrosse[2]	White					.25	1.14	1.45	.12													T				1.35			.51	.15		.18	5.15
Lake City[2]	St. Francis						.68	*	1.60		.72	T.								.15			.05		.89	1.50		.23		.29		.98	7.09
Lead Hill	White					.77	.47	1.05			.07	T.										.02			.01	T.		.12	T	T			2.51
Little Rock[1‡]	Arkansas				T.	1.12	1.69	.38		T.	.37							.42	T.			T.		T.	38	1.56	.28	.27	1.08	T.	T.	.78	8.33
Lutherville	Arkansas					1.20	1.10	1.40			.20											T.			.30	.70		1.00	.51	.03		.20	6.64
Madison[2]	St. Francis						1.10	1.70	.10		.40								.10							2.40	.70	.95	.05	1.25	.05	1.25	10.05
Magnolia	Red					1.80	1.33	.40			.27								.88						1.59	.25	.38	2.60	1.08	.10	.18	2.46	13.32
Mammoth Spg[2]	White					.10	.71	.91	.53		.40	T.		T.												.33	.40	.55		T	T.	T.	3.93
Marianna[2]	St. Francis						*	3.05			.52	T.							.65			T				2.35	*	*	2.37		2.30		11.24
Marked Tree[2]	St. Francis						.91	2.10	.12		.26	.11							.51				.05			2.00	.30	.70	.06	.97		.60	8.69
Marshall	White					.89	1.74	1.26				T.													.70	T.	.40		.20	T.	.10		5.29
Marvell[2]	White																																
Mena[2]	Ouachita					.77	2.27	.82	.14		.31	T.							T.						T.	2.18	T	.39	.22	.46	.01	.25	7.82
Monticello[1‡]	Ouachita					1.27	1.51	.18			T.								.84			.16		T.	1.84	.23	1.36	1.06	.40	.07	1.22	3.29	13.45
Morobay[2]	Ouachita						2.50	.49			.32								72				.04		.05	.94	.38	1.84	.41	.34	.06	2.81	10.90
Morrilton[2]	Arkansas					.45	1.95	1.30	.10		T.	T.							.15							1.89	T.		.15	.70		.55	7.24
Mountainburg	Arkansas			T.	.05	1.49	.34	.29			.42														T.	.22	T.	.42	.22	.05	T.	.03	3.53
Mountain Home	White					.70	.75	1.35			.20	T.										T.			.12	.32		.50	.10			.10	3.94
Mountain Valley	Ouachita																																
Mountain View[2]	White																		.04				T.			.76	T.	.35		.26		.09	
Mount Ida	Ouachita				.05	2.20	2.29	1.33			.18								.12			.04			.30	.90	.34	.52	.81			.67	9.75
Mulberry[2]	Arkansas					.82	1.02	.90			.10	T.														.51		.25		.41		.21	4.22
Nashville	Red				T.	3.05	1.03	.90											.72			T.			.58	.93	.13	.80	1.17		.06	.64	10.01
Newhope[2]	Ouachita					2.15	.40	1.60											.12					1.11					T.		T.		5.38
Newport[2]	White					.02	1.00	2.40	.20		.40		T.						.20				.10		.02	2.15	.30	.55	.03	.52		.42	8.31
Nimrod Dam	Arkansas					1.08	1.93	1.30	.24		.08								.04						.04	1.80		.50	.76	.05		.72	8.59
Odell[2]	Arkansas				.04	.90	.26	.16			.30												T.					.39		.24			2.29
Oden	Ouachita				.05	2.55	2.45	1.08		T.	T.							.35				.05			T.	2.52	T.	.47	.78	.04	T.	.75	11.09
Okay	Red				.06	3.09	.83	1.02			17								.58			T.		.19	.30	1.33	.06	1.39	1.20	.18	35	.25	11.00
Osceola[2]	Mississippi						.40	2.60	T.		.38	.10							.33				.04	T.	T.	2.35	.03	.55	.16	.76	T.	.85	8.55
Ozark[3]	Arkansas					.53	.86	.96	.16		.11															.92	.02	.12		.38		.09	4.15
Paragould	St. Francis					.02	1.32	1.66	.08		.43	T		T.					.17			.05			.04	1.59		.54	.29	.05	.01	.91	7.16
Parkin[2]	St. Francis						.90	2.25			.32	.07							.58							2.10	.40	.43	.22	1.10	.10	.68	9.15
Perryville	Arkansas					.75	.25	1.01	.38										.02							2.01		.20	.52	.68		.63	6.45
Pine Bluff[2]	Arkansas						2.00	1.50	.01		.41								.99				T.		.03	1.63	.43	1.38	.29	.93	.03	1.26	10.89
Pine Ridge[2]	Ouachita					1.78	2.69	.88	.05		T.															2.45		.46	.12	.53	.04	.59	9.50
Pocahontas	White					.25	.88	1.19			.28											T.			.18	1.37		.47	.06			.23	5.01
Portland[2]	Ouachita						1.00	1.10	.10		.42								.75				.10			1.20	.30	1.25	.40	.40	.10	3.25	10.37
Prescott[2]	Ouachita					.36	3.26	.87	.01		.16								.50				T.		.09	.68	.12	1.98	.32	.72	.05	.44	9.56
Ratcliff[2]	Arkansas				.05	1.30	1.67	1.16			.12														.04	.58		.28	.25				5.45
Red Star	White					*	1.27	.72		.11	T.	T										T.			.03	.24		.53	.25			.25	3.40
Rogers	White			T.	.20	1.46	.03	.17		.22	.14	T.										.08			.06	.10	.10	.21	.11	T.		T.	2.88
Rosebud	Arkansas					.82	1.65	1.03			.26								.16							2.52		.53	1.66			.62	9.25
Russellville	Arkansas					1.11	1.40	1.30			.25								.10						.35	.72		.40	.37	.11		.28	6.39
St. Charles	White					T.	1.90	.70			.36								.65			.06		.02	.37	1.46		1.47	.83	.41	.10	3.25	11.58
St. Francis[2]	St. Francis						.42	1.58	.20		T.	.40											.20			1.19	.35	.28				.60	5.22
Searcy[2]	White					.02	1.48	3.20	.14										.27						.03	1.93	.27	.44	.05	.62	.02	.75	9.22
Sheridan	Ouachita				.02	.70	1.97	1.40			.35								.70			.08		.06	.29	2.85	.06	.95	1.05	.19	.11	1.06	11.84
Shirley[2]	White					.15	1.70	1.50			.35								T			T.				1.28		.40		.48		.22	6.08
Siloam Springs	White			T.	.10	1.20	.01	.11		.30	.23	T.										.01			01	.01	T.	.27	.08	.03	T.		2.36
Sparkman	Ouachita					*	3.24	1.16			.27								.58			.02			*	1.81		1.83		1.08		1.54	11.53
Stamps	Red				T.	1.80	1.44	.45			.30								.55			.03			1.17	.30	.40	2.70	1.34	T.	.17	1.18	11.83
Stephens[2]	Ouachita																																
Steve[2]	Arkansas																																
Story[2]	Ouachita					.81	2.75	1.00											.12						2.17			T.	2.17		.50		9.52
Stuttgart[2]	Arkansas						2.00	1.28			.04	T.							68							2.98		1.98	.95	*	*	1.10	11.01
Stuttgart Evap	Arkansas					.24	1.76	.84			.42								.72					.02	.08	2.18		1.44	.85	.55	.08	1.97	11.15
Subiaco	Arkansas				T.	.50	1.03	1.41	.37		.13															.68		.35		.37		.29	5.13
Sugar Grove[2]	Arkansas					. 1	1.04	1.46	.11		.16															.85		34	.17	.10		.30	4.84
Texarkana[1‡]	Red				.02	3.02	.35	37		.07	.06	T.						.40				T			.80	.22	1.88	.49	1.06	T.	.14	.57	9.45
Tichnor[2]	White						1.50	1.17			.30								.73							1.02	.80	1.24	.61	.68	.16	1.98	10.39
Turnpike	Arkansas				T.	1.39	1.11	.86			.18	T.													.03	.78		.25	.22	T.		.19	5.01
Viola[2]	White						1.94	.99																		.48	35			.05		.24	4.05
Waldron[2]	Arkansas					1.40	.87	1.08			T															.63	T.	.34	.57			.12	5.01
Walnut Grove	White					.35	2.10	1.25			.24	T.							.14			.10			32	1.64		T.	.34	T.		.55	7.03
Warren	Ouachita					.59	1.93	1.16			.30			T.					.88			.07		T	1.41	.41	.24	2.05	.45	.30	.24	4.34	14.37
Whitecliffs[2]	Red				T.	1.65	2.00	1.10											.95			T				.95	.85	1.20	.60	.97	.20	.35	10.82
White Rock	Arkansas				T.	1.65	.33	.60		.10	.09	.06	T.									T.				25		.52	.15	.04		.12	3.91
Wilson[2]	Mississippi						*	3.05				.53							.73							2.70						2.05	9.06
Wynne[2]	St. Francis						1.35	2.10	.08		.42								.56				.03	.03	.04	2.31		.35	.40	1.00	.05	1.00	9.72

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for December, 1944

(See precipitation data in table on preceding page)

Station	Date	Day of month																														Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bethesda §§	Evap.																																
	Mean tem.	31	26	28	34	36	38	42	42	40	30	27	27	30	26	37	38	43	35	37	40	34	23	23	34	38	37	28	30	32	36	38	42 3
	Wind move	77	55	34	61	95	67	138	131	36	112	195	188	54	123	112	111	41	126	44	115	193	58	49	55	53	113	105	49	44	62	87	2783
Hope, §§ Exp. Farm	Evap.	.055	.064	.041	.051	.051	.098	.104	.078	.047	.101	.036	*		.092	.155	.183	.056	.080	.060	.067	.074	.029	.022	012	.009	.058		.028	.051	.005	.022	1.729
	Mean tem.	36	40	38	40	40	42	46	47	46	46	33	32	33	36	36	42	47	46	39	46	46	40	35	40	50	48	35	37	35	42	44	40.4
	Wind move	40	30	34	21	35	78	60	64	3	65	52	88	75	35	15	43	17	45	50	20	55	65	19	31	73	37	55	41	42	12	25	1325
Nimrod Dam	Evap.																																
	Mean tem.	38	33	38	42	40	40	44	46	40	43	28	35	36	38	47	43	44	48	40	49	42	30	34	35	46	36	32	34	34	42	44	49.6
	Wind move	49	9	5	5	3	7	4	7	23	110	126	150	73	30	22	17	17	33	18	38	8	6	7	5	7	6	5	15	3	10	9	826
Russellville	Evap.	.044	.040	.048	.062	.034			.040	.040	.046	.092	.050	.020	.030	.030	.022	.014	.014	.036	.046	.044	.030	.012	.014	.010	.046	.004		.024	.018	.006	0.946
	Mean tem.	38	28	36	42	42	42	46	44	44	32	28	38	36	33	42	39	42	45	38	46	47	28	31	34	44	34	54	36	35	41	44	38.5
	Wind move	10	22	32	34	25	26	35	29	13	71	98	52	49	22	17	31	7	41	7	17	44	13	5	3	16	51	21	14	10	13	12	840
Stuttgart, §§ Rice Exp. Farm	Evap.	.043	.057	.011	.031	.039	.100	.055	.024	.042	.073	.060	.001	.059	.043	.014	.017	.017	.029	.019	.135			012	*	.006			.162				1.049
	Mean Tem.	34	30	64	40	41	42	45	40	44	42	30	28	34	28	42	38	41	44	38	47		30	34	42	53	37	46	38	34	40	44	38.8
	Wind move	26	52	39	57	85	90	50	45	14	87	192	125	*	*	189	24	29	80	23	34	*	172	28	6	68	110	40	33	85	39	52	1874

Daily Temperatures for December, 1944

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	45	42	47	44	44	42	48	58	57	53	51	39	42	46	62	60	62	63	59	63	60	41	41	43	57	45	36	36	34	44	47	48.7
	Minimum	23	19	22	32	34	35	38	33	29	27	21	17	25	15	26	27	22	30	23	31	30	15	34	33	40	24	25	29	29	31	41	27.7
Arkadelphia §§	Maximum	50	48	50	50	50	44	52	60	50	35	42	48	50	48	62	57	67	51	61	68	50	48	50	60	60	40	40	38	41	50	51	50.7
	Minimum	26	28	25	22	37	39	39	32	30	30	27	18	20	20	19	22	20	28	24	19	30	20	20	30	34	32	30	22	33	25	39	27.1
Batesville Air. ***	Maximum	44	38	42	46	43	43	45	56	50	41	35	39	40	43	60	48	61	42	52	65	46	36	34	40	47	32	36	34	35	46	44	44.0
	Minimum	21	17	17	31	37	38	38	30	32	26	24	19	20	16	29	27	24	25	22	37	19	13	22	42	30	22	27	29	28	33	32	26.7
Batesville, Livestk §§	Maximum	43	40	41	46	38	42	44	57	51	33	33	38	38	42	60	47	61	41	52	65	35	37	35	46	43	34	34	31	35	45	41	42.8
	Minimum	18	11	12	23	33	35	37	28	29	30	23	16	22	11	16	28	25	30	21	26	35	9	10	23	33	21	21	29	28	28	35	24.1
Bee Branch	Maximum	47	46	47	45	46	44	45	51	51	51	32	39	42	43	59	57	59	56	55	65	58	39	35	40	50	40	36	35	33	42	43	46.2
	Minimum	25	19	24	30	38	37	40	30	32	29	22	16	26	12	20	28	20	30	23	22	30	13	19	32	38	22	26	30	29	32	39	26.9
Benton §§	Maximum	45	43	48	46	43	44	50	57	58	34	36	44	47	45	59	53	63	60	57	63	39	29	40	49	60	34	38	34	34	47	45	46.6
	Minimum	22	20	19	21	36	37	40	28	26	26	23	15	18	14	11	21	12	19	19	19	30	12	14	24	25	28	28	31	31	29	31	23.5
Bentonville §§	Maximum	42	48	55	47	45	39	45	56	44	28	25	36	37	49	55	44	57	39	52	63	32	46	40	44	36	33	32	32	37	45	39	42.6
	Minimum	16	17	20	34	38	35	35	25	38	22	17	9	23	16	29	24	23	20	18	40	29	13	24	26	32	20	26	27	28	31	36	25.5
Bethesda §§	Maximum	42	39	42	46	38	42	46	56	51	30	32	38	38	42	58	47	60	42	52	56	35	36	35	46	43	34	35	31	35	44	41	42.3
	Minimum	20	14	15	22	34	35	37	28	30	29	22	16	22	11	16	28	26	28	22	23	34	10	11	22	32	20	22	28	28	28	34	24.1
Bluff City	Maximum	45	46	50	49	49	45	51	60	62	56	37	45	50	47	62	59	65	65	62	63	63	45	45	51	64	59	40	39	39	51	51	52.1
	Minimum	30	30	27	38	39	40	40	33	32	32	27	20	30	20	32	30	30	37	30	42	35	23	23	41	49	31	31	34	33	37	45	32.9
Blytheville	Maximum	36	38	45	48	52	49	47	49	48	46	33	36	38	36	54	45	55	45	44	64	48	38	36	44	58	45	34	35	35	48	47	44.4
	Minimum	17	14	17	30	37	36	30	31	30	33	27	25	23	15	29	27	25	31	24	28	..	..	22	33	34	22	30	30	29	32	38	27.6
Booneville	Maximum	50	45	52	46	43	44	51	63	60	56	30	43	45	57	65	54	66	60	59	69	61	45	45	44	47	38	36	36	39	54	48	50.0
	Minimum	27	26	30	40	36	37	40	28	32	27	22	15	26	15	23	27	18	28	18	35	34	16	27	34	38	27	28	32	31	36	40	28.8
Brinkley ***	Maximum	43	41	46	47	48	44	50	55	60	50	38	39	44	39	58	51	60	46	54	63	45	40	37	59	60	36	36	35	36	47	47	46.9
	Minimum	21	18	17	32	40	40	40	30	32	30	25	21	23	15	28	23	22	26	27	37	24	17	21	36	33	28	32	32	23	36	35	28.2
Camden	Maximum	49	49	51	50	50	46	50	60	61	63	51	46	52	50	64	54	67	66	62	65	65	65	46	54	65	61	61	60	39	49	52	55.6
	Minimum	36	29	32	36	39	41	40	29	29	32	28	20	30	22	34	36	33	37	35	30	30	21	27	40	50	30	30	34	34	38	43	33.1
Camp Robinson ***	Maximum	..	..	..	44	42	45	48	56	57	57	44	39	45	44	61	51	63	49	56	65	48	41	37	45	58	33	37	39	41	46	60	48.2
	Minimum	..	..	..	40	28	38	42	31	31	36	24	21	27	18	19	20	22	22	22	37	27	19	25	36	36	24	29	30	32	36	36	28.9
Conway	Maximum	49	44	52	47	46	45	47	57	60	52	37	40	47	46	66	58	65	57	58	67	58	40	38	42	51	42	38	38	38	46	50	49 1
	Minimum	27	20	23	34	38	39	43	31	31	31	24	19	25	17	25	27	21	34	24	32	34	18	34	35	41	27	29	32	32	35	42	29.8
Corning	Maximum	38	41	46	49	46	43	46	54	46	42	36	38	37	40	59	59	61	51	57	65	60	39	39	40	40	45	34	36	35	44	45	45.5
	Minimum	18	14	17	29	36	35	41	28	29	32	26	22	24	14	27	25	22	29	22	29	25	12	18	31	31	18	26	28	28	31	25	25.5
Crossett	Maximum	50	47	51	52	51	55	49	58	63	51	42	45	54	48	64	60	69	59	62	66	65	48	47	59	68	60	40	40	42	59	62	54.4
	Minimum	35	26	20	33	42	45	42	31	27	33	25	15	21	15	23	24	20	38	23	29	34	28	28	43	54	32	33	35	35	40	46	31.5
Dardanelle	Maximum	46	45	47	45	45	45	52	54	57	54	33	41	45	47	64	61	59	59	53	68	64	40	39	40	48	44	38	38	38	47	47	48.5
	Minimum	29	23	27	38	37	39	41	31	30	31	23	18	26	18	23	28	21	36	23	32	34	19	26	29	39	27	28	32	31	35	41	29.5
De Queen	Maximum	50	46	47	45	47	45	52	61	61	57	38	47	57	50	59	57	61	56	61	64	60	44	43	49	60	49	41	41	39	46	49	51.0
	Minimum	30	33	30	36	40	41	40	30	32	28	24	18	24	19	22	25	21	31	21	26	36	20	29	40	48	32	32	34	33	36	40	30.7
Des Arc	Maximum	39	41	47	47	47	43	45	55	62	56	35	36	43	42	59	58	61	52	54	64	64	39	40	43	59	52	35	34	35	45	45	47.6
	Minimum	23	18	18	33	40	38	41	28	31	31	24	28	23	15	26	29	23	31	26	24	32	15	23	33	40	25	26	30	30	33	40	28.6
Devils Knob	Maximum	43	40	44	40	42	38	38	54	46	26	21	33	33	41	55	45	52	49	51	57	51	37	42	40	39	51	31	29	32	41	44	41.5
	Minimum	20	21	23	33	32	33	34	29	23	20	14	10	22	16	33	23	30	20	26	39	24	15	24	29	22	16	24	25	26	29	29	24.6
Dumas	Maximum	46	46	48	50	52	49	51	55	60	50	42	45	50	46	65	64	65	56	57	67	53	43	46	59	66	53	40	40	41	50	57	52.0
	Minimum	26	21	20	34	40	41	43	33	29	33	25	21	26	18	25	26	28	35	26	33	33	22	26	40	48	30	33	34	34	39	43	31.1
El Dorado	Maximum	46	48	47	50	49	47	47	56	58	55	43	42	48	46	58	59	68	68	68	65	53	45	46	59	58	50	38	39	42	59	49	51.8
	Minimum	29	28	27	39	44	43	41	34	33	33	28	19	30	22	30	32	28	40	30	35	35	23	32	43	45	32	33	35	35	35	39	33.3
England	Maximum	42	40	50	45	48	46	47	48	60	54	34	40	45	44	60	55	65	60	56	65	45	45	45	47	60	48	38	37	39	46	47	48.4
	Minimum	26	23	22	31	30	32	32	40	36	29	24	18	26	18	25	32	25	32	25	35	30	18	23	34	42	27	30	30	29	30	34	28.6
Eureka Springs	Maximum	39	45	54	52	43	38	40	52	48	43	29	35	35	46	54	45	56	54	51	61	56	47	42	44	44	29	31	30	35	45	45	44.1
	Minimum	15	16	26	37	35	35	37	26	37	21	17	10	24	15	36	24	34	19	28	43	23	12	25	25	27	18	25	27	28	30	31	26.0
Fayetteville	Maximum	43	46	52	45	46	41	43	54	51	48	25	35	36	46	55	45	57	43	55	61	53	45	40	46	46	35	33	33	36	47	45	44.7
	Minimum	19	19	34	36	39	37	37	27	32	22	17	12	24	16	34	25	31	20	28	43	25	15	28	28	28	20	28	29	30	32	29	27.2
Fayetteville Exp. S	Maximum	47	46	53	47	44	41	43	58	53	51	27	36	35	49	55	53	57	46	57	61	56	47	41	46	46	36	33	32	36	47	44	45.9
	Minimum	15	17	30	35	38	35	36	24	31	21	16	8	21	14	31	21	28	18	29	41	24	13	24	28	21	18	26	27	30	30	30	25.2
Fordyce	Maximum	46	45	50	49	49	46	48	56	59	55	38	42	53	45	61	57	64	58	60	65	57	43	56	56	62	59	58	58	48	50	52	53.1
	Minimum	28	25	24	36	40	40	43	32	35	32	26	17	28	21	30	32	31	35	28	40	33	21	29	49	54	30	30	30	33	37	44	32.7
Fort Smith ***	Maximum	49	43	47	43	42	46	50	56	57	32	29	39	43	49	58	47	58	40	54	66	48	41	41	43	46	37	36	35	41	50	45	45.5
	Minimum	32	29	33	38	38	41	39	31	32	29	22	19	28	23	29	30	26	28	25	35	27	22	31	35	34	29	30	33	33	36	31	30.6
Gilbert §§	Maximum	45	44	50	46	40	42	52	60	55	32	30	40	40	51	69	52	65	45	55	69	46	46	50	45	43	34	35	32	38	51	44	46.6
	Minimum	17	10	16	23	35	35	36	23	24	27	20	11	11	9	9	17	15	15	16	16	27	10	10	22	30	21	21	29	29	29	27	20.6
Grannis	Maximum	40	47	46	44	45	44	47	63	63	54	35	46	49	50	60	56	62	54	64	64	54	46	40	47	61	44	40	37	37	51	48	49.6
	Minimum	28	30	38	34	38	38	37	33	33	25	20	15	28	18	24	29	27	29	24	30	32	18	27	27	41	29	29	31	30	34	35	29.4
Gravette	Maximum	45	49	56	50	45	41	44	46	47	41	25	56	36	49	53	45	56	43	55	63	54	45	43	42	43	33	33	32	34	45	45	45.0
	Minimum	16	13	34	37	39	35	36	34	33	21	16	4	21	12	31	21	28	16	18	40	23	13	24	27	27	19	26	26	30	33	28	25.2
Green Mountain	Maximum	39	37	44	50	45	40	44	45	55	40	29	36	35	45	63	57	62	57	51	64	35	38	38	40	45	34	35	35	35	45	45	44.0
	Minimum	17	17	22	33	33	33	35	29	40	25	19	13	24	11	30	27	32	24	29	37	25	12	20	30	29	12	22	22	22	30	32	25.4
Harrison	Maximum	42	42	51	46	43	40	42	52	50	48	28	36	36	51	61	50	64	49	53	66	57	45	47	41	42	32	33	32	34	52	48	45.6
	Minimum	16	15	24	34	35	36	38	30	31	25	19	14	24	12	30	24	21	22	29	39	26	10	23	25	29	18	26	28	28	31	32	25.6
Helena	Maximum	42	43	49	49	51	49	51	59	62	58	36	36	40	40	59	56	62	54	52	65	53	41	40	57	61	53	38	38	37	50	57	49.6
	Minimum	24	21	20	34	41	39	42	32	35	32	26	20	22	15	26	30	30	32	25	34	30	16	25	37	51	28	32	32	32	36	40	30.3
Highland	Maximum		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Hope §§	Maximum	42	48	49	48	41	43	53	62	62	36	38	45	51	49	62	66	67	51	64	64	45	47	48	64	58	36	40	36	39	50	48	50.1
	Minimum	29	31	26	31	39	40	40	32	30	30	26	21	22	22	21	28	24	27	28	29	36	23	33	34	38	34	34	34	33	34	39	30.6
Hot Springs	Maximum	49	49	48	47	46	44	50	59	59	56	56	56	46	47	62	62	64	64	63	64	63	63	63	63	63	49	38	38	36	44	48	53.5
	Minimum	26	23	27	37	36	37	38	34	34	29	22	18	31	20	35	32	33	31	32	43	33	18	29	36	43	27	28	31	30	34	42	31.3
Jonesboro	Maximum	38	38	46	48	48	43	44	53	47	45	33	36	36	39	56	51	58	51	48	63	56	36	40	40	56	36	34	34	33	45	45	44.4
	Minimum	21	19	20	32	38	38	41	30	33	32	26	21	26	16	28	29	29	31	27	31	27	14	21	33	35	22	28	28	29	31	38	28.2
Lead Hill	Maximum	42	41	48	46	46	41	43	58	45	44	30	37	35	49	58	48	61	50	52	56	47	43	42	40	40	32	34	33	35	50	43	44.2
	Minimum	13	11	20	34	34	36	38	12	28	29	21	14	25	11	19	27	16	23	16	25	26	9	20	24	30	19	27	27	28	31	34	23.5
Little Rock ***	Maximum	43	40	46	45	44	44	47	55	56	48	34	39	44	45	60	52	64	46	55	64	45	37	36	45	57	34	37	35	37	46	46	46.0
	Minimum	28	23	24	35	39	39	43	36	33	30	25	21	26	20	30	29	24	32	27	35	26	20	27	36	34	27	30	32	32	36	35	30.1
Lutherville	Maximum	47	42	45	42	43	42	49	55	54	49	45	37	42	45	57	50	57	53	49	64	56	39	41	39	39	38	38	35	35	45	44	45.7
	Minimum	24	21	27	37	35	37	39	29	35	27	20	15	24	14	25	27	25	28	25	31	27	15	25	29	37	23	27	30	30	32	36	27.6
Magnolia	Maximum	51	47	50	51	55	47	51	59	63	55	40	45	51	50	66	58	70	68	64	65	63	46	48	60	67	59	40	40	39	52	53	54.0
	Minimum	30	33	28	28	40	40	40	33	35	32	28	20	29	21	31	30	28	39	26	38	34	24	33	43	50	31	31	34	34	38	45	33.1
Mammoth Spring	Maximum	41	39	41	44	44	41	54	50	47	45	32	35	34	42	60	60	58	59	60	66	53	52	54	58	48	32	34	36	34	40	43	46.3
	Minimum	15	11	16	31	36	37	29	29	28	30	25	19	24	12	20	16	12	25	21	18	21	23	36	30	23	11	30	21	23	32	26	23.5
Marianna §§	Maximum	41	41	50	48	51	48	53	55	62	34	36	37	41	40	59	54	61	40	52	64	35	42	39	60	60	36	35	32	39	51	50	46.6
	Minimum	25	20	21	33	37	39	42	33	33	33	27	22	22	18	26	28	32	33	25	32	34	18	32	38	38	28	35	31	33	39	42	30.6
Marked Tree §§	Maximum	40	41	46	40	52	45	47	52	53	41	34	35	37	39	56	40	59	38	46	62	38	37	38	59	59	34	35	33	35	46	40	43.8
	Minimum	19	16	17	20	34	38	39	32	30	30	26	22	22	14	14	21	24	25	25	24	33	12	10	27	35	25	25	31	30	30	35	25.3
Marshall	Maximum	41	42	46	47	42	41	42	58	53	53	40	37	38	45	65	53	70	45	59	76	47	56	49	60	54	35	40	42	42	55	54	49.3
	Minimum	19	16	25	35	34	36	36	28	35	30	20	14	23	14	33	22	28	25	31	33	14	13	27	34	20	20	29	27	28	37	24	26.1
Mena	Maximum	50	47	52	44	43	43	46	63	60	52	30	43	44	51	63	54	61	54	64	62	56	49	40	45	52	42	39	36	37	47	47	48.9
	Minimum	26	28	29	36	38	36	38	29	33	24	21	16	30	20	29	28	28	28	27	39	32	18	25	33	42	27	29	31	30	33	35	29.6
Monticello ***	Maximum	45	46	48	49	48	53	48	53	61	42	39	42	51	45	62	54	63	50	59	65	53	45	45	59	69	59	40	38	42	55	58	51.3
	Minimum	29	25	26	36	43	42	43	34	35	33	27	19	27	18	30	30	30	37	26	39	35	23	29	41	57	51	33	34	35	38	46	33.3
Morrilton §§	Maximum	49	41	49	48	44	46	52	65	62	38	37	45	45	51	66	66	65	46	53	69	53	40	43	48	52	39	42	38	43	47	47	49.4
	Minimum	27	22	23	26	36	36	39	30	30	30	24	18	26	18	18	23	19	33	25	24	28	18	13	30	35	21	26	30	30	30	37	26.6
Mountain Home	Maximum	43	40	49	47	46	44	58	47	45	45	31	38	35	42	66	47	65	54	52	70	58	40	46	42	42	36	34	34	33	47	40	45.7
	Minimum	16	15	21	34	34	37	30	31	27	28	21	15	24	12	22	27	18	24	19	28	25	12	20	30	22	19	26	27	28	32	36	24.5
Mt. Ida	Maximum	47	46	50	46	47	43	48	62	60	51	34	45	45	51	66	55	65	58	59	65	50	45	35	34	35	34	33	35	38	56	49	48.0
	Minimum	20	22	21	38	38	39	38	28	24	28	22	15	23	13	17	24	14	30	16	28	35	11	22	21	21	22	20	21	22	26	40	24.5
Nashville	Maximum	47	47	48	47	48	45	54	61	63	59	40	47	54	49	61	55	65	62	62	65	59	45	43	47	64	56	42	47	39	47	49	52.2
	Minimum	32	31	30	37	40	41	40	32	32	30	26	20	27	21	23	27	23	34	25	27	34	23	30	40	46	33	32	40	33	36	40	31.8
Newport	Maximum	42	41	44	49	45	45	45	56	54	45	36	39	42	43	59	50	60	44	53	66	47	39	35	41	51	35	37	37	35	45	45	45.3
	Minimum	23	20	19	32	39	39	43	30	32	33	27	21	23	15	28	29	26	33	23	33	29	17	21	34	29	26	30	31	30	33	41	28.7

Daily Temperatures for December, 1944 Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Nimrod Dam	Maximum	48	45	52	49	45	43	48	60	61	56	32	51	45	51	65	56	65	63	59	65	50	43	44	42	51	43	36	36	37	50	47	49.6
	Minimum	27	21	24	36	36	37	40	32	29	30	24	19	28	16	29	30	23	32	21	33	34	16	23	39	40	28	28	32	31	35	42	29.2
Oden***	Maximum	49	48	52	45	44	43	49	64	60	53	32	43	45	52	66	55	62	47	67	65	54	48	41	55	55	36	37	35	38	52	46	49.6
	Minimum	27	26	26	38	38	38	38	31	29	28	28	16	29	17	26	33	20	31	27	32	32	15	28	35	36	29	30	32	32	35	25	29.3
Okay	Maximum	44	47	49	49	49	46	56	62	61	63	42	47	54	53	63	64	68	64	63	65	64	47	47	49	65	59	42	42	39	40	43	53.1
	Minimum	29	28	28	37	40	40	41	32	32	31	26	21	26	20	21	24	21	35	26	30	29	23	26	29	46	32	31	33	34	33	32	30.2
Ozark	Maximum	48	49	46	48	43	46	52	48	55	55	33	40	42	47	59	55	60	58	55	67	59	40	45	45	48	39	40	40	38	50	47	48.3
	Minimum	28	26	30	41	37	39	41	29	32	29	22	17	24	18	22	20	25	28	21	26	35	17	30	31	28	28	29	33	33	35	39	28.8
Paragould	Maximum	36	36	43	48	50	44	44	48	46	44	33	34	35	36	54	50	55	50	43	61	56	40	38	40	46	37	35	36	34	43	44	43.2
	Minimum	20	18	20	30	37	38	41	31	30	32	27	23	25	16	25	31	23	31	23	28	26	13	19	32	35	21	27	29	29	31	37	27.4
Perryville	Maximum	50	54	55	50	55	48	57	63	58	40	31	41	41	55	50	57	62	57	56	68	54	58	40	56	57	37	38	40	40	54	51	50.7
	Minimum	27	20	14	25	35	29	32	32	26	28	22	17	17	14	17	22	29	30	19	27	28	17	22	30	26	27	27	30	29	31	37	25.4
Pine Bluff	Maximum	46	46	48	48	43	47	47	57	63	53	36	44	48	50	64	53	67	58	56	61	54	42	37	49	62	46	28	38	39	48	50	49.6
	Minimum	28	25	25	36	38	41	41	32	32	33	26	20	31	21	31	35	27	37	28	38	33	22	29	31	45	30	32	33	33	37	43	32.0
Pocahontas	Maximum	40	41	45	47	47	43	43	54	50	42	34	37	38	40	59	57	56	55	49	66	60	35	37	38	44	38	35	36	35	44	45	44.8
	Minimum	16	16	19	30	36	37	40	27	30	31	26	20	21	13	25	28	20	29	20	26	27	11	18	25	36	19	24	28	28	31	38	25.6
Portland	Maximum	48	45	52	51	54	58	54	56	62	55	43	40	53	44	63	57	68	60	58	64	51	44	47	55	68	60	40	38	42	57	61	53.3
	Minimum	27	24	23	33	42	44	43	34	29	33	25	20	25	19	27	29	27	33	27	34	32	26	29	43	54	32	34	33	35	40	44	32.3
Prescott	Maximum	48	46	49	49	47	44	52	59	61	58	39	44	52	50	62	60	65	64	63	65	61	45	46	49	64	60	41	40	39	48	49	52.2
	Minimum	30	31	26	39	40	41	41	33	32	32	27	22	30	22	27	31	26	37	29	37	36	24	31	40	47	32	32	33	33	37	45	33.0
Rogers	Maximum	44	48	46	48	45	42	43	57	50	29	25	37	35	49	56	47	58	40	53	61	52	47	40	43	44	33	32	31	34	45	45	43.8
	Minimum	15	19	29	38	40	35	37	24	35	21	16	8	21	15	32	21	28	18	24	39	24	13	25	26	27	19	26	27	29	31	28	25.5
Russellville	Maximum	46	42	47	45	46	45	50	57	59	34	32	40	45	48	62	49	62	59	55	67	62	40	38	41	49	42	38	40	38	47	48	47.5
	Minimum	29	23	25	39	37	39	41	31	30	30	24	36	28	18	22	29	21	31	21	26	32	16	24	28	39	27	29	32	32	35	41	29.5
St. Charles	Maximum	45	43	49	50	52	49	54	56	62	60	37	37	46	47	61	60	62	58	56	56	65	43	40	55	63	48	44	39	38	50	55	51.0
	Minimum	24	19	19	32	42	38	41	32	29	32	25	19	22	17	27	28	21	22	25	27	31	17	24	37	43	28	30	31	31	35	40	29.1
Searcy	Maximum	43	40	46	46	44	45	47	55	59	50	36	40	43	42	60	49	58	50	54	64	53	39	35	40	54	39	37	36	35	45	45	46.1
	Minimum	25	20	21	33	39	38	42	30	34	32	25	19	26	17	23	30	23	32	26	28	30	17	22	34	38	26	28	30	31	34	42	28.9
Sheridan	Maximum	45	43	50	47	46	43	47	58	60	54	36	42	48	48	60	57	65	58	58	67	62	44	46	58	46	42	38	38	38	54	47	49.8
	Minimum	22	18	30	34	37	37	40	32	30	30	23	13	23	15	25	28	24	30	22	32	32	13	24	26	37	31	26	..	..	..	..	27.2
Siloam Springs	Maximum	45	45	54	46	46	43	43	57	55	41	27	36	36	49	54	51	57	47	55	62	59	43	40	43	43	35	34	33	35	45	45	45.3
	Minimum	16	22	37	37	40	37	37	25	30	23	18	10	23	15	29	24	29	19	20	38	25	15	25	29	29	21	29	28	31	34	29	26.6
Stuttgart	Maximum	43	43	48	48	49	45	51	54	60	54	38	40	46	44	61	53	63	51	54	65	55	40	41	49	56	62	37	37	37	46	49	49.0
	Minimum	26	22	24	36	42	40	43	32	33	33	26	21	26	19	27	30	26	31	26	34	33	20	26	39	40	29	31	32	33	36	42	30.9
Stuttgart Evap	Maximum	43	42	48	47	49	46	49	53	59	52	37	37	45	40	60	49	60	55	55	64	..	42	42	49	62	48	63	46	37	46	49	49.1
	Minimum	24	19	20	32	40	38	41	28	30	31	24	19	22	16	25	26	22	32	22	30	..	18	26	35	44	26	29	30	30	34	39	28.4
Subiaco	Maximum	47	43	48	43	43	44	49	48	56	54	31	38	42	47	58	52	57	52	55	66	58	42	40	40	46	40	45	36	38	48	46	46.8
	Minimum	28	23	28	38	36	38	40	33	33	28	22	18	18	19	23	29	23	29	26	29	30	18	25	30	38	25	28	31	31	35	38	28.7
Texarkana***	Maximum	44	49	51	52	51	44	54	63	60	40	38	46	50	50	65	55	67	55	62	63	53	47	52	62	64	42	41	38	39	52	49	51.5
	Minimum	31	34	30	40	41	41	42	36	40	29	26	23	30	26	33	31	29	34	30	38	30	27	35	43	42	32	32	34	31	38	34	33.7
Turnpike	Maximum	43	40	43	40	40	36	40	55	50	45	28	34	34	41	55	48	57	55	58	59	53	41	46	37	52	32	32	30	34	41	45	43.4
	Minimum	15	16	22	31	30	31	32	28	37	19	13	10	22	14	29	23	29	20	26	36	22	12	24	26	25	5	22	24	24	27	31	23.4
Waldron	Maximum	45	47	52	47	45	43	48	61	61	57	30	42	44	56	65	57	63	57	62	65	59	47	44	47	46	40	37	35	40	56	51	50.0
	Minimum	23	23	31	38	37	37	39	27	27	27	22	15	27	15	21	32	17	29	18	29	33	13	26	29	39	28	28	31	31	36	38	27.9
Warren	Maximum	47	47	52	55	53	51	49	57	62	58	40	44	52	47	64	61	67	64	61	67	64	45	45	55	67	62	41	40	40	50	56	53.7
	Minimum	28	25	23	35	43	43	44	35	31	33	26	20	30	20	32	30	26	36	29	38	34	23	29	42	54	32	33	35	35	38	44	33.1
White Rock	Maximum	44	39	43	39	41	41	41	53	50	39	23	36	36	43	69	48	55	49	52	58	55	37	42	46	50	51	31	31	30	42	43	43.5
	Minimum	23	21	25	33	33	34	34	30	35	19	14	12	22	17	32	23	29	19	24	37	23	15	27	29	25	17	24	25	25	28	28	25.2
Wilson	Maximum	37	39	47	45	53	48	48	49	53	46	36	36	38	34	56	53	47	50	50	62	43	37	33	42	45	38	37	36	36	40	44	43.8
	Minimum	16	11	14	29	38	36	33	27	27	26	26	20	20	12	26	24	24	28	24	24	25	7	24	28	30	18	28	28	29	32	33	24.7
Wynne§§	Maximum	45	44	48	49	50	45	48	52	63	35	36	41	41	43	60	51	62	41	52	65	36	40	39	59	58	37	35	33	38	48	42	46.3
	Minimum	16	18	19	21	37	39	40	30	31	32	27	20	20	17	17	28	29	32	25	25	35	16	17	29	38	26	21	31	31	32	37	27.0

Daily River Stages for December, 1944

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.3	6.3	6.3	6.4	6.5	6.6	7.3	15.5	18.2	18.2	16.7	15.0	13.9	12.8	10.8	9.8	9.1	10.0	10.0	9.6	8.7	9.4	9.3	8.9	8.5	7.9	7.7	7.6	7.6	7.5	7.5
Van Buren	do	22	6.0	6.0	6.0	6.4	6.3	6.2	6.9	15.2	19.0	19.1	17.3	15.5	13.6	12.9	11.1	9.8	9.2	9.7	9.8	8.9	8.3	9.1	8.9	8.7	8.1	7.8	7.6	7.5	7.6	7.6	7.7
Danville	Petit Jean	20	3.0	3.0	3.0	3.0	2.9	4.2	12.0	20.2	21.2	20.0	16.4	12.0	8.0	6.3	5.5	5.1	4.9	4.5	4.3	4.0	3.9	3.9	3.7	3.6	4.1	6.7	7.2	7.6	11.4	14.3	13.6
Ozark	Arkansas	22	2.3	2.3	2.1	2.4	2.5	2.6	2.8	3.9	14.7	15.2	13.9	12.2	10.6	9.4	8.8	6.4	5.4	5.2	5.8	5.6	4.9	4.4	4.4	5.0	4.6	4.2	3.6	3.5	3.8	3.7	3.6
Morrilton	do.	22	-0.6	-0.5	-0.6	-0.6	-0.2	0.0	1.0	3.8	8.2	12.8	13.5	12.2	10.8	9.2	8.1	6.4	5.8	3.2	2.8	3.2	3.1	2.2	2.2	2.3	2.4	2.8	2.5	2.1	2.2	2.3	2.4
Dardanelle	do.	20	4.3	4.2	4.2	4.1	4.0	4.8	5.8	8.0	14.8	17.2	17.5	15.8	14.2	12.8	11.8	9.9	8.2	7.5	7.6	8.0	7.4	6.8	7.1	7.0	7.0	6.8	6.3	6.2	6.3	6.3	6.3
Little Rock	do.	23	1.7	1.9	2.0	1.9	1.9	2.5	3.4	4.9	6.9	12.2	13.8	13.7	12.3	11.0	9.9	9.0	7.6	6.3	5.2	4.8	5.0	4.2	4.1	4.1	4.4	5.3	5.9	5.6	5.8	5.9	5.9
Pine Bluff	do.	25	1.7	1.7	1.8	2.0	1.9	2.0	3.2	4.9	7.9	11.6	16.0	16.8	15.7	14.1	13.0	12.1	11.1	9.7	8.8	7.6	6.6	6.5	5.8	5.2	4.7	7.2	6.7	8.1	8.1	8.1	8.0
Gilbert	Buffalo	30	3.5	3.5	3.5	3.5	3.5	3.7	5.4	7.0	5.5	5.0	4.5	4.2	4.2	4.2	4.0	4.0	4.0	3.8	3.8	3.7	3.7	3.7	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8
Black Rock	Black	14	1.1	1.1	1.1	1.1	1.1	1.2	1.9	2.7	2.5	2.4	2.4	2.4	2.2	2.0	1.9	1.8	1.8	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.5	2.0	2.0	2.0	2.1	2.1	1.9
Heber Springs	Little Red	30	3.6	3.5	3.4	3.3	3.2	3.3	12.5	16.5	11.4	9.0	8.8	7.9	7 0	6.1	5.5	5.2	5.0	4.8	4.6	4.4	4.3	4.1	4.0	3.9	4.1	7.4	8.0	7.9	7.7	7.6	7.6
Ozark Beach Mo	White	30	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-2.0	0.4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2
Cotter	do	21	1.9	2.0	1.7	1.5	1.6	1.4	2.5	4.5	4.1	3.4	3.8	3.3	3.4	3.4	3.1	3.2	3.2	3.2	2.2	2.1	2.5	2.2	2.5	2.2	1.9	1.8	2.0	1.9	2.0	2.7	2.2
Calico Rock	do	18	0.9	1.0	0.5	0.4	0.7	1.0	1.1	3.5	4.7	3.7	3.1	2.8	2.8	2.8	2.4	2.2	2.0	2.0	2.0	1.1	0.9	1.3	1.1	1.1	0.8	0.7	0.7	0.8	0.6	1.0	1.0
Batesville	do	23	5.6	5.0	5.4	5.1	4.8	5.2	7.4	7.6	9.4	8.9	8.2	7.8	7.2	7.0	6.6	6.6	6.6	6.3	6.2	6.2	5.5	5.3	5.6	5.4	5.7	5.9	5.6	5.6	5.6	5.5	5.7
Newport	do	26	0.0	-0.1	-0.2	-0.2	-0.3	-0.3	0.5	3.2	3.7	5.0	4.7	3.8	3.1	2.4	2.2	1.8	1.8	1.8	1.5	1.3	1.3	0.3	0.3	0.5	0.5	1.0	2.0	2.2	1.6	1.6	1.5
Georgetown	do	21	0.3	0.3	0.3	0.4	0.4	0.4	2.5	8.2	13.2	13.4	12.7	12.3	11.4	10.4	9.4	7.7	5.8	5.4	3.9	3.5	3.1	2.8	2.6	2.0	1.9	5.0	6.6	7.0	7.5	7.7	7.7
Des Arc	do	24	2.5	2.5	2.5	2.5	2.6	2.6	3.4	6.5	10.1	12.1	12.2	11.9	11.2	10.4	9.2	8.8	8.0	7.3	6.9	6.5	6.0	5.6	5.2	4.8	4.6	6.7	9.0	9.8	10.7	11.4	11.7
Clarendon	do	26	7.1	7.0	7.0	7.0	7.1	7.2	7.5	8.6	10.9	13.7	15.4	15.9	16.0	15.7	15.2	14.7	14.2	13.7	13.3	12.9	12.5	12.1	11.7	11.2	11.2	12.3	14.0	15.3	16.4	17.3	17.8
St. Charles	do	25	6.9	6.9	6.9	6.8	6.9	7.1	7.3	7.6	9.0	11.3	13.5	14.6	15.0	14.9	14.8	14.3	13.8	13.5	13.0	12.7	12.4	12.0	11.5	11.3	11.1	11.6	12.9	14.5	15.7	16.6	17.7
Glenwood	Caddo	..	5.2	5.2	5.1	5.1	5.4	13.9	10.8	7.5	6.5	6.3	6.2	6.1	6.1	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	7.9	6.8	6.6	6.6	7.4	6.8	6.8
Arkadelphia	Ouachita	17	4.9	5.0	4.3	4.2	4.4	10.6	19.8	19.5	19.2	15.8	13.4	9.0	8.2	9.0	6.6	7.4	7.4	5.6	7.4	6.6	6.7	7.0	6.8	5.6	5.3	17.7	16.8	18.0	19.3	18.2	15.2
Boughton	Little Mo.	20	5.4	4.6	4.4	4.2	4.0	6.1	13.0	18.9	19.9	18.5	16.0	12.0	9.8	7.4	6.2	6.1	6.0	5.9	6.8	6.9	7.1	6.5	6.1	5.5	7.1	8.7	18.1	19.2	19.7	19.6	19.2
Camden	Ouachita	26	6.7	6.3	5.0	4.7	4.8	4.8	6.9	16.6	22.7	25.4	26.9	28.2	28.4	27.4	25.8	21.4	16.6	13.9	11.5	11.2	10.0	9.5	9.2	9.4	9.0	8.6	16.3	23.2	26.7	28.9	31.1
Benton	Saline	20	4.8	4.5	4.4	4.3	4.3	15.1	22.0	17.6	10.4	9.3	8.0	6.9	6.4	6.3	6.3	6.2	6.1	6.1	6.0	5.7	5.5	5.4	5.4	5.3	6.9	18.1	11.1	12.0	15.2	12.1	10.6
Index	Red	25	7.8	7.4	7.0	6.5	6.1	7.4	8.6	9.0	10.9	12.0	11.0	10.4	9.5	8.6	7.9	7.4	7.3	7.2	6.1	6.4	6.2	5.6	5.2	5.0	6.1	6.4	8.4	10.2	11.0	12.0	12.7
Fulton	do	25	8.3	8.1	7.9	7.1	6.8	9.4	11.0	12.0	13.3	14.8	14.8	14.5	13.5	12.6	11.2	9.7	9.0	8.5	8.2	7.1	7.7	7.5	7.3	7.3	7.3	8.0	10.5	13.4	14.4	15.3	16.5
Big Lake Outlet	St. Francis	10	2.6	2.6	2.6	2.6	2.5	2.7	3.5	3.5	3.3	3.3	3.3	3.4	3.4	3.3	3.2	3.1	3.2	3.2	3.4	3.4	3.1	3.0	3.0	3.0	3.9	3.9	4.0	4.1	4.3	4.4	4.7
St. Francis	do	18	2.6	2.6	2.6	2.6	2.6	2.6	3.6	4.4	3.7	3.7	3.8	3.3	3.3	3.5	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.6	4.9	4.9	5.3	4.4	4.1	4.
St. Francis L.L.	do	..	18.2	17.5	17.7	17.6	17.0	17.3	17.1	17.0	17.7	18.0	18.2	18.3	18.4	18.4	17.9	18.0	17.9	17.8	17.6	17.5	17.4	17.1	16.8	17.8	18.5	18.2	18.0	18.0	18.3	18.5	18.
Marked Tree	do	17	0.5	3.3	1.6	0.5	2.3	2.4	3.0	4.3	3.1	3.8	4.4	4.4	4.3	4.3	5.2	4.3	4.3	4.1	4.1	4.1	4.0	3.9	3.9	2.0	1.4	6.0	6.7	7.1	7.6	7.6	7.
Parkin	do	28	2.5	1.7	1.9	2.4	1.6	2.0	3.0	4.3	5.3	5.1	1.7	4.7	4.6	4.4	4.2	4.4	4.3	4.0	4.0	4.0	3.9	3.8	3.7	3.7	3.4	5.1	8.1	9.7	10.9	11.3	11.
Madison	do	32	0.5	1.1	0.9	0.7	0.7	0.9	2.6	2.9	3.7	4.0	4.1	3.2	3.1	2.7	2.7	2.6	2.3	2.0	2.2	2.5	2.5	2.3	2.1	2.2	2.8	3.8	4.6	7.5	9.1	9.8	10.
Helena	Mississippi	42	7.6	7.4	7.8	8.2	8.3	8.4	8.6	8.8	8.4	7.9	7.5	7.4	8.0	9.8	11.3	12.0	12.0	11.6	10.8	10.2	9.4	8.1	7.0	6.7	7.1	8.1	9.1	9.4	10.3	11.2	12.
Arkansas City	do	42	4.6	4.6	4.4	4.1	4.5	4.8	5.2	5.4	5.8	6.4	7.4	9.1	9.9	10.2	10.6	11.2	11.4	11.3	11.0	9.7	8.7	7.6	6.9	6.0	5.5	4.8	5.6	7.1	8.0	8.8	9.

Symbols for Climatological Data Table:--The departures from the normal temperature and precipitation are computed from the averages of the entire period for stations having 10 or more years of record. §Also on other dates. **Not used in means and summaries. ‡‡Evaporation station. †Portoffice addresses (see notes for daily precipitation table). T Trace, or precipitation less than 0.01 inch. Reference letters a, b, c, number of days missing.

Symbols for Daily Precipitation Table:--Except as otherwise indicated, observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at time of observation. [1]Precipitation is for the 24-hour period, midnight to midnight. [2]Precipitation measured in morning; amount recorded is for the preceding 24 hours. [3]Indeterminate. ‡Precipitation measured with recording gage. *Included in the next measurement. T. Trace, or precipitation less than 0.01 inch ‡‡Evaporation Station †Post Office addresses as follows:—Alum Fork Reservoir, Paron; Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manilla; Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus: Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Heber Springs, Tumbling Shoals; Highland, R.F.D.3, Nashville; Index, Route 5, Texarkana: Lutherville, Route 1, Lamar; Moro Bay Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Heasley; Sparkman, Rt Sparkman; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

Symbols for Daily Maximum and Minimum Temperatures:--Thermometers read near sunset unless otherwise indicated. ***Midnight to midnight. §§Thermometers read in the morning, maximum temperature then read is charged to the previous day on which they almost always occur. ‡‡Evaporation station. NR, No record.

W. B.R.P.O.,-Fort Worth, Texas-2-5-1945-1100.

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. XLIX LITTLE ROCK, ARK., YEAR, 1944 No. 13

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GENERAL SUMMARY

The annual mean temperature for Arkansas was slightly higher than the average of the past 54 years. Considering individual stations, annual means ranged from 66.2° at El Dorado to 57.2° at Devils Knob and Gilbert. February was much warmer than average. December averaged almost 5° colder than normal, being the coldest month of the year and the second coldest December since 1917. Departures from monthly mean temperatures were less pronounced during other months of the year. The lowest temperatures of the year occurred on January 9th when minima were considerably below zero at a few northern stations. The hottest weather of the year occurred from July 9th to 19th, when daily temperatures frequently exceeded 100° over most of the State.

Precipitation averaged about seven inches above normal for the State as a whole. A few stations in the southern half of the State recorded more than seventy inches for the year while a few in the northern counties measured less than forty inches. February, March, April, May, and December were quite wet, and July, September, and October quite dry. The period from the middle of June to the first part of November was very dry, with some stations reporting more than thirty consecutive days without rain.

Tornadoes caused a considerable loss of life and much property damage in April. Forty-four people were killed and property damage exceeded $700,000. In March a severe hailstorm occurred in Poinsett County, causing much property damage. Severe windstorms in July accounted for additional property damage over much of the State.

On the whole, the weather was favorable for crop growth during 1944. Although heavy and frequent rains during the spring delayed planting and cultivation, the additional soil moisture helped to mitigate the effects of the drought which developed in the late summer and fall. Generally ideal weather prevailed for the harvesting of fall crops. No disastrous floods occurred during the year, and only a small acreage of crop land was inundated by minor floods.

B.N.W.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

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Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip.01 or more	Clear	Partly cloudy	Cloudy
1891	60.5	108	6	44.49		94	180	94	91
1892	60.0	106	−14	57.75	[illegible]	98	159	98	109
1893	60.7	103	−13	47.91	6.4	75	185	95	85
1894	61.3	108	−22	49.05	5.9	75	176	97	92
1895	59.8	105	−17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	− 2	46.13	3.9	76	178	96	91
1898	61.4	108	− 4	56.82	3.0	89	158	106	101
1899	60.6	112	−25	41.49	6.6	76	170	105	90
1900	62.0	108	− 5	49.03	2.2	92	150	120	95
1901	61.1	116	− 6	35.27	2.9	65	175	111	79
1902	60.5	108	− 2	51.70	8.3	81	150	121	94
1903	59.3	105	−12	44.62	4.3	84	162	107	96
1904	60.5	105	− 5	43.45	2.9	78	169	112	85
1905	59.6	106	−29	62.17	12.1	103	146	107	112
1906	60.3	101	− 7	55.99	4.3	95	156	96	113
1907	61.9	113	− 8	49.73	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	−19	44.05	6.5	83	176	93	96
1910	61.0	105	−13	45.21	11.0	84	172	109	84
1911	62.8	107	− 9	49.54	1.7	95	152	117	96
1912	59.8	106	−16	45.83	7.8	81	171	110	85
1913	61.6	108	− 1	54.01	5.6	89	158	107	100
1914	61.4	110	−11	42.85	8.6	82	149	109	107
1915	60.6	107	− 3	53.08	4.7	82	163	81	121
1916	61.9	107	−16	42.18	6.3	75	191	76	99
1917	59.2	106	−21	40.72	12.1	75	187	74	104
1918	61.4	115	−28	44.64	18.3	75	174	76	115
1919	61.6	113	−10	54.52	3.4	91	166	75	124
1920	60.7	105	− 2	54.28	2.5	90	174	74	118
1921	64.2	107	− 3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	− 8	37.03	7.9	74	198	68	105
1925	63.0	113	− 6	42.19	2.2	74	184	81	100
1926	61.3	110	−17	49.24	6.0	88	175	79	111
1927	63.1	105	− 2	65.85	2.4	99	161	85	119
1928	61.1	105	−10	50.50	0.9	86	183	76	107
1929	60.5	110	−20	46.10	13.9	98	162	83	120
1930	61.7	115	−28	46.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	− 5	51.11	4.4	95	175	85	106
1933	63.2	109	−13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	−11	57.01	3.7	93	154	90	121
1936	62.0	120	−15	34 75	6.1	71	188	85	19
1937	61.1	111	0	55.20	1.9	102	154	90	31
1938	63.6	109	4	48.25	0.3	81	176	95	621
1939	62.7	112	4	50.16	5.1	89	179	89	711
1940	59.3	104	−14	44.85	9.8	97	165	85	94
1941	61.9	107	5	46.28	4.2	96	146	109	119
1942	61.0	106	−21	49.71	8.3	94	153	101	10
1943	61.6	113	− 9	35.01	2.5	70	171	100	119
1944	61.7	108	−15	55.12	9.6	95	157	97	112
Period	61.4	120	−29	47.92	5.5	86	169	93	103

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1944

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	42.2	+ 1.0	82	−15	2.50	−1.78	5.36	6.5	6	12	7	12	sw.
February	48.2	+ 4.5	87	4	7.34	+3.91	13.78	2.5	12	8	7	14	s.
March	51.3	− 1.1	87	14	6.13	+1.48	11.80	0.2	10	12	8	11	s.
April	60.1	− 1.4	88	19	6.65	+1.69	12.59	T.	10	10	9	11	s.
May	70.3	+ 1.1	96	28	6.42	+1.46	14.23	0.0	12	10	11	10	s.
June	79.2	+ 2.0	102	48	3.04	−0.99	10.30	0.0	6	16	10	4	sw.
July	81.2	+ 0.6	108	49	2.61	−1.09	6.27	0.0	5	16	11	4	sw.
August	80.0	− 0.1	104	50	4.90	+1.31	21.35	0.0	9	12	11	8	s.
September	73.8	− 0.5	103	42	1.84	−1.45	4.61	0.0	4	17	7	6	s.
October	63.9	+ 1.1	95	25	1.13	−2.04	4.38	0.0	3	22	6	3	n.
November	52.7	+ 1.4	87	17	4.70	+0 97	8.97	T.	7	10	7	13	nw.
December	38.0	− 4.8	76	4	7.86	+3.59	14.37	0.4	11	12	3	16	n.
Annual	61.7	+ 0.3	108	−15	55.12	+7.06	14.37	9.6	95	157	97	112	s.

NAT. HIST.

Climatological Data for Year, 1944

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Alum Fork †	Saline	755	8	61.5	104	July 16	10	Jan. 10	8	62.37	11.06	April	0.11	Oct.	11.0	85	113	148	105	w.
Arkadelphia	Clark	200	7	.....	106	July 17	10	Jan. 9	49	63.47	10.38	Dec.	T	Oct.	4.0	94	131	146	89	se.
Arkansas City	Desha	145	.....	.....	.....	.....	.....	.....	60	71.88	14.23	May	T.	Oct.	4.0	105	225	29	112	.....
Batesville Airway	Independence	363	8	60.9	105	July 15	8	Jan. 9	8	47.61	8.03	April	0.40	Oct.	8.0	110	153	108	105	nw.
Batesville Livestock	Independence	571	4	59.2	103	July 10§	4	Jan. 9	4	43.50	7.73	April	0.23	Oct.	12.9	74	164	129	73	nw.
Batesville River	Independence	277	.....	.....	.....	.....	.....	.....	45	43.94	8.22	Feb.	0.56	Oct.	9.7	105	176	81	109	.....
Bee Branch	Van Buren	650	51	61.3	103	July 15§	5	Jan 9§	52	56.70	10.35	April	1.30	Jan.	9.0	82	154	128	84	w.
Benton	Saline	285	8	59.6	105	July 18§	−2	Jan. 9	9	54.14	10.22	Dec.	0.05	Oct.	9.4	101	256	45	65	s.
Bentonville	Benton	1295	39	.....	100	July 18	2	Jan. 9	39	46.55	7.04	Aug.	1.01	Jan.	13.5	95	122	181	63	s.
Bethesda †	Independence	483	.....	59.1	103	July 11	4	Jan. 9	5	41.92	7.89	April	0.00	Oct.	14.0	62	157	116	93	nw.
Big Lake Outlet †	Mississippi	239	.....	.....	.....	.....	.....	.....	14	49.46	9.55	Dec.	1.17	Oct.	3.8	97	139	106	121	.....
Black Rock	Lawrence	259	.....	.....	.....	.....	.....	.....	43	39.59	6.37	April	1.06	Jan.	7.3	91	.....	.....	.....	.....
Bluff City	Nevada	.....	3	.....	104	July 19	13	Jan. 9	3	61.69	10.32	Dec.	0.08	Oct.	....	96	156	101	109	s.
Blytheville	Mississippi	252	19	60.2	100	July 9§	5	Jan. 9	19	48.82	8.89	Dec.	1.13	Oct.	10.1	84	196	115	55	s
Booneville	Logan	465	29	62.1	103	July 10§	−9	Jau. 9	30	49.32	9.24	Aug.	1.11	Sept.	15.5	102	150	121	45	e.
Boughton †	Nevada	235	.....	.....	.....	.....	.....	.....	9	58.11	10.65	Dec.	0.47	June	14.0	78	183	47	136	.....
Brinkley	Monroe	198	57	61.5	104	July 10§	8	Jan. 9	57	54.98	11.93	Dec.	0.59	Oct.	6.3	100	114	105	147	s.
Calico Rock	Izard	361	.....	.....	.....	.....	.....	.....	40	42.60	6.97	Feb.	0.56	Oct.	10.5	110	131	45	190	.....
Camden	Ouachita	116	53	64.8	106	July 18	11	Jan. 9	59	63.17	11.79	Dec.	0.01	Oct.	....	112	101	177	88	s.
Camp Robinson	Pulaski	450	3	60.9	105	July 18	7	Jan. 9	3	50.89	8.42	Dec.	0.21	Oct.	5.0	105	105	185	76	se.
Clarendon	Monroe	172	.....	.....	.....	.....	.....	.....	40	49.96	10.00	Dec.	0.39	Oct.	5.0	106	138	79	149	.....
Conway	Faulkner	309	48	63.2	108	July 18	2	Jan. 10	61	59.26	9.93	Feb.	0.21	Oct.	10.5	91	203	93	70	s.
Corning	Clay	293	44	61.0	103	July 18	8	Jan. 9	51	44.60	6.74	April	0.58	Jan.	....	92	165	77	124	n.
Cotter	Baxter	440	.....	.....	.....	.....	.....	.....	17	41.69	6.56	Aug.	1.00	Oct.	18.6	82	171	104	91	.....
Crossett	Ashley	175	21	64.1	106	July 18	15	Jan. 9§	32	67.92	12.51	Dec.	0.11	Oct.	2.4	93	195	67	104	n.
Danville	Yell	327	.....	.....	.....	.....	.....	.....	28	58.79	7.23	Feb.	0.49	Sept.	13.9	108	130	125	111	.....
Dardanelle	Yell	330	35	63.1	105^b	July 18	−4	Jan. 9	58	53.30	7.20	Feb.	1.11	Sept.	....	115	102	148	116	e.
DeQueen	Sevier	426	9	63.0	100	July 19	2	Jan. 9	9	56.61	10.36	Dec.	1.16	Oct.	4.0	90	163	114	89	.....
Des Arc	Prairie	204	4	62.3	102	July 11	5	Jan. 9	7	51.13	9.00	Dec.	0.32	Oct.	7.0	95	104	69	193	s.
Devils Knob †	Johnson	2350	8	57.2	95	July 15§	6	Feb. 12	8	70.76	11.35	Aug.	2.06	Sept.	21.5	114	198	35	133	se.
Dumas	Desha	162	30	64.6	107	July 17	10	Jan. 9	39	55.69	11.02	Dec.	T	Oct.	5.0	111	79	174	113	s.
El Dorado	Union	270	40	66.2	104	July 18	18	Jan. 9	44	75.69	11.64	Dec.	0.10	Oct.	2.0	114	215	69	82	s.
England	Lonoke	229	37	.....	105^c	July 18	2	Jan. 9	38	.....	11.78	Dec.	.....	.....	4.0	.....	.....	.....	.....	nw.
Eureka Springs	Carroll	1465	43	59.2	101	July 16	4	Jan. 9	44	46.07	6.24	June	1.56	Jan.	29.0	106	215	89	62	sw.
Fayetteville	Washington	1425	7	59.7	98	July 16§	−3	Jan. 9	7	49.96	7.86	Aug.	1.35	Nov.	19.3	117	94	137	135	s.
Fayetteville Exp.	Washington	1451	53	58.7	99	July 16§	−7	Jan. 9	57	47.97	7.25	June	1.30	Jan.	14.6	117	127	179	60	s.
Fordyce	Dallas	280	3	65.0	106	July 17	14	Jan. 9	3	62.99	12.15	Dec.	0.00	Oct.	9.0	87	101	224	41	sw.
Fort Smith	Sebastian	448	63	62.5	101	July 10	4	Jan. 9	63	48.85	7.19	Aug.	0.39	Sept.	13.3	109	113	113	140	e.
Ft, Smith Water Plant †	Crawford	793	.....	.....	.....	.....	.....	.....	6	51.69	7.38	June	0.90	Sept.	7.0	88	170	105	91	.....
Fulton	Hempstead	260	.....	.....	.....	.....	.....	.....	59	64.29	9.63	May	0.63	June	....	99	116	124	126	.....
Georgetown	White	200	.....	.....	.....	.....	.....	.....	32	48.69	7.80	Feb.	1.45	Oct.	9.0	90	231	16	119	.....
Gilbert	Searcy	600	9	57.2	104	July 17	−10	Jan. 10	19	44.21	7.47	May	0.05	Oct.	10.0	83	206	23	137	s.
Glenwood	Pike	547	.....	.....	.....	.....	.....	.....	9	65.45	11.81	Dec.	0.23	Oct	7.5	92	.....	.....	.....	.....
Grannis	Polk	950	24	62.4	107	July 18	6	Jan. 9	25	59.03	9.98	Feb.	0.79	Sept.	11.0	120	130	108	128	so.
Gravette	Benton	1250	46	59.0	100	July 16§	−7	Jan. 9	47	41.97	6.19	April	0.79	Jan.	12.0	82	164	118	84	sw.
Green Mouutain †	Stone	1100	5	60.1	100	July 10	8	Jan. 9	5	43.08	7.80	Feb.	0.30	Oct.	16.0	77	131	145	90	s.
Harrison	Boone	1052	43	59.1	102	July 16	−9	Jan. 9	44	35.40	5.38	Feb.	0.71	July	15.5	94	184	109	73	nw.
Heber Springs	Cleburne	272	.....	.....	.....	.....	.....	.....	15	55.03	10.18	April	1.26	Jan.	7.5	90	147	125	94	.....
Helena	Phillips	300	46	62.6	101	July 18	5	Jan. 9	72	54.72	11.33	Dec.	0.48	Oct.	6.3	112	153	64	149	ne.
Hope	Hempstead	375	38	63.2	105	July 18	13	Jan. 9§	74	63.60	10.06	Dec.	0.12	Oct.	3.4	115	187	99	130	sw.
Hot Springs	Garland	760	47	64.3	105	July 11§	10	Jan. 9	53	66.42	11.61	April	0.35	Oct.	11.3	106	191	105	70	s.
Index †	Little River	275	.....	.....	.....	.....	.....	.....	27	66.37	10.21	May	0.75	Sept.	..	85	229	6	131	.....
Jessieville	Garlaud	750	.....	.....	.....	.....	.....	.....	18	63.64	11.84	April	0.42	Oct.	16.5	99	121	156	89	sw.
Jonesboro	Craighead	345	48	61.5	102	July 10	10	Jan. 9	49	51.92	8.94	Feb.	1.51	July	12.7	113	127	93	146	ne.
Lead Hill	Boone	650	27	58.4	103	July 16§	−15	Jan. 9	38	36.90	5.63	Feb.	1.07	Oct.	10.5	106	214	69	83	s.
Little Rock	Pulaski	265	65	62.7	105	July 18	10	Jan. 10	65	48.83	8.33	Dec.	0.01	Oct.	5.5	104	114	124	128	sw.
Lutherville †	Johnson	775	46	.....	100	July 16	4	Jan. 9	45	58.24	8.07	May	1.65	Sept.	16.0	101	169	72	125	e.
Madison	St. Francis	209	.....	.....	.....	.....	.....	.....	14	52.53	10.05	Dec.	1.05	Oct.	4.0	83	114	26	226	.....
Magnolia	Columbia	315	25	64.8	104	July 18	16	Jan. 9	28	66.92	13.32	Dec.	T.	Oct.	2.5	92	91	186	89	se.
Mammoth Spring	Fulton	600	39	59.5	101	July 9§	−4	Jan. 9	40	38.28	6.08	April	0.98	Aug.	10.4	82	197	105	64	sw.
Marianna	Lee	234	32	61.6	104	July 10	7	Jan. 9	33	53.17	11.24	Dec.	0.67	Juue	4.0	75	114	123	129	s.
Marked Trec	Poinsett	229	28	.....	102	July 11	10	Jan. 9§	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	s
Marshall	Searcy	1050	24	60.3	101	July 10§	1	Jan. 9	25	46.75	7.04	Feb.	0.21	Oct	15.2	105	132	171	63	sw.
Mena	Polk	1207	52	62.2	101	Aug. 3	1	Jan. 9	56	63.49	8.58	May	0.40	Sept.	14.7	109	120	130	116	sw.
Monticello	Drew	273	8	64.4	104	July 18§	15	Jan. 9	8	69.63	13.43	Dec.	0.11	Oct.	7.3	112	148	119	99	s.
Morrilton †	Conway	315	22	62.1	106	July 16	−6	Jan. 10	25	55.65	8.74	Feb.	0.68	Oct.	11.0	100	109	100	157	se.
Mountainburg	Crawford	712	.....	.....	.....	.....	.....	.....	7	57.63	8.68	Aug.	0.80	Sept.	9.0	102	174	68	124	n.
Mountain Home	Baxter	800	27	60.2	101	July 9§	−4	Jan. 9	32	37.60	5.83	Feb.	1.00	Oct.	16.5	85	189	50	127	w.
Mount Ida	Montgomery	702	29	61.2	103	July 19	.....	.....	45	64.70	9.75	Dec.	0.33	Sept.	14.4	106	133	116	117	sw.
Mulberry †	Franklin	433	.....	.....	.....	.....	.....	.....	6	55.60	9.76	June	0.72	Sept.	9.0	93	174	32	160	.....
Nashville	Howard	350	6	.....	103	July 18	7	Jan. 9	6	68.82	12.92	May	0.97	Oct.	3.5	96	220	17	129	e.
Newport	Jackson	231	56	62.3	104	July 10	7	Jan. 9	61	51.65	8.31	Dec.	1.62	June	7.5	111	155	66	145	sw.
Nimrod Dam †	Perry	475	2	62.3	105	July 15§	5	Jan. 10	2	60.53	8.59	Dec.	0.66	Sept.	17.0	99	196	73	97	w.
Oden	Montgomery	800	8	.....	103	July 17	.....	.....	17	68.09	11.32	April	0.47	Sept.	14.0	95	161	94	111	s.
Okay	Howard	288	16	64.6	105^a	July 18	14	Jan. 9	16	67.14	11.00	Dec.	0.67	Oct.	2.5	112	142	132	92	s.
Osceola	Mississippi	250	.....	.....	.....	.....	.....	.....	6	52.02	9.49	Feb.	0.84	Oct.	3.4	98	228	66	72	.....
Ozark	Franklin	396	47	61.5	101	July 16	−2	Jan. 9	49	51.53	7.74	June	1.57	Sept.	15.0	103	108	87	171	e.
Paragould	Greene	275	6	60.4	102	July 10§	11	Jan. 10	19	51.38	8.39	Feb.	0.72	June	8.9	113	204	89	73	sw.
Parkin	Cross	222	.....	.....	.....	.....	.....	.....	14	48.39	10.27	Feb.	1.29	Oct.	3.0	72	154	62	150	.....
Perryville	Perry	325	4	61.6	105	July 10	7	Jan. 9§	4	56.32	6.83	Feb.	T.	Oct.	14.6	79	174	119	73	sw.
Pine Bluff	Jefferson	215	56	65.3	106	July 17	15	Jan. 9	57	54.85	10.89	Dec.	0.13	Oct.	3.0	92	139	127	100	sw.
Pine Ridge	Montgomery	810	.....	.....	.....	.....	.....	.....	20	64.51	10.06	May	0.33	Sept.	14.5	102	141	93	132	sw.
Pocahontas	Randolph	309	50	61.2	102	July 19§	11	Jau. 9§	51	41.34	8.73	April	0.78	Jan.	8.5	95	158	82	126	s.
Portlaud	Ashley	122	38	65.3	107	July 17§	17	Jan. 9	38	64.05	10.74	Mar.	0.05	Oct.	3.0	84	154	107	105	n.
Prescott	Nevada	318	55	65.7	106	July 19	14	Jan. 9	56	55.81	9.98	May	0.03	Oct.	3.0	115	178	90	98	s.
Rogers	Benton	1360	49	58.4	97	July 16§	−2	Jan. 9	54	46.41	6.69	Aug.	1.34	Jan.	20.2	99	156	120	90	se.
Rosebud	Faulkner	680	.....	.....	.....	.....	.....	.....	10	58.18	9.40	Feb.	1.84	Oct.	4.3	80	163	124	79	sw.
Russellville	Pope	526	34	62.2	102	July 16§	−3	Jan. 9	32	52.61	8.62	April	0.70	Sept.	....	100	108	166	92	e.
St. Charles	Arkansas	175	8	63.1	105	July 10	10	Jan. 9	11	54.13	11.58	Dec.	0.40	Oct.	7.0	100	166	93	107	s.
St. Francis	Clay	290	.....	.....	.....	.....	.....	.....	17	45.99	10.76	April	0.99	Jan.	4.0	88	209	0	157	.....
Searcy	White	245	31	61.9	103	July 18	7	Jan. 10	34	52.23	9.22	Dec.	1.16	Oct.	....	112	193	58	115	se.
Sheridan	Grant	.....	3	62.2	103	July 17	8	Jan. 9	3	62.82	11.84	Dec.	0.06	Oct.	8.5	115	92	187	87	sw.
Siloam Springs	Benton	1150	3	59.0	99	July 16§	−5	Jan. 9	3	43.81	6.83	Mar.	1.01	Jan.	14.6	111	84	224	58	s.
Story	Montgomery	650	.....	.....	.....	.....	.....	.....	20	59.90	10.06	April	0.44	Oct.	10.0	68	192	86	88	s.
Stuttgart	Arkansas	214	54	63.5	103	July 18	10	Jan. 9	57	52.98	11.01	Dec.	0.00	Oct.	4.0	77	189	93	84	se.

Climatological Data for Year, 1944

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Stuttgart Evap	Arkansas	198	8	61.5	102	July 18	16	Jan. 9	9	56.66	11.15	Dec.	0.40	Oct.	5.0	95	......	......	......	......
Subiaco	Logan	750	47	......	104	July 16	1	Jan. 9	47	52.99	7.74	June	0.59	Sept.	18.0	77	234	26	106	s.
Texarkana	Miller	268	58	64.8	105	July 18	16	Jan. 9	59	66.45	9.45	Dec.	0.67	July	1.9	112	116	120	130	s.
Turnpike †	Pope	2240	8	57.6	95	July 15§	6	Jan. 10§	20	65.46	8.58	Aug.	1.35	Sept.	20.2	118	172	65	129	sw.
Waldron	Scott	675	6	61.5	102	July 17	−13	Jan. 9	25	47.71	6.47	Feb.	0.62	Sept	12.0	93	94	176	96	sw.
Warren	Bradley	206	48	65.6	105	July 17§	17	Jan. 9	50	74.95	14.37	Dec.	0.39	Oct.	2.8	111	139	115	112	nw.
Whitecliffs	Little River	290	..	......	......	......	......	......	38	70 81	12.10	May	0.56	July	0.0	79	203	30	133	...
White Rock †	Franklin	2285	8	57.4	96	July 31	5	Feb. 12	8	65.08	10.30	June	1.47	Jan.	13.5	102	191	85	90	se.
Wilson	Mississippi	237	19	60.8	100	July 9§	6	Jan. 9	19	54.72	10.43	Feb.	1.35	Oct.	3.0	65	165	9	192	sw.
Wynue	Cross	167	36	61.1	100	July 11	8^h	Jan. 9	36	53.34	9.77	Feb.	0.99	June	5.2	85	......	......	......	......

Monthly and Annual Precipitation for the Year 1944, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Abbott	....	......	4.97	......	....	......	......	......	......	......	2.77	......	3.12	......	7.91	......	0.66	......	1.61	......	3.07	......	4.35	......	......	......
Alum Fork Reser.	3.26	......	7.68	......	6.31	......	11.06	......	6.58	......	4.76	......	5.60	......	1.92	......	1.17	......	0.11	......	4.95	......	8.97	......	62.37	......
Aplin	2.00	......	8.21	......	5.49	......	5.99	......	4.35	......	4.88	......	5.51	......	5.14	......	0.70	......	0.41	......	4.73	......	8.56	......	55.97	......
Arkadelphia	3.80	−0.91	6.07	+2.23	9.56	+4.86	9.27	+4.08	8.15	+3.02	1.93	−2.67	2 55	−1.22	4.01	+0.29	2.31	−0.49	T.	−3.12	5.44	+1.57	10.38	+5.41	63.47	+13.05
Arkansas City	4.36	−0.52	10.28	+5.94	11.80	+6.38	5 62	+0.77	14.23	+9.86	1.58	−2 21	1.75	−1.91	4.85	+1.32	2.45	−0.34	T.	−2.52	4.42	+0.38	10.54	+5.32	71.88	+22.47
Augusta	1.79	......	9.73	......	5.82	......	4.20	......	3.11	......	2.09	......	3.14	......	2.75	......	2.03	......	2.57	......	3.94	......	9.53	......	50.70	......
Batesville Airway	1.43	......	7.05	......	4.56	......	8.03	......	5.33	......	3.48	......	1.68	......	3.81	......	1.30	......	0.40	......	3.63	......	6 91	......	47.61	......
Batesville, Livestk	1.54	......	7.47	......	3.85	......	7.73	......	3.62	......	2.82	......	3.19	......	1.76	......	0.92	......	0.23	......	4.28	......	6.09	......	43.50	......
Batesville, River	1.72	−2.79	8.22	+4.81	4.32	−0.09	6.36	+1 47	6.40	+1.60	3.42	−0 58	2.64	−0.93	3.84	−0.34	1.92	−1.71	0.56	−2.73	3 93	+0.43	6.61	+2.71	49.94	+ 1.85
Beaty Lake	2.22	......	9.60	......	6.86	......	6.64	......	1.78	......	2.80	......	2.77	......	3.54	......	2.28	......	1.85	......	3.29	......	11.09	......	54.72	......
Bee Branch	1.30	−3.11	7.45	+4.33	5.25	+0.57	10.35	+5.46	9.10	+4.06	2.90	−1.26	2.08	−1.44	3.43	−0.29	1.68	−1.58	2.25	−1.14	4.10	+0.52	6.81	+2.71	56.70	+ 8.83
Beech Grove	1.50	......	6.40	......	4.40	......	7 05	......	....	......	......	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Beedeville	1.72	......	9.74	......	6.10	......	5.54	......	3.16	......	1.75	......	4.02	......	3.31	......	3.91	......	1.24	......	5.03	......	9.20	......	54.72	......
Benton	2.46	......	5.46	......	7.21	......	6.26	......	6.12	......	0.76	......	3.68	......	4.64	......	1.13	......	0.05	......	6.15	......	10.22	......	54.14	......
Bentonville	1 01	−1.77	5.33	+3.10	5.71	+2.32	5.44	+0.68	3.83	−0.97	4.37	−0.89	2.38	−1.02	7.04	+3.03	2.55	−1.72	4.38	+0.46	2.07	−1 32	2.44	−0.01	46.55	+ 1.89
Bethesda	1.47	......	7.21	......	3.84	......	7.89	......	2.93	......	2.93	......	2.58	......	1.87	......	1.06	......	0.09	......	4.08	......	6.03	......	41.92	......
Big Lake Outlet	1.48	−4.22	8.12	+4.66	6.73	+2.30	5 28	+1.46	2.36	−1.00	2.28	−0 41	3.63	+0.23	1.57	−1.26	3.49	+0.49	1.17	−1.64	3.80	+0.40	9.55	+5.23	49.46	+ 6.24
Black Rock	1.06	−3.47	6.18	+2.97	3.26	−1.12	6.37	+1.22	3.56	−1.25	2.06	−1.51	2.38	−1.26	1.68	−2.55	2.09	−1.51	1.44	−1.86	4.43	+0.35	5 08	+1.22	39.59	− 8.77
Bluff City	4.01	......	8.40	......	6.31	......	6.18	......	8.15	......	0.80	......	0.93	......	7.92	......	1.85	......	0.08	......	6.66	......	10.32	......	61.69	......
Blytheville	1.52	−4.40	8.43	+5.34	6.53	+2.12	5.41	+0.91	3.12	−0.42	2 79	−0.98	2.63	−0.78	1.68	−2.49	3.41	+0.32	1.13	−2.17	3.28	−0.20	8 89	+4.85	48.82	+ 2.10
Booneville (near)	2.44	−1.47	5 83	+3.21	5.64	+2.17	4.28	−0.56	4.17	−1.00	4.58	+0.15	3.12	−0.05	9.24	+5.71	1.11	−2.32	1.25	−2.23	2.90	−0.46	4.76	+1.58	49.32	+ 4.73
Booneville	2.64	......	5.78	......	5.01	......	4.34	......	4.60	......	5.05	......	3.08	......	5.70	......	0.95	......	1.10	......	....	......	4.81	......	..	......
Boughton	3.54	......	5.33	......	6.64	......	4.91	......	10.56	......	0.47	......	1.16	......	4.47	......	2.84	......	0.57	......	6.97	......	10.65	......	58.11	......
Brinkley	2.52	−2.76	6.74	+2.64	6.52	+1.09	7.35	+2.08	6.83	+2.15	1.52	−2.05	1.13	− 2.78	2.74	−0.62	2.69	−0.61	0.59	−2.49	4.42	+0.27	11.93	+7.01	54 98	+ 3.93
Burdette	1.65	......	10.45	......	7.28	......	5.65	......	3.08	......	2.75	......	4.09	......	3.50	......	4.33	......	0.30	......	3.77	......	10.63	......	57.48	......
Calico Rock	1.31	−2.29	6 97	+4.36	4.74	+1.17	5.25	+0.56	4.94	+0.31	2.36	−1.45	3.52	−0.03	3.12	−1.32	1.12	−2.38	0.56	−2 82	3.67	+0.51	5.04	+1.72	42.60	− 1.66
Camden	5.36	+0.44	10.47	+6.46	6.54	+1.52	5.02	+0.20	10.14	+5.80	3.16	−0.98	1.68	−2.42	3.82	+0.96	1.87	−1.20	0.01	−2.83	3.31	−1.13	11.79	+6.75	63.17	+13.57
Camp Chaffee	....	......	....	......	....	......	....	......	....	......	....	......	....	......	7.63	......	0.41	......	0.81	......	3.41	......	4.45	......	...	......
Camp Robinson	2.36	......	4.72	......	6.43	......	6 22	......	7.90	......	0.91	......	3.49	......	3.68	......	1.58	......	0.21	......	4.97	......	8.42	......	50 89	......
Carlisle	2.44	......	6.33	......	5.97	......	4.72	......	5.70	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Clarendon	2.60	−2.21	7.80	+3.79	6.25	+1.35	6 93	+1.46	3.78	−0.71	0.97	−2.67	1.42	−2.10	3.36	−0.17	1.79	−1.51	0.39	−2.75	4.67	+0.65	10.00	+4.93	49.96	+ 0.06
Cold Springs	3 37	......	7.72	......	5.76	......	5.95	......	5.92	......	4.02	......	3.27	......	5.89	......	0.93	......	0.28	......	5.48	......	6.00	......	54.59	......
Conway	2 89	−1.61	9.93	+6.19	5.54	+0.98	8.15	+3.19	6.99	+1.88	1.92	−2.15	3.58	+0.04	2.87	−0.49	1.15	−2.25	0.21	−2.83	7.05	+3.03	8.98	+4.75	59.26	+10.73
Corning	0.58	−3.86	5.56	+2.12	3.39	−1.27	6.74	+1.77	5 26	+0.92	2.04	−1.97	2.02	−1.66	3.38	−0.26	3.78	+0.26	2.70	−0.79	4.29	+0.75	4.86	+1.16	44.60	− 2.83
Cotter	1.62	−1.73	6.38	+3 45	3.24	+0.27	3 53	−0.80	2.10	−2.64	3.81	−0.71	1.63	−1.42	6.56	+3.19	2.97	−0.24	1 00	−2.97	4.72	+1.67	4 13	+0.78	41.69	− 1.15
Crossett	5.18	−0.47	11.44	+7.96	10.73	+5.82	4.71	−0.04	9.10	+5.14	0.71	−3.52	2.47	−2.32	6.12	+2.96	0.91	−1.50	0.11	−3.64	3.93	−0.35	12 51	+7.19	67 92	+17.23
Crystal Valley	1.68	......	6.81	......	6.07	......	....	......	7.90	......	0.35	......	4.07	....	8.32	......	1.27	......	T.	......	6.10	......	9.94	......	.. ..	......
Cummins	....	......	....	......	....	......	....	......	.. ..	......	....	......	1.78	......	5.57	......	3.20	......	0.00	......	4.40	......	10.05	......	....	......
Danville	2.53	−1.59	7.23	+4.29	5.41	+1.43	4.96	−0.22	6.62	+1.76	6 67	+2.50	5.08	+1.89	6.81	+3.64	0.49	−2.88	1.31	−2.72	5.36	+1.75	6 32	+2.70	58.79	+12.55
Dardanelle	2.97	−0.66	7.20	+4.07	4.55	+0.23	6.60	+2.25	5 30	+0.04	3.67	−0.24	4.08	+0.68	3.28	−0.31	1.11	−2.25	1.24	−1.88	6.33	+2.85	6.97	+3.49	53.30	+ 8.27
Denmark	1.46	......	8.44	......	5.10	......	6.32	......	4.62	......	3 41	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
De Queen	3.04	......	5.61	......	6 60	......	4.69	......	8.57	......	1.56	......	2.57	......	5.05	......	2.26	......	1.16	......	5.14	......	10.36	......	56.61	......
Dermott	5.21	......	13.78	......	11.43	......	5.98	......	11.70	......	1.10	......	1.50	......	4.24	......	2.27	......	T.	......	3.29	......	10.28	......	70.78	......
Des Arc	2.16	......	7.00	......	6.32	......	5.26	......	6.51	......	3.99	......	1.93	......	2.23	......	1.59	......	0.32	......	4.82	......	9.00	......	51.13	......
Devils Knob	2.49	......	6 38	......	5.09	......	8.72	......	7.84	......	7.65	......	6.27	......	11.35	......	2.06	......	3.14	......	5.51	......	4.26	......	70.76	......
Dumas	4.07	−1.00	8.29	+4.21	6.69	+0.99	5.36	+0.53	6 36	+1.76	1.16	−2.53	1 71	−2.39	4.32	+0.99	2.48	−0.50	T.	−3 14	4.23	−0.05	11.02	+5.04	55.69	+ 3.91
Eagle Gap	3.22	.. ...	8.43	......	5.28	......	8.67	......	8 17	......	6.60	......	2.69	......	8.52	......	0.93	......	0.74	......	8.13	......	6.69	......	68.07	......
El Dorado	5.13	+0.55	11.01	+6.85	8.06	+3.03	7.76	+2.43	11.64	+7.07	1.04	−2.79	2.84	−1.70	7.96	+4.76	2.62	−0.23	0.19	−2.99	5.89	+1.07	11.64	+5.25	75.69	+23.30
Eleven Point	0.97	......	5.91	......	3.65	......	10 22	......	4.31	......	2 49	......	1.76	......	2.50	......	2 26	......	1.45	......	3.24	......	4.35	......	43.11	......
England	1.52	−3.41	5.99	+1.96	6.74	+1.94	6.07	+0.41	9.60	+5.26	1.37	−2.17	2.24	−0.83	3.17	−0.23	0.63	−2.53	....	......	6.09	+2.46	11.78	+7.09	.....	......
Eureka Springs	1 56	−1.77	4.80	+2.17	5.91	+2.16	3.73	−1.27	4.82	−0.87	6.24	+0.54	2.56	−1.24	4.89	+0.13	2.82	−1.71	4.07	+0.08	1.63	−1.70	3.04	+0.06	46.07	− 3.42
Evening Shade	1.20	......	6.46	......	4.13	......	7.02	......	4.91	......	1.82	......	3.06	......	1.43	......	1.69	......	2.19	......	4.92	......	4.36	......	43.19	......
Fayetteville	1.48	.. ...	4.62	......	6.59	......	5.39	......	5.25	......	6.55	......	2.22	......	7.86	......	2.75	......	2.97	......	1.35	......	2.93	......	49.96	......
Fayetteville Exp.	1.30	−1.66	4.23	+1.80	5.95	+2.49	5.25	+0.57	5.49	+0.25	7.25	+2.63	2.21	−1.58	6.37	+2.40	1.99	−1.98	3.63	+0.02	1.58	−1.54	2.72	−0.05	47.97	+ 3.35
Fordyce	3.55	......	9.19	......	6.08	......	4.56	......	7.46	......	2.47	......	2 26	......	6.02	......	3.27	......	0.00	......	5.98	......	12 15	......	62.99	......
Forester	5 38	......	7.48	......	5.70	......	4 68	......	1.88	......	1.59	......	1.43	......	2 08	......	0.96	......	0.33	......	5.99	......	7.71	......	45.41	......
Fort Smith	2.07	−0.47	5.80	+3.16	5.18	+2.17	4.78	+0.84	6.06	+1.24	4.45	+0.73	2.28	−1.09	7.19	+3.91	0.39	−2.60	3.32	+0.33	2.97	+0.10	4.36	+1.60	48.85	+ 9.92
Ft. Smith WaterPt.	1.45	......	4.33	......	3.89	......	6.51	......	7.09	......	7.38	......	3.20	......	6.60	......	0.90	......	2 72	......	4.26	......	3.36	......	51 69	......
Fulton	3.66	−0.97	8.34	+5.12	6.12	+1.64	6 66	+2.07	9.63	+5.22	0.63	−3.29	2.50	−1.08	8.13	+5.36	0.73	−1.80	0.80	−1.77	7.66	+3.88	9.43	+5.43	64.29	+19.81
Garland	....	......	....	......	5.87	......	4.79	......	7.94	......	1.58	......	1.42	......	7.78	...	1.02	......	0.14	......	4.40	......	10.72	......	......	......
Georgetown	1 55	−4.04	7.80	+4 12	7.04	+2.13	4.61	−0.55	5.04	+0.86	2.79	−1.23	1.87	−1.39	3.83	+0.30	1.72	−1.78	1.45	−1.98	4.05	+0 21	6.94	+2.46	48.69	− 0.89
Gilbert	1.12	−2.55	6.54	+3 76	4.50	+1.75	3.45	−1.78	7.47	+2.83	3.18	−0.60	1.57	−1.49	5.84	+1.85	1.34	−2.45	0.05	−4.42	4.80	+1.90	4.35	+1.05	44.21	− 0.15
Glenwood	2.52	......	6.25	......	6.88	......	7.92	......	11.64	......	3.24	......	1.51	......	4.27	......	1.34	......	0.23	......	7.84	......	11.81	......	65.45	......
Grannis	3.01	−1.96	9.98	+5.92	6.85	+2.59	6.21	+0.33	9.27	+3.43	1.86	−3.22	2.09	−2.64	5.01	+1.65	0.79	−3.70	1.04	−3.30	4.72	−0.10	8.17	+3.35	59.03	+ 2 35
Gravelly	3.08	......	6.41	......	4.79	......	8.24	......	4.01	......	2.77	......	2 63	......	4.83	......	T.	......	0.96	.. ..	5.54	......	7.27	......	50.53	......
Gravette	0.79	−2.00	5.60	+3.45	4.17	+0.78	6.19	+1.48	4.83	−0.48	4.59	−1.02	1.86	−2.27	4.36	+0.30	3.11	−1.14	2.58	−1.38	2.03	−1.24	2.36	0 00	41.97	− 3.52
Green Forest	....	......	5.96	......	4.72	......	2.83	....	6.52	......	3.82	......	0.71	......	4.69	......	2.44	......	2.37	......	1.55	......	2.81	......	.....	......
Green Mountain	2.15	......	7.80	......	4.15	......	6.00	......	3.80	......	2.85	....	2.10	......	3.10	......	0.73	......	0.30	......	4.55	......	5.55	......	43.08	......

Monthly and Annual Precipitation for the year 1944, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Greenwood	2.02	......	5.33	......	4.58	......	3.90	......	5.16	......	5.48	......	3.35	......	8.04	......	1.05	......	0.66	......	4.18	......	4.05	......	47.80	......
Harrisburg	1.42	......	9.82	......	6.00	......	10.09	......	3.44	......	1.89	......	2.16	......	2.87	......	3.59	......	2.50	......	4.18	......	9.76	......	57.72	......
Harrison	1.71	−1.39	5.38	+2.76	4.29	+1.17	4.04	−0.70	3.34	−1.83	2.82	−1.65	0.71	−2.82	5.00	+1.43	2.11	−1.93	1.13	−2.12	2.20	−0.58	2.67	+0.18	35.40	− 7.48
Heber Springs	1.26	−3.38	7.14	+4.70	4.27	+0.34	10.18	+5.87	5.92	+1.17	3.03	−1.30	1.54	−2.22	5.42	+1.88	2.82	−1.68	2.25	−0.59	3.62	+0.72	7.58	+4.01	55.03	+ 8.68
Helena	2.30	−3.27	6.36	+1.83	7.58	+1.62	7.10	+1.52	2.85	−1.60	1.75	−2.05	3.06	−0.85	5.38	+1.80	2.66	−0.59	0.48	−2.29	3.89	−0.69	11.33	+6.32	54.72	+ 1.75
Henderson	1.60	......	5.46	......	4.41	......	5.74	......	3.57	......	3.27	......	1.85	......	3.75	......	2.78	......	0.99	......	3.93	......	4.16	......	41.51	......
Highland	2.60	−2.11	5.55	+1.71	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Hollis	2.12	......	7.64	......	6.29	......	9.26	......	3.49	......	3.33	......	2.20	......	4.97	......	0.34	......	0.56	......	......	......	......	......	......	......
Hope	3.68	−1.37	7.48	+3.42	6.90	+1.90	6.06	+0.75	9.58	+4.55	1.40	−2.37	1.88	−2.56	5.95	+2.66	1.52	−1.55	0.12	−3.11	8.97	+4.44	10.06	+5.49	63.60	+12.25
Hot Springs	2.35	−2.70	7.09	+3.41	6.46	+1.69	11.61	+5.66	8.90	+3.26	1.61	−3.10	2.84	−1.34	5.58	+1.90	1.01	−2.41	0.35	−2.92	7.79	+3.47	10.85	+6.31	66.42	+13.23
Huttig	4.28	......	11.20	......	9.50	......	4.76	......	8.22	......	2.40	......	1.50	......	7.15	......	2.35	......	0.78	......	4.85	......	10.10	......	67.09	......
Index	4.40	−0.07	8.25	+5.01	8.10	+3.90	6.08	+1.37	10.21	+6.31	2.00	−1.46	1.00	−3.18	7.76	+4.94	0.75	−1.86	0.93	−2.02	7.15	+2.90	9.54	+5.22	66.37	+21.06
Jessieville	2.11	−3.61	5.18	+1.28	7.15	+2.96	11.84	+5.28	6.50	+1.17	4.42	−0.07	5.24	+1.69	7.65	+3.68	0.70	−2.14	0.42	−3.11	5.09	+0.47	7.34	+2.97	63.64	+10.57
Jonesboro	2.06	−3.11	8.94	+5.21	5.67	+0.96	7.88	+3.34	2.69	−1.38	3.67	−0.10	1.51	−1.80	3.49	0.00	3.12	−0.29	1.75	−1.55	3.00	−0.43	8.14	+3.82	51.92	+ 4.67
La Crosse	1.44	......	6.57	......	3.67	......	5.22	......	4.70	......	3.29	......	3.46	......	3.15	......	1.82	......	0.51	......	5.35	......	5.15	......	44.33	......
Lake City	1.72	......	3.39	......	3.95	......	7.58	......	1.88	......	0.52	......	1.97	......	0.67	......	0.46	......	T.	......	2.87	......	7.09	......	32.10	......
Lead Hill	1.58	−1.37	5.63	+2.52	3.89	+0.19	4.13	+0.10	3.87	−1.38	3.85	−0.66	2.58	−1.21	3.59	−0.34	1.79	−1.77	1.07	−2.36	2.41	−1.07	2.51	−0.52	36.90	− 7.87
Little Rock	2.06	−2.67	5.98	+1.98	7.86	+3.24	4.71	−0.48	5.02	+0.24	1.54	−2.22	3.35	−0.15	2.82	−0.93	1.07	−2.10	0.01	−2.70	6.08	+1.89	8.33	+4.19	48.83	+ 0.29
Lutherville	2.17	−1.98	7.04	+3.65	5.33	+1.18	5.88	+0.92	8.07	+2.71	4.22	−0.39	5.34	+1.76	6.15	+2.34	1.65	−2.50	2.70	−1.45	3.05	−0.63	6.64	+2.49	58.24	+ 8.10
Madison	2.50	−3.56	9.88	+5.55	6.07	+1.14	7.57	+3.59	1.45	−2.37	1.50	−1.69	3.30	−0.30	2.25	−1.22	3.46	+0.90	1.05	−2.27	3.45	−0.89	10.05	+4.69	52.53	+ 3.77
Magnolia	5.05	−0.24	12.11	+8.17	5.03	+0.48	6.92	+2.50	9.10	+4.70	1.06	−2.17	2.47	−1.72	3.76	+1.31	3.60	+1.63	T.	−2.90	4.50	−0.24	13.32	+7.75	66.92	+19.27
Mammoth Spring	1.22	−2.58	6.06	+3.38	4.05	+0.65	6.08	+0.97	5.47	+0.96	1.68	−2.62	2.40	−1.21	0.98	−3.21	1.17	−2.47	1.58	−2.05	3.66	+0.20	3.93	+0.65	38.28	− 7.33
Marianna	3.48	−1.32	7.54	+3.71	7.42	+2.71	5.87	+1.76	2.24	−1.67	0.67	−2.89	2.83	−0.68	4.23	+1.26	1.47	−1.19	0.88	−2.44	5.30	+1.93	11.24	+6.80	53.17	+ 7.98
Marked Tree	1.91	−3.73	......	......	5.99	+0.89	10.16	+4.58	2.96	−1.90	1.73	−1.70	2.30	−1.43	1.17	−2.52	3.64	+0.73	1.85	−1.97	3.85	−0.27	8.69	+4.25	......	......
Marshall	1.38	−2.04	7.04	+4.62	5.35	+1.39	5.08	+1.09	6.57	+0.04	3.76	−0.89	1.82	−1.83	4.38	−1.07	1.13	−3.13	0.21	−3.96	4.74	+1.08	5.29	+1.60	46.75	− 5.28
Marvell	......	......	......	......	......	......	5.41	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Mena	3.46	−0.57	8.40	+5.08	7.05	+2.59	6.37	+0.77	8.58	+2.40	6.88	+1.94	1.86	−2.11	7.60	+3.33	0.40	−3.53	0.73	−2.97	4.34	+0.74	7.82	+3.93	63.49	+11.60
Monticello	4.96	......	10.77	......	9.77	......	5.70	......	10.43	......	1.01	......	2.48	......	5.91	......	1.96	......	0.11	......	3.10	......	13.43	......	69.63	......
Morobay	4.92	......	9.93	......	8.80	......	8.10	......	9.53	......	1.19	......	1.00	......	6.48	......	3.35	......	0.03	......	4.28	......	10.90	......	68.51	......
Morrilton	1.82	−2.27	8.74	+5.66	6.55	+2.54	5.78	+0.84	6.77	+2.32	4.00	+0.07	4.06	+1.64	3.97	+1.00	1.10	−1.78	0.68	−3.13	4.94	+0.97	7.24	+3.34	55.65	+11.20
Mountainburg	1.84	......	4.65	......	4.76	......	6.43	......	7.80	......	7.02	......	3.47	......	8.68	......	0.80	......	3.46	......	5.19	......	3.53	......	57.63	......
Mountain Home	1.20	−1.89	5.83	+3.30	3.65	−0.03	3.49	−1.25	4.25	−0.94	3.42	−1.16	1.73	−1.91	2.79	−1.07	2.40	−1.49	1.00	−3.09	3.90	+0.67	3.94	+0.38	37.60	− 8.48
Mountain Valley	......	......	6.38	......	6.08	......	12.59	......	7.99	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Mountain View	1.17	......	8.14	......	2.20	......	6.86	......	5.89	......	4.46	......	1.54	......	3.08	......	......	......	......	......	......	......	......	......	......	......
Mount Ida	2.75	−1.72	9.07	+5.16	7.74	+3.31	9.60	+3.76	9.33	+3.87	1.79	−2.48	2.02	−1.56	6.59	+3.10	0.33	−3.25	0.58	−3.20	5.15	+0.95	9.75	+5.54	64.70	+13.48
Mulberry	1.58	......	6.54	......	5.18	......	5.68	......	4.03	......	9.76	......	3.22	......	7.41	......	0.72	......	3.47	......	3.79	......	4.22	......	55.60	......
Nashville	4.05	......	5.56	......	8.11	......	6.88	......	12.92	......	2.11	......	1.57	......	5.72	......	4.05	......	0.97	......	6.87	......	10.01	......	68.82	......
Newhope	3.17	......	6.51	......	7.32	......	5.91	......	12.92	......	3.79	......	0.95	......	4.17	......	1.50	......	1.22	......	6.95	......	5.38	......	59.79	......
Newport	1.66	−3.42	7.16	+3.64	5.14	+0.38	7.84	+2.94	3.13	−1.10	1.62	−2.21	1.71	−1.56	3.74	+0.24	3.38	−0.08	3.74	+0.80	4.22	+0.07	8.31	+4.28	51.65	+ 3.98
Nimrod Dam	2.49	......	7.67	......	6.79	......	6.97	......	5.43	......	4.14	......	5.55	......	6.02	......	0.66	......	1.97	......	4.25	......	8.59	......	60.53	......
Odell	1.57	......	4.38	......	4.80	......	5.86	......	5.15	......	7.32	......	2.97	......	11.12	......	1.61	......	3.49	......	3.35	......	2.29	......	53.91	......
Oden	3.69	−0.57	7.19	+3.59	6.63	+3.03	11.32	+5.53	9.07	+4.46	4.30	+0.34	2.50	−0.84	5.53	+2.17	0.47	−2.70	1.42	−1.70	4.88	+0.86	11.09	+7.36	68.69	+21.53
Okay	3.68	−1.14	7.02	+3.17	8.29	+4.22	5.79	+1.22	10.54	+6.12	1.46	−1.76	1.51	−2.34	6.23	+3.48	2.45	−0.35	0.67	−2.25	8.50	+4.23	11.00	+6.21	67.14	+20.81
Osceola	1.33	−3.42	9.49	+6.07	6.33	+1.28	5.80	+1.34	3.68	−1.12	2.86	−0.42	3.05	−0.41	2.15	−1.18	4.61	+1.89	0.84	−1.91	3.33	−0.73	8.55	+4.64	52.02	+ 6.03
Ozark	2.37	−0.74	6.00	+3.25	4.32	+0.56	4.95	+0.32	4.68	−0.66	7.74	+3.35	4.05	+0.87	4.25	+0.47	1.57	−1.88	1.98	−1.38	5.47	+2.39	4.15	+0.77	51.53	+ 7.32
Paragould	2.10	−3.35	8.39	+4.61	5.42	+0.58	8.04	+3.34	2.96	−1.22	0.72	−2.97	4.68	+1.47	4.43	+0.49	2.86	+0.34	1.50	−1.55	3.12	−0.32	7.16	+2.88	51.38	+ 4.30
Parkin	1.93	−3.90	10.27	+6.37	4.95	−0.25	5.97	+1.78	2.28	−0.89	1.36	−2.19	1.98	−1.72	2.95	−0.38	2.96	+0.27	1.29	−2.26	3.30	−0.54	9.15	+4.08	48.39	+ 0.37
Perryville	2.48	−1.92	6.83	+3.41	6.30	+2.44	6.74	+1.48	6.62	+0.88	4.04	−0.86	5.85	+1.60	4.95	+0.90	0.94	−2.56	T.	−3.50	5.12	+1.52	6.45	+2.47	56.82	+ 5.86
Pine Bluff	2.64	−2.70	6.83	+2.72	7.33	+2.15	6.28	+0.82	8.68	+4.20	1.39	−2.42	2.43	−1.24	2.28	−0.66	1.32	−2.09	0.13	−2.75	4.65	+0.44	10.89	+5.67	54.85	+ 4.14
Pine Ridge	3.57	−1.05	7.84	+4.12	6.18	+1.98	6.93	+0.86	10.06	+5.00	5.49	+1.11	1.90	−2.07	7.49	+4.68	0.33	−2.98	0.61	−3.61	4.61	+0.36	9.50	+5.56	64.51	+13.96
Pocahontas	0.78	−3.70	5.78	+2.48	3.77	−0.80	8.73	+3.91	4.13	−0.52	0.79	−3.39	2.49	−1.59	2.35	−2.11	1.19	−2.23	1.63	−1.71	4.69	+1.08	5.01	+1.21	41.34	− 7.37
Portland	4.85	+0.02	9.78	+5.60	10.47	+5.38	7.21	+2.20	5.77	+1.07	0.34	−2.95	1.10	−2.96	6.09	+2.97	2.38	−0.21	0.05	−2.99	5.64	+1.49	10.37	+4.64	64.05	+14.26
Prescott	3.25	−1.58	6.78	+2.99	6.64	+2.20	4.69	−0.45	9.98	+5.18	0.64	−3.18	1.84	−1.51	3.02	−0.19	1.75	−1.19	0.03	−2.62	7.63	+3.95	9.56	+4.98	55.81	+ 8.38
Red Star	1.41	......	6.39	......	5.66	......	5.09	......	5.17	......	9.58	......	2.78	......	3.25	......	1.20	......	1.14	......	4.05	......	3.40	......	49.12	......
Rogers	1.34	−1.38	5.47	+3.45	4.51	+0.97	4.81	+0.22	5.00	−0.08	4.76	−0.11	3.23	−0.53	6.69	+2.94	2.83	−1.23	2.55	−0.95	2.34	−0.75	2.88	+0.45	46.41	+ 3.00
Rosebud	2.05	......	9.40	......	5.07	......	6.09	......	6.11	......	2.15	......	1.88	......	4.37	......	2.04	......	1.84	......	7.93	......	9.25	......	68.18	......
Russellville	2.89	−1.02	7.33	+4.02	5.04	+0.72	8.62	+4.42	5.07	+0.39	4.20	+0.01	2.96	−1.26	3.62	+0.03	0.70	−3.16	1.48	−1.52	4.31	+0.42	6.39	+3.18	52.61	+ 5.45
St. Charles	3.03	......	6.64	......	8.08	......	5.74	......	3.83	......	0.90	......	1.80	......	6.40	......	1.97	......	0.40	......	4.36	......	11.58	......	54.13	......
St. Francis	0.99	−4.82	6.06	+1.76	3.89	−1.08	10.76	+6.35	3.24	−0.49	1.66	−2.40	2.21	−2.17	3.80	−0.30	2.18	−1.63	1.15	−2.58	4.83	+1.19	5.22	+1.08	45.99	− 5.14
Searcy	1.63	−3.37	8.60	+5.20	6.01	+1.45	4.24	−0.68	6.56	+2.16	2.96	−1.09	1.56	−1.45	2.78	−0.87	1.47	−1.57	1.16	−1.99	6.04	+1.68	9.22	+4.75	52.23	+ 4.22
Sheridan (near)	3.01	......	6.18	......	7.65	......	7.53	......	8.48	......	2.07	......	4.22	......	6.17	......	1.18	......	0.06	......	4.43	......	11.84	......	62.82	......
Shirley	1.00	......	7.37	......	4.30	......	11.29	......	6.90	......	4.43	......	4.24	......	3.78	......	1.25	......	1.45	......	6.68	......	6.08	......	58.77	......
Siloam Springs	1.01	......	5.31	......	6.83	......	4.85	......	4.35	......	3.97	......	2.94	......	4.98	......	2.72	......	2.21	......	2.28	......	2.36	......	43.81	......
Sparkman	3.17	......	7.76	......	5.92	......	4.29	......	6.78	......	1.77	......	1.54	......	4.34	......	1.52	......	0.11	......	6.11	......	11.53	......	54.84	......
Stamps	6.85	......	13.51	......	6.74	......	6.22	......	6.82	......	1.12	......	1.67	......	5.44	......	1.63	......	0.04	......	3.95	......	11.83	......	65.82	......
Stephens	6.89	......	10.91	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Steve	......	......	7.55	......	5.94	......	8.95	......	4.89	......	2.37	......	3.69	......	6.83	......	T.	......	0.00	......	4.59	......	......	......	......	......
Story	4.87	+0.87	5.44	+2.02	7.16	+3.38	10.06	+3.81	5.65	+1.27	3.06	−0.34	2.17	−1.43	7.12	+4.16	0.55	−2.37	0.44	−3.06	3.86	−0.17	9.52	+5.10	59.90	+13.24
Stuttgart	3.03	−2.26	7.31	+3.23	7.63	+2.27	5.64	+0.65	2.96	−1.70	0.83	−3.09	3.91	+0.07	4.16	+0.65	0.62	−2.53	0.00	−3.09	5.88	+1.78	11.01	+6.07	52.98	+ 2.05
Stuttgart (Evap.)	2.39	......	8.35	......	7.74	......	6.81	......	3.51	......	1.38	......	2.15	......	3.79	......	4.25	......	0.40	......	4.74	......	11.15	......	56.66	......
Subiaco	3.23	−0.39	6.69	+3.79	5.37	+1.60	3.93	−0.61	6.45	+1.37	7.74	+3.68	5.27	+2.10	3.85	+0.24	0.59	−2.85	1.11	−2.42	3.63	+0.41	5.13	+1.73	52.99	+ 8.65
Sugar Grove	3.82	......	6.62	......	5.07	......	4.75	......	6.12	......	4.56	......	4.79	......	4.44	......	0.40	......	0.42	......	4.84	......	4.84	......	50.67	......
Texarkana	4.11	+0.02	8.19	+4.92	6.27	+2.00	8.00	+2.96	6.89	+2.64	2.73	−0.96	0.67	−3.01	8.49	+5.43	1.86	−6.91	1.10	−1.97	8.66	+5.03	9.45	+5.25	66.45	+19.29
Tichnor	......	......	......	......	......	......	5.62	......	4.54	......	0.95	......	4.34	......	4.01	......	1.78	......	0.00	......	4.46	......	10.39	......	......	......
Turnpike	1.67	−2.87	7.30	+3.95	6.20	+2.33	8.40	−3.14	7.49	+2.09	6.35	+1.41	3.76	+0.37	8.58	+4.61	1.35	−3.65	3.44	−1.72	5.91	+1.76	5.01	+0.82	65.46	+12.24
Viola	1.45	......	5.77	......	4.25	......	5.56	......	3.65	......	2.36	......	1.74	......	4.15	......	2.12	......	0.71	......	4.13	......	4.05	......	39.94	......
Waldron	2.68	−1.26	6.47	+3.03	4.59	+0.94	4.78	−0.62	6.20	+0.97	4.79	+0.33	2.75	−0.26	3.77	+0.62	0.62	−2.64	1.35	−2.57	4.70	+1.08	5.01	+1.47	47.71	+ 1.09
Walnut Grove	1.72	......	8.81	......	4.23	......	6.13	......	4.56	......	4.65	......	1.53	......	3.33	......	3.34	......	0.10	......	4.48	......	7.03	......	49.91	......
Warren	4.97	+0.07	10.89	+6.55	9.27	+3.96	6.22	+1.02	12.71	+8.32	1.15	−2.61	1.07	−2.94	8.31	+4.95	1.90	−1.48	0.39	−2.86	3.70	−0.50	14.37	+8.74	74.95	+23.22
Whitecliffs	4.42	+0.39	7.14	+3.77	9.68	+5.39	8.85	+3.41	12.10	+7.56	2.01	−1.60	0.56	−2.26	4.18	+1.23	1.94	−0.59	0.92	−2.22	8.19	+4.93	10.82	+6.37	70.81	+26.38
White Rock	1.47	......	5.73	......	6.02	......	10.05	......	4.34	......	10.30	......	3.03	......	9.99	......	1.56	......	3.55	......	5.13	......	3.91	......	65.08	......
Wilson	1.60	−4.18	10.43	+7.25	5.34	+0.89	6.84	+2.12	3.61	−0.62	2.04	−0.93	3.90	+0.30	2.10	−1.41	4.18	+1.87	1.35	−1.75	4.27	+0.63	9.06	+4.48	54.72	+ 8.65
Wynne	1.54	−3.83	9.77	+6.03	4.80	−0.30	8.16	+2.69	3.86	−0.45	0.99	−1.78	2.17	−1.51	2.45	−1.36	2.76	−0.52	1.93	−1.73	5.19	+1.35	9.72	+4.92	53.34	+ 3.51

Monthly and Annual Mean Temperature for the Year 1944, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	43.2	......	48.8	......	51.3	......	60.4	......	68.6	......	79.4	......	79.8	......	78.5	......	73.6	......	64.6	......	51.5	......	38.2	......	61.5	......
Arkadelphia	42.8	− 1.2	50.0	+ 4.5	55.5	− 0.7	....	......	73.2	+ 2.7	82.2	+ 4.5	83.8	+ 2.9	82.9	+ 2.2	76.4	0.0	65.0	+ 0.6	53.8	+ 0.4	38.9	− 6.1	....	......
Batesville (Airway)	41.7	+ 3.3	47.0	+ 6.2	49.3	− 1.2	58.6	− 0.6	70.4	+ 3.0	79.3	+ 3.2	80.9	+ 0.8	81.0	+ 1.6	73.8	+ 0.8	62.8	+ 1.6	50.4	+ 1.3	35.4	− 5.2	60.9	+ 1.3
Batesville (Livestock)	40.4	....	44.1	......	47.6	......	57.2	......	68.2	......	77.8	......	78.8	......	79.4^{a}	......	72.6	......	61.7	......	49.5	......	33.4	......	59.2	......
Bee Branch	41.6	+ 1.2	46.6	+ 4.0	48.4	− 3.2	58.0	− 2.8	67.9	− 0.4	77.2	+ 0.6	81.8	+ 1.1	80.8	+ 0.9	75.6	+ 1.2	65.0	+ 2.4	55.6	+ 5.0	36.6	− 5.3	61.3	+ 0.4
Benton	38.6	......	45.8	......	49.3	......	68.2	......	67.8	......	77.8	......	79.8	......	78.7	......	71.9	......	61.2	......	50.1	......	35.0	......	59.6	......
Bentonville	38.4	+ 1.3	42.0	+ 2.0	44.6	− 3.4	54.4	− 3.2	67.4	+ 2.4	75.2	+ 1.4	81.3	+ 3.3	....	......	71.2	+ 0.3	62.4	+ 3.2	49.6	+ 1.3	34.0	− 4.4	....	......
Bethesda	40.6	......	43.8	......	47.2	......	57.4	......	69.4	......	78.2	......	78.2	......	79.0	......	72.1	......	61.0	......	48.6	......	33.2	......	59.1	......
Bluff City	45.4	......	52.2	......	55.3	......	63.7	......	71.3	......	80.6	......	83.2	......	81.7	......	....	......	66.8	......	56.0	......	42.5	......	....	......
Blytheville	39.2	− 0.7	44.8	+ 1.6	49.6	− 2.1	58.4	− 2.8	70.8	+ 0.7	79.2	+ 1.4	79.1^{b}	+ 2.5	79.4	− 0.7	73.4	− 1.1	62.4	− 1.3	50.6^{b}	+ 0.2	36.0^{a}	− 6.5	60.2	− 1.2
Booneville	41.4	+ 0.2	48.4	+ 3.1	52.0	− 1.0	61.3	− 0.9	70.4	+ 0.6	78.8	+ 1.0	81.3	− 1.3	80.4	− 1.9	73.4	− 2.4	64.4	− 0.1	53.8	+ 2.0	39.4	− 4.8	62.1	− 0.4
Brinkley	41.8	− 0.2	49.0	+ 5.0	51.4	− 2.2	60.0	− 1.9	70.9	+ 1.2	79.7	+ 1.9	80.2	− 1.0	80.4	− 0.4	73.6	− 1.3	61.6	− 1.4	51.4	− 0.2	37.6	− 6.1	61.5	− 0.5
Camden	45.8	+ 1.3	52.4	+ 5.3	56.6	+ 1.2	64.4	+ 1.1	72.4	+ 1.3	80.8	+ 2.4	82.9	+ 1.5	82.5	+ 1.8	75.1	− 0.6	63.8	− 0.5	56.0	+ 2.6	44.4	− 0.9	64.8	+ 1.4
Camp Chaffee	....	......	....	......	....	......	....	......	....	......	....	......	....	......	81.4	......	74.3	......	65.1	......	53.0	......	37.5	......	....	......
Camp Robinson	42.2	......	47.3	......	50.5	......	59.4	......	69.0	......	78.5	......	81.5	......	75.7	......	73.4^{b}	......	63.5	......	51.3	......	38.6^{c}	......	60.9	......
Conway	43.0	+ 1.1	49.5	+ 5.0	52.1	− 1.6	61.6	− 0.6	71.1	+ 1.2	80.6	+ 2.3	83.3	+ 1.3	81.1	− 0.6	76.5	+ 0.8	66.0	+ 2.2	54.0	+ 2.3	39.4	− 3.7	63.2	+ 0.8
Corning	41.2	+ 3.4	46.5	+ 6.6	51.0	+ 9.1	60.3	− 0.3	71.6	+ 3.3	80.2	+ 4.0	80.4	+ 0.3	80.3	+ 1.8	73.1	+ 0.4	62.1	+ 1.6	50.4	+ 1.8	35.5	− 4.6	61.0	+ 1.5
Crossett	45.0	+ 0.1	52.9	+ 5.6	56.1	0.0	63.0	− 0.2	71.3	0.0	79.7	+ 1.1	81.7	+ 0.1	81.4	− 0.1	76.1	+ 0.4	63.8	− 1.9	54.8	+ 0.9	43.0	− 3.7	64.1	+ 0.2
Cummins	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	74.8	......	62.9	......	53.0	......	43.0	......	....	......
Dardanelle	41.5	+ 0.4	49.5	+ 4.9	52.8	− 0.7	62.0	− 0.5	72.0	+ 1.8	80.8	+ 2.4	83.6^{b}	+ 1.5	81.1	+ 0.2	75.1	− 0.4	65.4	+ 1.6	54.0	+ 2.3	39.0	− 3.9	63.1	+ 0.8
De Queen	44.3	......	50.7	......	54.0	......	62.4	......	69.9	......	79.1	......	81.2	......	80.6	......	73.4	......	64.2	......	55.2	......	40.8	......	63.0	......
Des Arc	42.4	......	49.0	......	53.2	......	61.8	......	71.7	......	81.0	......	80.8	......	80.2	......	74.0^{a}	......	62.8	......	53.1	......	38.1	......	62.3	......
Devils Knob	38.5^{a}	......	43.0	......	43.7	......	54.2	......	66.1	......	74.4	......	78.4	......	73.9	......	70.2	......	63.4	......	48.2	......	33.0	......	57.2	......
Dumas	43.8	− 0.7	51.8	+ 4.1	56.2	+ 0.4	62.8	− 0.1	73.2	+ 1.9	82.3	+ 3.3	83.7	+ 1.4	83.4	+ 1.6	76.0	− 0.2	64.6	− 0.7	55.2	+ 1.7	41.6	− 4.9	64.6	+ 0.7
El Dorado	46.6	+ 0.4	53.6	+ 4.5	56.6	+ 0.4	64.3	− 0.1	73.3	+ 1.8	83.2	+ 3.5	85.8	+ 3.3	84.6	+ 2.4	79.2	+ 2.0	68.1	+ 1.8	56.2	+ 1.1	42.6	− 4.6	66.2	+ 1.4
England	42.5	− 0.6	49.0	+ 2.5	53.3	− 1.0	61.8	− 0.8	71.0	− 1.2	79.6	+ 1.6	81.6^{c}	0.0	80.0	− 0.9	75.8	+ 0.3	....	......	54.8	+ 2.0	38.5	− 5.8	....	......
Eureka Springs	40.4	+ 2.2	44.8	+ 3.9	47.2	− 3.0	56.8	− 2.3	68.5	+ 1.9	76.0	+ 1.5	79.2	+ 0.3	77.8	− 0.9	71.4	− 0.9	62.9	+ 1.7	50.3	+ 0.4	35.0	− 5.3	59.2	0.0
Fayetteville	40.7	......	45.4	......	48.4	......	58.0	......	68.5	......	76.9	......	78.8	......	78.6	......	71.2	......	62.7	......	51.2	......	36.0	......	59.7	......
Fayetteville Exp.	39.6	+ 1.6	44.0	+ 3.7	47.0	− 2.8	56.8	− 2.1	67.5	+ 1.0	75.3	+ 0.7	78.4	− 0.4	77.6	− 0.9	70.4	− 1.8	62.0	+ 1.0	50.4	+ 1.1	35.6	− 4.6	58.7	− 0.3
Fordyce	46.0	......	51.8	......	55.0	......	63.8	......	71.8	......	82.0	......	83.6	......	82.6	......	77.0	......	67.4	......	55.7	......	42.9	......	65.0	......
Fort Smith	41.5	+ 2.0	47.4	+ 4.6	51.0	− 1.6	61.2	− 0.6	71.6	+ 2.0	80.8	+ 3.3	82.7	+ 1.2	81.6	+ 1.1	74.9	+ 0.9	66.1	+ 3.3	53.6	+ 2.6	38.0	− 4.1	62.5	+ 1.2
Gilbert	37.0	......	41.2	......	46.0	......	55.6	......	66.8	......	73.7	......	77.6	......	76.8	......	70.4	......	59.3	......	48.0	......	33.6	......	57.2	......
Grannis	43.6	+ 2.2	49.6	+ 4.8	52.7	+ 0.8	60.4	+ 0.1	68.9	+ 1.4	78.4	+ 2.9	81.8	+ 2.5	80.4	+ 0.9	74.0	0.0	66.2	+ 2.8	53.8	+ 3.0	39.5	− 5.3	62.4	+ 1.3
Gravette	39.7	+ 3.1	44.0	+ 5.2	47.0	− 1.8	57.0	− 0.2	67.9	+ 2.4	76.1	+ 2.2	79.1	+ 0.8	78.7	+ 0.5	71.0	− 0.2	66.2	+ 2.1	50.6	+ 2.2	35.1	− 3.6	59.0	+ 1.0
Green Mountain	41.5	......	45.6	......	48.2	......	57.0	......	68.4	......	78.8	......	81.2	......	78.0	......	73.1	......	64.4	......	50.4	......	34.7	......	60.1	......
Harrison	40.3	+ 3.6	44.2	+ 5.1	47.6	− 1.3	56.4	− 1.3	67.8	+ 1.7	76.6	+ 2.7	78.6	+ 0.6	78.6	+ 0.9	71.2	+ 0.5	61.8	+ 2.2	50.6	+ 2.2	35.6	− 3.1	59.1	+ 1.1
Helena	43.4	+ 0.4	50.2	+ 5.5	53.6	− 0.3	60.6	− 2.0	71.2	+ 0.5	80.4	+ 2.2	80.8	− 0.6	79.5	− 1.2	74.4	− 1.0	64.0	+ 0.1	53.2	+ 0.4	40.0	− 4.4	62.6	0.0
Highland	45.0	− 0.5	50.7	+ 3.8	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Hope	42.9	− 1.8	49.3	+ 2.1	52.4	− 3.4	61.5	− 2.4	70.6	− 0.4	80.7	+ 2.1	82.8	+ 1.1	82.0	+ 0.2	75.4	− 0.7	65.7	− 0.5	54.6	+ 1.3	40.4	− 6.6	63.2	− 0.7
Hot Springs	45.2	+ 1.9	50.9	+ 4.3	53.1	− 1.2	62.2	− 0.9	70.8	+ 0.6	81.3	+ 3.0	84.6	+ 2.4	81.2	− 0.3	76.8	+ 1.0	68.6	+ 3.8	54.4	+ 0.6	42.4	− 2.1	64.3	+ 1.1
Jonesboro	42.2	+ 2.0	47.4	+ 4.8	50.4	− 1.9	59.4	− 1.9	71.4	+ 1.8	80.6	+ 2.7	81.4	+ 0.2	80.4	+ 0.2	74.2	− 0.2	63.2	+ 0.8	51.2	+ 0.2	36.3	− 5.2	61.5	+ 0.2
Lead Hill	37.8	+ 0.9	43.6	+ 5.3	47.1	− 1.6	56.8	− 2.0	68.6^{b}	+ 1.8	77.0	+ 1.7	78.8	− 1.3	77.6	− 1.4	70.0	− 2.2	59.8	− 0.8	49.4	+ 1.9	33.8	− 5.9	58.4	− 0.3
Little Rock	42.6	+ 1.2	48.9	+ 4.0	51.6	− 1.4	61.0	− 1.1	71.4	+ 1.1	81.0	+ 3.6	82.7	+ 1.8	81.0	+ 1.2	75.7	+ 1.6	65.4	+ 1.8	52.9	+ 0.8	38.0	− 6.2	62.7	+ 0.7
Lutherville	41.0	+ 1.0	47.0	+ 4.7	49.6	− 2.0	58.5	− 1.7	....	......	77.6^{b}	+ 1.6	79.9	− 0.4	78.0	− 1.9	72.8	− 1.3	64.9	+ 2.2	52.7	+ 2.0	36.6	− 5.1	....	......
Magnolia	47.4	+ 0.1	53.4	+ 2.7	57.0	− 0.5	64.0^{a}	− 0.9	72.2	+ 0.2	80.2	+ 0.6	82.2	− 0.4	81.8	− 1.0	74.8	− 3.0	64.8	+ 2.5	56.2	+ 1.2	43.6	− 5.5	64.8	− 0.8
Mammoth Spring	38.6	+ 1.2	45.4	+ 5.3	48.0	− 2.0	57.8	− 1.4	69.4	+ 3.0	78.4	+ 3.6	79.4	+ 0.4	79.6	+ 1.7	72.4	+ 0.7	64.4	+ 0.8	49.7	+ 4.3	34.9	− 4.6	59.5	+ 1.1
Marianna	41.6	− 0.6	49.0	+ 3.6	52.4	− 1.4	59.5	− 3.1	71.0	+ 0.5	78.9	+ 0.3	80.4	− 0.8	79.4	− 1.0	73.2	− 1.1	62.4	− 1.2	52.2	+ 0.2	38.6	− 5.6	61.6	+ 0.8
Marked Tree	40.2^{a}	+ 1.5	....	......	50.1	− 0.5	58.1	− 2.7	71.2	+ 2.1	79.7	+ 1.9	79.8	− 1.2	78.9	− 0.7	72.6	− 1.0	61.8	+ 0.1	49.8	+ 0.9	34.6	− 6.5	....	......
Marshall	41.3	+ 1.7	46.8	+ 4.0	48.0	− 2.8	57.8	− 2.3	69.6	+ 2.9	77.6	+ 2.4	79.6	+ 0.6	78.2	+ 0.1	72.4	+ 0.5	63.2	+ 1.9	51.0	+ 0.6	37.7	− 3.7	60.3	+ 0.5
Mena	43.0	+ 1.6	49.2	+ 5.1	52.6	− 0.1	61.0	− 0.5	69.6	+ 0.9	78.6	+ 2.0	80.0	− 0.3	80.2	+ 0.1	73.6	− 0.7	65.6	+ 2.4	53.9	+ 2.0	39.2	− 3.7	62.2	+ 0.7
Monticello	44.6	......	52.0	......	56.2	......	62.2	......	71.7	......	81.1	......	82.8	......	81.8	......	76.4	......	66.4	......	55.4	......	42.3	......	64.4	......
Morrilton	41.2	+ 0.5	48.9	+ 4.4	51.9	+ 0.3	60.3	− 1.5	72.0	+ 2.7	81.0	+ 2.7	81.8	− 0.8	80.2	− 1.4	73.8	− 1.4	63.8	+ 0.1	52.8	+ 2.1	38.0	− 6.1	62.1	+ 0.1
Mountain Home	40.6	+ 2.9	46.2	+ 4.9	48.6	− 1.4	58.2	− 0.9	70.8	+ 4.1	78.8	+ 4.1	80.6	+ 1.3	79.0	+ 0.4	71.8	− 0.1	62.2	+ 1.5	50.7	+ 2.2	35.1	− 5.0	60.2	+ 1.2
Mount Ida	43.6^{d}	+ 2.7	49.0^{b}	+ 4.4	51.4	− 0.9	60.8	− 0.2	68.4	+ 0.5	77.6	+ 1.8	80.2	+ 0.4	79.4	0.0	72.6	− 0.6	62.4	+ 4.0	52.3	+ 2.2	36.2	− 7.1	61.2	+ 0.6
Nashville	45.4	......	52.4	......	55.3^{b}	......	64.2	......	71.4	......	80.4	......	82.8	......	....	......	....	......	66.0	......	55.8	......	42.0	......	....	......
Newport	43.6	+ 3.9	49.0	+ 6.5	51.4	− 1.3	60.3	− 1.4	72.0	+ 2.1	81.1	+ 3.1	82.0	+ 0.6	81.4	+ 1.0	74.8	+ 0.4	63.7	+ 1.3	51.5	+ 0.6	37.0	− 5.4	62.3	+ 0.9
Nimrod	42.9	......	48.1	......	51.2	......	60.4	......	70.0	......	79.2	......	81.2	......	80.0^{c}	......	75.6	......	65.2	......	54.2^{b}	......	39.4	......	62.3	......
Oden	45.2^{a}	......	....	......	52.5	......	61.2	......	69.8	......	78.7	......	81.5	......	79.8	......	73.8	......	67.4	......	56.8	......	39.4	......	....	......
Okay	46.0	+ 1.1	52.3	+ 3.5	55.6	− 0.4	64.4	0.0	71.3	+ 0.4	81.0	+ 2.0	83.4^{a}	+ 0.6	82.8^{a}	+ 0.1	73.8	− 3.3	65.6	− 0.5	57.4	+ 4.3	41.6	− 5.5	64.6	+ 0.2
Ozark	40.2	+ 0.1	47.4	+ 4.0	50.9	− 1.9	60.1	− 1.6	70.0	+ 0.5	77.8	0.0	80.8	− 1.3	80.6	− 1.4	73.8	− 1.8	64.2	+ 0.6	53.4	+ 2.3	38.6	− 3.4	61.5	− 0.3
Paragould	41.0	......	46.6	......	49.2	......	58.8	......	70.8	......	79.8	......	80.0	......	79.2	......	72.4	......	60.8	......	50.4	......	35.3	......	60.4	......
Perryville	42.1	+ 2.2	48.2	+ 3.8	51.4	− 0.4	61.4^{b}	+ 1.4	70.1	+ 2.6	79.5	+ 4.0	80.2	+ 0.4	78.6	− 1.0	73.2	+ 0.2	63.2^{b}	+ 2.1	52.7	+ 2.6	38.0	− 3.8	61.6	+ 1.4
Pine Bluff	45.6	+ 1.8	52.0	+ 5.2	54.7	− 0.4	63.5	0.0	73.5	+ 2.2	82.8	+ 3.6	85.1	+ 2.7	83.8	+ 1.9	78.0	+ 1.5	67.3	+ 2.4	56.0	+ 2.7	40.8	− 4.4	65.3	+ 1.7
Pocahontas	42.0	+ 3.4	46.7	+ 6.1	49.6	− 1.6	59.7	− 0.5	71.0	+ 2.6	80.3	+ 3.7	81.3	+ 0.7	81.0	+ 1.4	74.1	+ 0.6	63.2	+ 1.4	50.6	+ 0.6	35.2	− 5.2	61.2	+ 1.1
Portland	45.7	− 0.8	53.6	+ 4.4	57.6	+ 3.5	65.2	+ 0.7	72.5	+ 0.9	82.4	+ 3.1	84.4	+ 2.7	82.2	+ 0.9	76.6	+ 0.4	65.6	+ 0.2	55.8	+ 4.4	42.8	− 4.6	65.3	+ 1.3
Prescott	45.7	+ 1.3	52.8	+ 5.1	56.2	+ 0.2	64.6	+ 0.8	72.8	+ 1.4	82.2	+ 3.1	85.2	+ 2.9	83.8	+ 1.8	77.6	+ 1.0	68.3	+ 2.8	57.0	+ 3.1	42.6	− 2.8	65.7	+ 1.7
Rogers	39.8	+ 2.7	44.2	+ 4.7	46.0	− 3.2	56.4	− 2.3	67.8	+ 1.8	75.3	+ 1.5	78.0	+ 0.1	77.2	− 0.5	70.0	− 1.3	61.9	+ 1.8	50.0	+ 1.3	34.6	− 3.5	58.4	+ 0.1
Russellville	42.2	+ 2.5	49.2	+ 8.1	51.9	− 0.8	61.2	+ 0.2	70.9	+ 1.0	79.3	+ 1.6	82.0	+ 0.5	80.2	0.0	74.7	+ 0.5	63.6	+ 1.8	52.7	+ 2.7	38.5	......	62.2	+ 1.2
St. Charles	42.5	......	48.8	......	53.8	......	61.8	......	72.1	......	80.8	......	83.2	......	81.6^{a}	......	75.4	......	63.6	......	53.4^{a}	......	40.0	......	63.1	......
Searcy	44.5	+ 2.0	48.8	+ 4.2	51.1	− 1.4	59.9	− 1.2	70.0	+ 1.1	78.9	+ 1.5	82.0	+ 0.7	80.6	0.0	75.0	+ 0.4	63.7	+ 0.7	52.6	+ 1.8	37.5	− 5.6	61.9	+ 0.4
Sheridan (near)	44.5	......	50.2	......	53.0	......	61.2	......	70.4	......	78.8	......	79.8	......	79.0	......	73.5	......	64.2	......	53.6	......	38.5	......	62.2	......
Siloam Springs	39.8	......	44.5	......	47.6	......	56.9	......	67.8	......	76.3	......	78.0	......	77.7	......	70.8	......	61.5	......	50.6	......	35.0	......	59.0	......
Stuttgart	44.1	+ 1.3	50.8	+ 5.9	54.3^{c}	0.0	61.4	− 0.9	71.8	+ 1.8	81.3	+ 3.2	82.8	+ 1.5	81.1	+ 0.2	75.6	+ 0.4	64.7	+ 0.7	54.0	+ 1.6	40.0	− 4.1	63.5	+ 1.0
Stuttgart (Evap)	42.4	......	48.2^{a}	......	52.6	......	58.6	......	69.6	......	79.8	......	80.4	......	79.6	......	73.4	......	62.4^{a}	......	52.5	......	38.8	......	61.5	......
Subiaco	41.4	+ 0.1	47.8	+ 4.1	52.0	− 1.3	62.0	+ 0.2	71.6	+ 1.7	81.4	+ 3.5	....	......	80.2	+ 1.8	75.1	− 0.5	....	......	53.4	+ 1.4	37.8	− 5.3	....	......
Texarkana	45.9	− 0.3	51.8	+ 3.2	55.0	− 1.5	63.8	− 0.6	71.6	− 0.3	81.8	+ 2.3	84.0	+ 1.2	82.8^{a}	+ 0.1	76.0	− 1.1	66.8	+ 0.5	56.0	+ 0.9	42.6	− 4.6	64.8	+ 0.2
Turnpike	40.1	......	43.7	......	45.4	......	55.1	......	67.4	......	75.4	......	77.8	......	74.1	......	69.6	......	63.0	......	45.6^{a}	......	33.4	......	57.6	......
Waldron	41.0	......	48.2	......	51.7	......	61.0	......	69.7	......	78.9	......	80.4	......	80.0	......	72.2	......	62.4	......	53.4	......	39.0	......	61.5	......
Warren	46.0	+ 1.1	53.0	+ 5.6	56.8	+ 0.7	64.6	+ 0.8	73.0	+ 1.5	82.2	+ 3.0	84.4	+ 2.1	83.8	+ 2.0	77.0	+ 0.7	66.5	+ 1.7	56.1	+ 2.3	43.4	− 2.3	65.6	+ 1.6
White Rock	38.4	......	43.4	......	44.6	......	53.8	......	65.4	......	73.8	......	77.5	......	75.3	......	70.0	......	63.5	......	48.2	......	34.4	......	57.4	......
Wilson	41.4	+ 1.1	48.4	+ 4.9	51.2	− 0.6	60.4	− 0.7	72.1	+ 2.4	80.4	+ 3.2	79.4	− 1.4	79.0	− 0.3	72.0	− 1.7	60.2	− 3.1	51.3	+ 1.0	34.2	− 8.4	60.8	− 0.3
Wynne	40.8^{d}	+ 0.1	48.6	+ 4.3	51.0	− 0.9	58.2	− 1.5	70.2	+ 0.8	79.4	+ 1.5	80.0	− 1.0	79.6	− 0.4	73.4	− 1.2	63.0	+ 0.1	52.4	+ 1.3	36.6	− 5.9	61.1	− 0.3

Departures from the normal temperatures are based on records of 10 years or more. Reference letters $^{a\ b\ c}$ appearing in the table indicate number days missing.

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1944

Stations	Jan.			Feb.			Mar.			Apr.			May			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	7.5	5.3	6.6	17.8	6.0	9.9	23.5	6.8	12.7	25.6	7.8	12.8	25.9	5.0	10.0	6.9	4.6	6.6	5.4	3.9	4.5	5.1	3.9	4.5	5.8	3.7	4.3	4.4	3.6	4.0	6.2	4.3	4.9	19.8	4.2	10.5
ArkansasCity	8.6	0.6	4.8	19.9	2.6	9.2	32.7	20.3	28.3	39.2	32.6	35.0	42.2	26.2	38.4	26.3	19.1	23.0	21.0	10.0	15.9	9.7	4.7	6.5	12.9	2.1	6.9	13.0	2.6	6.9	4.7	1.5	2.9	11.4	4.1	7.4
Batesville	6.9	5.2	6.0	16.9	5.7	9.2	20.9	9.5	14.4	20.9	8.8	12.5	16.4	7.1	10.1	15.6	6.1	8.5	6.4	4.8	5.4	6.2	4.8	5.5	6.0	4.6	5.3	10.1	4.5	5.9	5.7	4.6	5.1	9.4	5.0	6.3
Benton	5.1	4.6	4.8	15.8	4.9	7.9	18.9	6.0	9.6	26.7	6.6	10.3	23.1	4.8	8.0	5.3	3.2	4.3	5.8	2.5	3.1	4.4	3.0	3.6	4.2	2.7	3.3	2.9	2.6	2.8	5.9	2.8	4.2	22.0	4.3	8.7
Big Lake Out	3.6	3.0	3.2	7.4	2.9	4.3	10.7	7.9	9.6	15.5	8.3	12.2	13.2	7.0	10.3	7.2	4.1	5.4	3.9	2.6	3.3	3.3	2.3	2.6	2.6	2.1	2.2	2.3	2.1	2.2	2.9	2.2	2.5	4.7	2.5	3.3
Black Rock	1.6	1.3	1.5	12.1	1.4	2.6	10.6	5.3	7.3	21.7	5.0	13.6	20.3	7.6	12.9	7.4	2.5	4.5	2.5	1.6	1.9	2.4	1.4	1.5	2.1	1.1	1.4	1.6	1.0	1.2	2.0	1.0	1.2	2.7	1.1	1.8
Boughton	9.1	5.1	7.1	15.6	7.6	10.4	21.8	6.5	13.9	17.7	7.2	12.8	23.4	6.1	11.0	9.2	3.8	5.3	3.8	3.1	3.4	3.8	3.1	3.3	4.6	3.1	3.6	3.3	3.0	3.1	7.8	3.0	4.4	19.9	4.0	10.3
CalicoRock	2.3	0.6	1.6	13.2	1.1	4.5	15.2	4.8	8.8	13.3	3.4	6.6	9.6	2.2	4.7	10.5	1.6	3.7	2.2	0.0	1.0	2.2	0.2	1.2	1.9	0.0	1.0	5.6	0.2	1.6	1.2	0.2	0.9	5.5	0.4	1.6
Camden	9.0	6.7	7.9	26.1	7.5	16.7	34.2	13.6	26.8	33.1	18.4	27.9	42.0	12.6	24.1	13.6	4.6	7.9	4.8	3.6	4.1	4.7	3.6	4.1	4.8	3.6	4.0	4.2	3.5	3.8	6.9	3.7	4.9	31.1	4.7	16.0
Clarendon	8.7	7.0	8.0	22.9	7.3	15.6	27.1	22.7	25.5	27.8	25.6	26.8	27.8	21.3	26.1	20.8	13.9	16.5	13.7	7.3	9.0	7.6	6.7	7.2	7.6	6.2	7.0	9.9	6.1	7.3	7.1	6.0	6.7	17.8	7.0	12.3
Cotter	4.2	1.5	2.8	11.5	2.2	4.5	14.1	4.5	8.6	13.7	4.0	6.5	6.9	3.8	4.9	11.9	2.7	4.7	3.9	1.2	1.9	3.6	1.6	2.3	3.3	1.0	2.0	6.4	1.2	2.7	1.9	1.3	1.7	4.5	1.4	2.6
Danville	15.7	3.0	6.5	23.2	5.0	14.4	23.3	5.7	14.8	21.0	7.1	10.4	24.0	3.4	9.9	20.3	4.0	8.2	4.5	2.5	2.9	12.9	2.5	4.0	11.6	2.5	3.4	2.7	2.2	2.4	9.6	2.2	3.2	21.2	2.9	7.9
Dardanelle	6.6	5.0	5.6	14.4	6.0	9.3	21.8	7.7	14.8	23.4	8.7	17.2	26.3	8.2	15.8	19.6	7.4	11.9	7.1	3.9	5.3	7.2	3.0	4.4	7.4	2.3	4.7	16.6	2.8	8.2	5.8	3.1	4.2	17.5	4.5	8.3
Des Arc	4.3	2.8	3.5	17.6	2.9	11.2	23.0	17.8	21.4	24.6	18.9	22.7	24.9	14.2	21.2	14.4	8.5	11.2	7.9	3.0	4.3	3.4	2.7	3.0	3.3	2.0	2.8	5.9	2.0	3.0	2.7	1.8	2.3	12.2	2.5	7.3
Fulton	11.4	8.2	9.9	18.9	10.1	14.2	22.0	10.2	17.6	17.5	9.1	13.5	28.1	8.1	17.2	20.7	7.0	11.4	6.8	5.0	5.5	6.1	4.8	5.2	6.4	4.4	5.2	7.4	4.3	5.0	11.2	4.2	6.7	16.5	6.8	10.4
Georgetown	1.8	0.3	1.1	14.4	0.5	8.4	21.1	15.8	19.5	22.7	15.2	20.5	22.5	11.1	18.4	12.5	5.9	8.6	5.0	0.4	1.7	0.8	0.0	0.4	1.0	-0.7	0.2	4.7	-0.9	0.6	0.5	-1.0	0.0	13.4	0.3	5.7
Gilbert	4.5	3.4	3.6	12.0	3.8	5.2	8.3	4.5	5.9	8.3	4.4	5.5	12.7	4.0	5.4	10.5	3.7	4.6	3.6	3.4	3.5	3.5	3.4	3.4	3.5	3.4	3.4	3.4	3.3	3.4	3.6	3.3	3.4	7.0	3.5	4.0
Glenwood	6.4	5.8	6.0	7.6	5.8	6.4	10.3	5.7	6.6	10.7	5.7	6.5	14.2	5.3	6.4	6.0	5.2	5.5	5.3	5.1	5.1	5.8	5.1	5.1	5.3	5.0	5.0	5.1	5.0	5.0	6.1	5.0	5.2	13.9	5.1	6.4
Heber Spgs	3.4	2.6	3.0	23.4	3.0	7.6	15.6	5.7	8.9	33.3	6.6	11.5	22.3	4.5	7.9	12.9	3.0	4.8	2.9	1.6	2.2	2.0	1.6	1.8	2.0	1.5	1.7	3.1	1.6	1.9	3.8	1.4	2.8	17.2	3.2	6.3
Helena	11.9	3.8	7.4	23.4	4.5	11.4	36.8	24.4	32.8	44.3	36.8	39.5	45.9	26.4	44.9	29.2	21.8	24.8	25.1	13.1	19.2	12.6	7.9	9.6	16.8	4.8	9.8	13.2	4.9	9.1	8.0	4.3	5.8	12.6	6.7	9.1
Index	8.6	5.8	7.4	16.6	7.6	10.5	19.1	8.0	12.7	13.6	7.7	10.0	21.8	8.1	12.9	16.8	7.0	10.3	6.8	5.2	5.8	6.6	5.2	5.6	6.6	4.6	5.4	8.2	4.6	5.3	9.5	4.4	5.9	12.0	5.0	8.2
Little Rock	3.7	2.0	3.3	10.4	3.5	7.4	18.9	5.3	12.3	19.5	6.5	14.0	22.3	6.0	13.2	15.6	5.4	8.9	5.0	2.6	3.5	4.3	1.8	2.6	4.7	1.5	2.8	12.5	1.1	5.3	3.2	1.5	2.1	13.8	1.7	6.1
Madison	....	....	....	12.3	1.4	6.2	20.2	10.3	16.3	27.4	20.0	23.7	27.5	11.6	23.5	11.8	6.2	9.0	6.5	1.9	3.5	2.1	0.5	1.5	1.5	0.0	0.8	1.2	0.0	0.4	1.2	0.4	0.5	10.5	0.5	3.3
Marked Tree	5.0	0.8	3.0	7.5	0.9	4.8	9.9	7.5	8.4	10.9	7.8	9.0	9.1	6.8	7.8	7.2	5.9	6.6	5.8	2.8	3.8	3.3	0.5	2.1	3.2	0.8	1.6	3.2	0.4	1.4	2.3	0.3	1.6	7.6	0.5	4.1
Morrilton	1.8	0.8	1.2	9.3	1.4	5.4	19.0	3.0	10.7	18.4	4.8	12.7	21.8	4.2	12.0	15.4	3.4	7.9	2.9	-0.4	1.0	2.8	-1.4	0.0	3.2	-1.9	0.4	12.0	-1.8	3.6	1.1	-1.8	-0.5	13.5	-0.6	4.0
Mulberry	1.9	1.3	1.4	8.0	1.4	2.5	8.1	2.1	3.5	8.4	2.0	3.1	9.0	1.4	2.7	12.0	1.5	2.8	2.2	0.8	1.2	3.7	0.9	1.4	2.9	0.9	1.3	1.5	1.0	1.1	1.9	0.9	1.4	5.2	1.4	2.0
Newport	1.4	-0.1	0.6	13.7	0.0	4.9	21.5	8.8	16.3	23.0	7.2	16.4	20.7	7.0	13.9	12.6	2.7	5.8	2.2	-0.3	0.6	0.6	-0.4	0.1	0.7	-0.9	-0.1	4.2	-0.9	0.3	0.6	-0.9	-0.3	5.0	-0.3	1.6
Ozark	3.1	0.9	2.3	8.9	2.7	5.1	18.0	4.1	10.9	19.8	5.2	13.4	23.3	5.9	12.8	16.5	4.2	9.0	5.0	1.6	3.0	5.2	1.0	2.4	5.0	0.6	2.6	14.0	1.1	6.0	4.0	1.0	2.1	15.2	2.1	5.8
Parkin	4.6	0.7	2.9	13.9	1.8	7.4	16.2	10.9	12.9	22.1	13.8	19.0	21.2	9.1	17.3	9.0	5.6	7.4	5.5	2.5	3.7	3.1	1.0	2.3	2.8	1.0	1.8	2.6	0.9	1.5	2.5	0.8	1.7	11.4	1.6	4.8
Pine Bluff	5.1	2.7	4.4	12.9	4.8	9.2	21.3	6.8	14.6	21.7	8.9	16.6	25.3	8.2	16.2	18.7	8.0	11.6	7.3	2.8	4.1	5.4	1.3	2.5	5.7	1.1	3.2	15.3	0.9	6.6	3.7	1.7	2.4	16.8	1.7	7.7
St. Charles	8.9	7.2	8.2	22.2	7.3	14.7	25.7	22.2	24.4	27.5	25.3	26.1	30.6	23.5	28.0	23.1	14.3	17.2	14.1	7.3	9.3	7.6	6.7	7.2	7.5	6.2	6.9	9.5	6.0	7.1	7.0	5.8	6.5	17.7	6.8	11.7
St. Francis	4.1	3.7	3.9	13.0	3.7	5.5	16.9	11.5	14.8	19.5	7.9	14.5	17.3	12.6	16.1	15.9	3.1	11.1	4.9	2.2	3.2	4.8	2.1	3.1	5.3	1.9	3.1	4.4	1.9	2.9	4.5	2.0	2.6	5.3	2.6	3.5
St.FrancisLL	19.4	11.5	18.0	20.7	15.7	18.9	22.6	20.6	22.1	25.4	21.9	23.5	23.4	21.4	22.4	21.4	18.9	20.4	19.7	14.3	16.4	17.6	13.4	15.7	17.5	13.6	15.7	18.1	14.8	17.8	18.5	17.0	17.7	18.9	16.8	17.8
Van Buren	8.4	5.5	6.1	13.3	6.3	8.6	22.5	7.3	14.5	24.2	8.6	17.3	26.8	9.7	16.4	20.0	8.5	12.3	8.4	5.7	7.0	8.7	4.7	6.2	8.8	3.8	6.2	18.4	5.7	10.2	8.0	4.9	6.1	19.1	6.0	9.8
Whitecliffs	9.9	4.4	7.1	23.7	7.5	17.2	26.0	9.0	20.7	22.0	6.8	15.8	29.2	4.6	17.6	23.4	1.9	7.4	1.7	0.0	0.4	1.0	0.0	0.0	2.0	0.0	0.5	0.0	0.0	0.0	14.0	0.0	3.4	22.9	2.7	10.2

ARKANSAS RIVER

No flooding of any consequence occurred along the Arkansas River during the year. Crests werc slightly above flood stage early in May. Farmers suffered some loss because of flooded bottom land, and the necessity of replanting crops.

WHITE AND BLACK RIVERS

No serious floods occurred on these rivers during the year. Crests were slightly above flood stage on the White River below Newport in April and May but flood loss was negligible. The Black River was in flood for about a month in April and May at Black Rock. The resulting overflow delayed spring farm operations in the vicinity.

OUACHITA AND RED RIVERS

The Ouachita River was in flood several times during the year. The most serious flood occurred early in May when the river reached 26 feet at Arkadelphia and 42 feet, the highest of record, at Camden. The lower Ouachita was in flood a good portion of the time from March to the middle of May. It is estimated that 450,000 acres were overflowed, and flood loss was quite extensive, mostly in livestock and delayed farm operations. Only slight flooding occurred on the Little and Red rivers during the spring months, and property loss was small.

WEATHER BY MONTHS

January:—The month averaged slightly warmer than normal. The first half of the month was quite cold, and many stations in the northern section reported subzero temperatures on the 9th. The second half of the month was quite mild, with temperatures frequently exceeding 70°. Precipitation was below normal, and some northern stations reported less than an inch. The heaviest snowfall in years occurred on the night of the 7th-8th, some stations measuring over 12 inches.

February:—The month was considerably warmer and wetter than normal. Temperatures were below normal from the 11th to 19th, but mild weather prevailed at other times during the month. Precipitation averaged more than seven inches, and it was the third wettest February of record. The frequent rains hindered spring farm operations.

March: —Temperatures averaged slightly below normal. The lowest temperatures of the month occurred on the 8th, minima ranging from slightly below freezing in the southern section to 14° in the Ozarks. The Ouachita and the lower portion of the White river were in flood during the month. On the night of the 26th a very severe hailstorm caused considerable damage in Poinsett County. The communities of Marked Tree and Lepanto suffered the greatest loss.

April:—Temperatures averaged slightly below normal. Unseasonably cold weather prevailed from the 3d to 5th with temperatures as low as 19° in the northern section. Spring farm operations were delayed by frequent rains, wet soil, and flooded lowlands. A series of tornadoes on the 10th and 14th resulted in the deaths of 44 people and much property damage over the State.

May:—The month averaged about a degree above normal in temperature A few northwestern stations reported freezing temperatures and killing frosts during the first week. Heavy rains early in the month resulted in some flooding along the Arkansas. White, Black and Ouachita rivers. Generally favorable weather aided planting and other farm activities.

June:—Temperatures averaged about a degree above normal. Precipitation was adequate for crop growth in the western sections, but many stations in the eastern counties measured less than an inch. Showers were infrequent during thesecond half of the month; consequently, cultivation, corn planting, and the harvesting of wheat and oats made excellent progress.

July:—The average temperature for the State was close to normal. Temperatures of 100° or higher occurred frequently from the 9th to 19th. A severe windstorm swept over the State on the 27th causing considerable property damage in many communities. Dry weather during the latter part of June and the first two weeks of July caused many crops and gardens to deteriorate. Some fields of corn were damaged beyond recovery.

August:—Near-normal temperatures and adequate rainfall in most sections were of much benefit to growing crops. The condition of all crops improved, and cotton picking had started by the 15th. Good quantities of grapes, peaches, melons, and tomatoes were harvested.

September:—Temperatures averaged near normal, but precipitation was deficient. Warm, sunny days favored the harvesting of crops. Plowing and the sowing of winter grains lagged because of dry soil.

October:—Temperatures averaged slightly above normal. The first and last weeks of the month were quite warm. The coldest weather was experienced between the 8th and 15th, when freezing temperatures and scattered killing frosts occurred at some northern stations. This was one of the driest Octobers of record. The weather was ideal for harvesting crops.

November:—Temperatures were almost continually above normal during the first half of the month but cooler weather prevailed during the latter half. Killing frost was quite general on the 28th. Precipitation was adequate in most sections.

December:—This was the coldest month of the current year and the second coldest December since 1917. However, there were no unusually low temperatures. Precipitation was considerably above normal, and exceeded 12 inches at some stations in the southeastern sections.

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers
Abbot†	J. V. Williams	Hot Springs	National Park Service
Alum Fork Reser	L. R. Water Works	Huttig	U. S. Engineers
Aplin	J. C. Lawrence	Index	W. E. McDowell
Arkadelphia	W. H. Halliburton	Jessieville	U. S. Forest Service
Arkansas City	John W. Trammell	Jonesboro	Benedictine Sisters
Augusta	David G. Griffiths	LaCrosse	Pitney O. Wren
Batesville Airwy	Airway Observer	Lake City	Mrs. Tressa Nichols
Batesville Livesk	Universityof Arkansas	Lead Hill	J. H. Crosswhite
Batesville River	Mrs. Ida Barnwell	Little Rock	U.S. Weather Bureau
Beaty Lake(near	L. G. Adamson	Lutherville	Mrs. H. G. Lenhardt
Beaver	H. E. Skelton	Madison	J. W. Eppes
Bee Branch	Minnie Scanlan	Magnolia	State Agr. School
Beedeville	Richard C. Roy	Mammoth Spring	Ray H. Hall
Benton	S. A. Burks	Marianna	Univ. of Arkansas
Bentonville	E. L. Brown	Marked Tree	Chas. Walton
Bethesda	Soil Cons. Service	Marshall	H. W. Wright, Jr.
Big Lake Outlet	N. W Douglas	Mena	E. W. St. John
Black Rock	Vernon C. Howe.	Monticello	Airway Observer
Bluff City	Ark. Forestry Com	Moro Bay(near)	U. S. Engineers
Blytheville	Maureen K Norris	Morrilton	Mrs. Nova Berry
Booneville(near)	F. H. Randolph	Mountainburg	C. A. Lovell
Booneville	Jessie M. Ryles	Mountain Home	H. N. Halbert
Boughton	Katie B. Moore	Mountain View	Corbin E. Moody
Brinkley	U. S. Weather Bureau	Mount Ida	J. S. Whittington
Calico Rock	William Jones	Mulberry	H. G. Arvin
Camden	J M. Knight	Nashville	Carter Day
Camp Chaffee	Post Engineer	New Hope	Otis Pinkerton
Camp Robinson	U. S. Army	Newport	Willis T. Moyer
Clarendon	B F. Northern	Nimrod Dam	U. S. Engineers
Cold Springs	Albert Zornes	Odell (near)	Mrs. Renzo Hurst
Conway	E E. Cordrey	Oden	U. S. Forest Service
Corning	Richard Polk	Okay	Charles R. Jackson
Cotter	O. B. McSpadden	Osceola	G. M. Serey
Crossett(near)	U. S Forest Service	Ozark	Orkney O. Milton
Crystal Valley	Helen I. Gildner	Paragould	J. E. Garrett
Cummins Farm	T. C. Cogbill	Parkin	Carroll King
Danville	J. M. Patterson	Perryville	Lillie Cranford
Dardanelle	Geo. N. Goodier	Pine Bluff	Mary T. Scheu
DeQueen	L. D. McCowan	Pine Ridge	J. R. Huddleston
Dermott	Kay D. McNeely	Pocahontas	Benedictine Sisters
Des Arc	Z. R. Glenn	Portland	Mrs. Pearl Newton
Devils Knob	U. S. Forest Service	Prescott	W. R. Hambright
Dumas	Ben Johnson	Radcliff	Geo. F. Nixon
Eagle Gap	Mina C. Rabb	Red Star	Orvall F. Calloway
El Dorado	Mrs. E. W. Gaston	Rogers	Howard Fowler
Eleven Point	John H. Jackson	Rosebud	G. A. Maddox
England	O. V. Halbrook	Russellville	U. S. Forest Service
Eureka Springs	Geo. W. Nichoalds	St Charles	U. S. Bio. Survey
Evening Shade	Mrs. Flora E. Williams	St. Francis	Wm. S. Buckley
Fayetteville	Charles F. Ford	Searcy	Arthur D. Smith
FayettevilleExp.	University of Ark.	Sheridan (near)	Ark. Forestry Com.
Fordyce	Ark. Forestry Com.	Shirley	Minnie L. Moldon
Forester	Freda G. Turner	Siloam Springs	John Brown Univ.
Fort Smith	U. S. Weather Bureau	Sparkman	James L. Key
Ft.Smith Wt.P.	Ft. Smith Water Dept.	Stamps (near)	Ark. Forestry Comm.
Fulton	Ina J. Logan	Steve	T. P. Sims
Garland	L. D. Denney	Story	S. C. Story
Georgetown	L. A. Surratt	Stuttgart	George L. Clark
Gilbert	D O. Dennis	Stuttgart Evap.	University of Ark.
Glenwood	C. A. Price	Subiaco	New Subiaco Abbey
Grannis	W. E. McVay	Sugar Grove	O. R. Fennell
Gravelly	Walter C. Moody	Texarkana	U. S. Weather Bureau
Gravette	J. A. Schmidt	Tichnor	W. W. Dike
Green Forest	R. H. Kendall	Turnpike	U.S Forest Service
Green Mountain	U. S. Forest Service	Viola	A. F. King
Greenwood	W E. Goforth	Waldron	William D Bivens
Harrisburg	Irl M. Meredith	Walnut Grove(near)	A. H. Fast
Harrison	J. M. McGaughey	Warren	C. N Turner
Heber Springs	Lester B. Logan	Whitecliffs	L. M. Snead
Helena	James A Burnett	White Rock	U. S. Forest Service
Henderson	Mrs. A. M. Jones	Wilson	D. O. Anderson
Hollis	Jessie M. Robbins	Wynne	Mrs. C. A. Ford
Hope	Univ. of Arkansas		

EXCESSIVE PRECIPITATION FOR 1944

Station and date	Maximum amounts of precipitation										
	5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min.	100 min.	120 min.	150 min.	180 min.
FORT SMITH											
April 10	0.33	0.53	0.72	0.76	0.80	0.81	0.84	0.85	0.85	0.85	0.85
Aug. 26	0.35	0.57	1.16	1.38	1.46	1.53	1.56	1.57	1.57	1.57	2.28
Oct. 1	0.28	0.52	0.74	0.76	0.79	0.79	0.79	0.79	0.79	0.79	0.79
LITTLE ROCK											
July 28	0.39	0.56	0.72	0.74	0.90	0.94	1.12	1.30	1.40	1.65	1.91
Nov. 8	0.40	0.64	0.94	1.10	1.31	1.40	1.58	1.72	1.77	1.81	1.85

KILLING FROSTS, 1944

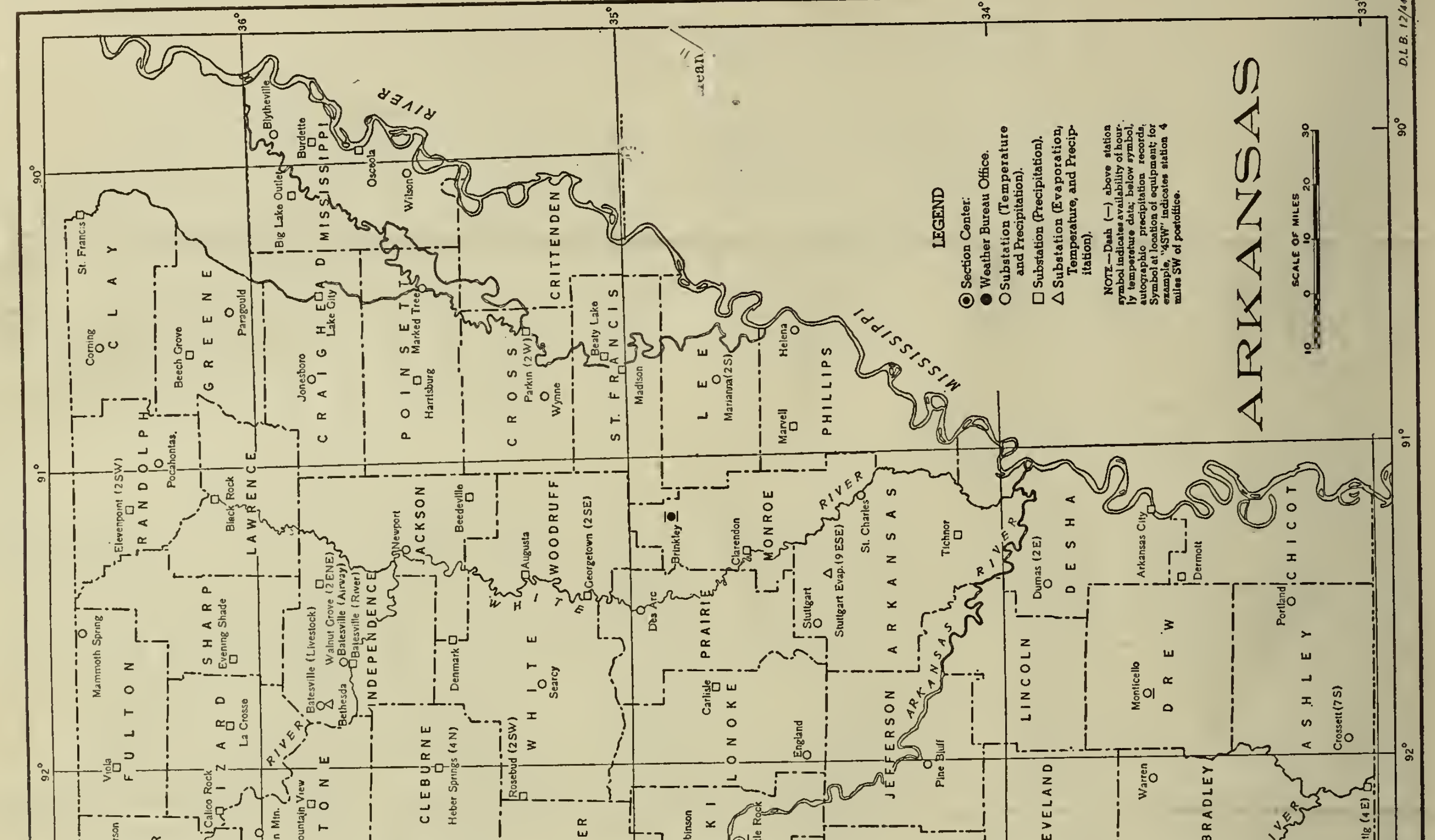
Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Alum Fork Res	Apr. 5	Nov. 21	230	LITTLE ROCK	Mar. 8	Nov. 28	264
Arkadelphia	*Mar. 10	Nov. 22	257	Lutherville	Apr. 5	Nov. 22	231
Arkansas City	Apr. 4	....	....	Madison	*Apr. 6	Nov. 21	229
Batesville	Apr. 6	Nov. 21	229	Magnolia	*Mar. 8	Nov. 27	264
Bee Branch	*Apr. 6	Nov. 28	236	MammothSpring	Apr. 6	Nov. 23	231
Benton	*Apr. 6	Nov. 22	230	Marianna	Apr. 6	Nov. 30	238
Bentonville	*Apr. 6	Nov. 22	230	Marked Tree	Apr. 5	Nov. 21	230
Big Lake Outlet	Apr. 6	Nov. 30	238	Marshall	*Apr. 5	*Nov. 29	238
Black Rock	....	Nov. 23	....	Mena	Mar. 30	Nov. 22	237
Bluff City	*Mar. 30	Nov. 27	242	Monticello	*Apr. 4	*Nov. 27	237
Blytheville	*Apr. 6	Nov. 24	232	Morrilton	Mar. 10	Nov. 10	245
Booneville	Mar. 31	Nov. 21	235	Mountainburg	Mar. 30	Nov. 22	237
Boughton	....	....	....	Mountain Home	Apr. 6	*Nov. 13	190
Brinkley	Apr. 5	Nov. 28	237	Mountain Valley	....	....	....
Calico Rock	Apr. 4	Nov. 23	233	Mount Ida	*Apr. 5	Oct. 13	191
Camden	*Mar. 8	Nov. 30	267	Mulberry	Apr. 5	Nov. 21	230
Camp Robinson	*Apr. 5	Nov. 23	232	Nashville	*Mar. 30	Nov. 22	237
Clarendon	*Apr. 6	Nov. 17	225	Newport	Apr. 6	Nov. 28	236
Conway	Apr. 5	Nov. 28	237	Oden	*Apr. 5	Nov. 21	230
Corning	*Apr. 6	Nov. 24	232	Okay	*Mar. 30	Nov. 27	242
Cotter	Apr. 5	Nov. 10	219	Ozark	*Apr. 5	Nov. 23	232
Crossett	*Apr. 4	Nov. 21	231	Paragould	*Apr. 6	Nov. 30	238
Danville	....	Nov. 21	....	Parkin	Apr. 6	Nov. 21	229
Dardanelle	*Apr. 5	Nov. 28	237	Perryville	Apr. 6	Nov. 28	226
De Queen	*Mar. 31	Nov. 27	241	PineBluff	Mar. 8	Nov. 28	265
Des Arc	*Mar. 9	Nov. 28	264	Pine Ridge	....	....	....
Devils Knob	*Apr. 5	Nov. 28	237	Pocahontas	*Apr. 6	*Nov. 28	236
Dumas	Mar. 8	Nov. 28	265	Portland	*Mar. 31	Nov. 27	241
El Dorado	Mar. 8	Nov. 22	259	Prescott	*Mar. 8	Nov. 22	259
England	*Apr. 5	Nov. 28	237	Rogers	Apr. 3	Nov. 22	233
Eureka Springs	Apr. 5	Nov. 22	231	Rosebud	Apr. 3	Nov. 28	239
Fayetteville	Apr. 5	Nov. 16	225	Russellville	*Apr. 5	Nov. 28	237
Fayetteville Ex	Apr. 5	Nov. 21	230	St. Charles	Apr. 9	Nov. 28	264
Fordyce	*Mar. 8	Nov. 27	264	St. Francis	....	Nov. 11	....
Fort Smith	Mar. 8	Nov. 22	259	Searcy	Apr. 6	Nov. 28	236
Georgetown	....	Nov. 23	....	Sheridan	*Apr. 3	Nov. 28	239
Gilbert	*Apr. 7	*Nov. 10	217	Siloam Springs	Apr. 3	Nov. 21	232
Glenwood	....	*Nov. 21	....	Story	*Apr. 5	Nov 11	220
Grannis	*Mar. 30	Nov. 27	242	Stuttgart	*Mar. 9	Nov. 28	264
Gravette	*Apr. 5	Nov. 22	231	Stuttgart Evap.	*Apr. 5	Nov. 23	232
GreenMountain	*Apr. 5	*Nov. 22	231	Subiaco	*Mar. 31	Nov. 28	242
Harrison	Apr. 5	Nov. 24	233	Texarkana	*Mar. 8	Nov. 27	264
Helena	Apr. 6	Nov. 21	229	Tichnor	....	Nov. 28	....
Hope	*Mar. 30	Nov. 27	242	Turnpike	*Apr. 17	Nov. 28	225
Hot Springs	*Mar. 30	Nov. 22	237	Waldron	*Apr. 5	Nov. 21	230
Huttig	....	Nov. 28	....	Warren	*Mar. 8	Nov. 22	259
Index	....	Nov. 27	....	White Cliffs	....	Nov. 22	....
Jessieville	....	....	....	White Rock	*Apr. 18	Nov. 17	213
Jonesboro	Apr. 5	Nov. 30	239	Wilson	*Apr. 5	*Nov. 29	238
Lead Hill	Apr. 5	Nov. 28	237	Wynne	Apr. 5	Nov. 30	239

*Indicates freezing temperature, no killing frost reported.

The departures from normal temperature and precipitation are computed from averages of the entire period for stations having 10 or more years of record.

T., less than 0.01 inch rain or melted snow. Reference letters a, b, c, appearing in the table indicate number of days missing. § Also on later dates.

†Post-office addresses of these stations as follows: Alum Fork Reservoir, Paron; Beaty Lake, Forest City: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton: Eleven Point, Rt. 1, Ravendon Springs: Fordyce, Rt. 1, Fordyce: Fort SmithWater Plt, Mountainburg; Green Mountain, Calico Rock; Heber Spgs,, Tumbling Shoals; Highland. R.F.D. 3. Nashville; Huttig, Felsenthal: Index, Route 5, Texarkana; Lutherville. Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Rt. 3, Morrilton: Mulberry, Rt 1, Mulberry; Nimrod, Ola; Odell, Route 1, Canehill; Rosebud, Route 2, Mount Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge: Stamps. Buckner; Turnpike, Dover; Walnut Grove, Cord: White Rock, Cass,


ARKANSAS
LEGEND
◉ Section Center.
● Weather Bureau Office.
○ Substation (Temperature and Precipitation).
□ Substation (Precipitation).
△ Substation (Evaporation, Temperature, and Precipitation).
NOTE.—Dash (—) above station symbol indicates availability of hourly temperature data; below symbol, autographic precipitation records. Symbol at location of equipment; for example, "4SW" indicates station 4 miles SW of postoffice.
SCALE OF MILES
10 0 10 20 30
D.L.B. 12/44
36° 35° 34° 33°
94° 93° 92° 91° 90°
MISSISSIPPI RIVER
ARKANSAS RIVER
WHITE RIVER
OUACHITA RIVER
BENTON
CARROLL
BOONE
MARION
BAXTER
FULTON
SHARP
RANDOLPH
CLAY
GREENE
LAWRENCE
IZARD
STONE
SEARCY
NEWTON
MADISON
WASHINGTON
CRAWFORD
FRANKLIN
JOHNSON
POPE
VAN BUREN
CLEBURNE
INDEPENDENCE
JACKSON
CRAIGHEAD
MISSISSIPPI
POINSETT
CROSS
CRITTENDEN
ST. FRANCIS
WOODRUFF
WHITE
FAULKNER
CONWAY
LOGAN
SEBASTIAN
SCOTT
YELL
PERRY
PULASKI
LONOKE
PRAIRIE
MONROE
LEE
PHILLIPS
ARKANSAS
JEFFERSON
SALINE
GARLAND
MONTGOMERY
POLK
HOT SPRING
GRANT
LINCOLN
DESHA
CLEVELAND
DALLAS
CLARK
PIKE
HOWARD
SEVIER
LITTLE RIVER
HEMPSTEAD
NEVADA
OUACHITA
CALHOUN
BRADLEY
DREW
ASHLEY
CHICOT
UNION
COLUMBIA
LAFAYETTE
MILLER
Gravette
Siloam Springs
Bentonville
Rogers
Fayetteville Exp.
Fayetteville
Eureka Springs
Green Forest
Lead Hill
Harrison
Gilbert
Mountain Home
Cotter
Henderson
Viola
Mammoth Spring
Elevenpoint (2SW)
Corning
St. Francis
Beech Grove
Pocahontas
Black Rock
Evening Shade
Calico Rock
La Crosse
Green Mtn.
Mountain View
Marshall
Batesville (Livestock)
Batesville (Airway)
Batesville (River)
Walnut Grove (2ENE)
Bethesda
Newport
Jonesboro
Lake City
Paragould
Big Lake Outlet
Blytheville
Burdette
Osceola
Wilson
Marked Tree
Harrisburg
Parkin (2W)
Wynne
Beaty Lake
Madison
Marianna (2S)
Helena
Marvell
Brinkley
Clarendon
Augusta
Georgetown (2SE)
Beedeville
Denmark
Searcy
Des Arc
Rosebud (2SW)
Heber Springs (4N)
Shirley
Bee Branch
Conway
Carlisle
England
Stuttgart
Stuttgart Exp. (9ESE)
St. Charles
Tichnor
Camp Robinson
Little Rock
Crystal Valley
Benton
Sheridan (11N)
Pine Bluff
Dumas (2E)
Arkansas City
Dermott
Portland
Monticello
Crossett (7S)
Warren
Huttig (4E)
Junction City
El Dorado
Moro Bay
Fordyce (6W)
Sparkman (3NE)
Camden
Arkadelphia
Bluff City (2S)
Stevens (8NW)
Magnolia (2N)
Prescott
Boughton (2NE)
Hope (3NE)
Stamps (2NE)
Fulton
Garland
Texarkana
Index
White Cliffs
Okay
Nashville
De Queen
Gravelly
Highland
New Hope (3SE)
Glenwood
Oden (2W)
Pine Ridge
Mt. Ida (2E)
Story
Mountain Valley
Hot Springs
Jessieville
Hollis
Steve
Nimrod Dam
Aplin
Alum Fork
Perryville
Morrilton (2S)
Dardanelle
Russellville
Danville
Gravelly (2E)
Forester
Gold Spring
Sugar Grove
Booneville (3W)
Booneville
Subiaco
Abbott
Waldron
Eagle Gap
Mena
Greenwood
Fort Smith
Ft. Smith Water Plant
Mountainburg
Odell (2NNE)
White Rock
Mulberry (6NNE)
Ozark
Lutherville (2E)
Devils Knob
Turnpike
Red Star

Nat Hist

551.05
UNAR
1.50'

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. L LITTLE ROCK, ARK., JANUARY, 1945 No. 1

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

No unusual weather phenomena occurred during the month. The mean temperature averaged slightly below normal for the State as a whole. Warm and cool periods alternated at frequent intervals, but there were no unusually high or low temperatures. This was the first January in several years during which no subzero temperatures were reported in the State. However, freezing temperatures were experienced to the southern border of the State on several occasions. Sunshine was somewhat above normal.

Precipitation amounted to 56% of normal for the State as a whole. The heaviest amounts were recorded in the extreme southern section, some stations measuring over five inches. A few stations in the extreme northern and northwestern counties reported less than an inch of precipitation during the month. Generally, precipitation was adequate in the eastern half and deficient in the western half of the State. Most of the precipitation fell during two periods, 6th-7th and 18th-19th. Snowfall was about normal, ranging from flurries in the southern section to seven inches in the Ozarks. Most of the snow fell on the 2d, 3d, and 28th.

Farm work was confined mostly to chores, although some plowing, pruning and spraying was accomplished. Winter grains made good progress, and livestock continued in fair to good condition.

As a result of the heavy rains late in December, the lower portion of the Ouachita River was in flood during the first part of the month. Considerable lowland was flooded but crop damage was negligible.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 79 stations, was 40.2,° which is 1.0° below the 55-year average for January. The highest monthly mean temperature was 45.6° at Warren, and the lowest was 34.8° at Mammoth Spring. The highest temperature recorded was 80° at Perryville on the 14th, and the lowest was 7° at Lead Hill on the 29th.

PRECIPITATION

The average precipitation for the State as determined from the records of 105 stations was 2.37 inches, which is 1.87 inches below the 55-year average for January. The greatest monthly total was 7.52 inches at Portland, and the least amount was 0.53 inch at Evening Shade. The greatest amount recorded in any 24-hour period was 2.82 inches at El Dorado on the 18th-19th.

B.N.W.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms:---6,12,14,18.

Heavy Fog:---3,4,5,6,7,12,13,18,19,20,21,22,28.

Sleet:---2,3,7,17,18,19.

High Winds:---1,8,9,15,25,27.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.51	31	29.69	6	8.0	26	nw.	8	83	67	69	56	780
Little Rock	30.56	31	29.69	6	7.9	32	nw.	8	87	67	65	54	751
Memphis ..	30.57	31	29.67	14	8.0	27	nw.	8	88	68	75	41	797

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	41.6	71	13	5.34	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	−5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	−2	6.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	−9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	−5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	−2	5.19	2.0	6	14	5	12
1907	49.2	82	−8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	−7	2.59	4.3	6	16	6	9
1911	47.6	86	−9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	−1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	−3	4.38	2.3	8	10	6	15
1916	44.3	82	−6	9.39	0.5	12	8	4	19
1917	44.0	82	−4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	−3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48 6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	−6	3 19	0.4	7	15	3	13
1925	40.8	76	−4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	−1	5.41	0.1	10	14	3	14
1928	42 7	90	−10	2 05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.85	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	−1	1.05	3.5	5	14	7	10
1937	41.9	80	9	12.61	0.7	17	4	3	24
1938	42.5	81	4	6.48	T.	7	14	6	11
1939	45.5	83	12	6.21	0.5	10	14	6	11
1940	28.0	74	−14	1.56	5.9	7	14	6	11
1941	43.6	76	5	3.43	0.3	9	12	7	12
1942	38.1	83	−21	3.20	4.4	7	16	7	8
1943	41.8	87	−9	1.00	1.2	3	15	8	8
1944	42.2	82	−15	2.50	6.5	6	12	7	12
1945	40.2	80	7	2.37	1.8	8	12	6	13
Period	41.2	90	−28	4.24	2.0	8	12	6	13

NAT. HIST.

Climatological Data for January, 1945

Stations	Counties	Elevation, feet	Length of record years	Temperature, (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	8	40.2	.....	69	14	16	2†	2.18	.....	0.87	6-7	0.5	9	13	8	10	e.	L. R. Water Works
Arkadelphia	Clark	200	49	41.2	−2.7	74	14	18	31	2.78	−1.87	1.20	18	0.0	10	18	1	12	s.	W. H. Halliburton
Arkansas City	Desha	145	60	.....	.....	.....	.....	.....	.....	6.08	+1.24	1.67	21	0.0	10	.....	.....	.....	.....	John W. Trammell
Batesville Airway	Independence	363	8	37.7	−0.7	65	25	16	9	2.45	.....	0.87	18	3.2	8	14	5	12	n.	Airway Observer
Batesville Livestk.	Independence	....	4	36.5	.....	65	25	14	2†	2.29	.....	0.79	18-19	4.0	9	10	7	14	nw.	University of Arkansas
Batesville River	Independence	277	45	.....	.....	.....	.....	.....	.....	2.50	−1.92	0.78	18-19	4.0	8	15	3	13	.....	Mrs. Ida Barnwell
Bee Branch	Van Buren	650	52	38.4	−2.0	64	14	14	29	1.97	−2.37	0.72	18-19	2.2	4	14	6	11	n	Minnie Scanlan
Benton	Saline	285	9	38.4	.....	69	13†	14	31	2.37	.....	0.69	18-19	T.	9	17	5	9	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	36.2	−0.9	65	13	10	9	1.03	−1.68	....	......	6.5	8	10	9	12	sw.	E. L. Brown
Bethesda ***	Independence	500	5	36.0	.....	63	25	14	2†	2.29	.....	0.70	18-19	4.0	8	12	4	15	nw.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	14	.....	.....	.....	.....	.....	.....	4.03	−1.32	0.93	7	0.8	13	11	6	14	.....	N. W Douglas
Black Rock	Lawrence	259	43	.....	.....	.....	.....	.....	.....	1.81	−2.73	0.70	6	2.4	7	12	0	19	.....	Vernon C. Howe.
Bluff City, 2 mi. s.	Nevada	....	4	44.7	.....	71	14	22	2†	2.65	.....	1.34	18-19	0.0	8	13	6	12	nw	Ark. Forestry Com
Blytheville	Mississippi	252	19	37.0	−2.9	64	26	15	2	3.87	−1.78	0.71	6-7	1.9	11	11	6	14	.....	Maureen K Norris
Booneville 3 miles w	Logan	465	30	40.5	−0.7	75	14	15	31	1.15	−2.62	0.53	18	0.5	9	11	10	10	w.	F. H. Randolph
Boughton ***	Clark	235	9	.....	.....	.....	.....	.....	.....	2.36	.....	1.16	18-19	0.0	6	14	4	13	.....	Katie B. Moore
Brinkley	Monroe	205	53	39.8	−2.2	66	14	18	31	2.03	−3.17	0.94	6-7	T.	10	11	5	15	n	U. S. Weather Bureau
Calico Rock	Izard	361	40	.....	.....	.....	.....	.....	.....	1.21	−2.31	0.52	18	3.3	9	9	3	19	.....	William Jones
Camden	Ouachita	116	59	44.6	+0.1	72	14	20	31	4.23	−0.74	1.91	19	0.0	10	13	9	9	s.	J M. Knight
Camp Chaffee	Sebastian	419	..	39.3	.....	68	13†	19	9†	1.33	.....	0.79	18-19	1.5	6	4	7	20	nw.	U. S. Army
Camp Robinson	Pulaski	463	4	40.3	.....	70	14	18	9	2.62	.....	1.34	6-7	T.	7	8	12	11	nw.	U. S. Army
Clarendon	Monroe	172	40	.....	.....	.....	.....	.....	.....	3.21	−1.51	0.83	18	0.0	13	13	4	14	.....	B F. Northern
Conway	Faulkner	309	61	41.6	−0.3	72	14	19	31	2.35	−1.92	0.89	6-7	1.0	8	13	8	10	w.	E. E. Cordrey
Corning	Clay	293	51	37.4	−0.5	65	25	13	2†	1.76	−2.59	0.60	18-19	2.0	6	5	4	22	n.	Richard Polk
Cotter	Baxter	440	17	.....	.....	.....	.....	.....	.....	1.43	−1.73	0.82	18-19	6.0	6	11	1	19	.....	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	32	44.3	−0.6	73	14	16	31	4.67	−0.92	1.76	18-19	0.0	9	16	5	10	n.	U. S Forest Service
Cummings Farm. ***	Lincoln	176	..	43.0	.....	70	14	20	31	2.65	.....	1.60	18	0.0	6	20	5	6	n.	T. C. Cogbill
Danville	Yell	327	28	.....	.....	.....	.....	.....	.....	1.57	−3.40	0.61	18	2.2	8	13	8	10	.....	J. M. Patterson
Dardanelle	Yell	330	58	41.2	0.0	69	12	19	29	2.02	−1.55	0.72	18	4.0	10	8	13	10	n.	Geo. N. Goodier
DeQueen	Sevier	426	9	42.0	.....	72	14	17	31	1.58	.....	0.81	18-19	0.0	7	12	8	11	.....	L. D. McCowan
Des Arc	Prairie	204	6	40.4	.....	67	14	17	31	3.76	.....	1.74	6-7	0.0	7	10	1	20	s.	Z. R. Glenn
Devils Knob ***	Johnson	2350	8	35.8	.....	60	14	8	9	1.68	.....	0.56	2-3	7.0	9	12	4	15	nw.	U. S. Forest Service
Dumas	Desha	162	39	44.0	−0.5	71	14	21	31	3.35	−1.65	1.82	18-19	0.0	9	6	16	9	n.	Ben Johnson
El Dorado	Union	270	44	44.9	−1.3	73	14	22	31	4.82	+0.25	2.82	18	0.0	9	16	7	8	nw.	Mrs. E. W. Gaston
England	Lonoke	229	38	41.6	−1.5	70	14	20	2†	2.55	−2.28	0.86	19	0.0	9	11	10	10	nw.	O. V. Halbrook
Eureka Springs	Carroll	1465	44	37.1	−1.1	63	12	9	9	1.20	−2.05	0.42	18-19	6.9	7	14	5	12	nw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	7	37.5	.....	64	13	11	9	1.09	.....	0.41	18	6.4	7	5	12	14	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	57	37.2	−0.8	65	13	10	9†	0.97	−2.00	0.26	17-18	5.4	7	6	15	10	ne	University of Ark.
Fordyce	Dallas	280	4	44.4	.....	70	14	23	2†	3.72	.....	....	......	0.0	6	5	16	10	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	63	39.9	+0.4	67	14	19	9	1.03	−1.51	0.61	17-18	2.0	6	4	13	14	e.	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	7	.....	.....	.....	.....	.....	.....	0.98	.....	0.41	18	3.5	3	13	10	8	.....	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	.....	.....	.....	.....	.....	.....	2.71	−1.88	1.07	18	0.0	10	13	4	14	.....	Ina J. Logan
Garland	Miller	225	2	.....	.....	.....	.....	.....	.....	3.59	.....	1.78	18	0.0	9	18	0	13	....	L. D. Denney
Georgetown, 2 mi. se	White	200	32	.....	.....	.....	.....	.....	.....	2.12	−3.33	1.00	18-19	0.0	5	13	3	15	.....	L. A. Surratt
Gilbert	Searcy	600	19	36.5	.....	68	8	10	29	1.20	−2.26	0.60	18-19	5.0	5	11	0	20	n.	D O. Dennis
Glenwood	Pike	547	9	.....	.....	.....	.....	.....	.....	2.32	.....	1.07	18	0.0	6	7	2	22	.....	C. A. Price
Grannis	Polk	950	25	41.4	0.0	71	14	18	29	1.79	−3.02	0.70	18	T.	8	9	9	13	s.	W. E. McVay
Gravette	Benton	1250	47	36.8	+0.2	66	13	9	9†	0.65	−2.08	0.40	18-19	2.5	3	14	4	13	nw.	J. A. Schmidt
Green Mountain †	Stone	1100	7	36.6	.....	65	24	10	9	2.00	.....	0.60	2-3†	4.0	7	11	8	12	n.	U. S. Forest Service
Harrison	Boone	1052	44	36.6	+0.3	65	13	9	29	1.06	−1.97	0.50	18-19	4.0	5	10	8	13	nw.	J. M. McGaughey
Heber Springs (near)	Cleburne	272	15	.....	.....	.....	.....	.....	.....	1.80	−2.58	0.74	18	3.0	7	14	7	10	.....	Lester B. Logan
Helena	Phillips	300	72	41.6	−1.4	67	14†	19	2†	4.32	−1.20	0.90	18	0.0	12	12	4	15	ne.	James A. Burnett
Hope 3 miles e.	Hempstead	375	74	42.0	−2.7	71	14	20	31	3.05	−1.96	1.39	18	0.0	11	17	5	9	w.	Univ. of Arkansas
Hot Springs	Garland	600	52	43.3	0.0	70	14	19	2	2.43	−2.55	0.68	17-18	T.	8	16	9	6	w.	National Park Service
Index ***	Little River	275	27	.....	.....	.....	.....	.....	.....	2.80	−1.47	1.40	18-19	0.0	8	15	1	15	.....	W. E. McDowell
Jessieville	Garland	750	18	.....	.....	.....	.....	.....	.....	3.14	−2.28	....	......	0.0	9	11	7	13	nw.	U. S. Forest Service
Jonesboro	Craighead	345	49	38.4	−1.8	63	25	15	2	3.57	−1.51	1.10	7	1.9	12	12	8	16	sw.	Benedictine Sisters
Lead Hill	Boone	650	38	36.0	−0.9	65	12†	7	29	1.16	−1.71	0.54	18-19	4.3	7	13	4	14	w.	J. H. Crosswhite
Little Rock	Pulaski	257	65	40.8	−0.6	69	14	21	9	2.26	−2.47	1.10	6-7	T.	8	12	6	13	nw.	U.S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	46	39.4	−0.6	65	12†	16	9†	1.62	−2.42	0.42	27-28	4.0	9	18	3	10	w.	Mrs H. G. Lenhardt
Madison	St. Francis	209	14	.....	.....	.....	.....	.....	.....	2.75	−2.73	0.60	18	0.0	8	6	5	20	.....	J W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	45.4	−1.4	73	14	25	29†	3.21	−1.63	1.99	18	0.0	6	13	7	11	nw.	State Agr. School
Mammoth Spring	Fulton	600	40	34.8	−2.6	68	26	11	29	1.23	−2.48	0.41	18	3.5	5	15	6	10	n.	Ray H. Hall
Marianna	Lee	235	33	40.6	−1.5	67	14	21	2†	2.31	−2.42	....	......	0.0	8	9	8	14	n.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	36.8	−1.9	65	25	15	2	3.67	−1.85	0.97	7	T.	10	11	6	14	s.	Chas. Walton
Marshall	Searcy	1050	.	41.2	+1.6	77	23	13	8	1.30	−1.99	0.80	18	4.5	4	11	4	16	.....	H. W. Wright, Jr.
Mena	Polk	1207	56	41.0	−0.4	71	13†	17	9	1.24	−2.72	0.66	18-19	0.5	9	10	8	13	nw.	E. W. St. John
Monticello	Drew	273	4	44.2	.....	72	14	22	31	2.26	.....	1.71	18	0.0	6	15	6	10	sw	Airway Observer
Morrilton ***	Conway	315	28	40.0	−0.6	74	14	18	2†	2.35	−1.59	0.80	6-7†	2.5	9	7	9	15	n.	Mrs. Nova Berry
Mountainburg	Crawford	712	7	.....	.....	.....	.....	.....	.....	1.15	.....	0.37	2-3	6.0	7	11	6	14	n.	C. A. Lovell
Mountain Home ***	Baxter	800	32	36.5	−1.3	65	25	12	9	1.18	−1.81	0.80	18-19	2.6	4	12	2	17	nw.	H. N. Halbert
Mountain Valley	Garland	788	7	.....	.....	.....	.....	.....	.....	....	.....	...	......	.....	.....	.....	.....	....	.....	....
Mount Ida, 2 mi. e	Montgomery	702	45	40.7	−0.2	72	14	10	31	2.14	−2.24	0.66	18	0.9	8	10	9	12	w.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	6	.....	.....	.....	.....	.....	.....	1.39	.....	0.54	18	3.5	5	14	1	16	.....	H. G. Arvin
Nashville	Howard	350	6	43.0	.....	72	14	20	31	2.26	.....	1.18	18-19	0.0	8	15	1	15	w.	Carter Day
Newport	Jackson	231	61	39.4	+0.2	65	25	18	2	3.41	−1.60	1.10	18	2.3	12	15	1	15	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	3	41.6	.....	67	12†	16	31	1.50	.....	0.81	18	2.0	6	18	0	13	sw.	U. S. Engineers
Oden, 2 mi. w.	Montgomery	800	17	41.6	.....	71	13†	15	29†	1.64	−2.39	0.81	19-20	0.2	8	13	5	13	ne.	U. S. Forest Service
Okay	Howard	288	16	44.0	−1.0	75	14	20	31	2.46	−2.07	1.08	18	0.0	8	14	6	11	nw	Charles R. Jackson
Osceola	Mississippi	250	44	.....	.....	.....	.....	.....	.....	3.02	−1.63	1.01	6-7	0.3	10	15	1	15	.....	G. M. Serey
Ozark	Franklin	396	49	40.2	0.0	68	12†	18	9†	1.31	−1.74	0.62	18	3.5	7	16	1	14	nw.	Orkney O. Milton
Paragould	Greene	275	21	36.6	.....	60	25	15	2†	2.89	−2.34	1.55	6-7	4.1	11	13	1	17	sw.	J. E. Garrett
Parkin, 2mi. w	Cross	222	14	.....	.....	.....	.....	.....	.....	3.01	−2.40	0.83	7	T.	7	12	3	16	.....	Carroll King
Perryville	Perry	325	5	42.2	+2.3	80	14	14	11	2.36	−1.97	1.02	18	2.0	5	16	10	5	n.	Lillie Cranford
Pine Bluff	Jefferson	215	57	44.0	+0.2	71	14	23	31	3.61	−1.67	1.50	18	0.0	8	19	2	10	nw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	.....	.....	.....	.....	.....	.....	1.70	−2.92	0.77	18	0.4	6	10	7	14	nw.	J. R. Huddleston
Pocahontas	Randolph	300	51	37.6	−1.0	63	25	12	2†	1.82	−2.57	0.58	7†	4.2	11	12	5	14	n.	Benedictine Sisters
Portland	Ashley	122	38	45.4	−1.2	72	14	24	31	7.52	+2.77	1.30	18	0.0	8	14	9	8	n.	Mrs. Pearl Newton
Prescott	Nevada	318	56	44.6	+0.2	71	14	22	31	2.68	−2.09	1.11	18	0.0	10	16	3	12	n.	W. R. Hambright
Rogers	Benton	1300	54	37.0	−0.1	66	13	9	9†	0.90	−1.77	0.32	27-28	7.0	8	8	10	13	nw.	Howard Fowler
Rosebud, 2 mi. sw.	Faulkner	680	10	.....	.....	.....	.....	.....	.....	....	.....	....	......	...	.....	.....	.....	....	.....	G. A. Maddox
Russellville	Pope	526	32	40.6	+0.8	69	14	19	29†	2.18	−1.58	0.55	17-18	4.5	8	7	14	10	w.	U. S. Forest Service
St. Charles	Arkansas	175	11	43.4	.....	70	14	18	31	2.61	.....	0.80	19	0.0	9	17	0	14	w.	U. S. Bio. Survey
St. Francis	Clay	290	17	.....	.....	.....	.....	.....	.....	2.59	−2.88	0.65	6	2.5	8	13	0	18	.....	Wm. S. Buckley
Searcy	White	245	34	40.3	−0.2	65	14	20	2†	2.61	−2.26	1.20	6	0.5	9	14	4	13	nw.	Arthur D. Smith
Sheridan, 11mi. n ***	Grant	....	4	42.8[a]	.....	70	13	17[a]	31	2.83	.....	1.02	18	0.0	8	6	16	9	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	4	37.0	.....	65	13	11	9	0.82	.....	0.47	18-19	4.0	7	5	16	10	n.	John Brown Univ.
Story	Montgomery	650	20	.....	.....	.....	.....	.....	.....	1.45	−2.37	.. .	......	0.0	4	16	4	11	ne.	S. C. Story
Stuttgart	Arkansas	214	57	42.6	−0.2	71	26	22	2†	2.96	−2.27	.. .	......	0.0	10	18	3	10	nw.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	9	41.0	.....	67	14	20	2†	2.41	.....	0.64	6	0.0	9	.....	.....	.....	.....	University of Ark.
Subiaco	Logan	750	46	39.7	−1.7	65	11†	18	2†	1.24	−2.37	0.64	18	4.5	5	8	10	13	w.	New Subiaco Abbey

Climatological Data for January, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Texarkana	Miller	332	60	43.8	− 2.5	71	14	25	31	2.29	−2.19	1.31	17–18	0.0	9	10	11	10	e.	U. S. Weather Bureau
Turnpike***	Pope	2240	20	36.5	......	63	24	9	9	1.27	−3.04	0.39	2–3	5.5	7	14	3	14	sw.	U.S Forest Service
Waldron	Scott	675	25	40.1	......	74	14	14	31	1.30	−2.48	0.60	18	0.0	7	7	14	10	nw.	William D Bivens
Warren	Bradley	206	50	45.6	+ 0.7	72	14	23	31	3.06	−1.81	1.78	18	0.0	10	14	8	9	nw.	C. N. Turner
Whitecliffs	Little River	290	38	. . .	......	......	......	......	......	3.64	−0.31	1.30	21	0.0	9	16	1	14	......	L. M. Snead
White Rock***	Franklin	2285	8	36.0	.....	61	13	10	9	1.07	......	0.29	27–28	7.0	7	9	8	14	se.	U. S. Forest Service
Wilson	Mississippi	237	19	37.2	− 3.1	54	5†	12	2	4.21	−1.29	....	.....	0.0	6	12	0	19	s.	D. O. Anderson
Wynne	Cross	167	36	38.6	− 2.4	65	14	18	2	3.01	−2.22	....	......	0.0	7	8	5	18	......	Mrs. C. A. Ford
State Means		. .	..	40.2	− 1.0	80	14	7	29	2.37	−1.87	2.82	18–19	1.8	8	12	6	13	nw.	

Daily Precipitation for January, 1945

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott[2]	Arkansas			.09				.03												.76		.02	.06						.28				1.24
Alum Fork Reser.	Arkansas	T.	T.	T.	.05		.50	.37					.02					T.	.40	.35		.15						.19	.15				2.18
Aplin[2]	Arkansas	.14			.05			.58	.03										.09	.78		.04	.04						.26	.14			2.15
Arkadelphia[2]	Ouachita	.35					.03	.47	.20				.15						.03	1.17		.09	.18						.11				2.78
Arkansas City[2]	Mississippi	1.89		.15			.31	.49					.01	.21						1.27		1.67	.03						.05				6.08
Augusta[2]	White	.34		T.			.15	1.15	.20				T.							1.05			.03						.17	T.			3.09
Batesville Air'y[3]	White		.20				41	.59					T.		T.				.87	.03		.09						.14	.12				2.45
Batesville Livestk[2]	White	.05		.18				.35	.52							T.				.79			.08				.06		.06	.20			2.29
Batesville River[2]	White	.18		.20				.60	.46											.78			.08						.08	.12			2.50
Beaty Lake	St. Francis	.07	T.	T.			.77	.45	T.				.05						.14	.38		.04	.05					.06	.05				2.06
Beaver[2]	White			.17																.41			.02						.40	T.			1.00
Bee Branch	Arkansas			.34				.71												.72								.20					1.97
Beech Grove	White																																....
Beedeville[2]	White	.73		T.				.90	.48							T.				.76			.04						.20	.03			3.14
Benton[2]	Saline	.33		.03				.63	.21				.08						.06	.69		T.	.20						.14				2.37
Bentonville[2]	Arkansas		.04	*	.15								T.						.23	.21		T.	.07						*	.33			1.03
Bethesda[2]	White	T.			.18	T.		.50	.52							T.			T.	.70			.08				.05		.06	.20			2.29
Big Flat[2]	White		T.	.46																.78									.26				1.50
Big Lake Outlet[2]	St. Francis	.82	T.	.06			.08	.93	.69				.02	.07		.25				.72	.02		.03						.16	.18			4.03
Black Rock[2]	White	.12		.18				.70				.02				T.		T.		.68			.05						.06				1.81
Bluff City	Ouachita	.30					.46	.07					.06						1.08	.26		.35						.07					2.65
Blytheville[2]	St Francis	1 15	T.	.01			.26	.71	.58				.09	.33	.07					.60			.02						.03	.02			3.87
Booneville 3 mi. w	Arkansas		*	.14			*	.05											.53	.15		.05						.15	.08				1.15
Booneville[2]	Arkansas		*	.15			.15	.10											.07	.61		.02							.25	.02			1.37
Boughton[2]	Ouachita	.31						.36												1.16		.15	.21						.17				2.36
Brinkley[1]	White		T.				.81	.20	T.				.09		.01			.01	.68	.02		.09						.11	.01				2.03
Burdette	Mississippi				.07		.52	1.08					.30	.13		.29				.66								.05	.21				3.31
Calico Rock[2]	White		T.	.24			T.	.05						.08		T.			.02	.50			.05				.03		.18	.06			1.21
Camden[2]	Ouachita	1.23		.02			.20	.22	.02										.11	1.91		.28	.13						.11				4.23
Camp Chaffee[2]	Arkansas			.19					T										.08	.79	T.	.03	.01						.23	T.			1.33
Camp Robinson[1]	Arkansas		T.				.88	.46					.02					T.	.75	.30		.07						.14	T.				2.62
Carlisle[2]	Arkansas																																....
Clarendon[2]	White	1.08					.16	.42	.15				.17	.06		.12			.02	81		.03	09						.08	.02			3.21
Cold Springs[2]	Ouachita			.15				.12												1.00		.18							.45				1.90
Conway	Arkansas			.11			.40	.49											.33	.54		.07						.18	.23				2.35
Corning[2]	White						30	.50	.20				T.		T.					.60		T.							.10	.06			1.76
Cotter[2]	White		T.	.18	T			.02												.82			.08						.25	.08			1.43
Crossett	Ouachita	.30		.18			1.11	.06					.05						1.65	.11		1.04							.17				4.67
Crystal Valley[2]	Arkansas			.03			.53	.42					.01						.40	43		.13						.15	.04				2.14
Cummins Farm	Arkansas						.15	.40					.30						1.30	.30		20											2.65
Danville[2]	Arkansas	.10		25				.16											06	.61			.10						.24	.05			1.57
Dardanelle[2]	Arkansas	.08		.26				.19	.02										.19	.72		.03	.12						.26	.15			2.02
Denmark[2]	White																																....
De Queen	Red			.07			.16	.03					T.						.70	.11		.27						.24	T.				1.58
Dermott[2]	Mississippi	1.80		.04			.37	.36						.25						1.29		.56	.10						.03				4.80
Des Arc[2]	White	.60						1.29	.45				.13	T.						1.06			.06						.17				3.76
Devils Knob	Arkansas	T.	.05	.51			.05	.04					T.						.20	.32		.13						.05	.33				1.68
Dumas	Mississippi	.15		.02			.53	.08					.40			T			1.67	.15			.30						.05				3.35
Eagle Gap[2]	Arkansas			.10			.03	.05												.63		.10	T.							.30	T.		1.21
El Dorado[2]	Ouachita	.71		.17			.07		.12				.05						.70	2.12		.69							.19				4.82
Eleven Point[2]	White			.08			T.		.34	T.				T.						.68			T.							.30			1.40
England	Arkansas						.50	.23					.10			.12			.45	.86		.18						.10	.01				2.55
Eureka Springs	White		.10	.10															.17	.25		.10						.10	.38				1.20
Evening Shade[2]	White	T.		.23				.20					T.		T.	T.				.07	T.	T.				T.			.02	.01			0.53
Fayetteville	White	T.	11	.08					T.				T.						.41	.10	T.	.03	T.					.11	.25		T.		1.09
Fayetteville Exp. S	White	T.	.03	.16	T.			T.					T.						.26	.23	T.	.06	T.			T.	T	.04	.19		T.		0.97
Fordyce	Arkansas							.68					.18						*	2.00		.40							.46				3.72
Forester[2]	Arkansas	1.15								T.										1.20									.40				2.75
Fort Smith[1]	Arkansas		.22				T.									T.	.06		.55	T.	T.	.01	T.					.12	.07				1.03
Fort Smith W.[1]	Arkansas			.31																.41									.26	T.			0.98
Fulton[2]	Red	.45					.19	.27	.11				.07						.12	1.07		.18	.15						.10				2.71
Garland[2]	Red	.66		.12				.33	.10										.25	1.53		.32	.15						.13				3.59
Georgetown[2]	White	.50						.01	.30											1.00									.31				2.12
Gilbert[2]	White			.20				T.											T.	.60			.10						.25	.05			1.20
Glenwood[2]	Ouachita						.28	.48					.07							1.07		.19							.23				2.32
Grannis	Red		.04	.03	T	T.	.22	T.					.05						.70	.22	T.	.32						.21	T.				1.79
Gravelly[2]	Arkansas		.12					.16	.02										.10	.68		T.	.09						22	T.			1.39
Gravette	Arkansas		T.																*	.40									.25				0.65
Green Forest	White	T.	.05	.20									T.		T.				.29	.20		.02						.06	.14				0.96
Green Mountain	White	T.		.60			T.	.10						T.					.20	.60		.10						.20	.20				2.00
Greenwood[2]	Arkansas			.12															.07	.90									.22				1.31
Harrisburg[2]	St. Francis							1.10												.55									.20				1.85
Harrison	White		.08	.04		T.									T.				T.	.50		.06						T.	.38				1.06
Heber Springs[2]	White	.10		.17			T.	.64	.05										.05	.74										.05			1.80
Helena[2]	Mississippi	1.30					.70	.46	.10				.10	.56		.10			.02	.90		.01	.06							.01			4.32
Henderson[2]	White			.16																.71	.05								*	.30			1.22
Hollis	Arkansas																																....
Hope[2]	Red	.46		.02			.17	.29	.05					.02					.08	1.31		.40	.13						.12				3.05
Hot Springs	Ouachita		T.	T.			.53	.25					.05						.68	.64		.14						.13	.01				2.43
Huttig[2]	Ouachita	1.72		.16			.64	.38											.08	2.34		.38	.06						.26				6.02
Index[2]	Red	.25				T.	.15	.35	.15										.05	1.35		.05	.45										2.80

Daily Precipitation for January, 1945 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Jessieville	Ouachita	....	....	.04	....	....	*	1.15	....	....	....	....	....	.05	....	....	....	....	....	*	1.00	.55	....	....	....	....	....	*	.35	....	....	....	3.14
Jonesboro [2]	White	.47	....	.10	....	....	T.	.68	1.10	....	....	....	.04	.04	....	.14	....	....	....	.67	.01	....	.03	....	....	....	....	....	.21	.08	....	....	3.57
LaCrosse [2]	White	....	....	.43	....	....	....	.75	....	....	....	....	....	.16	....	....	....	....	....	.70	T.	....	....	....	....	....	.05	....	.15	....	....	....	2.24
Lake City [2]	St. Francis	*	.05	....	.08	....	.98	....	....	....	....	....	.12	....	T.	....	....	....	....	.27	....	....	....	....	....	....	....	....	.18	....	....	....	1.68
Lead Hill	White	....	.05	.07	....	....	....	....	....	....	....	....	T.	....	T.	....	....	....	.10	.44	....	.07	....	....	....	....	....	.04	.39	....	T.	....	1.16
Little Rock [1]	Arkansas	....	.01	T.	....	....	.85	.26	....	....	....	....	.02	....	T.	....	....	T.	.85	T.	T.	.10	....	....	....	T.	....	.13	.04	....	....	....	2.26
Lutherville	Arkansas	....	*	.34	....	....	*	.06	....	....	....	....	....	....	....	....	....	....	*	.41	....	.39	....	....	....	....	....	.12	.30	....	....	....	1.62
Madison [2]	St. Francis	1.20	....	....	....	....	.10	.25	.35	....	....	....	.10	....	....	....	....	....	....	.60	....	....	.05	....	....	....	....	....	.10	....	....	....	2.75
Magnolia	Red	....	....	.09	....	....	.50	.04	....	....	....	....	T.	....	....	....	....	....	1.99	....	....	.47	....	....	....	....	....	T.	.12	....	....	....	3.21
Mammoth Spg [2]	White	T.	....	.22	....	....	.25	....	....	....	....	....	....	....	....	.10	....	....	....	.41	....	....	....	....	....	....	....	....	....	.25	....	....	1.23
Marianna [2]	St. Francis	....	....	....	....	....	*	*	1.10	....	....	....	*	.30	....	....	....	....	....	.80	....	....	.05	....	....	....	....	....	*	.06	....	....	2.31
Marked Tree [2]	St. Francis	1.05	....	....	....	....	.07	.58	.97	....	....	....	.03	.08	....	T	....	....	....	.61	.03	....	....	....	....	....	....	....	.14	.11	....	....	3.67
Marshall	White	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.80	....	....	.10	....	....	....	....	....	.20	....	....	....	1.30
Marvell [2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mena [2]	Ouachita	.04	....	.07	....	....	.03	.11	....	....	....	....	T.	....	....	T.	T.	T.	.05	.66	....	.06	.05	....	....	....	....	....	.17	....	....	....	1.24
Monticello [1]	Ouachita	....	....	.04	....	....	.14	.24	....	....	....	....	.12	....	....	....	....	....	1.71	....	....	T.	....	....	....	....	....	.01	....	....	....	....	2.26
Morobay [2]	Ouachita	1.30	....	.10	....	....	.12	.09	.05	....	....	....	.01	....	....	....	....	....	.47	2.00	....	.67	.01	....	....	....	....	....	.08	.02	....	....	4.92
Morrilton [2]	Arkansas	.10	....	.13	T.	....	....	.70	.10	....	....	....	....	....	....	....	....	....	.10	.80	....	.05	.10	....	....	....	....	....	.27	T.	....	....	2.35
Mountainburg	Arkansas	....	.21	.16	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	.33	.13	....	.03	....	....	....	....	....	.14	.15	....	....	....	1.15
Mountain Home	White	....	....	.10	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	.10	.70	....	....	....	....	....	....	....	T.	.28	....	....	....	1.18
Mountain Valley	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mountain View [2]	White	....	T.	.19	....	....	....	.20	.07	....	....	....	....	T.	....	T	....	.06	....	.51	....	.04	.04	....	....	....	....	....	T.	.35	....	....	1.46
Mount Ida	Ouachita	....	....	.02	....	....	.38	.32	....	....	....	....	....	....	....	....	....	....	.66	.29	....	.20	....	....	....	....	....	.23	.04	....	....	....	2.14
Mulberry [2]	Arkansas	....	....	.39	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	.54	....	.10	.07	....	....	....	....	....	.29	....	....	....	1.39
Nashville	Red	....	....	....	....	....	.22	.24	....	....	....	....	.09	....	....	....	....	....	1.03	.15	.08	.25	....	....	....	....	....	.20	....	....	....	....	2.26
Newhope [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Newport [2]	White	.60	....	.10	....	....	....	.62	.48	....	....	....	.03	....	....	.07	....	....	.06	1.10	.02	.02	.05	....	....	....	....	....	.20	.06	....	....	3.41
Nimrod Dam	Arkansas	....	....	.16	....	....	.20	.23	....	....	....	....	....	....	....	....	....	....	.49	.32	....	.10	....	....	....	....	....	....	....	....	....	....	1.50
Odell [2]	Arkansas	....	....	.32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	.56	....	....	....	....	....	....	....	....	2.28	....	....	....	3.25
Oden	Ouachita	....	.02	....	....	....	.20	.10	....	....	....	....	....	T.	....	....	....	....	.66	.15	....	.26	....	....	....	....	....	.20	.05	....	....	....	1.64
Okay	Red	....	....	.09	....	....	.17	.38	....	....	....	....	.06	....	....	....	....	....	1.08	.21	....	....	.30	....	....	....	....	.17	....	....	....	....	2.46
Osceola [2]	Mississippi	.69	T.	.01	....	....	.12	1.01	.34	....	....	....	.05	.06	T.	....	....	....	....	.52	T.	T.	....	....	....	....	....	....	.20	.02	....	....	3.02
Ozark [1]	Arkansas	....	....	.31	....	....	....	.02	....	....	....	....	....	....	....	....	....	....	.06	.62	....	....	.06	....	....	....	....	....	.21	.03	....	....	1.31
Paragould	St. Francis	T.	....	.08	....	....	.23	1.55	.03	....	....	....	.05	.06	....	.07	....	T	....	.48	.01	....	....	....	....	....	....	.06	.27	T.	....	....	2.89
Parkin [2]	St. Francis	.87	....	....	....	....	.09	.83	.45	....	....	....	.07	....	....	....	....	....	....	.58	....	....	T.	....	....	....	....	....	.12	....	....	....	3.01
Perryville	Arkansas	....	....	.20	....	....	....	.94	....	....	....	....	....	....	....	....	....	....	....	1.02	....	.05	....	....	....	....	....	....	....	.15	....	....	2.36
Pine Bluff [2]	Arkansas	.98	....	....	....	....	.32	.14	T.	....	....	....	.21	....	....	T.	....	....	.01	1.50	....	T.	.36	....	....	....	....	....	.09	T	....	....	3.61
Pine Ridge [2]	Ouachita	....	....	.04	....	....	....	.39	....	....	....	....	....	....	....	....	....	....	....	.77	....	.17	.11	....	....	....	....	....	.22	....	....	....	1.70
Pocahontas	White	....	....	.22	....	....	.08	.58	....	....	....	....	.04	.06	....	....	.04	....	.02	.58	....	.02	.03	....	....	....	....	....	.15	....	....	....	1.82
Portland [2]	Ouachita	3.90	....	.20	....	....	.20	.75	....	....	....	....	....	.05	....	....	....	....	....	1.30	....	1.00	....	....	....	....	....	....	.12	....	....	....	7.52
Prescott [2]	Ouachita	.39	....	T.	....	....	.20	.28	.01	....	....	....	.03	....	....	....	....	....	.03	1.11	....	.18	.32	....	....	....	....	....	.13	....	....	....	2.68
Ratcliff [2]	Arkansas	T.	T.	.20	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	.06	.52	....	....	.02	.04	....	....	....	....	.17	.12	....	....	1.13
Red Star	White	T.	T.	.35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T	.62	....	.14	....	....	....	....	....	.10	.20	....	....	....	1.41
Rogers	White	T.	.11	.12	....	T	....	....	....	....	....	....	T.	....	....	....	....	....	.21	.09	....	.02	.03	....	....	....	....	.02	.30	....	....	....	0.90
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Russellville	Arkansas	....	....	.31	....	....	.45	.07	....	....	....	....	T.	....	....	....	....	....	.55	.39	....	.11	....	....	....	....	....	.07	.23	....	....	....	2.18
St. Charles	White	.10	....	....	....	....	.55	.10	....	....	....	....	.41	....	....	.15	....	....	.35	.80	....	.13	....	....	....	....	....	T.	.02	....	....	....	2.61
St. Francis [2]	St. Francis	.28	....	.12	....	....	....	.65	.55	....	....	....	.06	....	....	.07	....	....	....	.64	....	....	....	....	....	....	....	....	....	.22	....	....	2.59
Searcy [2]	White	....	....	.07	....	....	.03	1.17	....	....	....	....	....	.02	....	....	....	....	.11	.86	....	....	.04	....	....	....	....	....	.24	.07	....	....	2.61
Sheridan	Ouachita	....	....	....	....	....	.44	.23	....	....	....	....	.07	....	....	....	....	....	.55	1.02	....	.29	....	....	....	....	....	.04	.19	....	....	....	2.83
Shirley [2]	White	....	....	.32	....	....	....	.39	....	....	....	....	....	....	....	....	....	....	....	.60	....	....	.10	....	....	....	....	....	T	T	....	....	1.41
Siloam Springs	White	T	.04	.01	....	T.	T.	....	....	....	....	....	T.	....	....	....	....	....	.26	.21	T.	.01	T.	....	....	....	T.	.05	.24	T.	T	....	0.82
Sparkman	Ouachita	....	....	....	....	....	.10	.12	....	....	....	....	.17	....	....	....	....	....	1.73	....	....	.57	....	....	....	....	....	.11	....	....	....	....	2.80
Stamps	Red	....	.21	.10	....	....	.47	.11	....	....	....	....	.02	....	....	....	....	....	1.28	.19	T.	.56	....	....	....	....	....	.06	.07	....	....	....	3.07
Stephens [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve [2]	Arkansas	....	....	.31	....	....	....	.41	....	....	....	....	....	....	....	....	....	....	....	.90	....	....	....	....	....	....	....	....	....	....	....	....	1.62
Story [2]	Ouachita	....	....	....	....	....	....	.14	....	....	....	....	....	....	....	....	....	....	....	1.10	....	....	....	....	....	....	....	....	.21	....	....	....	1.45
Stuttgart [2]	Arkansas	....	....	....	....	....	*	.34	....	....	....	....	*	.24	....	.25	....	....	*	1.90	....	*	.15	....	....	....	....	.08	....	....	....	....	2.96
Stuttgart Evap.	Arkansas	....	....	....	....	....	.64	.10	....	....	....	....	.33	....	....	.24	....	....	.46	.40	....	.13	....	....	....	....	....	.08	.03	....	....	....	2.41
Subiaco	Arkansas	....	....	.18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.64	....	.07	....	....	....	....	....	....	.31	.04	....	....	1.24
Sugar Grove [2]	Arkansas	....	....	.11	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	.08	.68	.10	....	....	....	....	....	....	....	.24	....	....	....	1.31
Texarkana [3]	Red	....	.03	T.	....	.01	.25	.14	....	....	....	....	T.	....	....	....	....	.09	1.23	T.	.05	.43	....	....	....	....	....	.06	....	....	....	....	2.29
Tichnor [2]	White	.91	....	....	....	....	.63	.12	....	....	....	....	.31	....	....	....	....	....	.22	1.14	....	.10	.14	....	....	....	....	....	....	....	....	....	3.57
Turnpike	Arkansas	....	....	.39	....	....	.04	T	....	....	....	....	....	....	....	....	....	....	.30	.26	....	.07	....	....	....	....	....	.08	.13	....	....	....	1.27
Viola [2]	White	....	....	.15	....	....	*	.05	....	....	....	....	....	.10	....	....	....	....	.25	....	....	....	....	....	....	....	....	....	.25	....	....	....	0.80
Waldron [2]	Arkansas	....	.04	.03	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	.60	.20	....	....	....	....	....	....	....	.30	.10	....	....	....	1.30
Walnut Grove	White	T.	....	.23	....	....	.16	.83	....	....	....	T.	T.	....	....	....	T.	....	T.	.91	....	.05	T	....	....	....	....	T.	.23	....	....	....	2.41
Warren	Ouachita	.15	....	....	....	....	.41	.09	....	....	....	....	.13	....	....	....	....	....	1.78	.14	T.	.28	.01	....	....	....	....	.02	.05	....	....	....	3.06
Whitecliffs [2]	Red	....	....	....	....	....	.10	.60	....	....	....	....	....	....	....	....	....	.40	.10	.94	....	.98	.32	....	....	....	....	.10	.10	....	....	....	3.64
White Rock	Arkansas	....	.04	.18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.26	.25	....	.05	....	....	....	....	....	.13	.16	....	....	....	1.07
Wilson [2]	Mississippi	1.22	....	....	....	....	....	*	2.05	....	....	....	....	.41	....	.23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.30	....	4.21
Wynne [2]	St. Francis	.87	....	....	....	....	*	.87	.20	....	....	....	.15	....	....	....	....	....	....	.63	T.	....	....	....	....	....	....	....	....	.29	....	....	3.01

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for January, 1945

(See precipitation data in table on preceding page)

Station	Date	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	26	21	30	34	36	38	36	41	24	36	40	39	48	42	37	34	30	32	38	38	38	41	43	50	50	44	40	31	29	26	32	36.0
	Wind move	171	131	53	58	45	72	71	51	260	77	51	186	29	77	112	148	17	87	95	64	41	46	140	82	76	172	58	60	62	121	76	2789
Hope, Exp. Farm	Evap.	.012	.098	.018	.037	.033	.032	016	.063	.093	.088	.034	.064	.085	.073	.150	.104	.062	.021	.089	.024	.034	.028	.051	.086	.069	.177	.059	.002	.035	.073	.112	1.922
	Mean tem.	40	31	38	36	40	42	48	46	34	43	48	49	52	54	46	36	36	36	42	39	43	42	44	48	48	50	41	45	37	34	33	42.0
	Wind move	37	48	20	30	20	14	28	38	88	24	28	58	42	32	88	50	48	52	60	30	42	36	49	63	30	120	18	12	30	20	30	1285
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	36	28	34	36	38	43	44	44	40	41	46	61	50	52	55	33	34	36	40	41	42	41	43	49	50	49	48	40	34	36	31	41.6
	Wind move	113	26	3	2	7	19	1	30	104	8	31	47	15	18	11	87	5	13	32	5	3	39	25	22	32	87	4	5	14	59	17	884
Russellville	Evap.	.052	.018	.026	.020	.036	.252	.036	.034	.074	.048	.040	.032	.012	.018	.014	.030	.122	.008	.024	.022	.008	.030	.058	.032	.094	.086	.014	.020	.036	.062	.028	1.386
	Mean tem.	34	28	31	32	34	40	45	43	33	40	44	58	47	50	52	33	36	36	42	42	42	42	42	49	50	48	46	40	34	35	32	40.6
	Wind move	74	21	14	3	3	1	24	24	61	14	13	20	9	9	19	5	96	34	30	12	19	32	31	8	33	52	4	9	16	45	12	747
Stuttgart, Rice Exp. Farm	Evap.	.037	.030	.017	.010	.014	.134	....	.014	.078	.028	.028	.011	.025	.060	.083	.011	.017	.001	.140	.020	.021	.026	.020	.033	091	.176	....	.032	.129	....	.032	1.318
	Mean Tem.	35	28	40	39	38	45	44	42	37	42	44	52	49	49	50	33	32	36	43	42	40	42	44	45	51	38	46	40	32	52	30	41.0
	Wind move	111	67	26	39	20	37	63	61	106	48	49	79	14	48	89	46	43	62	125	21	39	93	45	19	74	99	10	30	30	43	30	1667

Daily Temperatures for January, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	43	35	30	48	45	50	48	60	55	64	64	65	64	69	67	43	39	38	49	44	44	44	57	62	62	62	59	46	48	47	44	51.5
	Minimum	26	16	24	28	22	32	32	26	19	19	26	51	35	32	36	24	25	29	34	35	35	34	32	34	38	37	34	31	16	21	16	29.0
Arkadelphia /	Maximum	42	38	53	45	52	55	50	60	46	61	70	65	68	74	54	46	46	40	50	46	47	50	61	69	65	65	49	47	50	48	48	53.5
	Minimum	26	20	21	28	27	27	43	29	26	23	22	19	36	31	44	26	25	32	35	35	36	33	28	28	29	36	35	39	21	20	18	29.0
Batesville Air	Maximum	34	27	46	47	52	45	42	56	33	58	57	57	61	56	48	38	37	39	45	42	43	49	57	60	65	57	47	39	45	39	37	47.0
	Minimum	18	17	24	24	22	37	29	26	16	23	26	45	32	30	33	25	24	32	36	37	37	32	29	35	41	33	35	23	19	22	19	28.4
Batesville, Livestk /	Maximum	32	27	42	46	52	45	41	57	33	58	57	57	62	56	40	40	38	38	45	40	42	48	59	61	65	58	49	34	45	38	36	46.5
	Minimum	25	14	16	23	21	23	35	35	14	15	22	24	34	32	36	29	21	27	32	36	36	35	29	28	37	32	32	30	15	16	18	26.5
Bee Branch	Maximum	39	34	42	48	50	49	45	55	44	59	59	58	62	64	55	44	39	38	47	45	43	49	54	62	58	59	52	46	43	43	43	49.3
	Minimum	25	17	23	21	19	30	36	21	15	19	28	46	30	32	35	22	25	31	34	37	37	31	27	30	32	33	36	29	14	18	17	27.4
Benton /	Maximum	40	33	53	42	54	51	44	60	39	60	65	64	69	69	47	40	42	39	38	51	44	48	59	66	63	63	64	45	48	45	44	51.3
	Minimum	20	20	25	27	19	31	40	24	23	21	22	34	30	27	28	21	21	28	29	29	37	27	23	21	26	29	29	29	17	17	14	25.4
Bentonville /	Maximum	25	32	35	40	44	50	38	52	35	55	61	62	65	57	41	42	50	38	44	40	48	46	54	62	52	59	42	35	45	35	40	45.9
	Minimum	19	14	18	27	21	30	30	26	10	23	30	54	31	32	31	19	32	32	32	33	34	30	25	25	29	26	35	24	16	12	18	26.4
Bethesda /	Maximum	27	28	40	46	52	45	36	57	33	58	58	56	62	52	39	39	37	38	44	40	40	48	58	60	63	57	48	33	43	38	36	45.5
	Minimum	25	14	18	23	21	30	35	25	14	15	22	22	34	31	35	29	22	26	31	35	36	34	28	39	38	32	33	29	15	15	18	26.6
Bluff City	Maximum	46	40	52	47	56	60	48	59	58	59	67	67	67	71	69	50	45	43	48	48	45	48	60	66	63	64	60	47	49	47	46	54.7
	Minimum	38	22	28	33	25	46	45	31	25	28	37	53	42	40	41	26	31	35	35	41	38	37	30	39	43	37	41	37	22	27	22	34.7
Blytheville	Maximum	37	28	34	42	51	47	45	44	39	46	53	53	53	55	43	37	36	46	43	44	51	45	52	54	56	64	48	39	40	39	33	45.1
	Minimum	19	15	28	26	24	34	33	28	19	21	25	46	31	32	35	28	26	35	39	34	38	34	28	31	36	31	34	30	19	16	18	28.8
Booneville	Maximum	40	31	42	45	43	47	47	59	48	63	69	67	70	75	62	44	44	40	45	43	55	48	57	69	64	64	56	45	53	48	46	52.5
	Minimum	21	18	24	24	20	38	38	24	16	18	27	55	28	30	36	20	30	32	35	34	37	35	28	28	34	31	39	33	16	18	15	28.5
Brinkley	Maximum	40	32	51	47	54	50	44	55	36	56	60	55	61	66	46	39	39	43	46	43	47	50	54	62	63	60	50	44	44	42	39	49.0
	Minimum	24	21	30	27	25	40	32	29	23	25	29	50	38	33	30	26	26	33	39	39	38	34	29	34	42	35	31	28	20	21	18	30.6
Camden	Maximum	47	43	51	47	54	57	57	60	59	61	69	67	67	72	70	50	46	66	49	49	47	48	60	65	66	63	50	49	48	49	49	56.0
	Minimum	30	26	32	36	28	40	32	31	26	27	30	52	36	33	42	25	32	40	35	41	39	39	31	34	44	32	35	31	23	23	20	33.1
Camp Robinson	Maximum	45	36	49	45	54	51	47	59	36	59	63	64	60	70	51	40	39	41	55	48	51	59	60	64	64	61	52	47	46	40	40	51.5
	Minimum	26	20	28	27	24	24	21	20	18	24	30	51	37	35	30	28	27	32	37	38	38	34	34	35	32	31	31	28	21	20	20	29.1
Conway	Maximum	44	34	47	47	55	49	50	62	52	60	62	63	65	72	66	44	40	39	51	45	44	49	59	64	67	61	56	47	50	44	43	52.6
	Minimum	26	21	27	27	23	35	39	28	21	22	28	50	32	31	39	24	29	32	37	38	39	33	28	34	37	32	37	35	20	24	19	30.5
Corning	Maximum	45	32	41	43	45	42	41	48	47	58	54	56	59	52	52	40	38	40	43	45	49	46	57	58	65	62	50	43	42	37	35	47.3
	Minimum	28	13	25	32	28	28	32	30	13	20	22	42	30	28	35	29	25	30	36	35	34	35	25	28	35	30	33	27	13	19	16	27.6
Crossett	Maximum	50	47	55	52	60	63	61	62	54	61	68	68	63	73	63	50	42	44	52	49	50	54	58	65	71	62	55	54	50	48	47	56.5
	Minimum	27	21	36	37	28	43	44	28	30	21	27	47	39	33	37	24	31	37	41	35	39	37	25	30	38	34	30	37	23	21	16	32.1
Cummins Farm	Maximum	45	52	59	49	56	55	55	59	54	60	64	62	65	70	65	41	40	41	51	47	48	51	57	58	68	66	49	47	49	42	41	53.7
	Minimum	29	29	30	35	25	39	39	29	26	24	27	47	45	36	38	28	28	38	29	35	38	37	29	33	34	35	34	34	24	25	20	32.2
Dardanelle	Maximum	46	35	37	39	46	46	48	58	58	57	59	69	64	68	67	47	41	40	46	46	46	47	55	64	64	60	59	48	49	50	44	51.7
	Minimum	26	22	25	24	21	34	41	28	20	21	28	52	32	32	39	23	31	33	28	39	39	36	40	32	39	35	40	33	19	22	20	30.8
De Queen	Maximum	42	35	48	46	42	53	53	61	59	58	66	66	69	72	69	50	45	44	44	44	47	51	59	65	59	63	57	47	49	47	47	53.5
	Minimum	23	21	31	32	23	37	41	26	21	21	30	54	32	30	41	23	32	35	35	40	38	32	24	29	31	31	34	36	19	22	17	30.4
Des Arc	Maximum	42	38	50	49	54	51	50	57	54	56	61	61	62	67	60	39	39	39	46	45	45	48	54	62	64	63	58	47	51	44	39	51.5
	Minimum	26	18	25	27	22	33	33	27	19	22	27	48	34	31	37	31	25	32	36	24	37	37	27	34	42	33	33	31	19	23	17	29.4
Devils Knob	Maximum	30	25	30	41	43	45	44	56	35	51	53	56	59	60	48	39	44	36	36	35	42	41	49	59	51	58	46	39	37	34	38	43.9
	Minimum	17	11	19	28	29	36	30	28	8	23	36	48	41	44	27	19	24	28	30	32	32	28	29	39	37	31	39	23	17	9	17	27.7
Dumas	Maximum	45	41	55	50	58	58	56	60	51	60	63	63	63	71	62	45	40	42	52	49	53	52	60	61	69	62	52	48	49	43	44	54.1
	Minimum	29	23	33	37	26	40	40	31	28	25	40	49	43	38	34	26	30	36	40	39	38	40	30	36	43	34	36	34	23	27	21	34.0
El Dorado	Maximum	44	45	53	53	56	58	51	59	53	62	65	61	69	73	66	45	41	43	47	50	45	47	58	62	64	66	57	60	45	50	48	54.7
	Minimum	29	25	34	26	27	48	45	32	27	26	35	39	46	49	43	27	32	36	39	42	40	40	32	39	37	38	39	38	25	30	22	35.1
Eureka Springs	Maximum	38	36	51	49	54	57	62	60	52	58	65	63	63	70	64	43	41	40	50	48	45	48	58	61	65	63	58	50	45	45	41	53.0
	Minimum	25	20	28	29	22	44	29	28	21	24	28	44	33	33	38	24	27	32	36	32	36	32	36	36	36	32	34	32	21	24	20	30.2
Fayetteville	Maximum	32	29	35	42	47	50	47	54	33	54	61	63	62	58	53	38	44	42	39	39	46	44	51	60	56	57	51	38	41	38	35	46.4
	Minimum	19	12	27	30	26	40	30	27	9	27	30	47	33	37	29	22	28	31	32	35	34	29	26	34	37	28	35	23	18	11	16	27.8
Fayetteville Exp. S	Maximum	30	29	35	41	41	52	48	50	33	55	58	61	64	60	49	45	51	42	39	40	50	46	51	61	53	57	50	41	45	37	40	46.9
	Minimum	18	16	27	30	23	40	31	26	11	26	27	51	28	30	30	20	32	34	32	37	36	30	25	35	37	27	38	24	16	13	20	28.1
Fordyce	Maximum	30	35	35	40	40	53	50	53	36	56	59	62	65	60	51	45	51	50	39	40	51	46	53	62	60	58	52	41	45	40	39	48.3
	Minimum	17	14	24	28	18	38	29	25	10	25	25	53	26	30	28	18	29	32	30	34	34	28	22	29	36	25	35	22	16	10	17	26.0
Fort Smith	Maximum	46	40	54	52	56	55	58	59	54	57	66	63	64	70	69	48	43	41	48	49	47	53	57	66	67	61	57	49	47	45	46	54.4
	Minimum	28	23	29	35	28	41	43	32	27	26	35	51	41	42	39	27	31	35	37	40	39	39	29	35	44	34	41	36	23	29	24	34.3
Gilbert /	Maximum	31	31	36	41	42	48	47	58	36	55	65	64	65	67	48	41	46	40	45	43	47	46	51	62	51	56	49	43	49	38	45	47.9
	Minimum	22	22	25	30	28	42	33	25	19	25	37	47	37	38	33	28	32	35	36	39	40	35	30	39	39	33	43	30	23	20	22	31.9
Grannis	Maximum	32	30	42	48	67	47	46	68	38	61	64	65	67	63	40	40	42	36	43	40	52	49	62	64	65	60	48	35	48	39	41	49.7
	Minimum	26	16	19	24	17	17	36	22	14	14	16	19	28	25	25	25	25	29	32	34	35	36	23	23	26	26	26	30	10	11	14	23.3
Gravette	Maximum	40	34	45	46	40	53	53	60	46	63	65	66	68	71	64	46	45	46	44	42	47	50	62	66	60	65	54	45	50	45	51	52.6
	Minimum	25	20	28	28	23	35	39	27	19	23	34	48	40	39	37	23	29	32	33	36	35	33	29	35	31	32	38	32	18	19	19	30.3
Green Mountain	Maximum	30	34	33	43	41	50	49	52	37	55	61	62	66	59	45	45	52	50	41	41	46	46	54	61	55	57	47	40	43	35	40	47.4
	Minimum	15	13	25	30	28	39	29	24	9	24	31	51	24	29	29	18	32	34	31	36	35	29	20	26	36	20	33	32	13	9	16	26.1
Harrison	Maximum	35	23	36	45	51	50	41	42	35	55	58	60	62	55	45	36	37	35	39	40	43	45	49	65	64	55	50	35	42	37	34	45.1
	Minimum	22	12	20	22	29	30	30	26	10	31	25	49	35	40	30	25	24	28	30	32	34	31	35	35	37	35	35	25	19	15	17	28.0
Helena	Maximum	33	29	41	44	56	47	45	60	34	51	55	60	65	60	47	39	43	38	39	38	48	47	57	62	62	53	53	40	46	42	39	47.5
	Minimum	20	14	25	26	20	41	32	24	11	20	23	22	25	29	31	25	27	30	32	35	35	22	27	35	33	28	38	25	9	15	16	25.6
Highland	Maximum	42	34	53	49	56	53	53	55	50	53	60	54	60	67	67	39	40	44	51	45	48	48	54	59	67	66	51	47	43	42	38	51.2
	Minimum	29	19	28	33	25	42	37	28	24	20	32	46	38	40	38	27	25	34	38	39	33	40	28	35	44	37	38	32	20	25	19	32.0
Hope	Maximum	53	38	52	43	56	59	51	60	44	61	67	68	69	71	52	46	43	40	49	43	47	49	59	65	61	65	47	48	51	46	46	53.2
	Minimum	27	24	23	28	24	24	46	32	25	25	29	30	36	36	41	27	28	32	34	35	39	35	30	30	35	35	35	42	23	22	20	30.7
Hot Springs	Maximum	44	36	52	48	49	51	51	60	58	61	66	66	67	70	69	47	40	38	49	48	44	46	60	67	62	62	62	45	48	48	48	53.6
	Minimum	27	19	28	35	26	36	41	32	21	29	33	52	39	40	40	25	28	32	36	37	37	37	33	42	43	37	41	33	20	23	20	33.0
Jonesboro	Maximum	41	26	46	44	52	47	44	51	49	53	57	53	57	53	54	36	35	40	42	42	47	48	55	59	63	58	51	43	43	39	34	47.3
	Minimum	24	15	24	28	23	33	34	30	17	21	25	46	34	36	35	31	25	32	37	37	37	36	30	35	36	34	35	28	19	22	19	29.6
Lead Hill	Maximum	33	28	37	44	49	47	46	58	35	54	63	65	65	51	45	37	42	38	42	42	46	48	57	60	61	57	49	45	47	42	38	47.5
	Minimum	19	14	25	23	18	37	33	25	12	15	18	38	22	24	28	28	26	32	32	36	37	33	21	26	26	23	31	25	7	15	14	24.6
Little Rock	Maximum	38	32	47	42	54	50	45	58	36	60	64	63	58	69	51	39	39	40	49	41	44	46	60	61	63	59	49	45	46	40	39	49.2
	Minimum	25	22	29	30	22	40	35	31	21	26	31	51	41	36	32	29	30	33	38	39	39	35	33	37	43	38	37	29	22	26	23	32.4
Lutherville	Maximum	38	37	35	41	48	47	47	55	45	57	58	65	61	65	60	51	47	44	44	42	43	46	49	63	55	58	49	43	45	40	45	49.1
	Minimum	26	18	22	24	22	38	36	28	16	20	32	53	33	37	35	21	29	31	34	38	37	33	27	39	36	31	41	30	16	18	18	29.6
Magnolia	Maximum	47	43	43	51	58	61	60	63	60	62	68	69	69	73	67	50	50	44	45	45	49	50	61	65	66	63	61	50	49	47	47	56.0
	Minimum	28	26	31	37	28	48	46	31	27	26	36	54	40	38	41	27	32	35	38	42	40	35	29	35	43	35	38	39	25	37	25	34.9
Mammoth Spring	Maximum	30	24	36	40	42	43	41	43	32	37	42	51	58	50	48	42	40	41	41	39	42	43	47	52	57	68	40	41	42	40	41	43.0
	Minimum	19	13	19	23	27	32	34	38	12	18	22	27	30	25	24	25	23	30	34	35	30	28	34	37	39	40	34	30	11	18	15	26.6
Marianna /	Maximum	38	35	51	45	55	53	45	56	32	54	59	54	60	67	41	36	40	45	47	44	50	48	55	59	65	58	50	40	45	39	37	48.5
	Minimum	29	21	33	31	24	45	40	29	26	23	31	45	39	34	38	28	27	35	39	40	35	37	30	35	42	39	33	35	21	28	21	32.7
Marked Tree /	Maximum	34	30	45	45	52	48	39	52	35	51	56	52	57	59	42	36	37	44	43	44	50	45	54	58	65	57	44	33	41	36	34	45.7
	Minimum	29	15	25	25	23	23	37	31	20	19	24	25	35	32	31	32	24	27	34	38	38	35	30	28	24	36	33	33	19	18	18	27.8
Marshall /	Maximum	32	43	57	58	57	49	69	42	59	64	68	68	72	50	42	42	45	55	49	51	52	70	77	67	70	54	41	57	49	46	39	54.6
	Minimum	16	18	27	22	26	35	27	13	33	31	33	33	32	35	27	24	29	32	33	34	36	29	28	36	31	38	30	16	18	19	22	27.8
Mena	Maximum	36	31	41	46	45	50	49	60	50	64	65	67	71	71	62	44	42	38	45	43	47	47	60	68	58	67	56	43	50	43	49	51.9
	Minimum	23	18	26	33	28	40	38	28	17	26	31	53	35	40	35	23	28	31	32	32	35	31	28	34	36	32	39	31	18	18	18	30.2
Monticello	Maximum	44	42	56	46	58	60	54	60	50	60	66	57	65	72	55	44	40	48	48	46	48	53	59	65	70	67	53	49	48	43	45	53.9
	Minimum	29	24	34	37	27	47	42	30	26	25	36	27	46	40	44	27	31	36	40	38	40	40	29	36	45	37	40	41	25	27	22	34.5
Morrilton /	Maximum	39	33	43	49	61	47	48	63	65	61	65	68	69	74	46	41	42	42	48	46	46	48	62	65	64	64	52	41	50	42	45	52.5
	Minimum	26	18	18	23	22	23	40	27	22	18	22	28	31	30	31	26	28	30	34	36	35	34	29	29	32	34	36	34	19	21	21	27.6
Mountain Home	Maximum	38	28	37	45	55	45	47	58	36	55	61	64	62	54	47	39	39	36	40	40	43	46	58	59	65	57	41	40	43	41	33	46.8
	Minimum	18	13	22	19	22	29	33	27	12	18	26	44	25	31	32	27	25	31	32	32	36	33	28	34	31	29	34	25	13	16	16	26.2
Mt. Ida	Maximum	41	35	50	49	52	50	45	61	52	65	67	67	65	72	59	44	40	39	52	49	47	47	63	69	62	69	63	46	51	46	46	53.6
	Minimum	24	15	26	25	18	30	40	24	20	18	21	55	25	38	38	12	29	33	36	39	38	32	23	25	29	39	32	33	13	21	10	27.8
Nashville	Maximum	44	40	52	49	49	55	56	60	58	60	68	68	68	72	62	49	44	43	48	46	47	50	60	65	65	65	52	49	50	50	47	54.5
	Minimum	62	24	33	31	25	36	40	29	24	24	29	53	34	31	41	26	32	35	32	39	38	30	26	32	33	33	32	38	22	24	20	31.4
Newport	Maximum	36	28	50	45	54	45	43	56	49	60	60	57	61	60	53	38	38	40	45	44	46	50	63	60	65	60	47	42	45	39	37	48.9
	Minimum	29	18	24	27	24	33	39	26	21	22	28	50	35	32	40	33	25	34	38	38	39	31	29	31	39	36	37	33	20	25	22	30.9

Daily Temperatures for January, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Nimrod Dam	Maximum	44	37	43	44	54	53	46	59	57	61	66	67	67	73	71	44	40	39	45	45	46	47	57	65	63	63	59	46	50	50	46	53.1
	Minimum	27	18	26	28	21	33	42	28	22	21	27	55	32	31	39	22	28	32	36	37	38	35	29	33	36	35	37	33	18	22	16	30.2
Oden	Maximum	38	33	48	50	55	50	46	63	46	65	67	66	71	71	49	45	41	40	51	45	48	48	63	70	61	66	50	43	52	43	49	52.7
	Minimum	25	18	27	30	28	38	36	28	19	24	27	51	34	32	42	21	30	33	35	39	38	40	30	35	32	38	37	30	15	21	15	30.6
Okay	Maximum	52	50	52	50	50	58	59	61	50	62	68	69	69	75	73	56	47	44	47	44	48	50	61	65	63	65	65	50	50	50	49	56.2
	Minimum	23	23	31	35	24	40	46	29	26	23	28	54	33	31	43	26	32	34	34	40	38	35	26	32	35	32	34	29	23	26	20	31.8
Ozark	Maximum	40	35	38	40	40	50	59	59	39	60	62	68	68	67	63	46	46	41	51	46	51	48	50	63	52	60	50	47	48	42	45	50.8
	Minimum	23	20	24	24	21	37	40	26	18	20	30	53	30	32	36	22	28	34	34	40	39	36	27	32	31	31	41	34	18	19	19	29.6
Paragould	Maximum	41	26	41	40	47	43	44	46	27	48	51	54	54	55	56	37	34	40	43	43	49	48	53	54	60	55	50	42	38	37	33	44.8
	Minimum	25	15	23	26	22	30	33	31	16	21	24	44	32	30	35	31	26	31	37	36	37	35	29	32	33	34	33	28	15	21	19	28.5
Perryville	Maximum	44	39	50	48	58	60	52	57	45	66	72	74	72	80	50	42	48	43	54	48	45	51	64	62	62	61	52	58	60	56	64	56.0
	Minimum	27	18	19	25	20	35	39	30	20	19	14	30	31	29	29	20	23	31	35	38	38	25	29	30	30	29	31	30	34	36	36	28.4
Pine Bluff	Maximum	45	48	55	48	59	54	53	61	52	62	67	61	65	71	64	43	40	42	50	47	45	51	59	63	67	62	51	47	48	44	46	53.9
	Minimum	28	29	30	34	25	41	41	32	24	24	30	54	47	39	38	29	31	31	39	40	40	38	31	32	45	34	37	35	24	30	23	34.0
Pocahontas	Maximum	42	38	40	46	49	47	46	48	49	55	55	54	56	55	53	40	38	40	43	44	46	48	58	57	63	62	56	51	41	41	38	48.4
	Minimum	24	12	22	24	20	30	34	30	12	19	22	42	31	27	34	30	24	30	36	36	35	33	25	31	33	30	35	28	14	13	16	26.8
Portland	Maximum	50	42	55	50	58	60	58	60	55	60	65	62	65	72	65	45	41	45	52	47	50	56	60	64	70	64	58	52	46	45	45	55.4
	Minimum	30	25	37	38	27	45	43	32	28	25	31	48	47	39	40	29	31	36	41	38	40	42	32	37	45	38	35	42	27	27	24	35.5
Prescott	Maximum	47	41	53	48	55	60	60	60	58	60	67	68	67	71	70	51	45	42	40	49	46	50	60	65	64	64	61	47	48	47	46	55.2
	Minimum	27	23	29	32	25	42	46	32	26	28	32	54	39	38	42	27	32	35	35	42	39	36	32	35	40	36	41	39	25	27	22	34.1
Rogers	Maximum	28	30	32	41	39	52	47	53	35	55	60	62	66	57	49	43	50	44	41	40	47	45	54	62	53	58	50	40	45	37	39	46.9
	Minimum	17	13	28	27	25	38	30	26	9	25	28	52	30	31	29	19	31	31	32	35	34	29	24	31	36	25	36	23	15	9	18	27.0
Russellville	Maximum	43	34	37	41	47	46	48	58	45	59	60	68	63	69	66	44	42	40	46	46	46	47	53	65	59	60	51	47	49	49	45	50.7
	Minimum	26	21	25	22	22	33	42	28	21	20	28	48	31	30	39	22	31	33	37	39	39	37	30	33	40	35	40	33	19	21	19	30.5
St. Charles	Maximum	45	42	55	55	59	59	55	59	59	56	64	64	61	70	64	52	40	43	52	52	50	59	55	60	67	67	58	56	45	48	44	55.3
	Minimum	28	20	30	22	21	41	37	28	24	22	24	46	41	33	36	37	27	34	38	38	32	39	28	36	41	36	32	31	20	27	18	31.5
Searcy	Maximum	43	31	48	45	52	48	46	56	40	58	60	60	61	65	58	41	39	40	49	44	46	49	55	60	64	60	52	46	45	42	37	49.7
	Minimum	26	20	25	28	23	34	28	28	20	22	30	47	35	32	38	32	28	33	37	36	39	32	31	34	41	35	36	32	21	24	20	30.9
Sheridan	Maximum	44	34	53	53	56	54	52	59	58	63	66	63	65	70	68	45	40	43	51	50	44	48	59	66	64	63	53	48	48	50	42	53.9
	Minimum	..	22	31	30	23	38	40	29	23	23	29	51	36	34	42	24	28	32	38	38	36	32	28	33	40	35	36	34	19	27	17	31.6
Siloam Springs	Maximum	30	33	35	39	38	52	48	53	36	55	62	63	65	60	48	45	42	41	43	41	49	46	55	61	51	56	49	41	45	36	41	47.1
	Minimum	18	15	26	31	24	37	31	25	11	23	28	48	27	30	31	18	33	34	32	36	36	30	22	28	37	24	35	24	15	12	17	27.0
Stuttgart	Maximum	43	36	47	52	55	53	54	59	52	57	63	59	60	70	64	42	41	41	51	46	46	50	55	59	66	71	55	48	45	45	40	52.4
	Minimum	28	22	30	31	26	38	39	30	24	25	32	48	42	33	40	28	29	35	38	37	36	39	30	36	43	36	38	34	23	22	23	32.7
Stuttgart Evap.	Maximum	43	36	51	49	54	53	53	57	52	55	60	57	57	67	64	40	40	41	50	49	48	48	53	59	64	62	58	48	44	44	40	51.5
	Minimum	27	20	29	29	23	37	36	27	22	28	27	46	39	31	36	26	26	32	36	35	32	36	36	31	38	34	33	31	20	20	20	30.4
Subiaco	Maximum	39	29	36	40	41	46	46	56	40	55	65	65	59	63	60	41	42	38	46	43	51	46	50	61	57	59	54	45	43	42	44	48.5
	Minimum	25	18	23	24	20	35	40	29	18	22	32	58	36	34	36	23	29	32	35	39	38	36	31	41	39	31	42	33	19	20	20	30.9
Texarkana	Maximum	44	40	46	45	54	59	53	62	44	62	65	69	69	71	53	48	44	42	43	45	48	49	59	61	60	64	49	47	49	44	48	52.8
	Minimum	29	26	31	32	28	49	37	33	26	28	39	51	40	40	36	30	33	36	39	40	40	35	32	36	42	36	42	31	27	27	25	34.7
Turnpike	Maximum	40	30	34	44	45	46	45	52	47	59	59	59	60	62	61	40	42	35	36	36	42	44	50	63	55	59	49	39	40	42	40	46.9
	Minimum	17	12	17	26	26	34	29	26	9	21	34	47	36	42	21	19	22	26	28	30	30	28	28	36	37	29	36	20	16	11	17	26.1
Waldron	Maximum	40	33	47	45	49	48	46	61	45	60	66	68	68	74	62	45	45	41	44	42	54	47	58	67	61	63	55	46	51	49	47	52.5
	Minimum	22	16	26	25	21	41	37	23	18	19	23	56	27	27	36	19	30	32	34	34	37	32	25	26	28	27	36	32	16	19	14	27.7
Warren	Maximum	46	45	65	54	60	63	62	58	50	60	67	65	65	72	70	49	45	44	47	48	48	55	59	61	68	65	60	51	50	50	47	56.4
	Minimum	30	24	32	38	26	44	43	30	28	28	31	52	42	41	43	27	30	37	39	42	40	41	32	36	38	37	38	36	24	29	23	34.9
White Rock	Maximum	33	25	31	40	36	47	46	53	34	59	55	59	61	60	49	39	46	35	44	39	41	43	53	59	53	56	45	38	40	37	42	45.1
	Minimum	13	11	20	20	27	35	30	27	10	20	39	48	39	44	26	20	24	28	29	32	31	26	30	36	34	32	36	23	15	11	18	26.9
Wilson	Maximum	38	33	46	44	54	51	51	50	50	48	52	53	51	50	49	39	37	48	48	48	54	48	47	50	52	53	50	43	40	32	32	46.5
	Minimum	23	12	22	28	21	31	32	32	28	17	26	43	39	29	34	27	20	33	32	34	34	33	32	34	34	35	34	20	18	16	16	28.0
Wynne/	Maximum	37	32	52	48	57	50	41	55	33	58	62	54	62	65	41	39	37	44	44	45	50	49	52	63	61	60	50	36	46	42	31	48.3
	Minimum	28	18	20	30	25	25	39	28	22	21	27	28	34	32	33	30	26	29	35	38	38	38	29	29	33	33	35	34	20	23	19	29.0

Daily River Stages for January, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	7.8	7.8	7.5	7.3	7.3	7.3	7.3	7.2	7.0	6.8	6.8	6.6	6.6	6.5	6.5	6.4	6.3	5.7	6.2	6.4	6.6	6.8	6.7	6.5	6.0	6.3	6.4	6.4	6.5	6.5	6.4
Van Buren	do	22	7.6	7.5	7.3	7.3	7.2	7.2	7.1	7.0	7.0	6.9	6.9	6.6	6.6	6.6	6.5	6.3	5.8	5.9	6.3	6.6	6.7	7.1	6.7	6.3	6.3	6.5	6.6	6.6	6.6	6.6	6.2
Danville	Petit Jean	20	13.1	12.2	10.2	8.8	8.4	7.9	7.6	7.4	7.0	6.2	5.7	5.4	5.2	5.1	4.9	4.6	4.4	4.3	5.3	8.5	9.1	8.7	8.1	7.9	6.7	6.2	5.9	5.6	5.6	5.7	5.4
Ozark	Arkansas	22	3.7	3.6	3.6	3.4	3.4	3.3	3.3	3.2	3.0	3.1	3.0	2.9	2.7	2.6	2.6	2.5	2.4	2.2	2.0	2.6	2.7	2.8	3.1	2.9	2.5	2.0	2.6	2.7	2.6	2.6	2.6
Dardanelle	do	22	6.3	6.2	6.0	6.0	5.8	5.8	5.8	5.7	5.6	5.4	5.3	5.3	5.1	4.9	4.9	4.8	4.7	4.5	4.3	4.7	5.0	5.1	5.2	5.3	4.9	4.6	4.6	4.2	4.8	4.9	4.6
Morrilton	do	20	2.4	2.4	2.2	2.0	1.6	1.5	1.5	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.3	0.2	0.1	-0.1	-0.2	0.2	0.6	0.7	0.8	0.8	0.6	0.2	0.0	0.2	0.2	0.2	0.2
Little Rock	do	23	6.1	6.1	6.0	5.5	5.0	4.6	4.5	4.7	4.7	4.5	4.1	3.8	3.6	3.4	3.2	3.1	2.9	2.8	2.7	2.8	3.2	3.4	3.5	3.4	3.5	3.3	3.0	2.8	2.8	2.9	2.8
Pine Bluff	do	25	8.0	8.3	8.2	7.9	7.2	6.6	6.0	5.7	6.0	6.0	5.7	5.2	4.8	4.5	4.3	4.0	3.6	3.5	3.4	3.4	3.6	3.7	4.2	4.6	4.3	4.3	4.1	3.8	3.5	3.2	3.2
Gilbert	Buffalo	30	3.7	3.7	3.7	4.2	4.2	4.0	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9
Black Rock	Black	14	2.1	2.0	2.0	1.9	1.8	1.7	1.8	2.1	2.1	2.0	1.8	1.8	1.8	1.8	1.7	1.6	1.5	1.5	1.5	1.8	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
Heber Springs	Little Red	30	7.6	7.6	7.7	7.4	7.0	6.7	7.2	8.1	7.9	7.0	6.6	6.3	6.0	5.8	5.6	5.3	5.4	5.5	5.5	5.6	5.6	5.6	5.7	5.7	5.8	5.7	5.5	5.4	5.3	5.2	5.1
Ozark Beach Mo	White	30	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.8	-0.2	-0.2	-0.2	-0.2	-0.3	0.0	-0.2
Cotter	do	21	2.4	2.3	2.4	2.0	2.3	2.1	2.1	2.4	2.1	2.0	2.5	2.2	2.2	2.3	2.3	2.0	1.7	2.1	2.4	2.7	2.4	2.3	2.1	1.9	2.3	2.2	2.2	2.4	2.5	2.2	2.6
Calico Rock	do	18	1.0	1.2	1.1	1.1	1.1	1.0	1.0	1.3	1.4	1.0	1.3	1.0	0.9	1.4	1.1	0.8	0.7	0.8	1.2	1.2	1.4	1.4	1.4	1.5	1.6	1.0	1.3	1.2	1.5	1.5	1.1
Batesville	do	23	6.2	6.8	5.9	5.8	5.7	5.7	5.9	6.1	6.1	6.0	5.7	5.8	5.6	5.6	5.9	5.5	5.4	5.3	5.5	5.7	5.7	5.9	5.7	5.8	5.9	5.7	5.6	5.6	5.7	5.7	5.7
Newport	do	26	1.6	2.5	2.2	1.8	1.8	1.5	1.2	1.6	2.7	2.5	2.2	1.8	1.5	1.3	1.1	1.1	0.9	0.7	0.5	1.0	1.5	1.4	1.5	1.3	1.3	1.2	0.9	0.8	0.8	0.9	0.8
Georgetown	do	21	8.7	9.4	9.2	8.6	8.0	7.3	7.0	7.8	8.6	8.5	8.0	7.5	6.7	6.0	5.5	5.0	4.5	4.0	3.8	4.5	4.5	4.8	4.9	4.9	4.7	4.5	4.3	3.7	3.5	3.3	3.3
Des Arc	do	24	12.8	13.7	13.8	13.4	12.8	12.0	11.8	12.2	12.5	12.6	12.4	12.4	11.3	10.6	9.5	9.3	7.8	7.6	7.6	7.6	8.0	8.2	8.4	8.4	8.2	7.9	7.6	7.2	6.9	6.4	6.2
Clarendon	do	26	19.0	19.7	20.2	20.4	20.4	20.3	20.1	20.1	20.2	20.3	20.3	20.2	19.9	19.5	19.0	18.4	17.7	17.0	16.5	16.3	16.2	16.1	15.9	15.9	15.8	15.5	15.1	14.8	14.2	13.7	13.3
St. Charles	do	25	18.9	19.6	20.3	20.6	20.9	21.0	21.0	20.9	20.9	20.9	20.9	20.9	20.9	20.6	20.3	19.8	19.3	18.7	18.2	17.7	17.2	16.8	16.5	16.2	15.9	15.6	15.3	14.9	14.5	13.9	13.4
Glenwood	Caddo	..	6.6	6.4	6.4	6.2	6.0	6.0	6.0	6.0	5.9	5.8	5.7	5.8	5.7	5.7	5.7	5.6	5.6	5.6	6.2	6.3	6.1	6.0	5.9	5.8	5.7	5.7	5.7	5.8	5.7	5.6	5.5
Arkadelphia	Ouachita	17	15.2	14.2	12.6	9.6	9.7	8.9	11.3	9.0	8.4	8.2	8.0	7.0	7.7	6.8	4.6	6.4	8.0	6.2	10.0	9.5	8.1	7.2	7.6	7.6	7.2	7.4	7.7	7.1	5.4	6.6	6.6
Boughton	Little Mo.	20	18.0	15.2	14.9	14.3	12.8	10.4	9.4	10.2	10.6	9.4	8.9	7.5	7.3	7.1	7.0	7.2	6.8	6.3	7.9	13.0	12.6	11.1	9.7	9.4	9.2	8.4	7.7	6.2	6.9	6.3	6.2
Camden	Ouachita	26	33.0	34.0	34.4	34.1	33.3	32.3	30.8	29.4	28.3	26.0	24.0	21.9	19.7	18.0	16.8	15.0	14.3	12.2	13.6	20.0	20.6	21.4	21.4	21.0	20.3	19.3	18.0	16.2	14.8	13.0	11.6
Benton	Saline	20	9.6	9.6	9.4	8.4	8.1	7.9	8.0	8.1	8.7	8.7	8.6	8.6	8.0	7.4	6.9	6.8	6.4	6.3	7.6	8.1	8.6	7.8	7.4	7.2	7.2	6.8	6.6	6.4	6.4	6.4	6.3
Index	Red	25	12.6	10.8	10.8	10.0	9.8	8.6	8.1	7.8	7.6	7.3	7.2	6.8	6.6	6.4	6.2	6.0	6.0	6.0	6.4	6.6	8.0	9.8	10.7	10.1	9.5	8.9	8.4	8.1	7.4	7.2	6.8
Fulton	do	25	17.1	16.8	16.2	15.4	15.1	13.5	12.9	11.6	10.3	9.8	9.2	8.8	8.2	8.1	8.0	7.8	7.6	7.4	7.4	9.0	9.5	10.6	12.2	12.1	11.4	10.5	10.0	9.4	8.7	8.5	8.3
Big Lake Outlet	St. Francis	10	5.1	5.1	5.4	5.7	5.6	5.5	5.7	5.8	6.1	6.6	7.1	7.0	6.9	6.6	6.5	6.6	6.5	6.3	6.3	6.0	5.8	5.8	5.8	5.7	5.7	5.8	5.7	5.7	5.5	5.3	5.2
St. Francis	do	18	5.4	4.4	4.1	3.8	3.5	3.4	3.8	6.8	4.4	4.5	4.0	3.6	3.5	3.4	3.3	3.2	3.2	3.2	3.6	4.4	4.6	4.5	4.1	3.7	3.6	3.5	3.4	3.4	3.4	3.4	3.4
St. Francis L.L.	do	..	19.2	19.3	19.3	19.4	19.5	19.6	19.7	19.8	19.9	19.9	20.0	20.1	20.3	20.4	20.4	20.4	20.3	20.1	20.0	19.9	19.8	19.7	19.6	19.5	19.4	19.3	19.3	19.3	19.2	19.1	19.0
Marked Tree	do	17	8.5	8.9	8.9	8.8	8.5	8.2	8.1	8.9	9.1	9.2	9.0	8.7	8.6	8.4	8.2	8.3	8.2	8.0	8.9	8.0	8.0	8.0	7.8	7.7	7.6	7.5	7.4	7.4	7.3	7.3	7.2
Parkin	do	28	12.8	13.6	13.5	12.9	12.1	11.0	10.6	11.5	12.5	12.9	12.6	11.9	11.0	10.5	9.8	9.4	9.1	8.8	8.6	8.7	8.8	8.8	8.5	8.3	8.0	7.8	7.5	7.4	7.2	7.1	7.1
Madison	do	32	11.1	11.6	11.8	11.7	11.5	11.5	12.0	12.8	13.7	14.4	15.0	15.0	13.7	13.0	12.6	12.1	11.5	11.1	10.0	9.7	9.2	8.7	8.4	8.0	7.5	7.2	6.8	6.5	6.2	6.5	6.5
Helena	Mississippi	42	14.8	17.9	20.4	23.3	25.6	27.3	28.8	29.9	30.5	30.8	30.9	30.8	30.6	30.3	29.8	29.3	28.4	27.4	26.3	25.2	24.2	23.3	22.5	21.9	21.5	21.1	20.6	19.9	18.9	17.6	16.3
Arkansas City	do	42	11.4	13.1	15.5	18.0	20.0	21.9	23.0	23.9	24.6	25.1	25.5	25.7	25.7	25.5	25.0	24.4	23.8	23.4	23.1	22.5	21.8	21.0	20.2	19.6	19.1	18.7	18.3	18.0	17.6	16.8	15.6

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., trace or 0.001 inch or less. [a],[b],[c], etc., number days missing, example, [b]indicates 2 days missing. §Partly interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 11;30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature thenread is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Forest City: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott· Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain. Calico Rock. Heber Springs, Tumbling Shoals; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado: Morrilton, Route 3. Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley; Sparkman, Rt. Sparkman; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O. Fort Worth, Texas—3-16-1945—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

3

WALTER C. HICKMON

Vol. L LITTLE ROCK, ARK., FEBRUARY, 1945 No. 2

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

February temperatures averaged close to normal for the State as a whole. Considering individual stations, monthly average temperatures ranged from 51.4° at Portland to 38.0° at Devils Knob. The first eight days were quite cold, but warm and cool periods alternated frequently during the remainder of the month. Practically all stations recorded the highest temperature of the month on the 15th but the lowest temperatures occurred on various dates at different stations. No subzero temperatures occurred, and minima were somewhat higher than in several preceding years. There was much cloudiness during the month, consequently sunshine was deficient.

Precipitation was very heavy in most sections of the State. This was the wettest February since 1939 and the second wettest since 1890. Stations in the west-central section of Arkansas measured more than ten inches. Rain fell at frequent intervals during the month, the intervening dry periods averaging only two or three days in duration. Precipitation was quite heavy on the 20th-21st and 26th-27th, some stations measuring more than three inches during a 24-hour period. Snowfall was below normal in all sections.

A very severe ice storm occurred on the 26th and 27th. The freezing rain covering trees, shrubbery, wires, and highways with a thick coating of ice. The weight of the ice caused many trees to be uprooted, and many communication and power lines were broken. Telephone and telegraph service was severely crippled for several days following the storm. Bus service was suspended for about a day on some highways.

The heavy rains during the latter part of February caused sharp rises on all the rivers in the State. Only the Arkansas River failed to flood, although the river was less than a foot below flood stage at Dardanelle on the 27th. At the close of the month the Ouachita, Black, and most of the White rivers were in flood and rising.

February weather was decidedly unfavorable for farmers, and little outside work, such as plowing and planting, was accomplished during the latter two weeks of the month. Also, much lowland near the rivers was inundated, and this will further delay spring farm operations. However, the rains improved meadows, pastures, and winter grains. As the month ended, some fruit trees were budding, and gardens were being planted in the extreme southern section of the State. B.N.W.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 78 stations, was 44.1°, which is 0.4° above the 55-year average for February. The highest monthly mean temperature was 51.4° at Portland and the lowest was 38.0° at Devils Knob. The highest temperature recorded was 88° at Morrilton on the 15th, and the lowest was 12° at Mammoth Spring on the 1st.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 106 stations, was 7.86 inches, which is 4.35 inches above the 55-year average for February. The greatest monthly total was 11.40 inches at Dardanelle, and the least was 4.96 inches at Dumas. The greatest amount recorded in any 24-hour period was 4.34 inches at Fort Smith Water Plant on the 19th-20th.

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Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.48	1	29.47	21	10.0	27	w.	21	85	72	72	46	601
Little Rock	30.63	1	29.45	21	9 5	27	se.	21	85	72	71	31	603
Memphis ..	30.66	1	29.51	21	8.8	27	w.	22	82	73	74	30	584

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.5	80	6	2.92	....	8	10	9	9
1892	49.0	78	18	3 47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	45.8	89	7	2.59	0 7	4	10	7	11
1898	31.8	82	7	2.08	T.	5	15	5	8
1899	39.7	75	−25	2.18	2 7	6	12	6	10
1900	40.8	74	− 5	5.06	1.2	8	9	7	12
1901	35.0	79	10	2.18	1.6	6	10	7	11
1902	41.0	72	− 2	2.60	3.2	5	9	8	11
1903	44.9	79	−12	7.63	2 7	10	10	6	12
1904	32.3	86	10	2.47	0.8	5	12	8	9
1905	41.8	82	−29	2.55	7.1	7	9	6	13
1906	44.9	75	− 7	2.21	1.6	6	15	5	8
1907	44.2	83	4	2.77	0.5	6	12	6	10
1908	47.3	78	0	5.26	0.4	9	12	5	12
1909	39.0	82	5	5.41	0.9	8	13	6	9
1910	49.8	75	−13	3.66	5.9	7	11	6	11
1911	37.9	87	7	4 31	0 3	9	9	8	11
1912	41.0	78	− 7	2.80	4.5	6	12	8	9
1913	40.4	82	5	3.74	1.8	8	11	6	11
1914	45.9	79	− 2	4.23	0.9	7	11	7	10
1915	43.4	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	46.9	89	− 4	1 93	1.1	4	15	5	8
1918	44.1	93	4	1.17	0.4	4	12	6	10
1919	45.0	80	−10	3.34	2 5	8	13	4	11
1920	48.3	79	− 2	1.26	1.0	5	11	8	10
1921	47 8	85	− 3	3.59	9.8	6	15	5	8
1922	41.9	84	10	4.89	1.3	8	9	7	12
1923	42 9	80	5	4.66	1.9	8	11	4	13
1924	49 3	82	− 7	2.26	0.4	7	12	4	13
1925	48.5	83	12	3.37	0.5	6	12	7	9
1926	52.1	88	10	2.02	0.3	4	15	5	8
1927	80..	90	9	2.62	1.5	8	10	7	11
1928	41.0	79	10	2.23	0.6	7	12	6	11
1929	4552	76	−20	4.01	8.8	10	9	4	15
1930	43.2	86	16	3 92	0.0	6	12	6	10
1931	44.5	75	14	4 77	T.	8	13	4	11
1932	25 3	86	9	4.72	T.	9	13	5	11
1933	24.8	82	−13	3 53	2.4	10	11	5	12
1934	59.4	82	3	2.00	0.5	6	14	4	10
1935	66.5	87	8	2.44	T.	6	12	5	11
1936	46.5	89	−15	1.70	2.4	7	12	5	12
1937	14.2	84	12	2.11	0.2	6	11	7	10
1938	50.9	87	8	6.08	0.1	7	9	7	12
1939	43.6	76	4	8.56	3.2	12	10	5	13
1940	41.9	88	10	3.31	3.2	10	7	5	17
1941	40.8	72	7	2.92	3 4	8	11	5	12
1942	41.2	81	− 2	2.97	1.4	8	9	7	12
1943	47.5	83	7	1.00	0.4	3	14	8	6
1944	48.2	87	4	7.34	2.5	12	8	7	14
1945	44.1	88	12	7.86	1.0	11	7	5	16
Period	43 7	93	−29	3.51	1.8	7	11	6	11

Corrections for January, 1945 Climatological Data

Page 5: Daily temperatures opposite Eureka Springs apply to England, temperatures opposite Fayetteville apply to Eureka Springs, temperatures opposite Fayetteville Exp. Station apply to Fayetteville. temperatures opposite Fordyce apply to Fayetteville Exp. Station, temperatures opposite Fort Smith apply to Fordyce. temperatures opposite Gilbert apply to Fort Smith, temperatures opposite Grannis apply to Gilbert, temperatures opposite Gravette apply to Grannis, temperatures opposite Green Mountain apply to Gravette, temperatures opposite Harrison apply to Green Mountain, temperatures opposite Helena apply to Harrison, temperatures opposite Highland apply to Helena. There are no daily temperatures for Highland.

NAT. HIST.

Climatological Data for February, 1945

Stations	Counties	Elevation, feet	Length of record years	Temperature, (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......***	Saline...........	755	8	43.2	......	77	15	20	6	8.65	......	2.40	26-27	T.	13	3	9	16	w.	L. R. Water Works
Arkadelphia	Clark...........	200	49	44.4	− 1.2	80	15	19	1	8.72	+4.94	1.80	26-27	T.	16	6	2	20	ne.	W. H. Halliburton
Arkansas City.......	Desha...........	145	60	......	......	......	......	......	......	5.98	+1.68	1.69	13	0.0	12	6	3	19	......	John W. Trammell
Ashdown............	Little River.....	330	1	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	J. F. Ferguson
Batesville Airway..	Independence...	363	8	40.9	− 0.1	78	15	20	1	7.42	......	2.87	20-21	T.	12	5	6	17	n.	Airway Observer
Batesville Livestk...	Independence...	500	4	40.4	......	79	15	20	18†	9.05	......	2.88	16-17	1.0	7	9	5	14	ne.	University of Arkansas
Batesville River.....	Independence...	277	45	......	......	......	......	......	......	7.19	+3.84	2.18	20-21	1.0	10	7	3	18	......	C. M. Barnwell
Bee Branch	Van Buren......	650	52	41.4	− 1.2	79	15	19	8	7.96	+4.89	2.60	21	0.0	8	6	8	14	e.	Minnie Scanlan
Benton	Saline...........	285	9	46.6	......	79	15	19	6†	8.07	......	2.45	20-21	0.6	11	11	4	13	sw	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	38.8	− 1.2	75	15	19	8	7.43	+5.24	2.54	20-21	4.7	11	7	6	15	se.	E. L. Brown
Bethesda ....***	Independence...	500	5	39.9	......	75	15	19	1	8.83	......	2.00	27	2.0	8	7	7	14	nw.	Soil Cons. Service
Big Lake Outlet ..***	Mississippi......	239	14	......	......	......	......	......	......	5.71	+2.41	1.23	20-21	0.1	15	4	6	18	....	N. W Douglas
Black Rock..........	Lawrence	259	43	......	......	......	......	......	......	7.29	+4.13	2.77	20-21	0.0	10	6	0	22	n.	J. H. Ragan
Bluff City, 2 mi. s....	Nevada..........	284	4	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Ark. Forestry Com
Blytheville	Mississippi......	252	19	43.2[a]	− 0.1	75[a]	15	16[a]	1	6.31	+3.34	1.13	20-21	0.0	10	8	9	11	s.	Maureen K Norris
Booneville 3 miles w	Logan	465	30	44.4	− 1.0	83	15	21	8	9.36	+6.81	....	......	3.0	13	9	6	13	e.	F. H. Randolph
Boughton ....***	Clark...........	235	9	......	......	......	......	......	......	6.44	......	1.75	26-27	0.0	8	7	1	20	......	Katie B. Moore
Brinkley	Monroe	205	53	43.9	− 0.3	76	15	22	1	6.85	+2.65	1.79	26-27	T.	13	4	4	20	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	40	......	......	......	......	......	......	8.58	+6.02	2.09	26-27	2.0	8	5	3	20	......	William Jones
Camden	Ouachita	116	59	49.4	+ 2.2	80	15†	20	1	5.67	+1.69	1.13	27	0.0	16	3	11	14	se.	J. M. Knight
Camp Chaffee.......	Sebastian........	419	1	42.6	......	80	15	24	1	8.29	......	3.28	20-21	5.9	11	6	6	15	e.	U. S. Army
Camp Robinson.....	Pulaski..........	463	4	44.2[b]	......	79	15	25[c]	1†	7.22	......	2.12	19-20	0.7	13	3	8	17	ne	U. S. Army
Clarendon...........	Monroe..........	172	40	......	......	......	......	......	......	6.55	+2.62	1.42	20-21	T.	14	6	2	20	ne.	B F. Northern
Conway.............	Faulkner........	309	61	44.8	+ 0.2	83	15	22	6	9.09	+5.40	3.85	20-21	0.8	12	8	6	14	e.	E. E. Cordrey
Corning	Clay............	293	51	43.2	+ 3.1	79	15	15	1	7.73	+4.34	1.73	20-21	T	8	7	10	11	n.	Richard Polk
Cotter	Baxter	440	17	......	......	......	......	......	......	8.49	+5.69	2.43	20-21	3.0	6	8	5	15	......	O. B. McSpadden
Crossett 7 miles s....	Ashley	175	32	50.6	+ 3.2	81	16	23	8	7.75	+4.26	2.70	19-20	0.0	13	6	4	18	n.	U. S Forest Service
Cummins Farm .***	Lincoln	175	1	46.8	......	79	15	24	8	6.20	......	2.05	20-21	0.0	9	13	5	10	n.	T. C. Cogbill
Danville............	Yell	327	28	......	......	......	......	......	......	11.08	+8.23	3.92	21	1.5	11	7	6	15	......	J. M. Patterson
Dardanelle	Yell	330	58	45.1	+ 0.4	83	15	24	6†	11.40	+8.31	3.59	20-21	1.2	11	3	10	15	e.	Geo. N. Goodier
DeQueen	Sevier	426	9	46.5	......	80	15	24	8	7.41	......	2.45	26-27	0.0	10	7	8	13	......	L. D. McCowan
Des Arc.............	Prairie	204	6	44.4	......	78	15†	21	1	6.13	......	1.63	20-21	T.	11	2	6	20	n.	Z. R. Glenn
Devils Knob.....***	Johnson	2350	8	38.0	......	72	15	18	2	10.07	......	2.87	20-21	5.0	14	9	1	18	ne.	U. S. Forest Service
Dumas	Desha	162	39	48.6	+ 0.9	79	15	26	8	4.96	+0.95	1.17	27	0.0	15	3	6	19	s.	Ben Johnson
El Dorado...........	Union	270	44	50.6	+ 1.4	81	15	22	7	7.65	+3.58	1.85	19	0.0	14	7	6	15	n.	Mrs. E. W. Gaston
England............	Lonoke	229	38	45.8	− 0.8	80	15	24	2	7.05	+3.12	2.55	27	T.	12	8	3	17	n.	O. V. Halbrook
Eureka Springs....	Carroll..........	1465	44	41.1	+ 0.1	76	15	19	18†	8.31	+5.72	3.00	25-26	1.9	11	11	2	15	ne.	Geo. W. Nichoalds
Fayetteville.........	Washington.....	1334	7	42.0	......	76	15	19	8	9.17	......	3.67	25-26	4.9	13	5	5	18	s.	Charles F. Ford
Fayetteville Exp....	Washington.....	1451	57	41.2	+ 0.8	76	15	17	8	8.67	+6.27	2.69	25-26	5.4	13	4	8	16	sw.	University of Ark.
Fordyce............	Dallas	280	4	48.4	......	78	15	24	5	5.34	......	....	......	0.0	10	1	18	9	ne.	Ark. Forestry Com.
Fort Smith	Sebastian	448	63	43.6	+ 0.8	78	15	28	2	8.54	+5.98	3.54	20-21	4.2	11	4	5	19	e.	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	7	......	......	......	......	......	......	9.50	......	4.34	19-20	4.0	8	12	3	13	......	Ft. Smith Water Dept.
Fulton..............	Hempstead......	260	59	......	......	......	......	......	......	6.68	+3.49	1.86	26-27	T.	11	4	5	19	......	Ina J. Logan
Garland.............	Miller	235	2	......	......	......	......	......	......	5.28	......	1.66	26-27	0.0	10	7	0	21	......	L. D. Denney
Georgetown, 2 mi, se	White...........	200	32	......	......	......	......	......	......	7.10	+3.52	1.58	20	0.0	10	9	0	19	......	J. S. McDonald
Gilbert	Searcy	600	19	38.8	......	82	15	14	1	8.20	+5.52	2.80	20-21	3.0	8	9	0	19	n	D O. Dennis
Glenwood	Pike	547	9	......	......	......	......	......	......	9.21	......	3.05	26-27	0.0	12	7	2	19	......	C. A. Price
Grannis	Polk............	950	25	45.0	+ 0.1	78	15	23	6	8.86	+4.91	2.26	26-27	T.	16	7	8	13	e.	W. E. McVay
Gravette............	Benton..	1250	47	41.3	+ 2.4	73	15	14	8	6.06	+3.94	2.26	20-21	1.0	11	11	3	14	sw.	J. A. Schmidt
Green Mountain....†	Stone...........	1100	7	40.2	......	79	16	17	1†	8.10	......	2.60	20-21	3.0	10	7	4	17	se.	U. S. Forest Service
Harrison	Boone...........	1052	44	40.8	+ 1.5	80	15	18	7	10.21	+7.64	3.48	25-26	2.0	9	9	4	15	nw.	J. M. McGaughey
Heber Springs(near)	Cleburne	272	15	......	......	......	......	......	......	7.38	+5.06	2.48	20-21	2.0	9	7	8	13	......	Lester B. Logan
Helena..............	Phillips	300	72	45.8	+ 1.0	75	15	21	1	6.78	+2.30	1.66	27	T.	14	3	3	22	ne.	James A. Burnett
Hope 3 miles e..... ..	Hempstead......	375	74	46.6	− 0.7	78	15	21	1	6.54	+2.51	2.58	19-20	0.9	12	8	6	14	e.	Univ. of Arkansas
Hot Springs.........	Garland	600	52	46.2	− 0.5	76	15†	25	2†	7.70	+4.08	2.27	26-27	T	15	6	9	13	s.	National Park Service
Index ....***	Little River	275	27	......	......	......	......	......	......	6.65	+3.41	2.00	20-21	0.0	9	......	......	....	......	W. E. McDowell
Jessieville	Garland	750	18	......	......	......	......	......	......	8.86	+5.10	....	......	0.0	12	9	5	14	se.	U. S. Forest Service
Jonesboro	Craighead.......	345	49	42.8	+ 0.1	77	15	17	1	5.56	+1.89	1.37	20-21	T.	12	6	1	21	ne.	Benedictine Sisters
Lead Hill...........	Boone	650	38	40.4	+ 2.0	80	15	17	6†	10.78	+7.73	3.62	25-26	1.5	11	10	2	16	ne.	J. H. Crosswhite
Little Rock	Pulaski..........	257	65	43.5	− 1.4	79	15	25	2	7.41	+3.57	3.09	20-21	0.3	16	4	5	19	ne.	U.S. Weather Bureau
Lutherville,2 mi.e***	Johnson	775	46	43.0	+ 0.6	80	15	21	6	9.23	+5.90	3.35	16-17	3.0	11	15	2	11	e.	Mrs H G. Lenhardt
Madison............	St. Francis	209	14	......	......	......	......	......	......	7.21	+3.11	1.35	20-21	0.0	8	3	1	24	......	J W. Eppes
Magnolia, 2 mi. n. ..	Columbia	315	28	50.6	0.0	81	15	27	6†	5.20	+1.51	1.75	26-27	0.0	9	8	6	14	ne.	State Agr. School
Mammoth Spring ...	Fulton	600	40	40.4	+ 0.2	80	15	12	1	9.89	+7.27	3.11	20-21	4.0	8	9	9	10	ne.	Ray H. Hall
Marianna	Lee.............	235	33	44.6	− 0.8	76	15	22	1	7.04	+3.28	2.30	26-27	0.0	10	6	1	21	s.	Univ. of Arkansas
Marked Tree	Poinsett.........	229	40	40.9	− 1.7	74	15	18	2	6.61	+3.01	1.37	20-21	0.0	14	3	9	16	s.	Chas. Walton
Marshall............	Searcy	1050	.	......	......	......	......	......	......	8.65	+6.28	2.40	20-21	3.0	9	6	12	10	n.	H. W. Wright, Jr.
Mena...............	Polk............	1207	56	45.1	+ 0.9	78	15	23	6†	10.26	+6.99	3.95	20-21	T.	15	7	7	14	ne.	E. W. St. John
Monticello	Drew............	273	4	49.6	......	80	15	25	8	5.35	......	1.10	17†	0.0	14	4	6	18	e.	Airway Observer
Morrilton ....***	Conway	315	28	43.8	− 0.7	88	15	22	1	8.52	+5.54	3.73	20-21	0.5	11	4	5	19	e.	Mrs. Nova Berry
Mountainburg	Crawford........	712	7	......	......	......	......	......	......	8.44	......	3.11	20	4.5	13	9	3	16	n.	C A Lovell
Mountain Home .***	Baxter	800	32	39.6	− 1.8	80	15	18	8	8.10	+5.63	3.05	25-26	3.9	9	9	2	17	nw.	H. N. Halbert
Mountain Valley...	Garland	788	7	......	......	......	......	......	......	......	......	...	......	......	......	......	......	....	......	....
Mount Ida, 2 mi. e ..	Montgomery	702	45	44.8	+ 0.1	79	15	17	6	9.40	+5.56	2.34	27	T.	11	7	7	14	w.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin.........	433	6	......	......	......	......	......	......	6.80	......	2.64	20-21	T.	8	10	2	16	......	H. G. Arvin
Nashville...........	Howard	350	6	47.4	......	81	15	24	8	8.56	......	3.56	26-27	0.0	9	9	0	19	e.	Carter Day
Newport............	Jackson	231	61	43.2	+ 0.8	80	15	23	1	8.42	+4.94	1.77	20-21	0.0	15	6	2	20	ne.	Willis T. Moyer
Nimrod Dam........	Perry...........	475	3	41.8	......	80	15	20	6†	10.55	......	4.45	20-21	1.0	9	7	4	17	se.	U. S. Engineers
Oden, 2 mi w.......	Montgomery	800	17	44.4	......	79	15	20	6	11.34	+7.89	2.80	26-27	T	15	6	3	19	e.	U. S Forest Service
Okay	Howard.........	288	16	48.4	− 0.4	80	15	24	6	8.29	+4.61	2.67	26-27	0.0	11	7	8	13	ne.	Charles R. Jackson
Osceola.............	Mississippi	250	44	......	......	......	......	......	......	6.58	+3.25	1.31	20-21	T.	12	8	0	20	.....	G. M. Serey
Ozark	Franklin	396	49	44.3	+ 0.8	80	15	22	8	7.87	+5.15	3.36	20-21	3.1	11	10	3	15	e.	Orkney O. Milton
Paragould......	Greene	275	21	40.9	......	73	15	16	1	7.13	+3.49	2.04	20-21	0.8	9	7	7	14	ne.	J. E. Garrett
Parkin, 2mi. w......	Cross	222	14	......	......	......	......	......	......	7.48	+3.80	1.74	20-21	0.0	10	6	2	20	.....	Carroll King
Perryville....	Perry...........	325	5	......	......	......	......	......	......	7.61	+4.15	2.50	27	0.5	7	9	7	12	n.	Lillie Cranford
Pine Bluff.	Jefferson	215	57	47.9	+ 1.4	80	15	29	1†	5.28	+1.23	0.94	12	T.	14	7	5	16	nw	Mary T. Scheu
Pine Ridge	Montgomery ...	840	20	......	......	......	......	......	......	10.66	+7.11	4.00	20-21	0.0	12	1	7	20	nw.	J. R. Huddleston
Pocahontas.........	Randolph	300	51	42.7	+ 2.0	79	15	17	1	8.53	+5.29	2.93	20-21	0.0	9	4	5	19	n.	Benedictine Sisters
Portland	Ashley	122	38	51.4	+ 2.2	78	15	27	8	8.77	+4.64	2.20	26-27	T.	9	5	4	19	n.	Mrs. Pearl Newton
Prescott.............	Nevada	318	56	48.9	+ 1.1	79	15	26	6	6.03	+2.29	1.46	20-21	T.	14	8	6	14	n.	W. R. Hambright
Rogers	Benton..........	1300	54	39.9	+ 0.3	77	15	19	8	7.97	+5.97	3.38	20-21	2.4	13	5	8	15	nw.	Howard Fowler
Russellville	Pope	526	32	43.4	+ 2.0	84	16	22	6†	10.20	+7.00	3.94	21	1.5	12	4	10	14	e.	U. S. Forest Service
St. Charles	Arkansas........	175	11	47.2	......	78	15†	23	1	6.25	......	2.20	25-27	T.	15	6	4	18	e.	U. S. Bio. Survey
St. Francis	Clay............	290	17	......	......	......	......	......	......	6.46	+2.38	1.53	16	0.5	10	9	0	19	......	Wm. S. Buckley
Searcy	White	245	34	43.4	− 1.4	79	15	23	1	8.09	+4.75	2.43	20-21	0.0	11	7	3	18	ne.	Arthur D. Smith
Sheridan, 11mi.n ***	Grant.	237	4	45.2	......	79	15	25	6†	7.82	......	2.70	26-27	0.5	17	0	15	13	ne.	Ark. Forestry Com.
Siloam Springs......	Benton	1150	4	41.2	......	74	15	17	8	6.53	......	2.01	20-21	3.8	13	5	11	12	s.	John Brown Univ.
Story...............	Montgomery	650	20	......	......	......	......	......	......	9.65	+6.34	3.48	20-21	0.0	8	9	6	13	s.	S. C. Story
Stuttgart	Arkansas........	214	57	46.6	+ 1.6	78	15	26	1	6.36	+2.34	...	......	0.0	12	7	5	16	ne	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas........	198	9	44.8	......	77	15	24	1†	7.09	......	2.65	27	0.0	13	......	......	....	.....	University of Ark.

Climatological Data for February, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	46	43.8	0.0	79	15	24	6	10.22	+7.37	3.06	26-27	3.5	10	10	6	12	s.	New Subiaco Abbey
Texarkana	Miller	332	60	48.5	+ 0.1	79	15	29	8	6.61	+3.24	1.93	26-27	0.0	14	4	8	16	e.	U. S. Weather Bureau
Turnpike***	Pope	2240	20	38.8	......	75	15	16	18	9.42	+6.19	2.34	20-21	3.0	14	8	1	19	ne.	U.S Forest Service
Waldron	Scott	675	25	44.2	......	81	15	19	8	10.68	+7 35	3.79	20-21	2.0	7	4	10	14	ne.	William D Bivens
Warren	Bradley	206	50	50.3	+ 2.7	78	15	27	8	5.52	+1.25	1.62	27	T.	12	5	7	16	nw.	C. N Turner
Whitecliffs	Little River	290	38	....	......	.....	.....	.....	.....	8.40	+5.06	2.65	20	0.0	5	10	3	15	......	L. M. Snead
White Rock***	Franklin	2285	8	39.2	.....	74	15	19	3	10.01	......	2.95	20-21	4.2	12	9	6	13	se.	U. S. Forest Service
Wilson	Mississippi	237	19	42 6	− 0.9	76	15	15	1	6.02	+2.98	....	.....	0.0	7	5	2	21	sw.	D. O. Anderson
Wynne	Cross	167	36	43.0	− 1.3	78	15	21	1†	6.63	+2.99	1.82	26-27	0.0	10	10	6	12	......	Mrs. C. A. Ford
State Means				44.1	+ 0.4	88	15	12	1	7.86	+4.35	4.34	19-20	1.0	11	7	5	16	ne.	

Daily Precipitation for February, 1945

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Total
Abbott[2]	Arkansas			.02				.07			.06			.66				1.32			.30	3.32	T.				.48	2.81	.55	9.59
Alum Fork Reser.	Arkansas			.19	.02			.03			.06		.60	.06	T.		T.	.07		T.	2.20	2.08				.43	.47	2.40	.04	8.65
Aplin[2]	Arkansas		.03											.67				.27			.47	4.45	.03				.24	2.76	.09	9.01
Arkadelphia[2]	Ouachita		.03	.01	.02				.03			.07	.10	1.72	.02	T.		.44	.03		.79	1.75	.15				.37	1.80	1.39	8.72
Arkansas City[2]	Mississippi		T.	.06	T.	.11			.19				.02	1.69				.56	.43		.75	.06	.12				T.	1.67	.32	5.98
Augusta[2]	White		T.		.02			.03	.23		.02	.08		.89	T.			.68			.25	2.02	.37				.35	1.30	.84	7.08
Batesville Air'y[3]	White			.05				.12			.15		.50	.03			.86	.58			1.60	1.30				.20	1.36	.67		7.42
Batesville Livestk[2]	White		T.		T.	T.		T.			.23	T.		.57				2.88			T.	2.64	.08				.65		2.00	9.05
Batesville River[2]	White		T.		.02			T.	.05			.07		.53				1.32				2.18	.67				.36	1.28	.71	7.19
Beaty Lake	St. Francis			T.	.03			.67			.07		.87	.05			.08	.75		T.	1.55	1.46				.08	1.04	1.48	.06	8.19
Beaver[2]	White													.47				1.68	.02	.08	.12	2.25	T.				1.90	.84	.49	7.85
Bee Branch	Arkansas										.17		.32					1.00			.86	2.60				.10	1.61	1.30		7.96
Beech Grove	White																													.....
Beedeville[2]	White				.02				.40			.10		.76				.84			.04	2.12	.65				.29	1.20	.85	7.27
Benton[2]	Saline		.04	T.	.03				.18					1.20				.44			.45	2.45	.17				.47	1.42	1.22	8.07
Bentonville[2]	Arkansas		.03	T.	.02	T.					.08			.56				1.02		.26	.22	2.54					1.51	.78	.41	7.43
Bethesda[2]	White											.23		.57				2.60			T.	*	2.68				.75	*	2.00	8.83
Big Flat[2]	White													.48			T.	1.24			.06	2.04	.06				.98	2.38	.53	7.77
Big Lake Outlet[2]	St. Francis		.02	.01	.02	T.		.04	T.			.12		1.01		.03	T.	1.02	.03		.03	1.23	.41				.24	.89	.60	5.71
Black Rock[2]	White				.02	T.			.10			.14		.56				1.91				2.10	.67				.95	.51	.33	7.29
Bluff City	Ouachita																													.....
Blytheville[2]	St Francis							.01	.82					1.02		T.		.94			.03	1.13	.54				.29	.95	.58	6.31
Booneville 3 mi. w	Arkansas		.01					.05			.05		*	.65			T.	1.52		.03	*	3.30				.22	*	3.25	.28	9.36
Booneville[2]	Arkansas		.02		.02	.01	T.	.04	.01		.05		T.	.60				1.41	.02	.01	.30	1.68	.04				.28	2.30	.47	7.33
Boughton[2]	Ouachita			T.									.30	1.17				.18			.60	1.46					.26	1.75	.72	6.44
Brinkley[1]	White	T.	.04	T.	T.			.55			.10		.94	T.	.01		.24	.34		.16	1.43	.42				.05	.94	1.63		6.85
Burdette	Mississippi			.05	T.			1.02			.09		.88	.13				1.53			.24	1.67					.90	.67		7.18
Calico Rock[2]	White		T.		.01						T.			.40				1.40	T.		.03	3.20	.15			T.	.89	2.09	.41	8.58
Camden[2]	Ouachita		.04	.12	.03				.03			.09	.18	.88				.56	.21	.06	.82	.45	.34				.09	1.13	.64	5.67
Camp Chaffee[2]	Arkansas		.01	.02	.01	T					.11			.87		T		.45	T.	T.	.32	3.28	T.				.76	2.23	.28	8.29
Camp Robinson[1]	Arkansas	.10	T.	T.				.25			.04		.72	T.	.06		.12	.23		.35	1.77	1.28				.36	.80	1.14		7.22
Carlisle[2]	Arkansas																													.....
Clarendon[2]	White		.03	.01	.02				.39			.06		.84		.07		.62	.03		.32	1.42	.34					.93	1.47	6.55
Cold Springs[2]	Ouachita			.01							.05	T.		.55				1.18			.36	4.16				.30	1.70	2.25	.08	10.64
Conway	Arkansas		.08	.02							.08		.57	.11	.06			.33			1.59	2.63				.34	.65	2.63		9.09
Corning[2]	White	T.		T.				T.				.10		.45				1.60				1.40	1.73				1.20	.85	.40	7.73
Cotter[2]	White		T.		T.						T.			.52				1.72			T.	2.43					1.86	1.49	.47	8.49
Crossett	Ouachita		.09	.03	.30	T.		.05				T.	.98	.31			.26	1.10		.78	2.70	.29					.08	.78	T.	7.75
Crystal Valley[2]	Arkansas		.04		T.			.20			.01		.63	.06			.08	.22		.47	1.40	1.33				.36	.28	2.18		7.26
Cummins Farm	Arkansas							.20			.45		*	.95			T.	.65			.95	1.10					.25	1.65		6.20
Danville[2]	Arkansas		.10		.04							.06		.52				1.63			.28	3.90	.02				.51	3.09	.93	11.08
Dardanelle[2]	Arkansas		.04		.04			.02			.05			.47				1.70			.54	3.59	T.				.55	3.47	.93	11.40
Denmark[2]	White																													.....
De Queen	Red			.11									.75	.03						.52	1.03	1.37				.21	.90	2.45	.04	7.41
Dermott[2]	Mississippi			.03	.04	.16			.12					1.50				.83	.65		.84	.06	.15				T.	1.00	.22	5.60
Des Arc[2]	White		T.		.05				.28			.08		.63	T			.86			.20	1.63	.32				.31	.95	.82	6.13
Devils Knob	Arkansas		.10	.02	T.						.16		.37	.25			.01	.70		.10	1.27	2.87	T.			.53	2.27	1.40	.02	10.07
Dumas	Mississippi		T.	.06	.08			.23			.16		.79	.05			.11	1.09		.17	.60	.15				.02	.27	1.17	.01	4.96
Eagle Gap[2]	Arkansas			T.	T.						.07			.52				.88	T.		.22	4.11	T.				.55	3.85	.44	10.64
El Dorado[2]	Ouachita		.02	.07	.02								.28	1.38				.70	.41	.28	1.85	.23	.49			.02		1.52	.38	7.65
Eleven Point[2]	White				T.				.06			.08		.39				1.70	T.		T.	2.00	.44				1.85	1.92	.42	8.86
England	Arkansas		T.	.03	T.			.26			.11		.75	.10	.05	T.	.05	.55		T.	1.30	.85				T.	.45	2.55		7.05
Eureka Springs	White												.20	.38			1.05	.70		.40	.20	1.90				.20	3.00	.20	.08	8.31
Evening Shade[2]	White			T.							T.			.03				1.94			.05	2.40					1.25	2.54		8.21
Fayetteville	White	T.	.05	T.	.01	T		T.					.40	.16			1.50	.71		.15	.27	1.82	T.			.47	3.22	.37	.04	9.17
Fayetteville Exp. S	White		.05	T.	T.								.12	.40			.78	.72	T.	.80	.21	1.74	.01			.21	2.69	.92	.02	8.67
Fordyce	Arkansas		T.	T.				.08						1.05	T.		.05	.84		*	*	1.71				*	*	1.61	T.	5.34
Forester[2]	Arkansas										T.			.88							.94	3.92					.65	1.88	.03	8.30
Fort Smith[1]	Arkansas	T.	T.	.01						T.	.10		1.10				.32	.15		.26	2.54	1.00				.44	1.43	1.19	T.	8.54
Fort Smith W.[1]	Arkansas		T.								T.			1.05				.88	T.	*	.39	3.95	.06				1.32	1.85		9.50
Fulton[2]	Red		.05	.10	.03							T.	.34	.62				.08		T.	1.14	1.82					.41	1.86	.23	6.68
Garland[2]	Red		T.	.13									.22	.97				.12	.24	.16	.91	.61	T.			T.	T.	1.66	.26	5.28
Georgetown[2]	White								.18					.70				.90			.20	1.88	.73		.23		.30	1.08	.90	7.10
Gilbert[2]	White		T.								.05			.50				.75		T.	.10	2.80					1.55	1.78	.67	8.20
Glenwood[2]	Ouachita		T.	.11	.04							.22		.68			.22	.06		.06	.73	3.04	.11				.22	3.05	.67	9.21
Grannis	Red	T.	.02	.08	.02						.09		.67	.07	.01	T.	.02	.03		.46	2.16	1.54				.10	1.32	2.26	.01	8.86
Gravelly[2]	Arkansas				.04						T.			.61				.84			.44	4.30					.32	2.86	.05	9.46
Gravette	Arkansas		T.										*	.30			*	.98		.32	*	2.26				*	1.92	.23	.05	6.06
Green Forest	White	T.		T	T.						.02		.31	.40			.76	.89		.06	.37	3.10				.51	.71	.26		7.39
Green Mountain	White		T.	T.	.10						T.		.30	.10			T.	1.10		T.	.75	2.60				.20	1.80	1.00	.15	8.10
Greenwood[2]	Arkansas			.02	T.						.05			.88				.90			.38	3.48					1.25	2.31	.50	9.77
Harrisburg[2]	St. Francis								.40			.20		.75				1.00				.15	1.85				.15	.85	.90	6.25
Harrison	White			T.							T.		.08	.82			1.30	1.05		T.	.53	2.55				.05	3.48	.35		10.21
Heber Springs[2]	White											.08		.47				.73	T.		.05	2.48	.65				.63	1.95	.34	7.38
Helena[2]	Mississippi	T.	T.	.01	.02				.32			.16		.70	.08			1.18	.07		.23	1.14	.12				.01	1.08	1.66	6.78
Henderson[2]	White		.06		.13									.42				1.46			.68	2.00					2.00	1.49	.47	8.71
Hollis	Arkansas																													.....
Hope[2]	Red		.03	.09	.03							.03		1.00				.05	.06		1.07	1.51					.18	2.10	.39	6.54
Hot Springs	Ouachita	T.	.08	.02	.02			.07			.04		.84	.02	T.			.06		.14	1.20	2.15				.25	.52	2.27	.02	7.70
Huttig[2]	Ouachita		.04	.08	T	.14			.02				.09	1.05				1.10	.44	.15	3.09	.20						1.02	.12	7.54
Index[2]	Red				T.								.45	.45				.05	T.	.05	.95	2.00	T.				.05	2.00	.65	6.65

Daily Precipitation for February, 1945 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
Jessieville	Ouachita	....	*	.30	....	....	....	....	....	....	.05	....	.43	....	....	....	....	.12	....	*	.60	1.50	2.35	....	....	.45	*	3.06	T.				8.86
Jonesboro[2]	White	....	....	....	.02	....	....	.05	.35	....	....	.15	....	.70	....	....	....	.57	T.	....	.02	1.37	.69	....	....	....	.25	.83	.56				5.56
LaCrosse[2]	White	....	....	....	.05	....	....	....	....	....	.04	....	....	.37	....	....	....	1.72	....	....	.08	2.98	....	....	....	....	.87	1.62	....				7.73
Lake City[2]	St. Francis	....	T.	....	.14	....	....	.15	....	....	....	.12	....	15	....	....	.22	....	....	....	.24	....	.84	....	....	....	.55	.48	....				2.89
Lead Hill	White	T.	T	T.	T.	....	....	....	....	....	....	....	.23	.94	....	....	.92	1.46	....	.02	.54	2.47	....	....	....	.32	3.62	23	03				10.78
Little Rock[1]	Arkansas	.05	T.	.01	.02	....	....	.23	....	....	.05	....	.66	.01	.01	....	42	.20	....	.33	1.85	1.27	....	....	....	.26	.92	1.12	....				7.41
Lutherville	Arkansas	....	.10	.03	....	....	....	....	....	....	.20	....	.50	.10	....	....	.05	3.35	....	....	.10	2.25	....	....	....	....	2.20	.35	....				9.23
Madison[2]	St. Francis	....	....	....	....	....	....	....	.80	....	....	....	....	.45	T.	....	....	.92	....	....	.22	1.35	.45	....	....	....	T.	1.32	1.20				7.21
Magnolia	Red	....	.06	.05	....	....	....	....	....	....	....	....	1.16	....	....	....	....	.55	T.	.53	.52	.53	....	....	....	.05	..	1.75	....				5.20
Mammoth Spg[2]	White	....	T.	....	....	....	....	....	....	....	....	....	....	.42	....	....	....	1.53	....	.02	....	3.04	.07	....	....	....	2.47	2 04	.30				9.89
Marianna[2]	St. Francis	....	....	T.	....	....	....	....	.48	....	....	.12	....	.63	....	....	....	63	....	.35	....	2.08	.40	....	....	....	.05	*	2.39				7.04
Marked Tree[2]	St. Francis	....	....	T.	.02	.01	....	....	.68	....	....	.07	....	.93	.03	....	....	.76	.03	....	.12	1.37	.73	....	....	....	.17	.99	.70				6.61
Marshall	White	....	....	....	....	....	....	....	....	.04	.01	....	....	.60	....	1.30	....	....	....	....	1.00	2.40	....	....	....	....	.60	2.20	.50				8 65
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				.....
Mena[2]	Ouachita	....	.01	.05	.09	....	T.	....	....	....	.03	.03	T.	.65	T.	....	T.	.48	.01	T	.59	3.94	.01	....	....	.01	.49	3.44	.43				10.26
Monticello[1]	Ouachita	.03	.04	.01	....	....	....	.12	....	....	.01	....	.82	.21	....	....	.25	1.10	....	.52	.53	.12	....	....	....	....	.49	1.10	....				5.35
Morobay[2]	Ouachita	....	.03	.05	T.	....	....	....	T.	....	....	....	.12	1.18	....	....	....	.64	.78	.04	1.62	.20	.51	....	....	....	....	1.27	.26				6.70
Morrilton[2]	Arkansas	....	.01	....	.03	....	....	T.	T.	....	T.	....	....	.45	.03	....	....	.27	....	....	.35	3.70	.03	....	....	....	.30	2.40	.95				8.52
Mountainburg	Arkansas	T.	.03	.01	T.	....	....	....	....	....	....	....	.59	.45	....	....	.14	.68	....	.05	1.02	3.11	....	....	....	.09	2.19	1.07	.01				8.44
Mountain Home	White	....	T.	....	....	....	....	....	....	....	....	....	20	.20	....	....	.20	1.20	....	T.	.60	2.05	....	....	....	.10	3.05	.50	...				8.10
Mountain Valley	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				.....
Mountain View[2]	White	....	....	....	....	....	....	....	.06	....	T	T.	....	.43	....	....	....	2.73	....	....	.05	3.23	....	....	....	....	*	*	3.52				10.02
Mount Ida	Ouachita	T.	....	.10	....	....	....	....	....	....	....	....	.60	.22	....	....	.05	.11	....	.23	2.09	2.01	....	....	....	.15	1.50	2.34	...				9.40
Mulberry[2]	Arkansas	....	T.	T.	....	....	....	....	....	....	.14	....	....	.62	....	....	....	.52	....	....	.25	2.64	....	....	....	....	.89	1.25	.49				6.80
Nashville	Red	....	.03	T.	....	....	....	T	....	....	T	....	.83	....	....	....	T.	.06	....	.14	1.27	2.50	....	....	....	.17	.80	2.76	..				8.56
Newhope[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				.....
Newport[2]	White	....	....	.02	.10	....	....	.01	.30	....	.04	.25	....	.75	....	.02	....	.50	....	....	.11	1.77	1.56	....	....	....	.17	1.50	1.32				8.42
Nimrod Dam	Arkansas	....	11	....	....	.05	....	....	....	....	....	T.	....	.69	....	T.	T.	.31	....	....	.40	4.45	....	....	....	....	.15	3.00	1.48				10.55
Odell[2]	Arkansas	....	.06	....	....	....	....	....	....	....	.05	....	....	.79	....	....	....	2.63	....	....	.18	2.30	....	....	....	....	2.13	1.10	.13				9.37
Oden	Ouachita	T.	....	.24	.05	....	....	....	....	....	.01	....	*	.75	....	.01	.10	.41	....	.15	2.67	2.20	....	....	....	.15	1.65	2.80	.15				11.34
Okay	Red	T.	T.	.10	....	....	....	....	....	....	....	....	1.06	.03	....	....	....	.15	....	.26	1.03	2.40	....	....	....	.15	.40	2.67	.04				8.29
Osceola[2]	Mississippi	....	T.	....	.04	.01	....	T.	.84	T.	....	.13	....	....	.84	T.	T.	1.20	....	....	.04	1.31	.38	....	....	....	.23	.83	.73				6.58
Ozark[2]	Arkansas	....	.06	....	.02	....	....	....	....	....	.16	....	....	63	....	....	....	.92	....	....	.22	3.36	.03	....	....	....	.79	1.53	.15				7.87
Paragould	St. Francis	....	T.	.01	....	....	....	.53	....	....	....	....	.51	.42	....	....	....	1.78	....	T.	.41	2 04	....	....	....	....	.47	96	..				7.13
Parkin[2]	St. Francis	....	....	....	....	....	....	....	.54	....	....	.10	....	1.02	....	....	....	1.15	T.	....	.15	1 74	.64	....	....	....	.13	.82	1.19				7.48
Perryville	Arkansas	....	....	.06	....	....	.50	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2 00	1.50	....	....	....	.15	.90	2 50				7.61
Pine Bluff[2]	Arkansas	....	.02	T.	.01	....	....	....	.36	....	....	.05	....	.94	.23	T.	....	.38	.01	T.	.39	.81	.32	....	....	....	.03	.93	.80				5.28
Pine Ridge[2]	Ouachita	....	....	.06	.04	....	....	....	....	....	.06	.01	....	.61	....	.02	....	.31	....	....	.78	4.00	....	....	....	....	.41	3 75	.61				10.66
Pocahontas	White	....	....	....	....	....	....	.11	....	....	.13	....	.19	....	....	....	....	2.10	....	....	.37	2.93	....	....	....	.05	1.83	.82	T.				8.53
Portland[2]	Ouachita	....	T.	....	.05	.40	....	....	....	....	....	....	....	1.62	....	....	....	1.30	.80	....	2.00	.40	....	....	....	....	....	2.00	.20				8.77
Prescott[2]	Ouachita	....	.02	.06	.01	....	....	....	.01	....	....	T	.15	1.26	....	T	....	.11	.02	....	.77	1.35	.11	....	....	....	.21	1.32	.63				6.03
Ratcliff[2]	Arkansas	....	.05	.03	T.	....	....	....	....	....	.19	.04	....	.58	.11	....	....	2.50	....	....	.06	3.18	....	....	....	....	.75	2.59	.53				10 61
Red Star	White	....	.08	....	....	....	....	....	....	.25	....	....	*	.62	....	....	.05	.95	....	*	*	3.50	....	....	....	.25	2.57	.94	....				9.21
Rogers	White	....	.06	....	.02	....	....	....	....	....	....	....	.05	.57	....	....	.43	.71	....	.29	.22	3.16	....	....	....	.52	1.63	.25	.06				7.97
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				.....
Russellville	Arkansas	....	.02	.02	.04	....	....	T	....	....	.16	....	.32	.08	....	....	....	1.12	....	....	1.63	2.31	....	....	....	.05	2.05	2.40	....				10.20
St Charles	White	....	.01	.04	T.	....	....	.26	....	....	.05	....	.74	.03	.13	....	.02	.86	....	.02	.70	.83	....	....	....	T.	.33	2.20	.03				6.25
St. Francis[2]	St. Francis	....	.04	....	....	....	....	....	.27	....	....	.05	....	.47	....	....	....	1.53	....	....	....	1.43	.93	....	....	....	.47	1.15	12				6.46
Searcy[2]	White	....	T.	....	.04	....	....	....	.27	....	.01	....	....	.83	....	....	....	.30	....	....	.22	2.43	1.17	....	....	....	.42	1.22	1.18				8 09
Sheridan	Ouachita	....	.07	.03	.04	....	....	.20	....	....	.12	....	.90	.03	.11	....	.08	.57	....	.06	.97	1.40	....	....	....	.09	.40	2.70	.05				7.82
Shirley[2]	White	....	T	....	.07	....	....	.05	....	....	.17	....	....	45	....	....	....	1.80	....	....	....	3.10	....	....	....	....	1.20	1.95	.40				9.19
Siloam Springs	White	.01	.05	T.	T.	....	....	....	....	....	....	....	.13	.18	....	....	.56	.44	....	.31	.75	2.01	....	....	....	.30	1.46	.31	.02				6.53
Sparkman	Ouachita	....	....	.05	....	....	....	.07	....	....	02	....	.96	.03	.18	....	....	.17	....	*	*	1.91	....	....	....	.10	.27	1.68	...				5.44
Stamps	Red	.01	.06	.12	.03	....	....	T.	....	....	T.	....	1.16	.02	T.	....	T.	.43	...	.56	.45	.47	....	....	....	.06	.09	1.90	.02				5.38
Stephens[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				.....
Steve[2]	Arkansas	T.	....	....	....	....	....	....	....	....	....	....	.81	....	....	....	....	....	....	....	.50	4 25	....	....	....	....	....	1.36	2.00				8.92
Story[2]	Ouachita	....	....	.06	....	....	....	....	....	....	....	....	....	.79	....	....	....	.27	....	....	.90	3.48	....	....	....	....	2.10	*	2.05				9.65
Stuttgart[2]	Arkansas	....	....	....	.06	T.	....	....	.48	....	....	.28	....	.88	....	.30	....	.45	T	....	*	*	2.09	.36	....	....	....	*	1.46				6.36
Stuttgart Evap.	Arkansas	....	T	T.	T	....	....	.42	....	....	.15	....	.88	.04	.24	.01	.08	.91	....	.02	.90	.76	....	....	....	....	.03	2.65	T.				7.09
Subiaco	Arkansas	....	T	T.	....	....	....	.08	....	....	.19	....	....	.66	....	....	....	2.06	....	T.	.18	2.74	.05	....	....	....	.48	3.06	.72				10.22
Sugar Grove[2]	Arkansas	....	.04	....	....	....	....	....	....	....	.12	....	....	.40	....	....	....	2.00	....	....	.47	3.47	....	....	....	....	.33	3.73	....				10.56
Texarkana[3]	Red	.01	.06	.03	T.	....	....	T.	....	....	.02	....	1.00	T.	T.	....	.02	.57	....	1.17	.26	1.18	....	....	....	.32	1.17	.79	.01				6.61
Tichnor[2]	White	....	T.	T	T.	....	....	.39	....	....	....	.16	....	.61	.43	....	....	....	....	...	1.29	.68	....	....	....	T.	....	1.41	.46				5.43
Turnpike	Arkansas	....	.08	.05	.02	....	....	....	....	....	.18	....	.33	.18	....	....	.05	1.54	....	.04	1.12	2.34	....	....	....	.41	2.14	.94	T.				9.42
Viola[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	.40	....	....	....	1.39	....	....	....	3 00	....	....	....	....	2.05	*	2.05				8.89
Waldron[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	1.46	....	....	.23	3.79	....	....	....	....	.45	2.95	1.30				10.68
Walnut Grove	White	....	....	T.	....	....	....	.24	....	....	T.	....	.50	T.	....	....	....	....	2.00	....	.56	2.80	....	....	....	.17	.72	1.32	.03				8.34
Warren	Ouachita	T.	....	.06	.01	T.	....	.05	....	....	T	T.	1.11	.10	....	T.	.03	.85	T.	.28	.72	.44	....	....	....	T.	.25	1.62	T.				5.52
Whitecliffs[2]	Red	....	T.	T.	....	....	....	....	....	....	T.	....	....	....	....	....	....	T	....	T.	1.60	2.65	....	....	....	....	.20	3.00	.95				8.40
White Rock	Arkansas	T.	.06	.04	....	....	....	....	....	....	.13	....	47	.45	T.	....	.15	90	....	T	.81	2.95	....	....	....	.20	2.74	1.11	T.				10.01
Wilson[2]	Mississippi	....	....	....	....	....	....	....	.99	....	....	....	....	....	....	....	....	1.65	....	....	....	....	1.68	....	....	....	*	*	1.70				6.02
Wynne[2]	St. Francis	....	....	....	.04	....	....	.52	....	....	.01	.02	*	1.04	....	....	....	....	....	....	1 60	1 50	....	....	....	T.	.08	1.82	....				6.63

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for February, 1945

(See precipitation data in table on preceding page)

Station	Date	Day of month																													Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				.....
	Mean tem.	22	28	34	42	36	36	40	38	46	48	42	34	43	50	58	43	36	29	32	41	50	46	46	48	51	34	26	34				39.9
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				
Hope. Exp. Farm	Evap.	.020	.020	.003	.003	.139	*	059	.102	.088	.146	.030	.048	.100	.020	.046	.104	.109	.051	.088	.072	....	.114	.144	106	.105	.141	.126	.046				2,030
	Mean tem.	28	34	42	52	40	42	38	46	54	56	48	44	47	56	64	62	40	40	37	50	48	46	50	50	52	61	35	40				46.6
	Wind move	40	40	40	20	75	30	35	72	38	60	50	40	50	28	42	62	93	93	62	52	58	140	80	20	30	40	110	50				1550
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				.....
	Mean tem.	31	30	33	46	34	35	32	44	47	53	45	50	50	58	62	51	38	38	32	43	48	44	42	46	50	42	31	32				41.8
	Wind move	1	6	3	1	32	9	43	110	8	51	6	10	8	37	4	56	16	5	4	14	9	159	99	20	21	69	7	13				821
Russellville	Evap.	.050	*	.004	.006	.046	.026	.028	.032	.074	.044	.114	.008	.032	.090	.066	.080	.140	.078	.058	....	....	.146	.072	.100	.072	.025	....	....				1,391
	Mean tem.	30	30	36	48	41	36	40	40	50	57	44	38	50	52	64	64	40	37	36	40	48	44	46	48	54	36	33	34				43.4
	Wind move	30	46	27	31	28	17	57	25	17	21	15	16	25	25	36	52	40	48	32	15	48	110	23	19	24	31	26	20				904
Stuttgart. Rice Exp.Farm	Evap.	.049	....	....	.003	.054	.041	.025	.025	.073	.041	.051	.127	....	.020	.042	.080	.025	.100	.016	.084	.025	.151	170	.022	045	.010	....	....				1,279
	Mean Tem	31	32	37	51	42	40	42	38	51	54	45	44	46	50	62	59	41	36	35	44	55	47	46	50	54	53	34	35				44.8
	Wind move	81	47	79	86	18	87	108	83	101	20	31	52	61	62	146	74	101	140	29	38	177	199	12	88	49	109	119	78				2275

Daily Temperatures for February, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				Mean
Alum Fork	Maximum	40	32	38	54	54	54	48	59	60	69	62	59	64	63	77	75	45	46	45	42	62	58	64	63	62	65	36	37				54.8
	Minimum	24	22	29	36	28	20	34	28	33	33	34	30	38	39	45	43	32	24	29	32	39	32	26	29	36	33	26	28				31.5
Arkadelphia	Maximum	40	37	46	67	45	58	52	62	73	56	62	47	62	68	80	58	43	50	40	61	50	57	68	68	57	38	36	45				54.5
	Minimum	19	28	29	35	37	23	22	25	24	50	33	33	39	43	47	56	38	31	30	35	39	34	30	30	38	43	34	32				34.2
Batesville Air	Maximum	28	37	35	54	37	47	45	53	70	55	58	43	55	56	78	56	36	42	39	46	68	50	63	60	59	58	32	44				50.1
	Minimum	20	24	32	33	32	30	33	25	39	31	26	28	40	37	47	34	29	23	27	35	41	34	32	32	39	27	26	31				31.7
Batesville, Livestk	Maximum	27	36	46	53	35	46	47	53	70	55	58	50	57	61	79	46	35	42	37	54	66	51	62	61	65	36	32	43				50.1
	Minimum	22	21	29	31	33	29	37	29	24	49	25	27	30	38	42	42	31	20	26	27	35	37	29	32	35	34	20	26				30.7
Bee Branch	Maximum	31	37	36	55	48	48	45	52	67	55	60	55	63	60	79	48	45	47	40	40	59	55	62	61	55	60	34	40				51.3
	Minimum	20	22	32	34	29	22	36	19	28	42	22	30	39	49	47	43	32	23	29	34	40	35	23	29	36	31	27	29				31.5
Benton	Maximum	34	36	40	59	38	52	44	58	70	54	60	45	65	59	79	54	48	47	39	62	61	60	64	65	66	68	43	40				53.6
	Minimum	20	25	26	32	32	19	19	21	20	38	27	31	39	42	40	53	35	22	21	32	37	28	19	25	28	39	30	30				29.6
Bentonville	Maximum	35	40	53	46	37	52	35	59	70	54	56	47	60	69	75	42	34	44	38	45	46	51	61	60	59	29	30	42				48.9
	Minimum	27	25	30	40	29	26	30	19	20	39	24	26	34	36	37	40	27	22	22	29	35	28	29	28	34	23	23	23				28.8
Bethesda	Maximum	26	36	46	54	42	46	42	53	69	55	58	42	56	62	75	44	42	38	37	55	65	55	62	61	65	36	32	43				49.9
	Minimum	19	20	23	31	30	27	37	24	24	42	25	27	30	38	42	42	31	20	26	27	34	36	30	35	37	33	20	26				29.9
Bluff City	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		.	..				....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
Blytheville	Maximum	30	..	47	52	39	45	43	46	67	51	56	47	54	61	75	63	60	42	43	50	66	52	60	63	63	63	46	43				52.9
	Minimum	16	..	30	36	33	30	33	29	34	33	27	31	41	37	50	43	30	25	29	39	39	37	33	37	40	35	27	31				33.5
Booneville	Maximum	44	32	39	55	51	55	51	62	72	67	62	60	58	67	83	78	45	47	45	42	50	53	66	65	62	68	35	38				55.4
	Minimum	29	26	31	36	28	27	36	21	34	47	23	38	41	38	45	43	35	30	32	34	41	29	25	34	44	32	28	27				33.4
Brinkley	Maximum	31	39	43	61	41	50	46	49	67	53	57	47	56	55	76	64	39	46	44	52	65	53	63	63	66	69	35	42				52.6
	Minimum	22	26	35	41	34	29	34	28	39	33	31	35	43	41	55	39	31	27	32	39	46	36	32	36	46	35	30	31				35.2
Camden	Maximum	34	48	47	72	51	68	54	42	70	70	59	50	78	76	80	80	79	46	49	51	65	52	67	67	69	73	51	50				60.6
	Minimum	20	30	35	45	38	34	41	27	37	35	36	40	42	43	59	59	36	32	36	38	47	35	34	35	44	43	32	34				38.1
Camp Robinson	Maximum	32	37	42	56	44	50	49	55	71	58	59	45	60	58	79	68	42	46	41	48	63	52	64	63	60	68	66	40				54.1
	Minimum	25	25	34	39	33	25	34	25	39	37	35	37	41	43	41	..	..	..	32	31	44	36	31	34	41	34	27	33				34.2
Conway	Maximum	38	38	38	59	51	53	47	58	72	69	64	60	63	58	83	56	46	48	43	43	63	55	68	66	59	66	37	40				55.0
	Minimum	26	25	34	37	30	23	39	24	34	48	29	39	41	42	45	45	35	26	32	36	43	36	29	32	42	35	30	32				34.6
Corning	Maximum	32	36	35	55	47	45	44	50	70	65	67	60	60	62	79	75	43	41	41	42	70	63	63	64	67	62	54	45				54.9
	Minimum	15	21	27	30	33	29	32	27	33	25	34	27	40	36	45	40	30	22	26	34	40	35	34	31	41	32	31	30				31.5
Crossett	Maximum	45	40	49	68	62	56	55	59	75	70	57	63	64	78	80	81	63	42	42	57	71	68	66	68	73	78	53	47				61.8
	Minimum	25	30	37	48	39	26	34	23	35	49	45	48	41	42	61	57	37	34	36	41	57	38	28	33	39	52	37	35				39.5
Cummins Farm	Maximum	36	40	44	71	58	52	49	55	69	60	58	54	59	64	79	75	52	46	45	53	70	54	64	64	69	73	41	42				57.0
	Minimum	25	26	34	42	35	30	37	24	34	42	34	41	42	43	52	48	34	29	35	39	49	34	32	38	42	40	31	31				36.5
Dardanelle	Maximum	43	36	38	58	57	49	50	56	72	71	62	61	60	64	83	81	47	47	47	43	58	54	64	64	62	66	37	38				56.0
	Minimum	28	25	33	36	30	24	37	24	29	49	27	33	41	44	47	45	36	28	33	36	41	35	29	32	42	35	29	30				34.2
De Queen	Maximum	34	37	42	63	56	59	55	60	71	65	62	58	55	67	80	67	55	54	44	46	55	55	63	64	65	67	40	50				56.8
	Minimum	32	29	29	41	31	25	41	24	31	51	30	40	41	45	48	54	40	34	35	36	44	31	25	33	45	37	35	31				36.4
Des Arc	Maximum	38	38	39	60	53	46	50	51	69	63	58	57	58	56	78	78	48	45	44	43	65	64	63	64	60	65	38	42				54.8
	Minimum	21	24	32	37	34	28	37	26	36	45	29	32	40	39	46	45	33	25	30	36	40	36	30	35	42	35	28	29				33.9
Devils Knob	Maximum	32	28	32	47	35	40	40	52	63	57	57	47	59	55	72	67	37	40	40	41	49	45	55	56	57	35	28	30				46.3
	Miuimum	21	18	26	32	23	22	26	21	42	34	34	36	34	42	47	36	25	19	28	31	35	26	33	41	35	24	19	23				29.8
Dumas	Maximum	39	44	45	76	55	56	50	55	74	60	64	57	56	67	79	71	55	48	48	56	64	60	66	67	71	78	47	44				59.0
	Minimum	27	27	36	44	37	32	36	26	37	34	35	42	44	43	54	52	36	31	38	40	53	36	35	38	44	41	33	40				38.2
El Dorado	Maximum	45	40	61	65	45	57	53	55	58	71	65	65	67	71	81	75	60	50	49	56	67	59	66	65	76	75	50	51				60.6
	Minimum	27	32	35	39	39	27	22	28	46	52	51	45	49	51	62	59	40	36	34	41	48	35	34	43	45	50	34	35				40.7
England	Maximum	38	38	40	56	52	52	49	54	72	70	68	62	58	56	80	78	50	48	48	46	65	62	64	66	67	70	40	40				56.8
	Minimum	25	24	33	33	33	26	38	25	36	49	30	34	45	41	46	45	33	26	30	35	43	35	32	34	45	35	31	30				34.7
Eureka Springs	Maximum	33	39	39	54	39	53	47	57	70	65	60	60	59	67	76	64	34	40	40	40	48	48	58	60	62	53	27	38				51.1
	Minimum	22	24	32	34	27	24	29	20	46	38	29	34	36	43	52	34	26	19	26	32	37	27	32	39	44	21	19	25				31.1
Fayetteville	Maximum	40	40	43	53	40	50	48	59	70	62	62	55	62	69	76	64	37	46	40	45	50	49	60	61	60	55	29	36				52.2
	Minimum	29	25	32	33	28	25	29	19	46	39	21	31	37	42	54	35	28	24	31	37	37	28	32	30	47	23	21	25				31.7
Fayetteville Exp. S	Maximum	39	39	42	53	40	52	50	58	69	66	62	50	61	65	76	73	38	45	42	44	50	49	60	59	60	54	28	41				52.3
	Minimum	27	24	31	35	26	21	27	17	42	37	21	30	35	39	52	34	26	23	29	35	35	26	29	31	44	21	19	23				30.0
Fordyce	Maximum	43	37	45	67	55	60	54	59	71	65	61	57	61	72	78	75	52	52	48	48	67	58	68	66	69	73	45	44				58.9
	Minimum	29	29	36	44	24	26	39	27	41	50	36	40	43	46	46	52	36	34	31	38	46	43	32	44	47	40	32	33				38.0
Fort Smith	Maximum	36	34	39	50	48	54	44	55	72	59	62	46	60	65	78	56	42	48	39	48	50	52	62	64	59	47	34	37				51.4
	Minimum	28	28	34	38	32	29	32	26	39	42	32	40	40	46	48	42	37	32	34	37	38	33	36	41	47	32	29	28				35.7
Gilbert	Maximum	35	40	55	54	35	50	42	58	73	57	65	44	59	65	82	48	35	48	40	45	62	53	64	62	65	42	30	46				51.9
	Minimum	14	23	26	32	29	15	15	18	19	35	18	18	24	35	36	45	32	20	20	29	34	35	23	23	25	31	23	24				25.8
Grannis	Maximum	44	35	41	59	51	57	51	61	69	64	63	54	60	61	78	70	50	50	45	46	55	53	65	64	57	64	39	48				55.5
	Minimum	27	26	30	38	31	23	35	25	35	47	32	38	39	41	48	48	36	30	33	34	41	29	30	34	43	33	31	28				34.5
Gravette	Maximum	36	39	43	51	39	52	49	59	68	67	61	59	64	69	73	62	38	46	41	42	46	50	60	62	60	55	29	40				52.1
	Minimum	26	26	33	34	27	23	28	14	43	37	22	34	37	39	51	35	26	23	31	36	36	27	25	36	42	20	19	24				30.5
Green Mountain	Maximum	30	36	32	45	36	50	44	45	69	64	59	55	55	60	65	79	41	39	40	40	49	50	60	59	58	35	30	46				49.0
	Minimum	17	17	22	30	22	24	36	20	39	40	39	35	36	39	45	59	27	17	23	30	37	32	34	41	45	25	21	26				31.4
Harrison	Maximum	32	39	35	52	38	51	46	56	74	66	63	48	61	65	80	73	35	44	40	38	60	49	61	61	62	56	29	43				52.0
	Minimum	20	23	31	33	28	19	18	21	40	38	21	27	37	38	49	34	28	20	27	32	37	31	30	37	40	23	23	27				29.7
Helena	Maximum	36	43	41	68	44	48	45	48	68	62	58	57	50	56	75	70	51	48	47	52	67	60	62	65	63	71	39	40				54.8
	Minimum	21	27	34	39	34	31	37	27	36	44	34	40	42	41	52	47	34	27	33	41	49	37	33	41	48	38	31	31				36.8
Hope	Maximum	36	38	53	66	45	60	52	63	72	59	61	48	53	70	78	64	40	49	40	63	57	55	66	66	68	70	37	49				56.4
	Minimum	21	30	30	37	36	24	25	28	35	53	36	41	41	43	49	61	39	32	34	36	40	37	33	33	37	52	33	32				36.7
Hot Springs	Maximum	48	35	40	58	58	53	46	58	66	68	62	58	63	62	76	76	51	54	46	45	57	55	66	68	71	65	43	36				56.6
	Minimum	27	25	31	38	30	25	37	28	45	49	35	39	42	45	51	45	34	26	31	34	41	33	37	40	40	36	30	30				35.9
Jonesboro	Maximum	31	37	34	52	46	46	43	48	68	64	59	54	54	60	77	74	42	40	40	45	67	62	61	62	60	64	37	42				52.5
	Minimum	17	24	31	32	33	31	35	26	33	42	29	34	40	36	47	41	32	24	27	36	42	38	35	33	40	36	26	29				33.2
Lead Hill	Maximum	31	37	37	47	38	50	46	56	75	72	62	55	57	63	80	67	37	44	40	39	59	50	61	61	62	53	30	40				51.8
	Minimum	27	23	31	32	30	17	32	17	25	41	17	24	38	31	50	35	29	20	28	32	38	32	26	26	37	26	20	29				29.0
Little Rock	Maximum	31	36	40	56	39	51	47	54	72	56	56	45	58	53	79	65	38	45	40	48	63	51	64	61	67	67	34	38				51.9
	Minimum	26	25	33	39	33	28	33	26	36	40	37	39	42	44	45	38	33	27	32	37	42	36	34	37	45	34	30	32				35.1
Lutherville	Maximum	37	33	35	56	45	46	44	56	69	65	59	56	60	62	80	74	58	47	41	42	52	50	61	61	56	63	49	37				53.4
	Minimum	25	23	31	34	27	21	34	22	32	46	30	34	36	42	48	40	32	23	32	34	42	32	29	31	43	31	27	28				32.5
Magnolia	Maximum	47	39	49	70	68	60	64	64	72	64	56	55	63	80	81	76	42	45	44	54	67	54	65	66	70	74	48	52				60.3
	Minimum	31	31	38	48	38	27	43	27	42	52	42	44	45	51	62	52	38	33	36	39	52	36	32	44	50	47	33	36				41.6
Mammoth Spring	Maximum	32	36	32	38	43	47	52	55	71	67	58	53	60	63	80	74	42	44	46	49	65	50	61	61	60	33	37	45				51.9
	Minimum	12	18	28	30	33	32	29	21	28	28	20	25	31	30	32	43	31	21	25	41	38	36	29	27	38	29	27	24				28.8
Marianna	Maximum	33	41	40	65	40	48	44	50	68	45	58	47	49	60	76	50	36	45	45	64	65	61	62	64	63	70	30	40				52.1
	Minimum	22	27	30	35	37	31	33	29	35	43	30	34	40	43	58	46	35	27	32	40	58	39	30	37	42	62	30	32				37.0
Marked Tree	Maximum	30	38	49	55	37	45	44	49	63	57	56	45	50	58	74	47	36	42	43	59	65	53	61	62	63	63	33	45				50.8
	Minimum	19	18	25	32	36	31	31	26	25	36	28	29	32	37	36	44	35	25	25	25	39	39	32	32	33	43	27	27				31.0
Marshall	Maximum	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.				....
Mena	Maximum	43	36	40	55	53	59	54	63	70	61	65	57	61	71	78	72	48	50	46	41	55	51	67	68	62	64	35	39				55.9
	Minimum	28	26	29	38	31	23	33	23	39	48	31	38	41	41	49	46	35	29	32	32	40	30	30	33	43	35	31	27				34.3
Monticello	Maximum	38	40	55	75	45	55	48	57	70	70	60	53	60	70	80	65	48	47	46	61	68	60	65	65	73	78	40	45				58.5
	Minimum	29	30	36	46	39	30	41	25	40	40	40	48	46	44	61	52	38	32	38	42	54	35	31	42	50	64	34	33				40.7
Morrilton	Maximum	34	39	41	61	43	57	49	59	77	53	62	48	64	65	88	62	44	48	44	59	74	52	65	64	73	62	44	45				56.3
	Minimum	22	24	26	32	30	23	26	24	25	28	27	27	35	41	44	49	35	26	29	32	37	35	32	32	41	41	26	28				31.3
Mountain Home	Maximum	26	36	37	48	40	48	45	52	75	63	60	45	52	61	80	55	36	42	44	40	59	52	61	62	58	58	32	38				50.2
	Minimum	20	21	30	32	30	19	31	18	31	37	21	28	36	37	50	30	30	19	25	32	39	34	27	30	27	28	23	29				29.1
Mt. Ida	Maximum	38	38	49	58	54	54	51	65	70	65	60	54	52	60	79	72	48	49	47	48	61	52	67	65	56	58	37	38				55.2
	Minimum	30	27	36	44	31	17	38	18	27	51	28	42	41	47	52	47	36	29	34	37	45	34	21	24	32	34	31	30				34.4
Nashville	Maximum	48	38	43	66	53	59	53	63	72	68	61	55	53	68	81	80	55	49	48	45	58	55	64	65	65	67	43	50				58.0
	Minimum	31	29	34	41	37	25	38	24	32	48	33	41	42	46	47	52	39	33	35	35	44	31	28	34	43	38	34	34				36.7
Newport	Maximum	29	39	36	55	37	49	44	54	70	56	60	50	57	60	80	49	37	44	41	43	66	53	64	63	61	51	32	46				50.9
	Minimum	23	27	32	35	35	31	42	28	35	46	28	30	41	39	43	48	35	25	30	37	42	39	34	35	40	50	29	32				35.4

Daily Temperatures for February, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				Mean
Nimrod Dam /	Maximum	34	34	40	58	38	50	43	63	70	57	63	44	64	65	80	52	39	49	39	52	58	51	65	55	68	42	32	36				51.8
	Minimum	28	25	26	33	31	20	20	26	24	49	27	27	36	42	45	51	36	26	26	34	37	36	28	28	33	41	30	29				31.9
Oden	Maximum	40	35	40	57	49	55	49	66	70	61	65	47	59	68	79	70	45	52	36	45	57	53	66	66	67	55	35	36				54.4
	Minimum	30	28	31	40	35	20	38	26	32	41	28	40	42	43	45	45	35	29	34	35	40	33	27	32	41	36	32	29				34.5
Okay	Maximum	45	47	46	68	64	59	60	63	72	72	61	56	51	70	80	72	58	49	48	45	60	57	64	65	65	68	46	51				59.4
	Minimum	29	33	34	42	37	24	41	25	41	53	32	35	40	46	50	55	38	34	32	36	43	32	29	36	38	43	33	33				37.3
Ozark	Maximum	44	33	38	55	46	50	49	58	72	72	61	60	60	64	80	65	48	49	48	45	52	53	63	62	60	58	38	39				54.4
	Minimum	29	26	32	37	27	28	36	22	29	47	28	35	36	42	46	47	37	27	33	36	43	33	28	38	46	33	28	29				34.2
Paragould	Maximum	31	35	35	51	46	45	42	44	65	59	54	51	55	60	73	50	41	37	39	44	66	59	57	61	61	62	28	41				49.7
	Minimum	16	23	29	31	32	31	35	27	33	41	28	29	41	35	45	40	32	24	27	36	42	38	31	30	37	34	24	27				32.1
Perryville	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	..				....
	Minimum	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				...
Pine Bluff	Maximum	37	39	47	67	41	55	47	54	73	61	61	50	67	63	80	71	51	49	45	47	65	56	66	67	69	71	44	47				56.8
	Minimum	29	29	37	47	37	29	39	29	41	49	45	41	47	44	55	47	36	29	35	39	47	37	34	41	44	38	32	34				39.0
Pocahontas	Maximum	37	37	38	53	53	46	45	51	69	65	56	56	61	58	79	78	45	45	44	43	69	65	63	63	62	63	35	47				54.5
	Minimum	17	22	30	30	33	29	34	23	32	39	26	28	40	35	39	41	31	21	25	33	41	37	29	30	36	32	24	29				30.9
Portland	Maximum	40	40	49	70	65	55	54	58	68	73	58	68	60	75	78	74	60	45	47	57	70	68	65	66	75	74	46	47				60.9
	Minimum	30	31	38	47	42	45	40	27	37	50	43	47	47	44	61	60	38	34	36	42	56	39	35	37	46	46	36	35				41.8
Prescott	Maximum	45	38	44	65	62	59	58	61	72	70	61	61	53	69	79	77	55	48	47	44	62	58	65	66	66	70	45	48				58.9
	Minimum	31	29	35	42	36	26	42	29	45	53	36	41	43	48	54	54	38	32	36	37	42	35	33	37	45	43	32	35				38.9
Rogers	Maximum	35	39	42	53	36	53	32	57	70	65	63	51	60	69	77	40	36	40	40	41	48	49	60	60	60	54	29	39				49.9
	Minimum	25	25	33	34	26	20	28	19	35	37	23	32	36	39	49	34	26	21	29	34	37	27	27	31	42	21	20	24				29.8
Russellville	Maximum	31	34	37	59	52	49	42	58	72	69	61	44	62	63	82	84	44	48	38	43	54	54	64	64	62	38	37	38				53.0
	Minimum	28	25	34	37	30	22	37	22	28	45	27	33	39	42	45	43	37	26	33	36	42	35	27	31	45	35	29	31				33.7
St. Charles	Maximum	41	42	43	70	62	52	48	50	70	68	61	57	56	68	78	78	56	48	47	52	68	68	62	66	68	72	46	42				58.5
	Minimum	23	25	34	39	35	31	36	25	36	45	32	34	41	40	57	46	34	27	33	38	49	36	33	34	40	38	30	31				35.8
Searcy	Maximum	30	39	38	57	45	50	46	53	70	59	60	55	60	58	79	73	51	44	40	44	64	53	64	64	61	53	36	41				53.1
	Minimum	23	25	33	36	34	29	35	26	29	44	30	33	40	39	43	46	34	25	30	35	43	38	30	32	40	35	26	30				33.7
Sheridan	Maximum	40	35	40	60	50	53	52	57	71	65	59	54	63	62	79	70	46	46	45	44	63	53	65	65	60	70	37	39				55.1
	Minimum	27	26	34	40	31	25	38	25	38	48	30	33	42	44	49	46	35	28	32	36	43	33	29	33	45	37	31	31				35.3
Siloam Springs	Maximum	40	39	40	50	38	52	47	58	69	60	61	51	62	67	74	60	38	47	40	45	46	49	60	60	58	53	31	39				51.2
	Minimum	28	26	34	33	25	24	30	17	44	38	23	33	39	47	38	36	28	26	32	36	37	28	26	34	43	22	21	24				31.1
Stuttgart	Maximum	36	41	42	63	55	53	48	52	70	65	57	53	55	56	78	71	49	47	47	59	65	61	63	65	66	70	40	41				56.0
	Minimum	26	27	36	41	36	30	39	27	35	47	34	40	42	42	50	48	36	28	34	49	46	37	33	37	45	37	31	31				37.3
Stuttgart Evap.	Maximum	38	40	41	64	52	51	49	51	68	65	57	53	52	57	77	74	47	46	44	50	65	60	62	65	65	70	40	40				55.1
	Minimum	24	24	33	38	33	28	35	26	34	33	33	35	40	44	48	44	35	26	26	37	45	34	29	36	42	36	29	30				34.5
Subiaco	Maximum	40	32	37	53	45	49	48	52	75	65	58	57	55	66	79	75	41	46	44	43	53	51	57	63	60	66	37	34				52.9
	Minimum	28	26	30	36	30	24	36	29	32	48	30	35	40	43	46	40	35	27	33	35	42	32	38	39	47	32	27	28				34.6
Texarkana	Maximum	38	39	48	64	46	59	53	62	71	60	60	51	53	78	79	72	51	48	42	56	64	53	64	65	68	69	39	52				57.3
	Minimum	32	31	38	46	34	30	38	29	46	45	39	44	43	49	62	51	38	34	37	40	40	35	34	42	50	38	34	33				39.7
Turnpike	Maximum	39	32	32	50	37	42	44	53	66	59	59	55	65	60	75	70	36	38	34	42	52	45	59	57	52	58	30	32				49.0
	Minimum	18	17	25	30	22	20	26	20	39	38	31	34	32	39	45	34	24	16	25	29	34	26	33	39	44	24	18	21				28.7
Waldron	Maximum	42	35	41	55	47	56	52	65	71	67	64	61	60	70	81	74	47	50	46	41	54	51	65	66	62	68	35	41				56.0
	Minimum	29	27	31	39	29	21	35	19	29	48	22	31	41	36	43	45	36	29	33	35	40	33	23	27	43	31	29	27				32.5
Warren	Maximum	43	39	47	75	63	59	58	59	71	71	60	56	64	66	78	73	61	48	47	55	68	67	65	66	74	74	52	47				60.9
	Minimum	29	30	37	46	39	30	41	27	43	50	40	45	46	41	53	46	36	33	38	42	54	36	35	36	45	45	34	34				39.7
White Rock	Maximum	35	28	34	48	43	40	41	54	65	59	56	53	58	60	74	66	41	43	41	43	49	47	57	57	52	46	30	31				48.2
	Minimum	22	27	19	32	23	24	26	23	43	36	34	37	34	42	48	36	25	21	29	30	34	24	32	39	44	23	20	22				30.3
Wilson	Maximum	31	39	37	57	48	47	46	46	45	46	48	54	61	68	76	65	63	54	48	50	65	60	59	66	67	67	55	54				54.4
	Minimum	15	21	28	33	35	34	33	27	23	28	30	33	35	36	42	45	30	22	27	29	32	35	30	30	34	35	24	33				30.7
Wynne /	Maximum	32	40	55	55	37	49	44	53	72	49	61	46	50	60	78	48	35	46	45	66	62	56	64	65	65	64	33	44				52.6
	Minimum	21	21	29	34	36	31	32	28	27	39	29	29	40	40	42	45	34	26	28	31	42	38	32	37	39	50	28	28				33.4

Daily River Stages for February, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
Fort Smith	Arkansas	22	6.0	6.5	6.5	6.4	6.3	6.3	6.3	5.8	6.1	6.0	6.0	6.0	6.2	6.5	6.2	6.5	6.5	8.2	9.6	9.8	11.9	17.9	18.4	18.5	17.2	15.4	18.7	16.7		
Van Buren	do	22	6.4	6.6	6.6	6.5	6.5	6.4	6.0	6.1	6.2	6.2	6.2	6.2	6.7	6.6	6.7	6.8	6.9	8.6	9.4	9.6	10.5	18.6	19.2	19.3	17.9	16.4	18.7	16.8		
Danville	Petit Jean	20	5.0	4.8	4.6	4.6	4.6	4.4	4.4	4.2	4.0	4.0	3.9	3.9	4.3	5.5	6.4	5.6	7.7	20.1	21.4	21.1	22.4	26.7	26.6	24.5	22.2	20.5	21.9	25.7		
Ozark	Arkansas	22	2.4	2.2	2.6	2.7	2.5	2.5	2.4	2.2	1.9	2.0	2.0	2.0	2.0	2.9	3.0	2.7	2.8	3.2	4.0	5.6	10.2	15.2	15.4	15.1	14.3	13.0	15.6	14.7		
Morrilton	do.	22	0.1	-0.1	-0.2	0.0	0.1	0.0	-0.1	-0.2	-0.4	-0.6	-0.4	-0.4	-0.4	-0.1	0.4	0.5	0.4	0.4	3.9	4.6	7.4	16.0	15.8	15.6	15.2	14.2	16.2	17.4		
Dardanelle	do.	20	4.6	4.4	4.7	4.8	4.7	4.5	4.5	4.4	4.1	4.0	4.3	4.3	4.4	4.8	5.3	5.0	7.1	8.2	8.0	8.8	13.8	21.0	19.4	18.8	18.2	17.0	20.9	20.4		
Little Rock	do.	23	2.8	2.7	2.5	2.4	2.6	2.6	2.5	2.4	2.4	2.2	2.1	2.2	2.3	2.4	2.6	2.9	2.9	3.2	5.6	5.7	7.7	14.9	17.2	16.9	16.3	15.8	15.4	18.3		
Pine Bluff	do.	25	3.2	3.1	3.0	2.9	2.8	2.8	2.8	2.9	2.7	2.6	2.5	2.5	2.5	2.7	2.8	2.8	3.2	3.6	4.6	6.2	7.7	13.6	19.3	19.6	19.1	18.6	18.1	20.1		
Gilbert	Buffalo	30	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	4.5	5.9	5.4	5.0	14.7	13.4	7.8	6.5	5.9	7.6	14.3	9.0		
Black Rock	Black	14	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.4	4.3	7.2	6.4	5.2	9.0	18.6	19.9	17.6	16.7	16.2	21.9	25.3		
Heber Springs	Little Red	30	4.8	4.7	4.6	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.2	4.1	4.2	4.5	4.8	5.0	5.1	21.3	7.6	9.7	17.8	34.6	15.6	11.6	10.0	9.3	17.0	19.7		
OzarkBeachMo	White	30	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.6	4.6	5.9	6.8	11.4	16.4	17.0	15.6	9.4	12.8	13.4	14.4		
Cotter	do	21	2.4	2.3	2.4	2.4	2.6	2.0	2.1	2.0	2.4	2.1	1.9	1.9	1.9	2.1	3.0	3.4	6.1	8.3	6.8	7.1	11.7	20.7	18.7	17.7	16.1	18.4	20.6	16.2		
Calico Rock	do	18	1.5	1.2	1.1	1.2	1.3	1.5	0.9	0.8	1.0	1.3	0.9	0.8	1.1	0.8	1.4	1.8	2.7	8.1	7.2	6.5	10.6	26.9	22.0	17.4	16.4	13.5	26.8	21.3		
Batesville	do	23	5.7	5.8	5.6	5.5	5.6	5.6	5.7	5.4	5.2	5.4	5.6	5.3	5.4	5.4	5.4	5.7	9.5	10.2	13.5	11.9	15.9	25.7	30.5	26.4	23.5	27.5	28.5	31.2		
Newport	do	26	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.6	0.4	0.1	0.3	0.4	0.4	0.5	0.5	0.3	0.6	7.5	11.1	12.0	12.2	20.9	24.8	27.3	28.1	28.1	27.9	29.4		
Georgetown	do	21	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.7	2.2	2.4	2.5	2.6	3.5	11.0	15.0	16.0	18.5	20.0	21.5	22.6	23.4	24.2	25.2		
Des Arc	do	24	6.2	5.8	5.6	5.4	5.1	5.0	4.7	4.7	4.5	4.5	4.5	4.5	4.4	4.9	5.3	5.5	5.8	6.3	10.5	15.2	17.2	19.2	20.5	22.0	23.0	23.9	25.1	26.5		
Clarendon	do	26	12.8	12.5	12.2	11.9	11.6	11.3	11.1	10.9	10.6	10.4	10.3	10.1	10.1	10.2	10.5	10.8	11.0	11.4	11.9	15.0	18.6	20.6	21.8	22.7	23.7	24.8	25.8	26.9		
St. Charles	do	25	13.0	12.6	12.3	11.9	11.5	11.3	10.9	10.8	10.5	10.3	10.2	10.0	9.9	9.9	10.1	10.5	10.9	11.3	11.5	13.0	16.1	18.3	19.6	20.6	21.5	22.1	22.9	23.7		
Glenwood	Caddo	..	5.4	5.5	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.8	5.8	5.8	5.8	5.7	5.7	5.6	6.0	12.2	8.0	6.7	6.4	6.2	6.0	10.4	8.7		
Arkadelphia	Ouachita	17	6.6	7.2	6.8	7.4	6.4	8.0	6.8	7.1	5.8	5.0	5.0	4.4	7.6	6.9	6.4	6.2	6.4	6.5	5.3	7.8	11.6	25.5	24.9	21.7	14.0	13.4	15.3	25.3		
Boughton	Little Mo	20	6.1	5.9	5.8	5.8	5.7	5.7	5.7	5.6	5.6	5.3	5.3	5.4	7.8	9.5	8.8	8.0	7.7	6.9	6.5	7.2	12.5	20.4	21.6	19.9	17.6	14.5	16.4	21.3		
Camden	Ouachita	26	11.0	10.1	9.3	10.0	9.2	10.4	8.9	9.5	9.1	8.8	7.8	6.8	7.0	10.6	14.3	15.2	14.7	13.7	12.8	12.5	12.8	17.7	23.9	28.3	31.5	34.9	35.8	35.2		
Benton	Saline	20	6.3	6.3	6.5	6.5	6.2	5.8	5.6	5.6	5.6	5.4	5.4	5.4	8.2	8.8	7.2	6.9	6.7	6.6	6.5	6.5	18.8	22.7	12.8	10.0	8.6	8.8	12.9	20.6		
Index	Red	25	6.8	6.4	6.3	6.2	6.1	6.0	6.0	6.1	6.2	6.0	6.0	5.9	6.0	6.3	11.6	13.2	12.0	11.4	9.9	11.2	13.6	19.4	22.8	23.2	22.2	21.3	20.8	22.4		
Fulton	do	25	8.0	7.8	7.6	7.4	7.2	7.1	7.3	7.5	7.2	7.0	6.8	6.6	6.8	7.6	8.2	12.8	14.0	12.5	11.1	12.4	15.2	20.7	24.5	26.0	26.5	26.6	26.6	27.9		
Big Lake Outlet	St. Francis	10	5.1	5.0	4.9	4.9	4.9	4.8	4.7	4.9	4.8	4.7	4.8	4.8	5.2	5.1	5.2	5.4	5.9	5.9	6.5	7.6	8.4	8.7	9.6	10.8	11.6	11.9	12.1	12.3		
St. Francis	do	18	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.4	3.3	3.3	3.3	3.5	3.7	3.5	3.4	8.1	10.5	9.8	8.0	10.2	15.5	16.3	16.0	16.1	16.5	17.5	17.9		
St. Francis L.L.	do	..	19.0	18.8	18.6	18.6	18.5	18.6	18.6	18.7	19.6	20.0	19.5	19.1	19.0	18.8	18.9	18.9	19.0	19.2	19.3	19.4	19.9	20.4	20.7	21.1	21.5	22.0	22.4	22.6		
Marked Tree	do	17	7.1	7.1	7.0	7.0	6.9	6.4	6.3	6.3	3.5	2.6	2.8	7.0	7.5	7.5	7.3	7.5	8.8	8.3	8.3	8.4	9.2	10.0	10.3	10.3	10.2	10.0	10.1	10.8		
Parkin	do	28	7.0	6.9	6.7	6.6	6.6	6.5	6.2	6.1	6.0	5.7	4.5	5.4	7.5	8.4	8.9	8.7	8.7	9.7	10.6	10.8	11.9	14.1	15.3	15.5	15.1	14.5	14.3	15.8		
Madison	do	32	6.5	5.5	5.3	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.0	3.6	5.0	5.5	7.5	7.7	7.5	7.8	8.3	8.8	10.7	12.7	14.2	15.1	15.6	14.2	15.7	18.2		
Helena	Mississippi	42	15.3	13.6	12.1	10.9	9.9	9.7	9.2	8.7	8.2	7.7	7.5	7.7	8.2	8.7	9.1	9.9	11.6	13.7	15.7	17.6	20.7	24.0	26.6	28.8	30.6	31.9	33.0	34.3		
Arkansas City	do	42	14.5	13.4	12.1	10.7	9.6	8.6	8.1	7.7	7.2	7.1	6.6	6.1	5.8	6.2	6.5	7.0	7.6	9.1	10.5	12.1	14.5	17.1	21.0	24.5	26.6	27.5	29.0	29.7		

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., trace or 0.001 inch or less. [a],[b],[c], etc., number days missing, example, [b]indicates 2 days missing. §Partly interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 11;30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature thenread is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devi's Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Heber Springs, Tumbling Shoals; Index, Route 5, Texarkana: Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley; Sparkman, Rt. Sparkman; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—4-21-1945—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. L LITTLE ROCK, ARK., MARCH, 1945 No. 3

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D. C.

GENERAL SUMMARY

March temperatures were considerably above normal in Arkansas, the State average of 58.9° being exceeded only in 1938, 1921, and 1908. Mean temperatures at individual stations ranged from 63.8° at Warren to 53.0° at Bentonville. The coldest weather of the month was experienced on the 1st, 7th, and 8th when minimum temperatures ranged from near 32° in the southern section to 20° or slightly lower at stations in the northwestern counties. Temperatures were considerably above normal almost every day after the 9th.

With an average precipitation of 11.12 inches for the State, this was the wettest March on record, and in the past 55 years only January 1937, and April, 1927 have had more rainfall. Precipitation was above normal at all stations but the greatest excesses occurred in Montgomery and adjacent counties where some stations measured over 18 inches during the month. Rainfall was extremely heavy in some sections on the 18th-19th and 29th-30th, many stations measuring over four inches in a 24-hour period. No snowfall occurred in the State during the month but light sleet was observed in the northern section early in the month.

As a result of these heavy rains, most of the rivers in the State were in flood, and thousands of acres of bottom lands were inundated. These floods, together with the prevailing rainy weather, prevented farmers from plowing and planting, except on the drier uplands. Spring farm work is now more than a month behind an average season. Winter grains and meadows are in a thriving condition.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 78 stations, was 58.9°, which is 6.3° above the 55-year average for March. The highest monthly mean temperature was 63.8° at Warren, and the lowest was 53.0° at Bentonville. The highest temperature recorded was 92° at Camden on the 26th, and the lowest was 16° at Gravette on the 7th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 101 stations, was 11.12 inches, which is 6.35 inches above the 55-year average for March. The greatest monthly total was 18.97 inches at Pine Ridge, and the least was 4.95 inches at Wilson. The greatest amount recorded in a 24-hour period was 7.01 inches at Oden on the 29th-30th.

B. N. W.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:----2,3,5,6,14,15,16,17,18,19,20,21,23,24,25,26,27,28,29.
Glaze---6,7.
Sleet:---6.
Hail:---12,17,18,19,24,25,29.
Thunderstorms:---1,2,3,4,5,6,11,12,14,15,16,17,18,19,20,21,23,24,25,26,28,29,30.
Killing Frost:---7,8,9,21.
Heavy Fog:---1,2,3,4,5,6,11,12,13,14,15,16,18,19,24,26.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.34	9	29.49	15	8.9	36	sw.	15	81	64	61	56	226
Little Rock	30.37	9	29.57	6	9 5	35	se.	23	87	66	65	47	215
Memphis .	30.38	9	29.59	6	8.8	25	nw.	21	85	68	67	51	213

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	79	10	5.10	......	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1 3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	88	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0 8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T.	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5 57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2 21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1 0	9	15	6	10
1935	58.7	90	18	8.29	T	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
1937	48.7	84	14	3 04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
1939	54.4	88	19	3.71	T.	8	14	8	9
1940	52.0	88	9	2.39	0.7	7	14	7	10
1941	47.5	80	13	2.21	0.2	7	13	8	10
1942	53.0	89	18	3.95	2.0	8	15	7	9
1943	46.9	84	− 6	5.66	0.2	10	13	6	12
1944	51.3	87	14	6.13	0.2	10	12	8	11
1945	58.9	92	16	11 12	0.0	13	11	6	14
Period	52 6	98	− 6	4.77	0.5	8	13	7	11

Corrections for February, 1945. Benton, mean temperature 41.6°: Mountainburg, total precipitation 9.44 inches: Ozark, number days partly cloudy, 2, cloudy 16: Rogers, mean temperature 39.8°.

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Climatological Data for March, 1945

Stations	Counties	Elevation, feet	Length of record years	Temperature, (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	8	57.1	......	85	16	25	7	11.38	......	3.25	29-30	0.0	13	9	5	17	w.	L. R. Water Works
Arkadelphia	Clark	200	49	60.0	+ 4.2	87	16†	30	8	10.46	+5.67	2.00	29-30	0.0	16	10	0	21	s.	W. H. Halliburton
Arkansas City	Desha	145	60	......	......	......	......	......	......	12.51	+7.02	3.56	3	0.0	11	12	2	17	......	John W. Trammell
Ashdown	Little River	329	1	62.2	......	87	17	33	7	12.34	......	5.00	29-30	0 0	9	3	12	16	......	J. F. Ferguson
Batesville Airway	Indepeudence	363	8	56.9	+6.5	83	16	27	7	9.85	......	3.02	29-30	0 0	13	10	7	14	s.	Airway Observer
Batesville Livestk.	Independence	500	4	55.2	......	83	16	23	7	11 00	......	3.35	29-30	0.0	13	11	8	12	s.	University of Arkansas
Batesville River	Independence	277	45	......	......	......	......	......	......	9.79	+5.38	3.03	29-30	0.0	15	12	4	15	......	C. M. Barnwell
Bee Branch	Van Buren	650	52	57.2	+ 5.8	82	16†	25	7	12.67	+8.00	3.52	29-30	0.0	12	9	10	12	w.	Minnie Scanlan
Benton	Saline	285	9	56.6	......	85	16	28	7	8.81	......	2.50	29-30	0.0	15	14	9	8	sw	Mrs. Etta C. Burks
Bentonville	Bentou	1295	39	53.0	+ 5.0	82	28	18	7†	11.47	+8.10	2.58	18-19	0.0	12	11	9	11	sw.	E. L. Brown
Bethesda ***	Independence	500	5	55.4	......	83	17	23	7	10.55	......	3 08	30	0.0	12	13	6	12	s.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	14	......	......	......	......	......	......	7.29	+2.65	1.72	25	0.0	14	11	3	17	......	N. W Douglas
Black Rock	Lawrence	259	43	......	......	......	......	......	......	8.05	+3.66	1.47	18-19	0.0	15	18	0	13	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	4	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Ark. Forestry Com
Blytheville	Mississippi	252	19	59.6	+ 8.3	86	16	29	8	7.54	+3.04	1.87	25	0.0	12	12	8	11	s.	Maureen K Norris
Booneville 3 miles w	Logan	465	30	58.9	+ 5.6	86	16	22	7	12.92	+9.47	2.45	28-29	0.0	12	11	10	10	e.	F. H. Randolph
Boughton ***	Clark	235	9	......	......	......	......	......	......	11.03	......	1.60	25-29	0.0	12	9	4	18	......	Katie B. Moore
Brinkley	Monroe	205	53	59.6	+ 6.3	83	24	32	7†	7.24	+1.95	1.26	25	0.0	16	10	3	18	s.	U. S. Weather Bureau
Calico Rock	Izard	361	40	......	......	......	......	......	......	13.33	+9.76	2.80	29	0.0	14	7	5	19	......	William Jones
Camden	Ouachita	116	59	63.2	+ 7.9	92	26	32	7	9.62	+4.56	1.82	30	0.0	16	5	7	19	se.	J. M. Knight
Camp Chaffee	Sebastian	419	1	57.3	......	86	27	27	7	12.16	......	3.93	18-19	0.0	12	5	11	15	e.	U. S. Army
Camp Robinson	Pulaski	463	4	60.6^b	......	84	16†	30^d	7	7.95	......	1.40	29	0.0	16	9	7	15	se.	U. S. Army
Clarendou	Monroe	172	40	......	......	......	......	......	......	7.43	+2.46	1 89	25-26	0.0	15	7	7	17	......	B F. Northern
Conway	Faulkner	309	61	60.2	+ 6.6	87	26†	30	7	11.18	+6.60	2.74	29-30	0.0	15	11	9	11	s.	E. E. Cordrey
Coruing	Clay	293	51	58.6	+ 7.9	85	16†	28	7†	9 29	+4.63	1.85	18-19	0.0	12	12	7	12	s.	Richard Polk
Cotter	Baxter	440	17	......	......	......	......	......	......	10.21	+7.25	2.64	18-19	0.0	11	13	8	10	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	32	62.8	+ 6.8	85	16†	31	9†	7.21	+2.25	2.00	3	0.0	10	10	7	14	s.	U. S. Forest Service
Cummins Farm ***	Lincoln	176	1	60.6	......	82	15†	32	1†	10.41	......	3.30	29-30	0.0	9	13	9	9	s.	T. C. Cogbill
Danville	Yell	327	28	......	......	......	......	......	......	18.09	+14.13	3.95	29	0.0	14	12	5	14	......	J. M. Patterson
Dardanelle	Yell	330	58	59.8	+ 6 5	86	16	28	7	11.80	+7.50	3.19	28	0.0	12	6	10	15	s.	Geo. N. Goodier
DeQueen	Sevier	426	9	59.5	......	84	16	30	7	12.43	......	4.28	29-30	0.0	14	9	8	14	......	L. D. McCowan
Des Arc	Prairie	204	6	60.1	......	83	27	31	7	6.18	......	1.24	20	0.0	13	10	2	19	s.	Z. R. Gleun
Devils Knob ***	Johnson	2350	8	53.1	......	78	27	18	7	14.23	......	3.24	18-19	0.0	15	14	2	15	se.	U. S. Forest Service
Dumas	Desha	162	39	62.8	+ 7.2	86	24	34	1†	9.77	+3.97	3.02	3	0.0	13	3	13	15	s.	Ben Johuson
El Dorado	Uniou	270	44	62.7	+ 8 0	86	15	33	7	11.52	+6.43	3.06	3-4	0.0	14	9	7	15	s.	Mrs. E. W. Gaston
England	Lonoke	229	38	61.0	+ 6.9	86	27	29	7	5.72	+0.86	1.22	3	0.0	13	8	13	10	s.	O. V. Halbrook
Eureka Springs	Carroll	1465	44	56.4	+ 6.3	85	16	17	7	9.56	+5.82	3.20	18-19	0.0	13	17	6	8	sw.	Geo. W. Nichoalds
Fayetteville	Washiugtou	1334	7	55.4	......	82	16†	20	7	10.60	......	4.09	18-19	T.	13	8	11	12	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	57	55.4	+ 5.7	80	28	19	7	9.13	+5.67	3.33	18-19	T.	15	9	10	12	sw.	University of Ark.
Fordyce	Dallas	280	4	62.4	......	85	15†	31	7	8.10	......	2.30	29-30	0.0	9	2	24	5	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	63	58.8	+ 6.2	84	27	28	7	13.03	+10.02	3.68	18-19	0.0	14	8	8	15	e.	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	7	......	......	......	......	......	......	12.61	......	4.06	18	0.0	12	11	7	13	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	......	......	......	......	......	......	14.45	+9.93	5.10	29-30	0.0	17	8	3	20	......	Ina J. Logan
Garland	Miller	225	2	......	......	......	......	......	......	9.02	......	1.26	11-12	0.0	14	8	0	23	......	L. D. Denney
Georgetown, 2 mi. se	White	200	32	......	......	......	......	......	......	7.07	+2.11	1.30	18	0.0	14	13	0	18	......	J. S. McDonald
Gilbert	Searcy	600	19	53.8	......	85	16	20	7†	11.40	+8.67	3.50	18-19	0.0	13	12	1	18	s.	D O. Dennis
Glenwood	Pike	547	9	......	......	......	......	......	......	15.65	......	6.75	29-30	0.0	16	4	14	13	......	C. A. Price
Grannis	Polk	950	25	57.4	+ 5.7	82	26	26	7	14.09	+9.82	2.76	29-30	0.0	17	10	4	17	s.	W. E. McVay
Gravette	Beuton	1250	47	55.2	+ 6.5	82	27†	16	7	10.37	+7.00	2.10	2	0.0	13	14	6	11	sw.	J. A. Schmidt
Greeu Mountain †	Stone	1100	7	56.6	......	85	16	20	7	13.76	......	2.90	29-30	0.0	12	13	2	16	s.	U. S. Forest Service
Harrisou	Boone	1052	44	56.0	+ 7.2	83	28	19	7	11.59	+8.47	3.30	18-19	0.0	12	16	3	12	s.	J. M. McGaughey
Helena	Phillips	300	72	61.6	+ 7.8	85	16	31	1	8.10	+2.09	2.12	24-25	0.0	11	9	1	21	se.	James A. Burnett
Hope 3 miles e.	Hempstead	375	74	59.7	+ 4.0	85	16†	30	7	12.87	+7.82	2.02	29-30	0.0	16	12	1	18	s.	Univ. of Arkansas
Hot Springs	Garland	600	52	61.0	+ 6 8	90	28	27	7	13.85	+9.05	4.61	29-30	0.0	14	11	12	8	w.	National Park Service
Index ***	Little River	275	27	......	......	......	......	......	......	15.64	+11.28	6 00	30	0.0	15	......	......	......	......	W. E. McDowell
Jessieville	Garland	750	18	......	......	......	......	......	......	15.09	+10.78	5.60	29-30	0.0	15	10	8	13	s.	U. S. Forest Service
Jonesboro	Craighead	345	49	58.9	+ 6.7	85	16	29	7	8.31	+3.56	2.09	25-26	0.0	15	10	3	18	sw.	Benedictine Sisters
Lead Hill	Boone	650	38	55.9	+ 7.4	86	25	20	7	9.24	+5.55	2.99	18-19	0.0	13	17	3	11	sw.	J. H. Crosswhite
Little Rock	Pulaski	257	65	59.6	+ 6 6	85	16	30	7	6.99	+2.37	1.83	29-30	0.0	17	11	1	19	s.	U.S. Weather Bureau
Lutherville, 2 mi. e ***	Johnsou	775	46	57.8	+ 6.3	85	27	29	1	16.95	+12.80	3.88	28-29	0.0	14	14	3	14	e.	Mrs H. G. Lenhardt
Madison	St. Francis	209	14	......	......	......	......	......	......	8.82	+3 67	2.55	25-26	0.0	8	7	2	22	......	J W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	62.8	+ 5.3	85	15†	32	7	7.17	+2.57	1.70	3	0.0	14	7	9	15	se.	State Agr. School
Mammoth Spring	Fulton	600	40	57.0	+ 7.2	84	29	24	7	11.86	+8.48	2.11	28-29	0.0	13	14	3	14	s.	Ray H. Hall
Marianna	Lee	235	33	61.2	+ 7.6	83	19†	31	1	9.95	+5.15	2.50	30-31	0.0	11	9	3	19	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	57.9	+ 7.5	84	16	30	8	8.33	+3.19	1.80	25-26	0.0	16	8	15	8	n.	Chas. Walton
Marshall	Searcy	1050		58.0	+ 7.5	83	18†	22	6	13.05	+9.13	2.95	17-18	0.0	12	10	10	11	s.	H. W. Wright, Jr.
Meua	Polk	1207	56	58.4	+ 5.8	86	16	25	7	18.01	+13.56	4.39	28-29	0 0	15	10	6	15	sw.	E. W. St. John
Monticello	Drew	273	4	63.2	......	86	19†	34	7	9.75	......	5.04	2-3	0.0	12	7	7	17	se.	Airway Observer
Morrilton ***	Conway	315	28	59.2	+ 7 9	90	16	28	7	12.67	+8.64	4.00	29-30	0.0	14	10	4	17	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	7	......	......	......	......	......	......	12.18	......	3.08	18-19	0.0	12	16	3	12	s.	C. A. Lovell
Mountain Home ***	Baxter	800	32	56.0	+ 6.2	84	16	21	7	10.90	+7.23	2.55	29-30	0.0	10	16	4	11	s.	H. N. Halbert
Mouutain Valley	Garland	788	7	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Mount Ida, 2 mi. e	Montgomery	702	45	57.8	+ 5.7	85	27	24	7†	15.64	+11.22	4.55	29-30	0.0	15	8	9	14	sw.	J. S. Whittiugton
Mulberry 6 mi. n ***	Franklin	433	6	......	......	......	......	......	......	12.77	......	3.22	18-19	0 0	13	14	2	15	......	H. G. Arvin
Nashville	Howard	350	6	60 6	......	85	16†	31	7	14.91	......	5.31	29-30	0.0	11	14	1	16	e.	Carter Day
Newport	Jackson	231	61	59.6	+ 7.0	84	16	32	7	7.71	+2.92	1.60	30-31	0.0	15	13	0	18	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	3	55.5^a	......	85^a	16	26^a	7	12.47	......	4.05	29-30	0.0	12	10	5	16	se.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	17	58.9	......	83	16†	25	7	15.78	+12.14	7.01	29-30	0 0	13	12	5	14	sw.	U. S. Forest Service
Okay	Howard	288	16	61.7	+ 6.0	87	17†	30	7	15.89	+11.54	5.70	29-30	0.0	14	10	7	14	s.	Charles R. Jackson
Osceola	Mississippi	250	44	......	......	......	......	......	......	8.69	+3.60	2.65	30-31	0.0	14	15	5	11	......	G. M. Serey
Ozark	Franklin	396	49	57.9	+ 5.2	85	16†	21	7	10.28	+6.54	2.58	18	0.0	14	11	5	15	e.	Orkney O. Milton
Paragould	Greene	275	21	57.8	......	82	16	29	7†	7.56	+2.66	1.95	25	0.0	14	12	8	11	sw.	J. E. Garrett
Parkin, 2mi. w	Cross	222	14	......	......	......	......	......	......	9.43	+4.09	3.22	29-30	0.0	11	......	......	......	......	Carroll King
Perryville	Perry	325	5	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Lillie Crauford
Pine Bluff	Jefferson	215	57	61.8	+ 6.7	86	24†	33	7	7.78	+2.50	1.75	11-12	0.0	15	9	7	15	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	......	......	......	......	......	......	18.97	+14.79	3.98	28-29	0.0	10	8	2	21	sw.	J. R. Huddleston
Pocahontas	Randolph	300	51	58.0	+ 6.9	83	16	28	8	10.10	+5.53	1 82	18-19	0.0	15	11	6	14	s.	Benedictine Sisters
Portland	Ashley	122	38	63.4	+ 6 6	84	19	36	9	9.50	+4.36	2.75	3	0.0	11	11	5	15	s.	Mrs. Pearl Newton
Prescott	Nevada	318	56	62.2	+ 6 3	84	16†	31	7	10.70	+6.19	2.28	11-12	0.0	16	8	7	16	s.	W. R. Hambright
Rogers	Benton	1300	54	55.0	+ 5.9	83	16†	18	7	10.03	+6.70	4.00	18-19	0.0	13	9	13	9	s.	Howard Fowler
Russellville	Pope	526	32	58.8	+ 6.4	85	16	25	7	16.05	+11.74	3.72	28-29	0.0	16	11	11	9	e.	U. S. Forest Service
St. Charles	Arkansas	175	11	62 2	......	85	16†	31	1	9.55	......	2.23	29-30	0.0	12	15	0	16	sw.	U. S. Bio. Survey
St. Francis	Clay	290	17	......	......	......	......	......	......	9.81	+4.86	2.05	17	0.0	14	15	0	16	......	Wm. S. Buckley
Searcy	White	245	34	59.2	+ 6.9	84	16	29	7	8.60	+3.99	2.42	29-30	0.0	15	11	5	15	se.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	4	60.4	......	85	16	30	7	8.82	......	1.57	29-30	0.0	15	9	4	18	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	4	55.0	......	81	16†	19	7	11.58	......	1.96	24-25	0.0	11	8	15	8	s.	John Brown Univ.
Story	Montgomery	650	20	......	......	......	......	......	......	16.44	+12.64	3.58	29-30	0 0	10	12	8	11	s.	S. C. Story
Stuttgart	Arkansas	214	57	61 3	+ 7.4	84	16	33	1†	8.83	+3.41	1.89	30	0.0	14	10	7	14	s.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	9	61.6^c	......	81	16†	34	1†	7.20	......	1.41	3	0.0	12	......	......	......	......	University of Ark.

Climatological Data for March, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	46	58.8	+ 5.7	85	16†	25	7	12.26	+8.49	2.90	29-30	T.	12	16	6	9	s.	New Subiaco Abbey
Texarkana	Miller	332	60	61.4	+ 5.2	83	16	32	7	15.33	+11.03	5.36	29	0.0	17	9	5	17	e.	U. S. Weather Bureau
Turnpike***	Pope	2240	20	53.6	......	80	28	17	7	17.43	+13.51	3.83	28-29	0.0	17	15	2	14	sw.	U.S Forest Service
Waldron	Scott	675	25	58.4	......	85	16	23	7	15.43	+11.75	3.57	28-29	0.0	12	9	8	14	se.	William D Bivens
Warren	Bradley	206	50	63.8	+ 7.8	88	26	34	7	13.76	+8.38	5.10	2-3	0.0	11	7	6	18	sw.	C. N Turner
Whitecliffs	Little River	290	38	....	......	......	......	......	......	14.34	+10.00	5.25	30	0.0	13	4	3	24	......	L. M. Snead
White Rock***	Franklin	2285	8	53.9	......	79	16†	19	7	15.33	......	3.37	28-29	0.0	13	13	7	11	se.	U. S. Forest Service
Wilson	Mississippi	237	19	59.3	+ 7.5	86	16	27	8†	4.95	+0.32	1.85	25-26	0.0	13	10	2	19	s.	D. O. Anderson
Wynne	Cross	167	36	59.2	+ 7.4	84	16	30	7†	11.42	+6.23	3.82	29-30	T.	13	13	5	13	......	Mrs. C. A. Ford
State Means	......	..	..	58.9	+ 6.3	92	26	16	7	11.12	+6.35	7.01	29-30	T.	13	11	6	14	s.	

Daily Precipitation for March, 1945

Stations	Drainage basin	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	....	....	.96	....	.14	.44	....	....	....	....	....	2.41	....	....	.18	....	....	....	3.21	.33	....	....	....	....	.46	....	....	....	1.89	2.32	....	12.34
Alum Fork Reser.	Arkansas	.10	.08	....	.62	....	.32	....	....	....	....	.73	.64	....	....	.74	....	....	.48	.75	....	....	....	....	.05	.42	....	....	....	3.20	3.25	....	11.38
Aplin[2]	Arkansas	....	.17	.45	....	.19	.55	....	....	....	....	....	1.08	....	....	.55	....	.36	.03	1.43	1.01	....	....	....	....	.51	.14	....	....	1.92	4.12	.60	13.11
Arkadelphia[2]	Ouachita	....	.10	1.19	.49	.12	T.	....	....	....	....	....	1.47	T.	....	1.05	....	.37	.07	.05	1.58	....	....	....	.06	.26	.10	....	....	1.20	2.00	.35	10.46
Arkansas City[2]	Mississippi	....	....	3.56	2.34	....	....	....	....	....	....	....	.62	.26	....	.35	.02	T.	.47	....	1.35	....	....	T.	T.	1.37	1.34	....	....	....	....	.83	12.51
Ashdown	Red	T.	....	1.02	....	....	....	....	....	....	....	.80	.70	....	....	1.01	....	T.	.10	.50	....	T.	....	....	....	.20	....	....	....	3.01	5.00	....	12.34
Augusta[2]	White	....	.23	.68	T	.30	.08	T.	....	....	....	....	.80	....	....	.76	....	.80	....	.50	.97	....	....	....	....	.64	.13	....	....	....	.77	.23	6.89
Batesville Air'y[3]	White	.05	.51	....	.54	....	.77	....	....	....	....	.01	....	....	....	.67	1.54	.07	1.21	.52	....	....	....	....	....	.59	....	....	T.	1.64	1.73	....	9.85
Batesville Livestk[2]	White	....	.04	.40	....	.38	.78	....	....	....	....	.56	....	....	....	.62	....	1.18	....	1.40	.50	....	....	....	....	.45	....	....	....	1.20	3.35	.14	11.00
Batesville River[2]	White	....	.11	.47	....	.41	.62	.06	....	....	....	....	.47	....	....	.67	....	1.40	....	1.07	.16	....	....	....	.49	.49	.13	....	....	.21	3.03	....	9.79
Beaty Lake	St. Francis	.14	T.	1.00	....	.11	.12	....	....	....	....	.06	.49	....	....	.65	....	.24	.11	.02	1.09	....	....	T.	....	2.65	....	....	....	T.	1.89	.15	8.72
Beaver[2]	White	....	.20	.75	....	.06	1.75	....	....	....	....	....	.12	....	....	.30	....	....	....	3.11	.48	....	....	....	....	.85	....	....	....	.44	.80	.20	9.06
Bee Branch	Arkansas	....	....	1.49	....	.69	.67	....	....	....	....	.29	.41	....	....	.53	....	.84	1.25	....	.35	....	....	....	....	.33	....	....	....	2.30	3.52	....	12.67
Beech Grove	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Beedeville[2]	White	....	.24	.75	T.	.56	....	.15	....	....	....	....	.35	....	....	.73	....	.60	....	.22	1.52	....	....	....	....	.58	.64	....	....	.05	.72	.26	7.37
Benton[2]	Saline	....	.07	.82	.27	T.	.14	....	....	....	....	....	1.05	....	....	.62	....	.51	....	.16	.98	....	....	....	.13	.16	.11	....	....	1.29	2.35	.15	8.81
Bentonville[2]	Arkansas	....	1.44	T.	....	1.32	1.09	....	....	....	....	....	.03	....	....	1.16	....	....	....	.52	2.58	.05	....	....	....	.94	1.09	....	....	.46	.79	....	11.47
Bethesda[2]	White	....	.04	.42	....	.40	.81	....	....	....	....	.35	....	....	....	.65	....	1.18	....	1.31	.48	....	....	....	....	.56	....	....	....	1.27	*	3.08	10.55
Big Flat[2]	White	....	....	.67	....	.35	.57	.02	....	....	....	....	.41	....	.29	....	....	.78	1.45	1.24	....	....	....	....	....	.57	....	....	....	2.70	2.30	.20	11.55
Big Lake Outlet[2]	St. Francis	....	.05	.59	....	.63	....	.08	....	....	....	....	.01	....	....	.39	.09	.46	.03	.20	.92	....	....	....	....	....	1.72	....	....	....	.41	1.71	7.29
Black Rock[2]	White	....	.05	.58	....	.57	.49	.09	....	....	....	....	.05	....	....	.57	....	1.30	.57	1.47	.20	....	....	....	....	.37	....	....	....	.18	.98	.58	8.05
Bluff City	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blytheville[2]	St Francis	....	.48	....	....	.51	.01	....	....	....	....	....	.01	....	....	.35	.02	.82	....	.59	.88	....	....	....	....	....	1.87	....	....	....	.18	1.82	7.54
Booneville 3 mi. w	Arkansas	....	.54	....	....	.33	.57	....	....	....	....	.68	1.35	....	....	.27	....	.02	2.03	1.82	....	....	....	....	....	.71	....	....	....	2.45	2.15	....	12.92
Booneville[2]	Arkansas	....	.05	.52	....	.18	1.20	....	....	....	....	....	1.74	....	....	.24	.06	....	....	....	....	....	....	....	....	1.25	.04	....	....	2.79	2.30	.03	10.40
Boughton[2]	Ouachita	....	....	1.33	.58	.10	....	....	....	....	....	....	2.28	....	....	1.20	....	.28	....	....	1.40	....	....	....	.15	.38	.18	....	....	1.60	1.18	.37	11.03
Brinkley[1]	White	.06	.74	.55	.07	.01	.16	....	....	....	....	.51	.42	....	....	.61	....	.42	.01	1.14	....	....	....	T.	....	1.26	....	....	....	.19	.98	.11	7.24
Burdette	Mississippi	....	1.08	.69	....	....	....	....	....	....	....	....	....	....	....	....	....	.39	.69	.07	....	....	....	....	....	3.03	....	....	....	.05	.96	1.16	8.12
Calico Rock[2]	White	....	.05	.80	....	.30	.95	....	....	....	....	....	.12	....	....	.35	....	.61	2.95	....	.60	....	....	....	....	.65	.07	....	....	2.80	1.95	1.13	13.33
Camden[2]	Ouachita	....	.07	1.72	.88	.12	....	....	....	....	....	....	1.31	.31	....	.69	....	.32	.07	....	1.15	....	....	....	.24	.06	.11	....	....	.08	1.82	.67	9.62
Camp Chaffee[2]	Arkansas	....	T.	.84	....	.12	.90	....	....	....	....	T.	1.78	....	....	.57	....	....	....	3.93	.53	....	....	....	....	.43	.03	....	....	.88	2.14	.01	12.16
Camp Robinson[1]	Arkansas	.44	.90	.14	.16	....	.09	....	....	....	....	.65	.51	....	....	.60	.02	.58	.08	.80	....	....	....	....	....	.50	....	....	....	1.40	1.05	.03	7.95
Carlisle[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Clarendon[2]	White	....	.02	.72	.45	.10	....	.04	....	....	....	....	.83	....	....	.53	....	....	.41	T.	1.02	....	....	....	.08	1.64	.25	....	....	.02	.30	1.02	7.43
Cold Springs[2]	Ouachita	....	....	1.25	....	....	.43	....	....	....	....	....	2.70	....	....	.52	....	....	....	2.00	....	....	....	....	....	....	1.50	....	....	3.45	2.90	....	14.75
Conway	Arkansas	.21	.09	.71	....	.39	.37	....	....	....	....	.61	.69	....	....	.87	....	.31	.51	.47	.47	....	....	....	....	.33	....	....	....	2.41	2.74	....	11.18
Corning[2]	White	....	....	....	....	.80	.77	T	....	....	....	....	.14	....	....	.85	....	1.00	....	1.85	.80	....	....	....	....	.25	1.40	T.	T.	.15	1.10	.18	9.29
Cotter[2]	White	....	T.	.21	....	.18	1.06	....	....	....	....	....	T.	....	....	.24	....	T.	....	2.64	.53	....	....	....	....	.83	.16	....	....	1.86	2.02	.48	10.21
Crossett	Ouachita	....	....	2.00	.68	....	....	....	....	....	....	.20	1.26	....	....	.39	....	....	.20	....	.70	....	....	T.	.07	.93	....	....	....	....	.78	....	7.21
Crystal Valley[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Cummins Farm	Arkansas	....	....	2.65	....	....	....	....	....	....	....	.70	.96	....	....	....	....	.40	....	....	1.10	....	....	T.	.20	1.10	....	....	....	.20	3.10	....	10.41
Danville[2]	Arkansas	....	.06	1.19	....	.36	.81	....	....	....	....	....	.88	....	....	.15	....	1.30	....	3.41	.69	....	....	....	....	1.98	.05	....	....	3.95	2.76	.50	18.09
Dardanelle[2]	Arkansas	....	.06	1.03	....	.36	.83	....	....	....	....	....	1.10	....	....	.19	....	1.42	....	1.91	.72	....	....	....	.03	.96	....	....	....	3.19	....	....	11.80
Denmark[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
De Queen	Red	T.	.50	.30	.21	....	.09	....	....	....	....	1.19	.40	....	....	.66	....	.15	.08	.80	....	....	....	....	.07	1.69	....	....	....	2.01	4.28	....	12.43
Dermott[2]	Mississippi	....	....	2.90	2.47	....	....	....	....	....	....	....	.71	.31	....	.24	....	T.	.48	.05	.05	1.04	....	....	.02	1.35	.20	....	....	....	....	1.50	11.32
Des Arc[2]	White	....	....	.19	.70	.22	.32	....	.16	....	....	....	.99	....	....	.67	....	.26	T.	.10	1.24	....	....	T.	....	.49	....	....	....	....	.42	.42	6.18
Devils Knob	Arkansas	....	1.32	....	.05	.76	.79	....	....	....	....	.52	.16	....	....	.40	....	.04	1.06	3.24	.04	....	....	T.	.05	1.15	....	....	....	1.95	2.70	....	14.23
Dumas	Mississippi	T.	....	3.02	.05	....	T.	....	....	....	....	.55	.58	....	....	.70	.06	.20	.06	T.	.90	....	....	.14	....	2.44	....	....	....	.22	.85	....	9.77
Eagle Gap[2]	Arkansas	....	.03	1.93	....	.53	1.18	....	....	....	....	....	2.18	....	....	.51	....	T.	....	2.46	.48	....	....	....	.11	1.40	.09	....	....	4.51	2.73	.10	18.24
El Dorado[2]	Ouachita	....	.02	2.49	3.06	.02	....	....	....	....	....	....	.96	.14	....	.26	....	....	.54	....	.74	....	....	....	.72	.22	.32	....	....	....	1.31	.72	11.52
Eleven Point[2]	White	....	.04	1.26	....	.46	1.06	....	....	....	....	....	.09	....	....	.30	....	1.54	....	2.36	.22	....	....	....	T.	.42	.38	....	....	.21	2.09	.31	10.74
England	Arkansas	T.	.04	1.22	....	.04	.15	....	....	....	....	.65	.35	....	....	.70	....	.09	1.00	....	....	....	....	.04	....	.60	....	....	....	.10	.74	....	5.72
Eureka Springs	White	.05	.77	....	....	.75	1.05	....	.25	....	....	....	.04	....	....	.45	....	....	.20	3.00	.15	....	....	....	....	.90	....	....	....	.75	1.20	....	9.56
Evening Shade[2]	White	....	....	.80	.44	.95	....	....	....	....	....	....	....	....	.50	....	....	1.00	....	1.45	.92	....	....	....	....	.45	....	....	....	.60	3.35	....	10.46
Fayetteville	White	.03	.62	....	T.	1.18	.65	T.	....	....	....	.15	....	....	....	.62	....	....	1.21	2.89	.06	....	....	....	.20	.88	....	....	....	.53	1.58	....	10.60
Fayetteville Exp. S	White	.02	.71	T.	T.	.76	.56	....	....	....	....	.18	.01	....	....	.70	....	....	.69	3.33	.04	....	....	....	.02	.71	....	....	....	.52	1.54	.04	9.13
Fordyce	Arkansas	T.	....	.20	.11	....	....	....	....	....	....	....	1.78	....	....	.77	....	T.	T.	....	1.31	....	....	T.	.10	.90	....	....	....	.63	2.30	....	8.10
Forester[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Fort Smith[1]	Arkansas	T.	.92	....	.08	.77	.32	....	....	....	....	2.97	.03	....	T.	.20	....	....	3.03	.68	T.	....	....	T.	1.27	.12	....	....	.39	1.15	1.10	....	13.03
Fort Smith W.[1]	Arkansas	....	.15	1.16	....	.17	.96	....	....	....	....	....	.77	....	....	.55	....	....	....	4.06	.48	....	....	....	....	.80	....	....	....	.81	2.66	.04	12.61
Fulton[2]	Red	....	.07	.99	.71	.07	.07	....	....	....	....	.32	1.38	.05	....	.72	....	.15	.03	....	.98	....	....	....	....	1.05	.07	....	....	2.23	5.10	.46	14.45
Garland[2]	Red	....	T.	.98	.65	....	....	....	....	....	....	.27	1.26	.05	....	.77	....	.36	T.	....	1.05	....	....	....	.23	.85	.19	....	....	.78	1.16	.42	9.02
Georgetown[2]	White	....	.28	.75	.12	.60	.20	....	....	....	....	....	.80	....	....	.65	....	.57	.07	1.30	....	....	....	....	....	.50	.13	....	....	....	.80	.30	7.07
Gilbert[2]	White	....	....	.45	....	.10	.75	....	....	....	....	....	.25	....	....	.15	....	.05	....	3.50	.10	....	....	....	....	1.80	.10	....	....	1.60	2.10	.45	11.40
Glenwood[2]	Ouachita	....	.21	.57	.21	.19	.09	....	....	....	....	....	2.75	....	....	.53	....	.11	.10	.02	1.09	....	....	....	.08	.34	.18	....	....	2.40	6.75	....	15.65
Grannis	Red	.08	1.36	.01	.26	.15	.31	....	....	....	....	.78	.04	....	T.	.49	T.	.64	1.65	1.10	....	....	....	.17	.19	1.44	....	....	....	2.71	2.76	....	14.09
Gravelly[2]	Arkansas	....	T.	1.02	....	.42	.70	....	....	....	....	....	1.99	T.	....	.31	....	1.58	....	2.95	.97	T.	....	....	T.	1.33	.04	....	....	4.25	3.09	.04	18.69
Gravette	Arkansas	....	2.10	....	....	*	1.40	.35	....	....	....	.16	....	....	....	1.35	....	....	.55	1.71	.08	....	....	....	*	1.80	....	....	....	.54	.33	....	10.37
Green Forest	White	.71	.32	....	....	.40	.42	....	....	....	....	T.	.13	....	....	....	....	....	.94	2.71	.09	....	....	....	....	.62	....	....	....	.60	1.45	....	8.39
Green Mountain	White	T.	1.00	.10	....	.80	.65	....	....	....	....	T.	.45	....	....	.35	....	.61	2.45	1.65	.20	....	....	....	....	.70	....	....	....	2.40	2.90	T.	13.76
Greenwood[2]	Arkansas	....	....	.69	....	.25	.30	....	....	....	....	....	2.90	....	....	.25	....	....	....	3.20	.41	....	....	....	....	.58	....	....	....	1.10	2.10	....	11.78
Harrisburg[2]	St. Francis	....	.15	.75	....	.70	....	.20	....	....	....	....	.25	....	....	.55	.50	....	....	.35	.75	....	....	....	....	....	....	....	....	....	.50	.50	5.20
Harrison	White	....	.20	....	T.	.22	.84	....	....	....	....	T.	.61	....	....	.19	....	.31	.67	3.30	.01	....	....	....	....	2.12	....	....	....	.99	2.07	....	11.59
Helena[2]	Mississippi	....	....	1.20	.75	....	....	....	....	....	....	....	.83	....	....	.32	.02	....	.25	....	1.23	....	....	....	.03	.30	2.12	....	....	....	....	1.05	8.10
Henderson[2]	White	....	....	.33	....	.24	1.11	....	....	....	....	....	.14	....	....	.24	....	.39	....	2.78	.66	....	....	....	....	.77	....	....	....	1.96	1.86	.01	10.49
Hollis	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Hope[2]	Red	....	.17	1.32	.61	.07	.09	....	....	....	....	....	2.37	.03	....	.84	....	.04	T.	T.	1.41	....	....	....	.12	1.22	.28	....	....	2.01	2.02	.27	12.87
Hot Springs	Ouachita	T.	.09	.88	....	.21	.38	....	....	....	....	.81	.68	....	....	.73	....	1.75	.08	.62	.74	....	....	....	T.	.33	....	....	....	1.94	4.61	....	13.85
Huttig[2]	Ouachita	....	....	1.01	2.40	....	.03	....	....	....	....	....	1.08	.22	....	.59	....	....	.52	....	.72	....	....	....	.12	.29	.14	....	....	.08	.06	1.07	8.33
Index[2]	Red	....	.10	1.65	.65	.10	....	....	....	....	....	.05	1.50	....	....	.50	....	.50	.40	....	.79	....	....	....	.10	.65	....	....	....	2.25	6.00	.40	15.64

Daily Precipitation for March, 1945 Continued

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Jessieville	Ouachita	•	•	.95		.71	.52					•	1.69			.85		.63	.18	1.30					.06	.60				2.00	5.60	T.	15.09
Jonesboro[2]	White		.13	.73		.42	.43	.03					.08			45		1.08	.01	.95	.81					.28	1.81				.81	.29	8.31
LaCrosse[2]	White			1.43		.49	.67									.34		1.13		2.20	.55					.55				1.12	2.50	.98	11.96
Lake City[2]	St. Francis			.48		.28		.18					.45			.98				.28		.50			.50	1.20					1.25		6.10
Lead Hill	White	T.	.15		T	.23	.76					.04	.05	.23				02	.66	2.99	.01				T.	1.30				.98	1.82		9.24
Little Rock[1]	Arkansas	.09	.82	.18	.14		.12					.51	.36			.47	.47	.39	.02	.64	T			T.	.03	.71				1.50	.51	.03	6.99
Lutherville	Arkansas	.04	•	1.45		.35	.57					.45				.48		.18	2.06	1.76				.05		2.48			3.20	3.88			16.95
Madison[2]	St. Francis		T.	.70	.50								.85			1.10			.30		1.37						2.55				T.	1.45	8.82
Magnolia	Red		.60	1.70								.29	.65			.45		•	.32	•	1.27			•	.32	.15				20	1.22		7.17
Mammoth Spg[2]	White		.82			.37						.35	.40			.39		.52		1.96	1.13					.70			1.52	2.14	•	1.56	11.86
Marianna[2]	St. Francis			1.00	.50			.05					.50		1.10				.32	.05	1.55					•	2.38					2.50	9.95
Marked Tree[2]	St. Francis		.26	.58	.07	.60		.13					.17			.40	.28	.23	.11	.32	1.24					.07	1.80				.70	1.37	8.33
Marshall	White			.75		.25	1.00						.15		.25			.15	2.95		.75					1.40				2.40	2.20	.80	13.05
Marvell[2]	White																																
Mena[2]	Ouachita		.07	1.28		.24	1.00					T.	1.05	T.	T.	.57	T.	.40	T.	3.19	.95	T.			.05	2.08	.04			4.39	2.68	.02	18.01
Monticello[1]	Ouachita		1.46	3.58	.01							.63	.55			.65		.31		.52	.06			.07		.75				.02	1.14		9.75
Morobay[2]	Ouachita		T.	4.33	1.79								.70	.16		.61			.64		.53				.22	.21	.05			.25	.63	1.12	11.24
Morrilton[2]	Arkansas		.10	.60		.25	.62						1.20			.70		.35		1.40	.95					.35	.15			1.80	4.00	.20	12.67
Mountainburg	Arkansas	.03	1.39		T.	.68		.31				.83	.07		.49				1.27	3.08						.90			•	.87	2.26		12.18
Mountain Home	White	T.	.20			.40	.80									.15		.10	.70	2.40						1.80				1.80	2.55		10.90
Mountain Valley	Ouachita	T.																															
Mountain View[2]	White																																
Mount Ida	Ouachita	.10	.58			.53	.42					1.02	1.50			.53		.50	.71	.52	.20			.06		.62				3.80	4.55		15.64
Mulberry[2]	Arkansas		.05	1.03		.13	1.25						.69			.30				3.22	.76				T.	1.75	.05			1.62	1.89	.03	12.77
Nashville	Red		T	1.17	.07							1.01	1.15			.66		.88	.23	1.04	T.				T.		.37			3.02	5.31		14.91
Newhope[2]	Ouachita		.35	.50	.85	.36	.65	15					1.31	.11					.47	.26						1.46	.86			.96	5.00		13.29
Newport[2]	White		.15	.50		.38	.38	.04					.90			.64		.85		1.07	.56					.35	.28			.01	1.43	.17	7.71
Nimrod Dam	Arkansas		.15			85	.72						1.02			.30		.33		1.55	.70					.37	.13			2 30	4.05		12.47
Odell[2]	Arkansas		.18	.88		.10	1.67						.63			.65				3.38	.52				.08	1.19				.57	1.61	.10	11.56
Oden	Ouachita		.26	.60	.30		.70					.90	.92			.31			2.10	1.10				.05		1.47				•	7.01		15.78
Okay	Red	T.	.11	1.18	.05	.04	.11					1.42	.80			.85			.82	.65	.35			T.	.96					2.85	5.70		15.89
Osceola[2]	Mississippi	T	.20	.55	.01	.57	.11							.05		.26	.11	.64	.42	.24	1.10		T.				1.78					2.65	8.69
Ozark[1]	Arkansas		.05	1.19		.18	.71						.77			.18		T.		2.58	.53				.05	.78	.06			1.06	1.98	.16	10.28
Paragould	St. Francis		.31	.58		.64	.27	.01								.53		1.02	.44	.39	.48					1.95				.19	62	.13	7.56
Parkin[2]	St. Francis		.19	.55	.26			.15					1.06			.75	T.	T.	.22	T.	1.03					T.	2.00				2.10	1.12	9.43
Perryville	Arkansas																																
Pine Bluff[2]	Arkansas		T.	1.05	.67	.07	T.	.05					1.70	.05		.45		.15	.18		1.06				.12	1.08	.04				.59	.52	7.78
Pine Ridge[2]	Ouachita		.07	.91	.31		.66					62	.90			.87		.94	3.10	.43	1.23			.03		1.33				3.98	3.59		18.97
Pocahontas	White		.57	.35		.74	.61					.08	.05			.55		1.15	.30	1.82	.16					1.04				1 05	1.53	.10	10.10
Portland[2]	Ouachita			.75	2.00								.75	.55		.72			.25		1.35					.68	.35				.10	2.00	9.50
Prescott[2]	Ouachita		.07	1.13	.68	.06							2.28	.09		.81		.07	.01		1.37				.19	.53	.21			1.78	1.06	.36	10.70
Ratcliff[2]	Arkansas		.03	.94		.19	.87						1.78			.40				4.34	53					.75				1.74	3.96		15.53
Red Star	White		1.40			1.20	.95					.31				.51		.04	1.86		4.09				.07	1.27				1.35	2.25		15.30
Rogers	White	.09	1.00		T.	1.56	1.10					.01				.54			1.96	2.04	.06				.02	.61				.33	.71		10.03
Rosebud	Arkansas																																
Russellville	Arkansas	.05	1.25	.22	.35		.69					.63	.32			.28		1.16	1.16	1.63		.14			.05	1.29				3.72	3.11		16.05
St. Charles	White			1.90	.05	.03	.10					.46	.55			.73		.40	T.		1.47			T.		1.45				T.	2.28	.13	9.55
St. Francis[2]	St. Francis		.15	.82		.85	.17	.52					.22		T.	.35	.16	2.05		1.02	.55						1.97				.64	.34	9.81
Searcy[2]	White		.19	.85		.75	.20	.04					.43			.76		.92		.75	.74					.28	.03			.12	2.42	.12	8.60
Sheridan	Ouachita	.03	.09	1.38	T.	.11	.12					.70	.43			.68		.63	.03	.08	.80				.12	1.07				.93	1.57		8.82
Shirley[2]	White			.95		.53	.84						.25			.40		1.72		1.20	.74					.20				2.05	3.60	.68	13.16
Siloam Springs	White	T.	1.51		T.	.74	.87					.32	T.			1.65			1.72	1.65				T.	1.32	.64				.46	.70		11.58
Sparkman	Ouachita	T.		1.98			.03					1.02	1.25			.70		.25			1.24			•	.50	.51				.55	2.35		10.38
Stamps	Red	.02	.02	2.07	.01	.02	.03					.70	.71			1.04		.25	.02	.74	.54			.05	.07	.42			T.	.44	1.48		8.63
Stephens[2]	Ouachita																																
Steve[2]	Arkansas			1.45		.55	.60					.60	.60							1.90	.81					.51				2.70	4.20		13.92
Story[2]	Ouachita				1.18	.86							2.73			.43				2.40	.73				1.24		.21			3.08	3.58		16.44
Stuttgart[2]	Arkansas			.96	.62		.12	.07					.66	.27		.86			.12		1.47			.08		1.60	.04				.07	1.89	8.83
Stuttgart Evap.	Arkansas			1.41	.16	.04	.07					.50	.40			.76		.08		.21	.87			T.		1.30					1.40		7.20
Sublaco	Arkansas	T.		.89		.19	.55						1.00			.40		.25		1.44	.30					1.54				2 75	2.90	.05	12.26
Sugar Grove[2]	Arkansas			1.30		.61	.48						1.70			.43		.40		2.79	.33					1.14				3.30	2.73		15.21
Texarkana[3]	Red	.08	.57	1.21	.06		.02					.36	1.03		T.	.46	T.	.17	.03	.98				.06	2.19	.08			1.33	5.36	1.34	T.	15.33
Tichnor[2]	White			1.97	.42								1.16			.91				.50	.97				.08	1.29	.43					1.80	9.53
Turnpike	Arkansas	.01	1.48	.01	T.	.82	.40					.27	.24			.42		.11	2.01	1.53	.03			.02	.02	3.19				3.83	3.04		17.43
Viola[2]	White																																
Waldron[2]	Arkansas			1.10		.54	.91						2.32			.37		.15		2.42	.35									3.57	2.43	.08	15.43
Walnut Grove	White	T.	.15	.52			.50	.52				T.	T.			.45		.85	.23	.80	.22					1.21				1.02	1.40	T.	7.11
Warren	Ouachita	T.		5.10	T.							.86	.65	T.		.80		.28	.10		.45				.38	1.81			T.	T.	3.32	.01	12.76
Whitecliffs[2]	Red			.60	.20		.10					.10	1.70			.87		.30	.20	T.	2.95				T.	.75				3.10	5.25	.22	14.34
White Rock	Arkansas		1.05			.64	.60					.66	.30			.52			1.56	2.95				.03	.12	1.28				3.37	2.25		15.33
Wilson[2]	Mississippi		.25	.70		.27		.10								.43	•	•	•	•	•	•	1.35				1.85						4.95
Wynne[2]	St. Francis		.08	.52	.30	.10							.65	.01	.69			.34	.04	•	1.05					2.85				.97	3.82		11.42

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for March, 1945

(See precipitation data in table on preceding page)

Station	Date	Day of month																															Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bethesda	Evap.																																
	Mean tem.	38	50	48	51	62	41	38	42	46	51	49	51	50	54	63	69	68	60	62	46	53	53	55	68	60	65	68	67	68	63	58	55.4
	Wind move	23	70	153	58	190	125	90	55	63	38	76	72	52	62	137	228	132	49	113	169	235	110	136	132	113	164	253	84	159	62	106	3509
Hope Exp. Farm	Evap.	.082	.007	.157	.065	.038	.154	.150	.112	.099	.101	•	.294	.099	.086	.306	.232	.122	.076	.191	.169	.159	.193	.200	.058	.360	.204	.244	.251		.261	.042	4.512
	Mean tem.	45	55	56	58	66	52	42	47	52	56	54	60	58	62	67	71	68	72	70	54	56	59	54	68	64	65	66	66	68	62	58	59.7
	Wind move	48	27	55	30	30	90	100	52	32	12	26	30	33	15	65	63	70	17	65	90	100	41	39	64	78	48	22	40	48	55	33	1518
Nimrod Dam	Evap.																																
	Mean tem.	38			58	58	40	37	46	48	52	48	56	55	56	61	68	63	62	64	52	56	56	50	68	61	64	64	70	67	66	59	56.5
	Wind move																																
Russellville	Evap.	.050	.032	.048	.106	.040	.164	.060	.080	.110	.100	.110	.030	.108	.110	.320	.118	.236	.066	.050	.110	.140	.150	.110	.066	.160	.152	.238	.124			.160	3.348
	Mean tem.	37	53	56	54	62	54	38	46	49	54	58	60	66	58	68	68	72	65	61	54	55	54	63	68	64	66	68	69	70	64	58	58.8
	Wind move	14	29	21	29	28	81	33	20	15	10	17	23	15	26	62	16	33	11	23	85	42	27	25	48	41	21	25	31	20	29	23	923
Stuttgart, Rice Exp. Farm	Evap.	.006	.060	.800	.036	.047	.113	.088	.082	.082	.092	•	.042	.148	.101	.173	.017	.173	.056	.140	.115	.132	.108	.104	.126	046	.125	.298	.215	.123		.095	3.743
	Mean Tem	44	62	64	68	66	63	42	46	50	54	58	52	58	61	70	72	72	69	74	59	54	56	62	71	68	66	67	66	72	66	61	61.6
	Wind move	30	131	75	35	169	160	84	63	24	2	36	61	39	28	157	95	118	67	130	177	128	30	95	160	110	70	40	123	92	55	90	2674

Daily Temperatures for March, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	44	70	65	67	71	70	52	60	68	73	62	58	68	73	79	85	82	74	70	59	65	75	75	76	75	81	81	80	73	69	69	70.0
	Minimum	29	38	41	41	52	36	25	29	29	33	40	51	37	40	50	48	55	52	58	43	42	34	52	59	50	43	47	55	57	55	48	44.2
Arkadelphia /	Maximum	48	77	59	70	80	60	58	64	72	76	58	66	70	79	84	87	76	85	79	60	72	80	70	80	74	87	85	84	80	67	70	72.8
	Minimum	35	36	47	50	51	57	31	30	33	33	35	50	45	42	45	63	55	64	64	48	42	36	60	60	55	45	45	48	50	60	52	47.3
Ashdown	Maximum	59	74	75	67	76	77	56	60	68	74	67	69	69	83	81	80	87	84	70	63	72	78	80	86	76	85	82	77	72	69	66	73.6
	Minimum	37	44	54	54	60	42	33	37	36	40	54	55	46	52	56	58	63	58	62	48	40	41	59	64	54	48	54	54	64	59	50	50.8
Batesville Air	Maximum	46	68	58	62	71	69	47	58	64	69	62	60	68	72	78	83	74	66	74	59	62	70	69	77	73	77	81	79	76	69	70	68.1
	Minimum	30	45	46	41	53	31	27	29	30	36	40	43	36	41	54	55	57	56	56	43	41	34	52	60	56	53	56	55	61	55	46	45.7
Batesville, Livestk	Maximum	48	69	52	65	70	44	48	58	66	71	53	62	68	72	80	83	76	77	57	52	65	73	68	77	65	78	82	81	77	69	71	67.0
	Minimum	25	31	46	40	40	39	23	26	27	29	39	40	32	36	47	51	59	56	55	48	41	33	46	58	55	52	55	53	60	57	46	43.4
Bee Branch	Maximum	44	65	64	63	68	67	53	60	64	72	69	60	67	71	79	82	81	71	70	62	65	72	71	75	74	80	82	80	77	70	72	69.4
	Minimum	29	40	45	45	51	41	25	27	29	33	39	50	35	39	51	48	60	55	56	44	41	32	53	59	53	45	46	48	60	60	60	45.1
Benton /	Maximum	49	77	59	67	76	52	51	61	68	68	74	58	69	75	81	85	80	78	74	56	66	76	68	79	69	78	83	80	78	64	69	69.9
	Minimum	30	39	47	47	47	50	28	29	29	29	32	50	38	39	41	47	54	54	57	47	33	32	34	59	50	45	45	44	54	60	48	43.2
Bentonville /	Maximum	47	61	56	69	67	33	45	57	66	72	64	64	71	71	76	81	73	70	67	55	65	79	70	75	66	78	81	82	71	58	71	66.5
	Minimum	25	31	34	34	41	30	18	18	26	31	33	47	36	36	45	50	52	50	53	39	34	34	36	57	48	44	46	56	56	52	37	39.6
Bethesda /	Maximum	48	69	52	62	72	43	53	58	66	72	56	62	67	72	78	83	76	65	71	50	64	73	68	77	65	78	82	81	75	70	71	67.1
	Minimum	28	31	45	40	52	39	23	25	26	30	42	40	32	35	48	55	61	56	54	42	42	33	42	59	55	52	55	53	60	56	44	43.7
Bluff City	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Blytheville	Maximum	50	74	63	65	73	70	49	52	61	66	67	60	70	72	81	86	79	71	81	61	65	70	73	81	73	80	84	87	80	71	68	70.4
	Minimum	31	46	47	48	52	45	31	29	32	37	43	52	38	44	60	62	62	57	60	57	44	36	49	56	58	51	56	57	62	61	48	48.7
Booneville	Maximum	41	67	70	69	70	68	53	63	71	75	71	69	71	75	83	86	80	75	65	62	69	80	77	77	75	84	85	83	76	65	70	71.8
	Minimum	31	39	42	42	56	32	22	30	28	31	48	52	42	45	54	52	58	57	56	42	34	34	59	64	52	46	58	60	60	56	43	46.0
Brinkley	Maximum	49	76	61	57	76	71	49	57	63	72	65	59	69	73	81	82	77	76	82	60	66	72	69	83	72	79	81	77	80	68	68	70.0
	Minimum	34	49	49	46	57	35	32	32	33	36	41	47	43	45	61	62	60	60	59	44	42	37	54	60	56	55	57	60	64	58	53	49.1
Camden	Maximum	49	78	79	62	78	79	64	63	73	73	74	66	64	76	84	83	82	83	84	82	69	77	77	80	79	92	83	83	81	68	67	75.2
	Minimum	36	44	51	51	55	50	32	43	39	41	49	51	43	48	50	56	61	59	60	59	45	42	58	62	55	53	58	55	63	59	55	51.1
Camp Robinson	Maximum	46	76	70	61	75	64	50	60	67	71	58	60	67	73	83	84	78	71	78	68	66	74	68	80	77	84	84	82	78	67	68	70.6
	Minimum	34	42	40	45	55	35	30	..	..	..	..	48	46	44	53	56	64	63	59	44	43	37	53	62	56	55	58	58	58	57	53	49.9
Conway	Maximum	46	70	69	68	72	71	54	63	71	75	71	61	72	74	83	86	83	72	74	62	69	77	70	76	75	87	87	85	77	70	71	72.3
	Minimum	34	43	53	45	53	40	30	31	34	34	53	51	39	44	54	53	61	60	58	48	42	35	53	61	54	50	53	55	60	60	49	48.1
Corning	Maximum	42	69	68	54	70	71	48	57	63	70	69	60	70	74	81	85	80	72	76	68	67	72	74	80	74	82	85	84	80	76	72	71.1
	Minimum	29	35	46	37	51	41	28	28	29	36	41	50	34	41	58	55	63	54	57	44	44	35	51	56	56	49	59	59	60	57	46	46.1
Crossett	Maximum	52	81	80	68	81	80	64	64	71	75	75	64	62	77	82	85	81	84	83	80	70	79	68	85	80	85	82	82	81	78	67	75.7
	Minimum	32	48	53	54	59	63	34	39	31	31	42	52	54	42	65	60	71	62	66	50	37	32	50	62	54	46	36	50	65	58	51	50.0
Cummins Farm	Maximum	49	69	76	59	79	75	50	56	69	72	64	59	67	75	82	82	77	81	82	69	65	73	66	81	78	81	80	81	81	69	66	71.4
	Minimum	32	54	53	48	56	41	32	34	34	35	44	52	47	49	59	61	65	59	61	48	40	37	51	57	57	53	51	52	66	60	54	49.7
Dardanelle	Maximum	42	65	64	66	70	69	58	60	66	72	71	67	69	74	83	86	85	75	66	63	68	75	75	74	74	85	85	84	81	72	70	71.4
	Minimum	32	41	42	46	53	38	28	32	32	35	46	53	44	47	55	54	61	58	57	46	41	36	56	63	54	49	65	59	60	59	48	48.1
De Queen	Maximum	49	69	64	64	72	70	57	67	68	73	68	67	69	75	81	84	78	80	78	70	73	77	73	74	73	83	82	83	79	69	66	72.1
	Minimum	36	42	53	47	58	38	30	32	32	35	49	54	43	48	50	51	58	55	59	45	33	36	59	63	52	43	49	50	50	58	46	46.9
Des Arc	Maximum	47	77	75	56	74	82	47	55	62	69	69	61	66	71	82	80	77	71	79	79	61	71	70	79	75	78	83	77	77	73	68	70.7
	Minimum	33	41	51	42	51	45	31	34	36	38	45	50	44	46	58	61	60	58	59	49	43	40	57	60	58	53	56	59	63	61	53	49.5
Devils Knob	Maximum	33	56	59	58	59	59	47	56	61	66	58	61	63	63	73	71	71	63	59	57	60	68	60	65	57	74	78	76	67	59	67	62.1
	Minimum	26	33	39	43	49	25	18	30	40	47	49	39	44	46	50	59	51	56	51	37	34	47	53	56	46	49	56	56	55	50	44	44.1
Dumas	Maximum	51	83	76	69	80	75	54	68	67	72	65	60	68	78	84	84	77	83	85	76	70	77	69	86	80	85	83	80	81	71	69	74.4
	Minimum	34	48	54	51	56	53	34	34	34	36	43	53	49	50	65	64	66	60	67	50	42	38	52	60	57	53	54	53	66	61	53	51.3
El Dorado	Maximum	50	81	75	65	71	75	70	69	69	75	65	71	73	75	83	86	81	83	81	75	65	78	72	81	76	85	84	83	82	71	66	74.7
	Minimum	37	49	52	53	43	45	33	35	37	40	52	53	53	59	59	62	63	65	63	48	42	38	58	46	55	52	54	55	52	56	53	50.7
England	Maximum	47	78	78	78	75	78	50	57	64	71	62	58	65	75	84	84	80	80	73	68	67	68	71	83	82	81	86	81	82	69	67	72.3
	Minimum	31	43	52	46	55	43	29	30	36	31	44	50	41	41	54	55	61	63	63	41	42	45	52	65	58	54	62	64	71	61	54	49.6
Eureka Springs	Maximum	45	62	60	71	71	49	43	55	66	70	65	63	73	72	76	85	78	69	65	63	63	75	70	76	69	78	82	83	78	67	70	68.1
	Minimum	27	37	33	40	49	25	17	24	32	36	51	47	39	48	53	56	54	57	54	37	34	40	58	61	49	50	62	60	60	53	40	44.6
Fayetteville	Maximum	48	61	62	69	68	45	52	59	68	71	65	66	71	70	77	82	76	69	66	63	65	74	69	77	68	79	82	82	73	64	74	68.2
	Minimum	29	40	35	42	45	25	20	28	28	31	48	48	36	49	52	60	53	58	56	38	32	33	58	61	50	50	60	59	61	53	43	44.5
Fayetteville Exp. S	Maximum	45	61	60	66	70	52	47	55	67	71	67	65	70	69	76	80	76	74	67	65	63	72	70	75	67	77	79	80	76	65	72	67.7
	Minimum	26	36	33	38	52	24	19	25	27	33	47	47	35	47	50	57	51	50	54	37	30	33	56	62	49	48	61	57	60	52	40	43.1
Fordyce	Maximum	48	79	76	62	78	75	57	63	69	75	67	64	66	77	85	84	80	82	81	72	72	79	70	79	70	85	84	82	80	67	67	73.4
	Minimum	33	46	53	51	57	55	31	34	36	51	52	53	46	50	56	64	62	62	60	49	38	45	59	61	55	52	50	58	63	60	53	51.5
Fort Smith	Maximum	42	64	61	64	66	41	53	61	70	73	61	70	71	74	79	83	75	64	67	59	68	79	70	76	70	84	84	80	71	65	70	68.2
	Minimum	33	42	42	46	56	31	28	37	35	40	48	56	48	50	55	57	59	60	50	44	44	44	63	63	54	54	60	62	59	57	49	49.3
Gilbert	Maximum	53	67	57	69	72	40	50	63	69	73	60	67	72	73	82	85	80	68	67	64	67	80	70	77	66	82	84	82	73	58	74	69.2
	Minimum	26	28	40	38	43	36	20	20	22	22	27	37	36	35	34	43	44	47	54	48	35	28	28	57	53	44	44	52	58	56	40	38.5
Grannis	Maximum	44	64	63	65	68	67	60	65	69	73	65	65	70	71	79	81	78	74	74	60	70	76	66	69	70	82	80	75	73	66	66	69.3
	Minimum	32	39	50	43	54	33	26	29	32	40	45	50	42	44	47	51	53	54	56	41	34	40	53	59	48	42	49	62	58	55	46	45.4
Gravette	Maximum	46	62	61	67	69	41	46	56	67	71	68	64	70	70	75	80	76	70	70	68	64	75	70	77	67	79	82	82	76	64	72	67.9
	Minimum	28	36	31	38	38	22	16	26	28	33	46	48	40	46	50	60	49	48	54	37	29	35	58	59	49	46	61	57	57	54	36	42.4
Green Mountain	Maximum	40	64	58	64	67	64	42	56	65	65	65	65	68	74	78	85	79	71	68	59	65	72	66	74	70	79	82	82	75	72	75	68.0
	Minimum	27	37	38	41	46	34	20	28	33	35	40	46	41	46	50	60	60	57	55	38	38	45	54	55	52	50	59	60	56	52	47	45.2
Harrison	Maximum	41	62	60	70	68	63	49	57	68	71	60	67	71	71	79	82	79	70	67	64	64	70	72	73	72	80	82	83	72	67	73	68.6
	Minimum	29	37	37	40	52	28	19	25	25	31	42	48	34	40	55	54	58	53	52	41	36	31	52	60	53	49	53	60	61	55	40	43.5
Helena	Maximum	53	79	77	60	78	77	51	55	61	72	68	58	69	74	81	85	81	77	82	71	63	70	71	83	81	78	80	79	78	75	66	72.0
	Minimum	31	48	53	47	56	50	33	34	33	40	48	52	47	49	64	67	63	60	67	50	44	39	53	60	55	50	57	57	68	59	55	51.3
Hope	Maximum	58	72	58	62	79	56	55	63	70	76	69	67	69	75	82	85	73	85	75	61	70	80	68	77	73	83	83	79	81	67	65	71.5
	Minimum	32	38	53	53	54	48	30	31	33	37	39	52	47	48	52	57	64	59	66	48	41	38	40	60	54	47	49	52	54	58	52	47.9
Hot Springs	Maximum	45	71	69	70	72	75	57	66	70	76	73	60	70	76	81	84	83	73	73	65	70	78	78	74	85	84	82	90	89	72	71	73.6
	Minimum	31	40	53	36	55	39	27	31	36	41	48	53	42	48	54	60	62	61	59	43	43	42	56	60	53	50	60	56	61	56	49	48.5
Jonesboro	Maximum	46	71	70	63	72	71	46	55	63	68	65	59	69	72	81	85	79	72	80	66	65	71	72	80	79	79	82	81	81	71	70	70.5
	Minimum	30	43	49	39	52	43	29	31	31	42	41	50	38	42	58	57	63	60	57	47	43	37	49	54	56	47	56	54	59	59	49	47.3
Lead Hill	Maximum	41	66	59	69	69	64	48	57	68	72	63	67	71	74	80	84	77	70	67	65	62	71	74	76	75	81	85	86	77	69	71	69.6
	Minimum	26	39	38	38	53	29	20	24	24	29	37	48	31	37	55	43	59	50	54	43	39	29	45	62	53	48	51	51	61	55	38	42.2
Little Rock	Maximum	44	76	61	58	76	71	48	60	62	69	59	57	65	74	82	85	76	73	78	58	66	72	69	79	77	88	84	81	77	66	67	69.3
	Minimum	34	44	50	46	55	35	30	34	36	41	49	50	46	45	57	56	64	63	58	46	45	41	54	62	56	54	60	60	63	58	54	49.9
Lutherville	Maximum	40	61	63	63	66	65	54	60	66	71	61	70	67	69	81	83	78	70	63	59	67	73	63	71	72	82	85	80	70	73	72	68.3
	Minimum	29	39	45	43	54	39	42	39	42	47	44	53	48	45	52	52	52	57	52	43	42	39	54	59	51	47	55	58	56	43	47	47.4
Magnolia	Maximum	50	79	75	65	76	76	58	64	70	74	71	71	64	76	83	85	85	84	81	61	69	77	71	79	77	84	83	81	83	75	66	74.0
	Minimum	37	49	54	53	60	50	32	38	37	41	53	54	49	50	56	61	62	62	60	48	39	40	58	63	54	49	55	64	69	59	50	51.8
Mammoth Spring	Maximum	46	62	63	63	67	67	45	58	66	69	62	65	70	72	78	83	78	75	74	70	67	75	75	76	75	72	78	70	84	78	74	69.6
	Minimum	25	42	42	42	41	35	24	26	41	31	50	33	40	35	45	60	64	51	49	35	31	42	52	60	56	48	50	56	62	55	54	44.4
Marianna /	Maximum	51	77	77	58	77	68	65	55	62	71	68	58	68	72	81	81	74	77	83	68	62	70	67	83	70	80	79	78	78	78	66	71.0
	Minimum	31	50	55	47	64	65	33	35	36	38	45	52	44	45	60	63	67	59	64	53	44	36	51	58	60	49	52	55	65	63	56	51.5
Marked Tree /	Maximum	54	73	58	60	72	68	45	55	62	70	66	59	69	72	80	84	78	72	80	58	64	70	72	83	65	80	82	80	80	69	70	69.4
	Minimum	31	31	53	42	41	57	31	30	32	33	37	43	41	41	45	60	63	59	59	57	44	37	37	52	59	50	50	54	56	60	53	46.4
Marshall /	Maximum	65	64	71	75	59	58	48	57	75	68	67	69	75	82	80	77	83	70	66	64	76	67	74	65	77	82	83	70	72	72	61	70.1
	Minimum	38	41	40	40	36	22	25	28	36	36	48	40	49	45	55	61	60	54	46	38	34	34	61	53	52	59	60	61	57	56	55	45.8
Mena	Maximum	43	63	70	71	66	61	58	62	71	76	73	65	72	64	80	86	79	72	68	58	70	79	74	74	71	84	83	80	73	65	69	70.6
	Minimum	33	40	40	46	55	34	25	30	32	36	50	52	40	45	51	58	55	54	57	40	38	38	55	61	48	47	56	56	56	55	46	46.1
Monticello	Maximum	55	81	65	63	79	72	61	60	67	74	63	62	63	77	85	83	76	84	86	85	68	77	67	86	75	82	82	83	80	72	69	73.6
	Minimum	35	41	55	52	59	61	34	37	40	40	52	54	52	51	62	61	64	62	68	50	41	40	57	61	56	53	56	58	68	61	55	52.8
Morrilton /	Maximum	45	73	65	67	80	50	54	64	71	72	62	65	73	77	83	90	81	71	78	66	68	80	71	77	70	87	89	87	76	73	73	72.2
	Minimum	31	38	45	47	48	42	28	30	32	33	37	47	41	43	47	55	62	57	57	46	44	36	45	57	54	51	52	57	60	59	49	46.1
Mountain Home	Maximum	42	63	58	67	66	64	45	58	66	70	61	65	68	72	80	84	78	62	63	54	64	76	73	73	74	81	83	83	78	70	72	68.2
	Minimum	26	39	39	44	45	30	21	26	26	32	36	38	42	45	56	51	60	53	55	45	38	31	49	62	53	47	55	58	60	55	41	43.8
Mt. Ida	Maximum	46	68	65	68	72	72	56	58	71	74	67	62	69	75	82	82	75	75	75	69	69	78	68	76	71	80	85	81	76	68	69	71.0
	Minimum	31	41	46	42	56	34	24	24	24	27	42	52	42	42	55	54	52	49	59	44	33	28	56	52	62	38	52	61	60	58	46	44.7
Nashville	Maximum	47	75	66	66	76	77	58	65	69	73	72	66	69	76	81	85	81	85	79	65	71	77	74	75	75	83	84	79	80	69	69	73.1
	Minimum	36	43	52	48	58	43	31	35	33	37	50	54	45	45	52	51	61	52	61	46	36	37	59	63	53	43	48	48	61	58	48	48.0

Daily Temperatures for March, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	47	73	65	65	71	48	48	56	64	71	64	60	69	73	80	84	77	71	77	65	66	72	70	79	65	83	81	80	79	72	71	69.2
	Minimum	34	43	54	43	53	41	32	33	35	38	41	52	43	45	59	55	66	58	58	49	46	40	55	60	62	57	59	58	64	61	53	49.9
Nimrod Dam/	Maximum	47	..	66	73	71	41	48	62	69	74	60	64	70	73	82	85	76	68	72	58	67	77	66	76	69	81	83	82	75	64	69	68.9
	Minimum	30	35	..	44	45	40	26	30	27	31	36	49	40	40	40	50	50	55	57	46	43	35	33	60	53	46	46	59	59	68	49	44.1
Oden	Maximum	45	64	66	68	70	69	58	64	70	74	66	66	71	74	80	83	75	73	67	61	69	79	77	72	71	83	83	82	77	65	68	70.6
	Minimum	33	41	46	45	66	35	25	29	29	32	47	55	41	41	51	49	56	55	61	44	42	33	60	61	52	45	61	59	57	57	54	47.2
Okay	Maximum	52	75	73	68	77	77	65	64	67	72	74	70	72	73	80	83	87	87	82	63	73	77	77	78	77	83	83	82	78	72	71	74.6
	Minimum	36	42	53	51	59	41	30	35	36	39	52	54	45	49	54	58	57	57	61	46	40	38	58	52	51	46	54	50	61	58	50	48.8
Ozark	Maximum	40	60	65	65	65	65	55	63	68	72	70	71	70	71	80	85	78	73	65	64	68	75	74	72	73	84	85	83	76	76	70	70.4
	Minimum	30	40	43	45	54	35	24	32	30	34	46	52	45	46	52	51	56	60	53	44	36	36	51	61	47	45	50	53	57	55	45	45.4
Paragould	Maximum	47	68	68	60	71	70	44	52	69	64	65	60	66	72	76	82	77	68	77	66	63	67	70	80	75	76	79	78	78	71	67	68.6
	Minimum	30	44	48	41	52	43	29	32	29	38	37	51	38	40	59	52	65	57	57	46	45	34	46	55	57	48	51	55	62	60	55	47.0
Perryville	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Pine Bluff	Maximum	48	81	79	67	78	76	54	61	68	74	64	56	70	78	85	85	70	71	71	64	70	76	74	86	86	86	81	84	83	73	67	73.1
	Minimum	35	47	54	49	57	52	33	38	36	38	46	54	46	49	54	56	54	64	64	51	42	41	56	61	57	54	52	56	57	54	54	50.4
Pocahontas	Maximum	46	67	64	61	70	69	49	55	61	68	67	60	68	72	79	83	82	72	74	69	66	69	72	79	79	82	81	81	78	74	71	69.9
	Minimum	29	42	46	38	51	41	29	28	29	42	39	46	39	40	57	50	64	52	57	47	43	35	51	56	57	47	52	57	61	57	45	46.0
Portland	Maximum	54	80	73	66	79	76	63	60	66	74	65	61	64	77	82	82	79	82	84	76	70	78	70	85	78	81	82	83	82	76	67	74.0
	Minimum	34	39	53	53	60	62	37	38	36	37	40	53	54	47	63	68	70	63	68	50	42	42	55	61	55	53	51	72	67	58	57	52.8
Prescott	Maximum	46	77	75	64	78	77	56	63	70	75	75	66	68	76	82	84	82	84	82	62	72	78	77	78	77	83	83	82	78	70	67	73.8
	Minimum	36	45	54	52	59	47	31	35	37	39	52	53	47	48	56	58	65	61	61	48	41	41	59	62	54	48	56	53	62	59	53	50.7
Rogers	Maximum	45	65	59	69	69	42	45	56	67	72	66	67	71	70	73	83	76	70	67	65	65	74	70	77	67	78	81	83	73	64	72	67.8
	Minimum	27	37	33	38	40	24	18	25	28	34	46	47	35	45	50	50	51	50	55	37	31	35	54	52	49	47	59	55	61	54	38	42.1
Russellville	Maximum	43	65	65	66	70	69	52	62	67	72	71	68	70	73	82	85	84	74	66	63	68	75	74	74	76	84	84	83	80	70	70	71.1
	Minimum	31	41	46	43	54	38	25	31	31	36	44	53	42	44	55	50	60	56	56	45	41	34	52	63	53	47	51	55	59	58	46	46.5
St. Charles	Maximum	50	80	80	60	79	79	58	58	64	72	74	59	68	75	84	85	80	79	85	75	65	72	70	84	84	82	84	84	82	76	68	74.0
	Minimum	31	42	52	47	54	51	32	34	37	38	43	50	46	47	61	62	61	57	66	49	44	42	55	60	54	54	56	58	67	58	56	50.5
Searcy	Maximum	49	74	62	62	74	72	50	58	65	70	63	60	69	74	82	84	78	70	78	62	67	75	72	81	77	83	83	81	77	72	70	70.8
	Minimum	32	43	49	42	53	45	29	31	33	35	40	52	42	43	55	55	62	60	58	48	40	37	52	60	56	52	55	52	61	58	50	47.7
Sheridan	Maximum	46	77	76	63	77	75	50	60	67	74	68	54	70	76	83	85	79	81	78	64	68	76	71	80	72	84	83	80	80	66	68	72.0
	Minimum	32	43	54	47	55	47	30	34	32	35	49	52	40	43	55	57	62	62	63	49	35	35	57	58	55	51	54	54	62	61	49	48.8
Siloam Springs	Maximum	45	61	59	67	69	36	48	55	66	70	66	69	70	70	75	81	75	70	70	54	64	74	70	76	67	80	73	81	70	65	72	66.7
	Minimum	29	51	33	35	35	24	19	26	29	34	45	49	38	48	50	59	51	50	52	38	31	34	58	57	49	43	61	60	61	53	38	43.2
Stuttgart	Maximum	49	80	76	59	77	77	50	57	64	71	68	57	69	75	82	84	80	79	80	72	65	73	70	83	80	81	81	80	81	73	68	72.3
	Minimum	33	47	55	48	56	46	33	35	35	38	44	53	46	48	59	60	64	50	66	50	44	40	52	60	58	54	53	55	64	61	53	50.3
Stuttgart Evap.	Maximum	53	78	74	78	76	75	49	55	63	71	70	57	68	73	80	81	79	78	81	68	64	72	70	81	78	80	79	78	79	71	67	71.8
	Minimum	34	46	55	58	56	51	34	36	36	36	46	46	47	49	60	62	64	60	66	50	43	40	55	61	58	52	55	55	65	61	55	51.4
Subiaco	Maximum	40	63	65	67	69	69	51	68	64	71	69	66	70	72	80	85	80	72	67	61	71	75	74	75	73	82	85	84	77	64	71	70.3
	Minimum	30	39	41	44	54	33	25	32	32	36	46	54	45	45	56	54	60	59	55	43	41	37	60	64	53	52	55	56	60	56	47	47.2
Texarkana	Maximum	50	76	62	65	77	71	57	62	70	75	62	69	67	71	81	83	75	83	72	62	70	76	68	77	74	83	82	77	80	70	65	71.4
	Minimum	39	49	55	53	65	36	32	38	39	43	54	55	49	53	55	62	62	60	52	46	42	44	58	64	54	51	56	57	62	57	53	51.5
Turnpike	Maximum	36	57	63	60	63	64	49	57	64	68	57	60	68	66	77	78	74	63	60	57	61	70	61	68	65	72	78	80	68	61	68	64.3
	Minimum	26	31	38	39	47	26	17	27	36	44	41	44	41	44	48	57	55	55	49	37	36	43	52	55	46	47	50	53	52	50	42	42.8
Waldron	Maximum	42	68	70	69	70	68	58	60	69	75	72	69	70	75	82	85	81	74	66	61	67	78	74	78	74	84	84	81	77	65	70	71.5
	Minimum	32	40	42	44	56	32	23	28	27	30	46	52	40	41	53	48	56	51	57	42	44	32	59	63	51	42	54	57	59	56	44	45.2
Warren	Maximum	52	82	80	63	79	78	64	62	68	66	74	64	65	78	85	84	82	82	85	80	70	78	75	85	82	88	84	82	80	71	67	75.3
	Minimum	36	49	54	53	60	60	34	38	35	36	37	54	50	49	60	67	65	62	70	50	43	38	58	60	58	56	53	55	69	61	55	52.4
White Rock	Maximum	35	57	61	59	60	59	54	59	62	66	61	65	64	65	73	79	72	66	61	55	63	69	65	63	64	76	79	78	67	62	66	64.0
	Minimum	24	33	37	43	49	24	19	30	37	45	41	47	44	46	48	59	51	56	52	35	36	46	53	53	45	47	57	55	54	49	42	43.8
Wilson	Maximum	54	75	73	72	74	71	48	52	53	65	68	70	70	72	79	86	84	79	75	61	63	69	73	73	76	84	84	84	81	81	80	71.9
	Minimum	34	40	43	39	54	43	28	27	27	34	36	40	45	45	62	55	53	53	51	51	41	35	46	48	51	49	65	73	61	60	59	46.7
Wynne/	Maximum	56	77	70	64	74	53	48	55	66	73	61	61	71	74	83	84	79	73	81	57	65	72	71	84	61	82	83	80	79	68	70	70.2
	Minimum	31	35	44	44	43	52	30	31	33	38	44	50	41	45	51	61	66	60	61	54	44	30	55	55	60	50	56	58	59	59	52	48.1

Daily River Stages for March, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	15.7	15.8	20.1	22.9	22.3	20.7	20.0	19.1	18.1	16.9	15.0	15.2	17.0	16.7	15.1	21.5	22.9	21.6	24.2	28.5	29.3	28.0	26.2	23.9	22.2	21.2	20.1	21.4	20.8	22.0	22.0
Van Buren	do	22	16.2	16.2	20.0	23.8	23.3	21.6	20.7	19.8	18.8	17.6	15.6	15.6	17.3	17.2	15.8	21.6	23.5	22.4	25.3	29.0	29.8	28.8	27.3	24.9	23.2	22.4	21.1	22.2	21.9	21.9	23.1
Danville	Petit Jean	20	26.2	24.8	24.2	24.8	24.0	22.9	22.4	22.3	21.3	19.9	17.3	17.2	21.1	23.2	22.8	21.4	21.1	21.3	22.1	25.0	25.8	24.0	22.0	20.3	19.9	21.8	22.3	21.0	21.3	24.5	29.5
Ozark	Arkansas	22	13.0	12.8	16.3	19.0	19.0	17.8	16.5	15.7	14.5	13.7	12.0	11.4	13.0	13.0	11.9	13.6	17.8	17.4	20.5	24.5	25.2	25.0	23.4	20.9	19.0	18.0	16.6	16.6	17.5	18.0	19.8
Dardanelle	do	22	18.1	16.9	20.2	22.6	23.2	22.4	21.4	20.0	18.8	17.5	16.3	14.9	15.3	16.5	15.8	14.2	20.0	21.4	23.2	27.8	28.5	28.6	27.7	26.0	24.3	23.2	21.3	19.8	21.2	24.4	27.1
Morrilton	do	20	15.2	14.4	15.8	18.7	19.4	19.2	18.6	17.6	16.5	15.4	14.2	12.8	12.2	13.5	13.3	12.4	15.4	17.8	18.9	22.5	23.7	24.1	23.9	23.2	22.6	20.8	19.4	17.8	18.0	21.6	23.6
Little Rock	do	23	17.7	16.4	16.1	18.6	19.6	19.8	19.4	18.5	17.7	16.9	15.9	14.9	13.9	14.1	14.8	14.2	14.0	17.8	18.7	21.0	23.0	23.8	23.9	23.3	22.3	21.6	20.7	19.5	18.8	21.1	23.1
Pine Bluff	do	25	21.0	20.0	19.1	19.6	22.1	22.8	22.8	22.1	21.2	20.4	19.6	18.9	17.9	17.4	18.0	18.4	17.5	19.6	21.5	22.8	25.1	26.5	26.6	26.6	26.3	25.0	24.3	23.3	22.4	22.7	24.7
Gilbert	Buffalo	30	7.7	7.7	19.0	9.7	7.9	9.0	10.5	8.0	7.0	6.3	6.0	5.6	5.6	5.4	5.2	5.4	5.2	5.0	21.4	19.5	9.5	7.7	6.9	6.4	12.5	10.0	7.9	7.0	10.1	17.0	18.8
Black Rock	Black	14	23.4	22.4	23.1	23.9	23.6	23.8	24.6	24.9	24.2	23.8	23.6	23.2	22.8	22.3	22.1	21.7	21.9	21.6	22.3	24.6	24.6	23.3	22.3	22.1	22.0	22.3	22.3	22.1	21.8	22.6	25.8
OzarkBeachMo	White	30	14.8	10.6	14.3	19.2	16.8	15.2	16.0	16.3	12.0	9.6	8.1	7.2	6.6	6.0	5.6	5.3	5.0	4.9	10.0	19.2	22.0	19.6	11.4	8.8	8.0	8.1	8.8	8.7	7.5	7.1	11.4
Cotter	do	21	16.3	16.2	14.4	17.3	20.3	18.5	19.7	18.4	17.3	13.2	10.7	9.4	8.5	7.8	6.2	6.9	6.6	6.4	12.4	18.6	21.5	22.8	20.2	12.6	11.0	12.3	10.7	10.8	11.0	12.0	15.0
Calico Rock	do	18	18.1	18.7	19.1	21.5	21.2	20.0	21.4	20.2	18.8	16.0	12.7	11.0	10.2	9.4	8.9	8.5	8.2	8.0	14.7	27.8	25.2	24.1	22.9	16.4	12.6	17.7	14.4	12.6	14.6	20.1	29.4
Batesville	do	23	26.9	24.4	25.9	26.8	27.3	27.2	26.8	27.5	25.8	24.4	21.1	18.8	17.3	16.3	15.8	15.3	17.4	15.6	20.0	29.5	31.4	29.8	29.2	27.3	21.3	21.2	23.0	20.1	19.3	25.4	33.1
Newport	do	26	30.3	30.3	30.2	30.4	30.5	30.7	30.8	30.7	30.8	30.5	30.0	29.1	28.3	27.3	26.6	26.0	25.4	25.4	25.2	27.2	29.7	31.1	31.5	31.2	30.4	29.0	28.6	28.2	27.4	27.8	29.8
Augusta	do	32	34.3	35.2	35.7	35.9	36.1	36.3	36.3	36.3	36.3	36.3	36.2	35.9	35.5	35.0	34.5	34.0	33.6	33.3	33.2	33.1	33.4	34.2	35.3	36.1	36.3	36.1	35.5	35.0	34.6	34.3	34.3
Georgetown	do	21	26.1	27.0	28.0	28.6	29.1	29.5	29.6	29.7	29.8	29.8	29.7	29.6	29.4	29.0	28.5	28.0	27.6	27.2	26.8	26.6	26.6	26.8	27.4	28.1	28.8	29.1	29.1	28.7	28.4	28.1	28.0
Des Arc	do	24	28.0	29.3	30.7	31.8	32.8	33.4	34.0	34.3	34.4	34.5	34.5	34.5	34.4	34.0	33.6	33.2	32.6	32.1	31.6	31.4	31.4	30.9	31.0	31.4	32.2	32.9	33.3	33.3	33.1	32.9	32.7
Clarendon	do	26	27.8	28.6	29.4	30.2	30.8	31.3	31.8	32.2	32.5	32.8	33.0	33.2	33.3	33.4	33.4	33.4	33.2	33.1	32.9	32.8	32.6	32.3	32.2	32.1	32.2	32.3	32.5	32.7	32.8	33.0	33.1
St. Charles	do	25	24.2	24.8	25.5	26.5	27.3	28.1	28.8	29.5	30.0	30.6	31.0	31.3	31.7	32.0	32.3	32.5	32.7	32.8	33.0	33.1	33.2	33.3	33.5	33.7	34.0	34.4	34.5	34.6	34.7	34.8	35.0
Glenwood	Caddo	..	7.2	6.8	7.5	6.9	7.2	6.9	6.7	6.6	6.4	6.3	6.2	8.3	7.3	6.7	6.9	6.5	6.9	6.6	7.1	7.6	6.9	6.6	6.4	6.4	6.4	6.4	6.4	6.3	10.2	25.4	8.9
Arkadelphia	Ouachita	17	24.8	21.8	18.4	18.6	17.9	15.6	14.2	13.3	13.1	10.5	9.9	12.4	19.3	19.0	15.2	15.1	13.6	13.9	12.7	20.3	22.3	20.3	15.1	12.2	11.8	10.6	11.8	11.5	10.5	22.1	29.9
Boughton	Little Mo	20	22.0	20.3	18.6	18.3	18.7	17.7	16.3	14.0	12.3	11.5	9.4	13.8	17.3	19.5	17.9	16.6	15.8	15.3	15.5	16.4	18.0	18.4	16.4	16.1	11.4	13.1	14.2	13.1	12.3	19.1	27.1
Camden	Ouachita	26	34.6	34.9	36.9	38.2	37.8	37.1	36.2	35.2	34.3	33.2	32.1	31.0	30.0	30.2	31.2	32.2	32.8	33.0	32.6	32.3	31.9	32.1	32.9	33.6	33.8	33.1	32.0	30.8	29.6	28.9	29.5
Benton	Saline	20	14.7	11.9	14.4	13.9	11.3	10.5	10.5	9.6	8.9	8.3	8.0	10.4	12.9	10.4	10.4	12.1	10.8	10.8	10.4	14.8	13.4	10.4	9.3	8.7	8.4	8.5	8.2	7.7	7.4	22.3	23.5
Index	Red	25	24.0	24.4	23.2	22.2	23.0	25.5	20.5	20.2	19.8	18.2	16.7	15.8	17.6	18.8	19.1	18.0	17.4	18.8	20.4	22.6	22.8	22.6	22.4	22.2	21.4	20.5	19.6	18.6	18.4	23.9	27.5
Fulton	do	25	29.4	30.4	30.5	30.3	30.1	30.0	29.4	28.7	28.2	27.2	25.7	24.5	24.5	25.1	25.4	24.4	23.1	23.5	24.6	26.8	27.3	27.5	27.8	28.1	28.0	27.6	26.7	25.8	25.3	28.6	32.2
Big Lake Outlet	St. Francis	10	12.7	13.1	13.5	13.9	14.5	14.8	15.2	15.5	15.7	15.8	15.8	15.7	15.5	15.3	15.0	14.7	14.6	14.4	14.6	14.7	15.0	15.4	15.6	15.6	15.6	15.6	15.9	16.2	16.4	16.4	16.4
St. Francis	do	18	18.1	18.3	19.4	19.6	19.4	19.5	19.6	18.9	18.5	18.1	17.6	16.6	15.0	13.5	13.4	14.9	16.5	17.3	17.8	19.1	19.6	19.9	20.2	20.1	19.8	20.3	20.0	19.9	20.1	20.2	20.2
St. Francis L.L.	do	..	22.9	23.0	23.5	23.9	24.1	24.4	24.6	24.7	24.9	25.1	25.2	25.3	25.4	25.3	25.3	25.1	25.0	24.9	24.8	25.7	24.6	24.7	24.8	24.9	25.1	25.5	25.5	25.7	25.8	26.1	26.3
Marked Tree	do	17	11.2	11.3	10.4	9.8	9.7	9.8	9.8	9.5	9.2	8.7	8.3	8.0	7.8	8.4	9.2	9.4	9.5	9.6	9.8	10.4	11.0	10.4	9.8	9.4	7.4	8.0	9.5	10.2	10.4	10.4	11.2
Parkin	do	28	17.1	18.1	18.8	19.4	19.7	20.1	20.5	20.7	20.6	20.5	20.5	20.7	21.0	21.3	21.7	22.3	22.6	22.9	23.1	23.6	24.1	24.2	24.3	24.2	24.0	24.8	25.2	25.6	25.9	26.4	27.0
Madison	do	32	19.5	20.5	21.5	22.3	23.0	23.4	24.1	24.5	24.9	25.0	25.8	26.2	26.7	26.9	26.9	27.7	28.1	28.4	28.7	29.2	29.4	29.6	29.8	29.9	30.1	30.6	30.8	31.1	31.3	31.6	32.1
Helena	Mississippi	42	35.0	35.9	36.8	37.5	38.1	38.7	39.1	39.7	40.2	40.9	41.6	42.5	43.3	43.8	44.4	44.9	45.2	45.4	45.6	45.8	46.2	46.4	46.6	46.8	47.1	47.4	47.7	47.8	47.9	48.0	48.1
Arkansas City	do	42	30.5	31.4	32.4	33.0	33.4	33.7	34.5	35.2	35.7	36.4	36.6	36.8	37.5	38.1	38.6	39.1	39.7	40.3	40.6	41.2	41.4	41.9	42.6	43.1	43.6	44.1	44.3	44.3	44.3	44.3	44.3

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., trace or 0.001 inch or less. [a],[b],[c], etc., number days missing, example, [b]indicates 2 days missing. §Partly interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 11:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature thereof is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Sparkman, Rt. Sparkman; Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—5-15-1945—1100

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Nat. Hist. Lab.

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. L LITTLE ROCK, ARK., APRIL, 1945 No. 4

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents Washington. D. C.

GENERAL SUMMARY

April weather was mild and wet. Temperatures averaged above normal at practically all stations. Cool weather was experienced from the 4th to 7th, with freezing temperatures on some mornings in the northern section. Another comparatively cool period prevailed on the last five days of the month, and killing frost was observed in some localities. Most stations reported their warmest weather between the 11th and 15th, and their highest temperatures of the month on the 13th.

Precipitation averaged about two and one half inches above normal for the State as a whole. Many stations in the north and northwestern sections measured more than ten inches during the month. Rainy days occurred at frequent intervals, and the number of days with a measurable amount of precipitation averaged considerably above normal. The heaviest rains occurred on the 1st, many stations measuring more than four inches in a 24 hour period.

These heavy rains, following the excessively heavy precipitation in March, resulted in continued high stages on the rivers in the State. Disastrous floods occurred on the Red, White, and Ouachita rivers, and considerable flooding occurred along the Arkansas River. Thousands of acres of fertile land in these valleys were flooded, and many residents were forced to move from their homes. Much highway and rail traffic was detoured over other routes.

Tornadoes killed 22 people, injured many more, and caused considerable property destruction in Logan, Johnson, and Madison counties on April 12th. Much timber in those counties was blown down.

Adverse weather conditions in April caused further delay in planting and cultivating, and farm operations are now much behind an average season. Some progress was made on the drier uplands, but generally the crop outlook for the current year is rather gloomy.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 77 stations, was 62.6°, which is 1.1° above the 55-year average for April. The highest monthly mean temperature was 68.4° at El Dorado, and the lowest was 56.4° at Devils Knob. The highest temperature recorded was 89° at Hot Springs on the 3d, the lowest was 23° at Gravette on the 5th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 104 stations, was 7.44 inches, which is 2.43 inches above the 55-year average for April. The greatest monthly total was 16.84 inches at Odell, and the least was 2.12 inches at Story. The greatest amount recorded in a 24-hour period was 4.80 inches at Fordyce on the 1st.

B. N. W.

MISCELLANEOUS PHENOMENA

Dates of

High Winds:---1,2,4,9,10,11,15,16,25,26.
Sleet:---28.
Hail:---4,11,12,14,15,19,27,28.
Killing Frost:---4,5,6,28,29.
Heavy Fog:---12,23,24.
Thunderstorms:---1,3,4,11,12,13,14,15,16,19,20,23,24,25,27,28.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.56	5	29.33	1	9 5	49	n.	14	84	65	61	58	132
Little Rock	30.58	5	29.32	1	9.8	45	nw.	30	86	60	60	55	104
Memphis .	30.56	6	29.37	1	8.2	50	nw.	8	85	62	64	53	135

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	62.8	93	22	2.75	....	8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61 4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	3.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.53	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7 87	T.	9	14	6	10
1922	63.5	90	26	5 54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64 0	92	29	5.69	T.	10	11	7	12
1930	64.9	95	27	1.41	0.0	6	16	7	7
1931	59 1	92	21	2 62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	93	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0 0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
1938	62.1	94	24	4.83	0.1	8	14	7	9
1939	59 3	91	19	7.13	T.	8	13	8	9
1940	59.9	95	18	6.93	T	10	11	7	12
1941	63.7	94	32	5.04	0.0	10	10	10	10
1942	62.8	88	20	8.42	0.0	10	11	9	10
1943	62.9	95	25	3.20	0.0	7	15	8	7
1944	60.1	88	19	6 65	T.	10	10	9	11
1945	62.6	89	23	7.44	T.	13	8	11	11
Period	61.5	99	17	5.01	T.	8	13	8	9

Corections for March, 1945.--Benton, greatest precip. 24 hours, 2.35. Bentonville, date of greatest precip. 24 hours, 19-20; Des Arc, 19. Fayetteville Exp- Station, total precip. 9.83, departure from normal +6.37. Green Mountain, number days .01 inch or more precip. 13. Mount Ida, date of greatest precip. in 24 hours, 30th. Oden, number days .01 inch or more precip., 14; Wynne, 14. Fort Smith, mean temperature 4th, 54°; mean temperature for month, 58.4°.

NAT. HIST.

Climatological Data for April, 1945

Stations	Counties	Elevation, feet	Length of record years	Temperature, (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	8	61.6	......	85	3	29	6	7.03	......	2.96	1	0.0	15	3	21	6	w.	L. R. Water Works
Arkadelphia	Clark	200	49	63.2	+ 0.8	86	3†	31	6	5.53	+0.36	1.78	1-2	0.0	10	14	0	16	s.	W. H. Halliburton
Arkansas City	Desha	145	60	......	......	......	......	......	......	8.63	+3.83	3.52	2	0.0	12	14	3	13	......	E. E. Love
Ashdown	Little River	329	1	65.2	......	88	18†	33	5	3.70	......	0.90	1	0 0	6	14	10	6	......	J. F. Ferguson
Batesville Airway	Independence	363	8	61.0	+ 1.7	85	13	29	5	12.59	......	4.56	14-15	0 0	16	7	13	10	s.	Airway Observer
Batesville Livestk.	Independence	500	4	60.2	......	84	3	30	5†	10 79	......	4.07	14-15	0.0	14	17	6	7	se.	University of Arkansas
Batesville River	Independence	277	45	......	......	......	......	......	......	6.72	+1.88	2.91	1	0.0	13	7	7	16	......	C. M. Barnwell
Bee Branch	Van Buren	650	52	64.2	+ 3.8	86	20	34	5	7.92	+2.96	2.34	1	0.0	13	5	17	8	n.	Minnie Scanlan
Benton	Saline	285	9	61.0	......	86	3	29	5	6.68	......	2.69	1-2	0.0	12	20	8	2	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	56.4	− 1.2	81	3	26	5	10.86	+6.14	3 05	14-15	0.0	15	5	17	8	s.	E. L. Brown
Bethesda ***	Independence	500	5	60.0	......	82	3†	28	5	10.33	......	2.75	15	0.0	11	10	15	5	sw.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	14	......	......	......	......	......	......	7.15	+3.44	1.96	1-2	0.0	15	9	8	13	......	N. W Douglas
Black Rock	Lawrence	259	43	......	......	......	......	......	......	9.58	+4.48	3.94	14-15	0.0	13	9	3	18	......	J. H. Ragan
Bluff City, 2 mi. s	Nevada	284	4	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Ark. Forestry Com
Blytheville	Mississippi	252	19	62.6	+ 5.0	85[e]	3†	34	5	7.21	+2.79	2.25	1	0.0	11	17	9	4	s.	Maureen K Norris
Booneville 3 miles w	Logan	465	30	62.2[d]	+ 0.1	86	3	28[d]	5	4.85	+0.04	0.95	12-13	0.0	15	9	12	9	s.	F. H. Randolph
Boughton ***	Clark	235	9	......	......	......	......	......	......	4.18	......	1.38	21-22	0.0	8	6	6	18	......	Katie B. Moore
Brinkley	Monroe	205	53	63 6	+ 1.6	83	13†	36	5	5.92	+0.46	2.40	1	0.0	13	5	10	15	s.	U. S. Weather Bureau
Calico Rock	Izard	361	40	......	......	......	......	......	......	9.44	+4.80	2.50	14-15	0.0	15	7	1	22	......	William Jones
Camden	Ouachita	116	59	66.4	+ 3.0	88	13	40	27	10.11	+5.32	4.16	2	0.0	9	6	13	11	s.	J M. Knight
Camp Chaffee	Sebastian	419	1	62.4	......	85	3	32	5	5.49	......	0.80	12-13	0.0	15	3	13	17	c.	U. S. Army
Camp Robinson	Pulaski	463	4	61.8	......	87	13	35	6	6.04	......	2.72	1	0.0	13	2	23	5	se.	U. S. Army
Clarendon	Monroe	172	40	......	......	......	......	......	......	5.81	+0.36	2.52	1	0.0	14	8	7	15	s.	B F. Northern
Conway	Faulkner	309	61	64.8	+ 2.6	88	13	32	5	8.14	+3.21	2.68	31-1	0.0	14	12	13	5	s.	E. E. Cordrey
Corning	Clay	293	51	62.1	+ 2.1	85	13	33	5	7 57	+2.61	2.70	14-15	0.0	9	13	8	9	s.	Richard Polk
Cotter	Baxter	440	17	......	......	......	......	......	......	11.00	+6.81	2 88	14	0.0	14	9	12	9	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	32	65.0	+ 1.8	87	3†	33	6†	7.00	+2.38	2.69	1	0.0	8	14	9	7	s.	U. S. Forest Service
Cummins Farm ***	Lincoln	176	1	64.6	......	83	13†	39	5	9.12	......	4.20	1	0.0	8	16	9	5	s.	T. C. Cogbill
Danville	Yell	327	28	......	......	......	......	......	......	6.52	+1.43	3.62	1	0.0	14	6	8	16	......	J. A. Moudy
Dardanelle	Yell	330	58	64.8	+ 2.2	88	3	32	1	4.97	+0 62	1.70	1-2	0.0	15	3	13	14	s.	Geo. N. Goodier
DeQueen	Sevier	426	9	......	......	......	......	......	......	......	......	......	......	0.0	......	......	......	......	......	L. D. McCowan
Des Arc	Prairie	204	6	64.1	......	87	26	38	7	6.22	......	2.42	1-2	0.0	11	6	3	21	s.	Z. R. Glenn
Devils Knob ***	Johnson	2350	8	56.4[b]	......	81[b]	21	27[b]	5	11.62	......	2.95	14-15	0.0	15	6	9	15	se.	U. S. Forest Service
Dumas	Desha	162	39	65.6	+ 2.6	87	3†	37	5†	8.70	+3.96	3.64	31-1	0.0	7	5	15	10	s.	Ben Johnson
El Dorado	Union	270	44	68.4	+ 3 9	86	15	38	5	9.78	+4.52	4.37	1-2	0.0	11	19	6	5	s.	Mrs. E. W. Gaston
England	Lonoke	229	38	64.7	+ 2.2	84	2	36	5	9.32	+3.77	3.65	1	0.0	15	4	12	14	sw.	O. V. Halbrook
Eureka Springs	Carroll	1465	44	58.9	− 0.2	82	20	27	5	11.08	+6.69	3.14	14-15	0 0	16	5	17	8	s.	Geo. W. Nichoalds
Fayetteville	Washington	1334	7	59.5	......	83	21	26	5	11.39	......	4.35	13-14	T.	18	2	9	19	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	57	59.2	+ 0.3	81	20†	24	6	10.90	+6.25	3.78	13-14	T.	17	2	18	10	sw.	University of Ark.
Fordyce	Dallas	280	4	65.5	......	86	3	34	5	9.83	......	4.80	1	0.0	8	4	24	2	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	63	62.4	+ 0.6	86	3	35	5	7.35	+3.41	2.20	13-14	0.0	18	2	8	20	......	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	7	......	......	......	......	......	......	8.68	......	2.54	14-15	0.0	12	3	14	13	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	......	......	......	......	......	......	5.70	+1.13	1.80	1-2	0.0	9	8	15	7	......	Ina J. Logan
Garland	Miller	225	2	......	......	......	......	......	......	7.36	......	1.79	22-23	0.0	9	10	0	20	......	L. D. Denney
Georgetown, 2 mi. se	White	200	32	......	......	......	......	......	......	5.15	+0.05	2.05	1	0.0	12	16	0	14	......	J. S. McDonald
Gilbert	Searcy	600	19	58.6	......	84	3†	25	5†	12.45	+7.35	4.20	14-15	0.0	13	8	3	19	s.	D O. Dennis
Glenwood	Pike	547	9	......	......	......	......	......	......	4.93	......	1.51	1-2	0.0	10	5	13	12	......	C. A. Price
Grannis	Polk	950	25	62.1	+ 1.7	83	3†	29	5	4.24	−1.56	1.58	11	0.0	11	5	11	14	s.	W. E. McVay
Gravette	Benton	1250	47	59.0	+ 1.7	84	3	23	5	9.89	+5.19	3.37	14-15	0.0	14	5	15	10	sw.	J. A. Schmidt
Green Mountain †	Stone	1100	7	60.0	......	87	19	28	5	8.65	......	2.35	14-15	0.0	15	5	13	12	s.	U. S. Forest Service
Harrison	Boone	1052	44	59 9	+ 2.1	82	13†	25	5	14.14	+9.47	4.04	13-14	0.0	15	9	12	9	sw.	J. M. McGaughey
Helena	Phillips	300	72	63.8	+ 1.1	88	13	36	5	7.16	+1.62	2.51	27-28	0.0	14	10	10	10	s.	James A. Burnett
Hope 3 miles e	Hempstead	375	74	64.0	+ 0.1	86	3	32	5	6.40	+1.62	2.05	1-2	0.0	9	16	9	5	s.	Univ. of Arkansas
Hot Springs	Garland	600	52	65.5	+ 2.3	89	3	32	5	5.16	−0.76	1.16	1	0.0	14	10	14	6	s.	National Park Service
Index ***	Little River	275	27	......	......	......	......	......	......	3.60	−0.97	0 60	21-22	0.0	10	17	1	12	......	W. E. McDowell
Jessieville	Garland	750	18	......	......	......	......	......	......	6.10	−0.28	1.80	1	0.0	13	2	23	5	sw.	U. S. Forest Service
Jonesboro	Craighead	345	49	62.3	+ 1.0	84	3	33	5	6.44	+1.94	1.59	1-2	0.0	14	3	12	15	ne.	Benedictine Sisters
Lead Hill	Boone	650	38	59.2	+ 0.4	84	13	25	5	11.55	+7.63	3.10	14-15	0.0	16	11	8	11	s.	J. H. Crosswhite
Little Rock	Pulaski	257	65	63.9	+ 1.8	85	13	37	5	6.61	+1.42	2.48	31-1	0.0	16	4	12	14	s.	U.S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	46	61.6	+ 1.4	85	20	27	5	6.90	+1.98	1.06	15	0.0	13	11	10	9	e.	Mrs H. G. Lenhardt
Madison	St. Francis	209	14	......	......	......	......	......	......	7.31	+3.35	3.69	1-2	0.0	12	5	2	23	......	J W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	65.7	+ 0.8	85	3	33	5	7.15	+2.34	3.20	22	0.0	6	11	10	9	se.	State Agr. School
Mammoth Spring	Fulton	600	40	60.2	+ 0.9	86	13	29	5†	7.79	+2.73	1.90	13-14	0.0	12	8	11	11	s.	L. A. O'Neal
Marianna	Lee	235	33	63.0	+ 0.4	83	13	37	5†	7.81	+3.73	3.91	1	0.0	16	10	14	6	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	62.4	+ 1.6	83	13	36	6	7.77	+2.24	3.98	1	0.0	12	5	21	4	n.	Chas. Walton
Marshall	Searcy	1050		59.8	− 0.3	83	19†	28	4	11.60	+5.59	4.80	14-15	0.0	12	9	12	9	s.	H. W. Wright, Jr.
Mena	Polk	1207	56	62.9	+ 1.3	85	3	29	5	3.60	−1.97	1.45	11	0 0	12	5	17	8	sw.	E. W. St. John
Monticello	Drew	273	4	65.0	......	86	3	34	5	6.41	......	2.90	1	0.0	8	6	17	7	s.	Airway Observer
Morrilton ***	Conway	315	28	64.6	+ 2 8	88	13	36	5†	5.89	−1.03	2.35	1	0.0	14	6	5	19	s.	Mrs. Nova Berry
Mountainburg	Crawford	712	7	......	......	......	......	......	......	9.12	......	2.46	14-15	0.0	17	7	8	15	s.	C. A. Lovell
Mountain Home ***	Baxter	800	32	59.8	+ 0.6	84	12	28	5	10.59	+5.91	2.55	13-14	0.0	17	7	11	12	w.	H. N. Halbert
Mountain Valley	Garland	788	7	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Mount Ida, 2 mi. e	Montgomery	702	45	62.2	+ 1.2	86	3†	27	6	4.83	−0.95	1.08	1	0.0	11	6	15	9	w.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	6	......	......	......	......	......	......	9.87	......	2.62	14-15	0 0	13	8	5	17	......	H. G. Arvin
Nashville	Howard	350	6	64.6	......	85	3	31	5	3.22	......	0.75	1	0.0	9	14	2	14	e.	Carter Day
Newport	Jackson	231	61	64.2	+ 2.4	85	3	37	6	6.64	+1.76	2.32	1	0.0	15	7	2	21	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	3	60.9	......	85	3	30	6	5.13	......	1.78	1-2	0.0	11	15	4	11	se.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	17	62.5	......	85	2	30	4†	4.13	−1.50	1.05	11	0 0	13	5	12	13	s.	U. S Forest Service
Okay	Howard	288	16	64.6	+ 0.1	85	21	33	5	4.13	−0.34	1.00	22	0.0	12	7	14	9	s.	Charles R. Jackson
Osceola	Mississippi	250	44	......	......	......	......	......	......	5.56	+1.11	1.54	1-2	0.0	13	20	1	9	......	G. M. Serey
Ozark	Franklin	396	49	62.8	+ 1.0	83	13	30	5	7.90	+3.29	2.40	14-15	0.0	16	7	5	18	se.	Orkney O. Milton
Paragould	Greene	275	21	61.4	......	81	3†	33	5†	9.43	+4.84	2.56	1	0.0	15	11	12	7	sw.	J. E. Garrett
Parkin, 2 mi. w	Cross	222	14	......	......	......	......	......	......	7.83	+3.71	3.68	1-2	0.0	11	7	5	18	......	Carroll King
Perryville	Perry	325	5	63.1	+ 3.0	86	3†	30	5	6.85	+1.59	2.00	31-1	0.0	15	5	23	2	s.	Gordon Bennett
Pine Bluff	Jefferson	215	57	66.2	+ 2.7	88	3†	39	5	8.04	+2.63	3 11	31-1	0.0	13	14	12	4	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	......	......	......	......	......	......	3.04	−2.86	0.82	11-12	0.0	11	2	18	10	nw.	J. R. Huddleston
Pocahontas	Randolph	300	51	62.0	+ 1.8	83	13	31	5	9.57	+4.79	2 81	14-15	0.0	15	5	15	10	s.	Benedictine Sisters
Portland	Ashley	122	38	66.4	+ 1 9	86	3	38	5	6.13	+1.22	2.30	1	0.0	10	11	10	9	s.	Mrs. Pearl Newton
Prescott	Nevada	318	56	66.2	+ 2.4	86	3	35	5	5.29	+0.16	1.34	1-2	0.0	9	15	6	9	s.	W. R. Hambright
Rogers	Benton	1300	54	58.6	− 0.1	82	3	26	5	8.24	+3.67	2.15	14-15	0.0	16	7	13	10	s.	Howard Fowler
Russellville	Pope	526	32	64.2	+ 3.1	87	13	30	5	4.88	+0.67	1.31	31-1	0.0	14	7	22	1	s.	U. S. Forest Service
St. Charles	Arkansas	175	11	66.2	......	88	21	37	5	7.54	......	2.70	31-1	0.0	9	12	9	9	s.	U. S. Bio. Survey
St. Francis	Clay	290	17	......	......	......	......	......	......	10.26	+5.87	2.65	1	0.0	13	12	0	18	......	Wm. S. Buckley
Searcy	White	245	34	63.2	+ 2.0	83	3†	32	5	8.91	+4.05	2.69	1-2	0.0	14	13	6	11	se.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	4	63.8	......	86	3	30	5	6.96	......	2.79	1	0.0	13	6	18	6	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	4	58.4	......	84	21	25	5	10.05	......	3.37	13-14	0.0	19	6	21	3	s.	John Brown Univ.
Story	Montgomery	650	20	......	......	......	......	......	......	2.12	−3.91	1.06	11	0 0	5	18	5	7	s.	S. C. Story
Stuttgart	Arkansas	214	57	64 9	+ 2.6	84	13	39	5	6.93	+1.96	3.15	1	0.0	13	15	12	3	s.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	9	64.2	......	82	3†	36	5	5.49	......	2.45	1	0.0	8	......	......	......	......	University of Ark.

Climatological Data for April, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	46	62.8	+ 0.9	84	3†	33	5	4.39	−0.13	0.85	1-2	0.0	12	11	14	5	s.	New Subiaco Abbey
Texarkana	Miller	332	60	64.8	+ 0.6	84	25	38	5	4.04	−0.90	1.46	1	0.0	11	9	8	13	s.	U. S. Weather Bureau
Turnpike***	Pope	2240	20	57.8	......	80	21	26	5	11.85	+6.69	2.48	1-2	0.0	15	7	10	13	sw.	U. S Forest Service
Waldron	Scott	675	25	62.5	......	86	3	27	5	2.38	−2.91	0.57	3-4	0.0	9	4	15	11	se.	William D Bivens
Warren	Bradley	206	50	65.6	......	86	3	36	6	7.97	+2 82	4.40	31-1	0.0	10	12	14	4	sw.	C. N Turner
Whitecliffs	Little River	290	38	...	......	......	......	......	......	4.28	−1.10	1.05	22	0.0	9	..	..	..	......	L. M. Snead
White Rock***	Franklin	2285	8	57.1	.....	79	21	28	5	10.64	......	3.11	14-15	0.0	15	8	10	12	se.	U. S. Forest Service
Wilson	Mississippi	237	19	62.4	+ 1.3	85	3†	32	5	7.71	+3.06	1.90	1-2	0.0	8	9	9	12	s.	D. O. Anderson
Wynne	Cross	167	36	61.8	+ 2.1	85	3	34	5	6.97	+1 55	3.12	1	0.0	12	11	1	18	......	Mrs. C. A. Ford
State Means	....	...	..	62.6	+ 1.1	89	3	23	5	7.44	+2 43	4.80	1	T.	13	8	11	11	s.	

Daily Precipitation for April, 1945

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Abbott[2]	Arkansas	.25	.14	....	.26	....	....	....	....	....	....	....	1.47	2.36	....	.03	.29	....	....	.30	.19	....	....	T.	.58	....	....	....	.55	....	....	6.42
Alum Fork Reser.	Arkansas	2.95	.02	....	.58	....	....	....	....	....	....	1.10	.08	T.	.05	.05	.42	....	....	.16	.18	....	.75	.24	.20	....	.03	T.	.22	....	....	7.03
Aplin[2]	Arkansas	.60	1.46	....	.68	....	....	....	....	....	....	....	.65	....	....	09	.58	....	....	.13	.12	....	.05	.42	.30	....	.25	....	.13	....	....	5.46
Arkadelphia[2]	Ouachita	.35	1.43	....	.17	....	....	....	....	....	....	....	.65	....	....	T.	.52	.10	....	....	....	....	.75	.92	.45	....	....	....	.19	....	....	5.53
Arkansas City[2]	Mississippi	.12	3.52	....	.49	.09	....	....	....	....	....	....	....	....	....	....	.36	.62	....	....	....	....	.47	.50	.34	.02	....	....	1.69	.41	....	8.63
Ashdown	Red	.90	....	....	....	....	....	....	....	....	....	.64	....	....	T.	....	.32	....	....	....	....	....	.62	.50	.72	....	....	....	....	....	....	3.70
Augusta[2]	White	.18	2.23	....	.38	....	....	....	....	....	....	....	.92	.10	....	.55	.18	.16	....	....	.18	....	....	.26	.20	....	.31	.02	.48	....	....	6.15
Batesville Air'y[3]	White	2.66	.09	....	1.31	....	....	....	....	....	....	1.04	.15	....	.85	3.86	.32	....	....	.05	09	....	.35	1.00	.03	.19	....	.42	.18	....	....	12.59
Batesville Livestk[2]	White	.25	2.71	....	.40	....	....	....	....	....	....	....	.69	.02	.08	4.07	.33	....	....	....	13	....	....	1.42	.07	....	.15	.12	.35	....	....	10.79
Batesville River[2]	White	.31	2.60	....	1.05	....	....	....	....	....	....	....	.88	.06	.09	....	.12	....	....	....	.10	....	....	.66	.41	....	.05	14	.25	....	....	6.72
Beaty Lake	St. Francis	2.84	1.01	....	.35	....	....	....	....	....	....	....	.75	....	....	....	1.27	....	....	....	.30	....	.14	.02	.54	....	.21	....	1.27	....	....	8.70
Beaver[2]	White	.40	.54	....	.60	....	....	....	....	....	....	....	.45	.34	2.22	3.54	.31	....	....	....	.38	.19	T.	.15	.87	.05	.14	....	.27	.01	....	10.46
Bee Branch	Arkansas	2.34	.52	....	.63	....	....	....	....	....	....	.70	.30	....	.20	.39	.54	....	....	....	....	•	.97	....	.80	....	.05	.48	....	....	....	7.92
Beech Grove	White	.28	....	1.17	.94	....	....	....	....	....	....	....	.37	.22	1.15	3.00	.23	.11	....	....	.76	....	....	.49	....	.30	....	.10	.20	....	....	9.32
Beedeville[2]	White	.20	1.63	.33	....	T.	....	....	....	....	....	....	.60	.26	....	T.	.36	.27	....	....	.23	....	....	.11	.30	....	.45	T.	.50	....	....	5.24
Benton[2]	Saline	.19	2.69	....	.47	....	....	....	....	....	....	....	.35	....	..	.03	.44	....	....	....	.12	T.	.30	.74	.22	....	.14	....	.99	....	....	6.68
Bentonville[2]	Arkansas	.36	.26	....	.81	....	....	....	....	....	....	....	....	1.22	.01	2.68	3.05	1.04	....	....	.53	....	.08	.08	.31	....	.13	.02	.28	....	....	10.86
Bethesda[2]	White	.26	2.55	....	.45	....	....	....	....	....	....	....	.76	....	1.03	2.75	.31	....	....	....	T.	....	....	1.38	T.	....	.20	.12	.52	....	....	10.33
Big Flat[2]	White	.06	1.18	....	....	....	....	....	....	....	....	T.	.23	.89	.65	3.90	.30	....	....	....	.48	....	.36	.18	.06	....	....	....	....	....	....	8.29
Big Lake Outlet[2]	St. Francis	.30	1.96	T.	.52	.03	....	....	....	....	....	....	.81	T.	.84	.23	.22	.49	....	....	.62	T.	....	.03	.26	.01	.26	....	.57	T.	....	7.15
Black Rock[2]	White	.26	.41	....	.77	....	....	....	....	....	....	.14	.95	....	1.27	3.94	.43	....	....	....	.68	....	.03	.22	....	....	.21	....	.27	....	....	9.58
Bluff City	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blytheville[2]	St. Francis	.34	1.91	....	.40	....	....	....	....	....	....	....	73	....	1.14	....	.13	....	....	....	1.43	....	....	.10	21	....	.13	....	.69	....	....	7.21
Booneville 3 mi. w	Arkansas	33	.06	....	.32	....	....	....	....	....	....	.80	.78	.17	.02	.03	.45	T.	*	48	.02	....	.02	....	.80	....	....	....	.57	....	....	4.85
Booneville[2]	Arkansas	.15	.16	....	.58	....	....	....	....	....	....	....	1.13	.07	....	.10	.54	....	....	.37	.16	....	....	....	.66	.03	....	.01	.81	....	....	4.77
Boughton[2]	Ouachita	.60	....	....	.50	....	....	....	....	....	....	....	.40	....	....	....	.40	....	....	....	....	....	.88	.50	.60	....	....	....	.30	....	....	4.18
Brinkley[1]	White	2 40	.04	....	.17	....	....	....	....	....	....	.51	....	....	.30	....	.62	....	....	T.	.14	....	.35	03	.10	.18	....	.31	.77	....	....	5.92
Burdette	Mississippi	1.68	.64	....	.27	....	....	....	....	....	....	....	.50	....	.39	....	.98	....	....	....	.61	....	T.	.08	....	....	.22	....	.87	....	....	6.24
Calico Rock[2]	White	.14	1.02	....	.50	....	....	....	....	....	....	....	.25	.99	1.80	2.50	.25	....	....	....	.68	.05	....	.18	.18	....	.55	.05	.30	T.	..	9.44
Camden[2]	Ouachita	.63	4.16	....	.16	....	....	....	....	....	....	....	.11	....	....	....	.27	....	....	....	....	....	1.10	2.63	.67	....	....	....	.38	....	....	10.11
Camp Chaffee[2]	Arkansas	.35	15	T.	.23	....	....	....	....	....	....	....	.70	.80	.55	.77	.17	....	.04	.18	12	....	....	.02	.74	....	T.	.02	.65	....	....	5.49
Camp Robinson[1]	Arkansas	2.72	.03	....	.33	....	....	....	....	....	....	.64	....	....	.14	....	.36	....	.04	.02	.26	....	.80	....	.10	.10	....	.05	.45	....	....	6.04
Carlisle[2]	Arkansas	.18	3.74	.14	....	....	....	....	....	....	....	....	.78	....	....	.17	.18	.23	....	....	.14	....	.22	.97	.15	....	.19	....	.85	....	....	7.94
Clarendon[2]	White	.10	2.42	....	.10	.03	....	....	....	....	....	....	.22	....	....	T.	.33	.35	.35	....	T.	.15	.18	.83	.21	....	.12	....	.75	.02	....	5.81
Cold Springs[2]	Ouachita	.52	....	....	.47	....	....	....	....	....	....	....	.67	....	....	.20	.30	....	....	....	....	....	.03	.10	.24	....	....	....	.55	....	....	3.43
Conway	Arkansas	2 68	.88	....	.78	....	....	....	....	....	....	1.01	.23	....	.24	.11	.84	....	....	....	.16	....	.39	.12	.18	....	.28	....	.24	....	....	8.14
Corning[2]	White	.25	.85	1.00	....	....	....	....	....	....	....	....	.47	.58	1.02	2.70	....	....	....	....	.50	....	....	T.	....	....	....	.20	....	....	....	7.57
Cotter[2]	White	.16	93	....	.29	....	....	....	....	....	....	....	.44	1.02	2.88	2.58	.28	....	....	....	.69	.21	....	.24	.28	....	.28	....	.72	....	....	11.00
Crossett	Ouachita	2.69	.23	....	.93	....	....	....	....	....	....	....	....	....	....	....	.73	....	....	....	....	....	.64	.07	.06	T.	....	....	1.65	....	....	7.00
Crystal Valley[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Cummins Farm	Arkansas	4.20	....	....	.12	....	....	....	....	....	....	....	*	.50	....	..	.70	....	....	....	....	....	1.90	....	.40	....	....	....	1.30	....	....	9.12
Danville[2]	Arkansas	.20	3.62	....	.12	....	....	....	....	....	....	....	.80	.02	....	04	.50	....	....	.30	.28	....	.03	.10	.30	....	.10	....	.11	....	....	6.52
Dardanelle[2]	Arkansas	.47	1.70	T.	.12	....	....	....	....	....	....	....	.36	.02	.10	.10	.55	....	....	.04	.26	....	.02	.30	.30	....	.20	.23	.20	....	....	4.97
Denmark[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
De Queen	Red	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Dermott[2]	Mississippi	.10	3.67	....	1.16	.09	....	....	....	....	....	....	....	....	....	....	.23	.65	....	....	....	....	1.01	.43	.52	....	....	....	1.03	.79	....	9.67
Des Arc[2]	White	.19	2.42	....	.25	....	....	....	....	....	....	....	.75	....	....	.45	.27	.27	....	....	.12	....	....	.48	....	....	.25	....	.77	T.	....	6.22
Devils Knob	Arkansas	.83	1.20	....	.27	....	....	....	....	....	....	1.34	.16	.41	1.85	2.95	.47	....	....	....	.21	....	.53	T.	.40	.06	....	.09	.85	....	....	11.62
Dumas	Mississippi	3.64	.05	....	.17	....	....	....	....	....	....	....	....	....	....	....	.64	....	....	....	....	....	1.77	....	.34	....	....	T.	2.09	....	..	8.70
Eagle Gap[2]	Arkansas	.39	.18	....	.50	....	....	....	....	....	....	....	.92	.12	.10	....	.24	....	....	.10	.14	...	T.	.31	.36	T.	....	....	.37	....	...	3.73
El Dorado[2]	Ouachita	1.19	4.37	....	.68	....	....	....	....	....	....	....	.06	.05	..	....	.39	.72	....	....	....	....	1.17	.07	.74	....	....	....	.34	....	....	9.78
Eleven Point[2]	White	18	1.60	.. .	.48	....	....	....	....	....	....	....	.83	.45	.96	2.42	.26	...	....	....	.56	....	....	.19	.21	.01	.48	....	.35	....	....	8.98
England	Arkansas	3.65	.05	.04	T.	....	....	....	....	....	....	.27	.70	....	.30	.20	.20	....	....	.32	.30	....	1.75	.30	.31	....	....	.15	.78	...	....	9.32
Eureka Springs	White	50	.77	....	.70	....	....	....	....	....	....	.47	.14	.12	2.75	3.14	.40	....	....	.42	.10	.40	....	.15	.58	.07	....	...	.37	....	...	11.08
Evening Shade[2]	White	.30	1.80	....	.30	....	....	....	....	....	....	....	.80	.69	1.41	3.30	.70	....	....	....	.60	....	....	.38	.25	T.	....	.35	...	....	....	10.88
Fayetteville	White	.55	.30	T.	.66	....	....	....	....	....	....	.48	.21	.01	4.35	2.84	.47	....	....	.09	.39	.01	.12	.05	.43	.03	....	.11	.29	....	....	11.39
Fayetteville Exp. S	White	.70	.21	....	.48	....	....	....	....	....	....	.47	T.	.22	3.78	2.91	.47	T.	....	.07	.35	.34	.11	.02	.48	.08	....	.07	.14	....	....	10.90
Fordyce	Arkansas	4.80	.14	. ..	.08	....	....	....	....	....	....	.41	.24	. ..	T.	....	.40	....	....	....	....	....	....	1.95	1.00	....	....	....	1.05	....	....	9.83
Forester[2]	Arkansas	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Fort Smith[1]	Arkansas	.67	T.	.21	.01	....	....	....	....	....	....	.62	.24	.95	1.45	.52	.13	.04	.11	.04	.24	...	.02	1.09	.11	....	....	.35	.55	....	....	7.35
Fort Smith W.[1]	Arkansas	....	.52	....	.26	.33	....	....	....	....	....	....	.60	2.28	....	2 54	....	....	....	.03	.19	....	.11	.92	....	....	....	.20	.70	....	....	8.68
Fulton[2]	Red	.46	1.80	....	.11	...	....	....	....	....	....	....	.31	..	....	...	.54	....	....	....	....	.. .	.61	1.00	.65	...	....	....	.22	....	..	5.70
Garland[2]	Red	.60	1.23	....	.13	....	....	....	....	....	....	....	.41	....	....	....	.48	T.	....	....	....	.. .	1.36	1.79	1.01	....	....	....	.35	....	....	7.36
Georgetown[2]	White	....	2.05	...	.09	....	....	....	....	....	....	....	.90	.30	....	.11	.27	.20	.. .	....	.14	....	....	.25	.08	....	.22	....	.54	....	....	5.15
Gilbert[2]	White	.10	1.65	....	.70	....	....	....	....	....	....	....	.45	1.50	1.35	4.20	.15	....	....	....	....	.50	....	.35	.75	....	.20	.15	.40	....	....	12.45
Glenwood[2]	Ouachita	.22	1.51	....	.42	....	....	....	....	....	....	...	.86	....	....	....	.26	....	....	....	....	....	.51	.30	.34	...	. ..	.05	.46	....	....	4.93
Grannis	Red	.62	.20	....	.19	....	....	....	....	....	....	1.58	.03	T.	T.	T.	.25	....	....	T.	....	....	.21	....	.83	...	....	.08	.21	....	.04	4.24
Gravelly[2]	Arkansas	.38	1.27	....	.26	....	....	....	....	....	....	....	.70	T.	....	T.	.34	...	....	.09	.24	..	T.	.09	.32	....	.10	T.	.10	....	..	3.89
Gravette	Arkansas	.31	.20	. ..	.63	....	....	....	....	....	....	.49	....	.15	2.03	3.37	.58	....	....	.38	.16	.52	....	....	.57	.22	....	....	28	....	....	9.89
Green Forest	White	.70	2.19	....	.33	....	....	....	....	....	....	.34	.05	1.00	2.89	3.05	.48	....	....	.45	.08	.20	T.	.17	.98	.04	....	.02	.50	....	....	13.52
Green Mountain	White	1.10	.20	....	.40	....	....	....	....	....	....	.50	.85	.40	1.35	2.35	.25	....	....	.25	.10	....	.20	.15	..	....	....	.20	.35	....	....	8.65
Greenwood[2]	Arkansas	.45	.10	....	.30	....	....	....	....	....	....	....	.90	.85	.14	.14	.20	....	....	.25	.35	....	....	....	.50	....	..	T.	.31	....	....	4.49
Harrisburg[2]	St. Francis	....	2.50	.20	....	....	....	....	....	....	....	....	....	.60	....	.30	....	.55	....	.10	....	....	....	....	.15	....	.60	....	.60	....	....	5.60
Harrison	White	.59	1.32	....	.31	....	....	....	....	....	....	.48	T.	1.41	4.04	3.16	.28	....	....	.56	.10	....	....	.33	.67	.22	..	.21	.46	....	....	14.14
Helena[2]	Mississippi	.08	1.87	....	25	.03	....	....	....	....	....	....	....	....	....	....	.32	.65	....	....	....	.05	.17	.91	.26	.02	.04	....	2.44	.07	....	7.16
Henderson[2]	White	....	.83	.38	.20	....	....	....	....	....	....	....	.28	1.50	2.35	2.15	.20	....	....	..	.82	....	....	.21	.45	*	.33	.28	.45	....	....	10.43
Hollis	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Hope[2]	Red	.50	1.55	....	.35	....	....	....	....	....	....	...	.34	....	T.	....	.41	....	....	....	....	....	.76	.93	1.31	....	....	....	.25	..	....	6.40
Hot Springs	Ouachita	1.16	.33	...	.50	....	....	....	....	....	....	.19	.16	....	.04	....	.44	....	.. .	.07	.10	....	.86	.16	.22	....	.40	....	.53	.. .	....	5.16
Huttig[2]	Ouachita	1.44	2.90	....	.88	.10	....	....	....	....	....	....	. ..	T.	....	....	.12	.17	....	....	....	....	.51	.28	.12	.02	.. .	....	1.32	.02	....	7.88
Index[2]	Red	.50	.50	....	.10	....	....	....	....	....	....	....	.50	....	.05	....	.60	....	....	....	....	....	.60	.30	.30	....	.. .	....	.15	....	....	3.60

Daily Precipitation for April, 1945 Continued

Stations	Drainage basin	Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Jessieville	Ouachita	*	1.80	....	.35	....	....	....	....	....	....	.34	.83	....	.20	.15	.63	....	....	.16	....	....	.34	.54	.41	....	....	....	.35	....	....	6.10
Jonesboro[2]	White	.57	1.59	....	.36	....	....	....	....	....	....	....	.53	.20	.23	1.00	.32	.22	....	....	.53	....	....	.05	.29	....	.39	T.	.16	....	....	6.44
LaCrosse[2]	White	....	2.11	.05	....	....	....	....	....	....	....	....	.44	.24	1.27	3.21	.35	....	....	....	.42	....	....	.21	.26	....	....	....	.39	....	....	8.95
Lake City[2]	St. Francis	*	3.28	.48	....	....	....	....	....	....	....	....	.34	....	1.44	....	.82	....	....	....	.95	....	....	.07	....	....	....	.20	....	....	....	7.58
Lead Hill	White	.75	1.04	....	....	....	....	....	....	....	....	.57	.57	.35	3.04	3.10	.38	....	....	.29	.26	.11	.07	.07	.35	.03	....	....	.57	....	....	11.55
Little Rock[1]	Arkansas	2.45	.01	T.	.43	....	....	....	....	....	....	.51	.06	T.	.11	T.	.24	....	.12	.01	.29	....	.86	.01	.13	.26	....	.26	.87	....	....	6.61
Lutherville	Arkansas	1.00	1.05	....	....	....	....	....	....	....	....	.80	.25	....	.71	1.06	....	....	....	.12	.15	....	.25	....	.30	.38	.13	....	.70	....	....	6.90
Madison[2]	St. Francis	.18	3.69	T.	.20	.12	....	....	....	....	....	....	.32	....	....	....	.30	.50	....	....	T.	.10	....	.20	.20	T.	.25	....	1.25	....	....	7 31
Magnolia	Red	2.60	.03	....	....	....	....	....	....	....	....	....	....	....	....	....	.56	....	....	....	....	....	3.20	....	.64	....	....	....	.12	....	....	7.15
Mammoth Spg[2]	White	.34	....	....	....	....	....	....	....	....	....	....	.52	....	1.83	1.90	*	.60	....	....	.77	....	....	.16	.24	....	.80	....	.27	.36	....	7.79
Marianna[2]	St. Francis	.11	3.80	.01	.18	.05	....	....	....	....	....	....	.30	....	....	T.	.34	.58	....	....	.14	.03	.10	.37	.15	....	.21	....	1.43	.01	....	7.81
Marked Tree[2]	St. Francis	.40	3.58	....	.36	....	....	....	....	....	....	....	.66	....	....	.19	.28	.07	....	....	.17	....	....	.17	.15	....	.50	....	.61	....	....	7.77
Marshall	White	1.25	.80	.45	....	....	....	....	....	....	....	....	.50	1.80	.70	4.80	.40	....	....	....	....	....	....	.40	.30	....	.30	.40	....	....	....	11.60
Marvell[2]	White	....	3.26	....	.11	....	....	....	....	....	....	....	....	....	....	....	*	1.08	....	....	....	....	*	.98	.26	....	....	....	1.94	....	....	7.63
Mena[2]	Ouachita	.31	.09	....	.13	....	....	....	....	....	....	....	1.45	.10	T.	....	.44	....	....	.15	....	.01	.12	.21	.52	....	....	....	.08	....	....	3.60
Monticello[1]	Ouachita	2.90	.09	....	.15	....	....	....	....	....	....	....	....	....	....	....	.76	....	....	....	....	....	1.41	....	.20	....	....	.02	.88	....	....	6.41
Morobay[2]	Ouachita	1.70	3.59	....	.52	....	....	....	....	....	....	....	.07	....	....	....	.23	.25	....	....	....	....	.69	.19	.80	....	....	....	.34	....	....	8.38
Morrilton[2]	Arkansas	.25	2.35	....	.50	....	....	....	....	....	....	....	.75	.10	....	12	.55	....	T.	.02	.06	....	T.	.64	.20	....	.20	.05	.10	....	....	5.89
Mountainburg	Arkansas	.55	....	....	*	50	....	....	....	....	....	.58	*	.37	2.07	2.46	.36	....	....	*	.34	.05	*	.06	.83	....	....	.23	.72	....	....	9.12
Mountain Home	White	.20	1.05	....	.41	....	....	....	....	....	....	.25	.10	1.45	2.55	2.20	.20	....	....	.20	.30	....	.10	.15	.43	.30	....	.30	.40	....	....	10.59
Mountain Valley	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Mountain View[2]	White	*	2.95	....	....	....	....	....	....	....	....	....	*	*	*	4.75	....	....	....	.25	.06	....	....	.25	.07	....	.55	.18	27	....	....	9.33
Mount Ida	Ouachita	1.08	.88	....	.21	....	....	....	....	....	....	1.01	....	....	....	....	.26	....	....	.12	....	....	.54	.22	.26	.11	....	....	.14	....	....	4.83
Mulberry[2]	Arkansas	.52	.37	....	.15	....	....	....	....	....	....	....	.82	.88	1.70	2.62	.54	....	....	T.	.23	....	....	.09	.63	....	....	.05	1.27	....	....	9.87
Nashville	Red	.75	....	.25	....	.09	....	....	....	....	....	.58	....	....	....	....	.45	....	....	....	....	....	.39	....	.40	....	....	.07	....	.24	....	3 22
Newhope[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Newport[2]	White	.30	2.02	....	.52	....	....	....	....	....	....	....	.90	.45	.02	.60	.18	.10	....	....	.10	....	....	.22	.68	....	.33	.07	.15	....	....	6.64
Nimrod Dam	Arkansas	.29	1.78	....	.50	....	....	....	....	....	....	....	.75	....	....	....	.31	....	....	.20	.20	....	....	.35	.35	....	.20	....	.20	....	....	5.13
Odell[2]	Arkansas	.21	.29	....	.56	....	....	....	....	....	....	.03	.49	.25	6.66	5.48	.35	....	....	.01	.69	....	....	.24	.62	....	.10	.04	.32	....	....	16.34
Oden	Ouachita	.40	.56	.15	....	....	....	....	....	....	06	1.05	T.	.18	.03	.25	....	....	.15	T.	.11	....	.53	.56	....	....	....	.10	....	....	....	4.13
Okay	Red	.84	.18	....	.12	....	....	....	....	....	....	.18	.67	....	.05	....	.43	....	....	....	....	....	1.00	.04	.56	....	.03	....	.03	....	T.	4 13
Osceola[2]	Mississippi	.34	1.54	T.	34	.03	....	....	....	....	....	....	....	.28	T.	T.	15	*	.83	....	....	.56	T.	....	.04	.09	T.	60	.76	....	....	5.56
Ozark[1]	Arkansas	.36	.57	....	.20	....	....	....	....	....	....	....	1.16	.50	.32	2.40	.67	....	.11	.03	.50	....	....	.09	.39	....	.02	.02	.56	....	....	7.90
Paragould	St. Francis	2.56	.31	....	.48	....	....	....	....	....	....	.02	.86	....	1.24	1.52	.48	....	....	.16	.47	....	.05	.54	.11	....	.39	....	.24	....	....	9.43
Parkin[2]	St. Francis	.25	3.68	T.	.28	.12	....	....	....	....	....	....	.43	....	....	....	.43	.66	....	....	.19	T.	....	....	.16	....	.55	....	1.08	....	....	7.83
Perryville	Arkansas	2.00	20	....	.50	....	....	....	....	....	....	1.30	.11	....	.11	.14	.40	....	....	.05	32	....	.40	.55	.27	....	.40	....	....	.10	....	6.85
Pine Bluff[2]	Arkansas	.27	2.84	....	.22	....	....	....	....	....	....	....	.26	....	....	.12	.67	.34	....	....	....	.01	.20	1.50	.85	....	....	....	1.35	.01	....	8.04
Pine Ridge[2]	Ouachita	.11	.32	....	....	....	....	....	....	....	....	.17	82	.08	....	....	.26	....	....	.18	....	.07	....	.40	.53	....	....	....	.10	....	....	3.04
Pocahontas	White	1.25	.26	....	.74	....	....	....	....	....	....	.12	1.16	.02	1.22	2.81	.42	....	....	....	.91	....	....	.25	.04	....	.10	.02	.25	....	....	9.57
Portland[2]	Ouachita	2.30	.30	....	.73	.26	....	....	....	....	....	....	....	....	....	....	.31	.35	....	....	....	....	.51	.26	.79	....	....	....	.32	....	....	6.13
Prescott[2]	Ouachita	.54	1.34	....	.30	....	....	....	....	....	....	....	.60	....	T.	....	.53	....	....	....	....	....	.10	1.09	.59	....	....	....	.20	....	....	5.29
Ratcliff[2]	Arkansas	.30	.17	.02	....	....	....	....	....	....	....	....	.87	1.86	.02	.21	.48	....	....	....	.39	....	.03	....	.37	....	....	....	.78	....	....	5.50
Red Star	White	.71	2.10	.37	....	....	....	....	....	....	....	1.49	1.34	.42	3.23	3.15	.78	....	....	....	.46	....	....	.42	.54	....	....	.11	.78	....	....	15.90
Rogers	White	.56	.21	....	.67	....	....	....	....	....	....	.40	T.	.01	2.10	2.15	.51	....	....	.50	.26	.05	T.	.15	.42	.08	....	.04	.13	....	....	8.24
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Russellville	Arkansas	1.31	.90	....	.27	....	....	....	....	....	....	.41	.15	....	.09	.65	....	....	....	.01	09	....	T.	.31	.33	.06	....	.04	.26	....	....	4.88
St Charles	White	2.70	.38	....	.27	....	....	....	....	....	....	....	....	....	.02	....	.91	....	....	....	.05	....	.65	....	.23	....	....	....	2.33	....	....	7.54
St. Francis[2]	St. Francis	.37	2.65	....	.55	T.	....	....	....	....	....	....	.83	.40	1.00	2.47	.10	.75	....	....	.62	T.	....	T.	.09	....	.20	....	.23	....	....	10.26
Searcy[2]	White	.22	2.69	....	.54	....	....	....	....	....	....	....	1.70	.36	....	1.00	.30	.15	....	....	.30	....	....	.37	.12	....	.70	.02	.44	....	....	8.91
Sheridan	Ouachita	2.62	.17	....	.44	....	....	....	....	....	....	.26	.24	....	.06	....	.32	....	....	....	.11	....	1.26	.18	.28	....	.20	....	.82	....	....	6.96
Shirley[2]	White	.93	2.27	....	.17	....	....	....	....	....	....	....	.71	.30	.42	2.14	.38	....	....	....	.43	....	....	.76	.11	....	.22	.16	.48	....	....	9.48
Siloam Springs	White	.33	.04	.12	.90	....	....	....	....	....	....	.50	.03	.18	3.37	2.52	.55	....	....	.36	.23	.04	.07	.02	.46	.02	....	.30	.01	....	....	10.05
Sparkman	Ouachita	3.59	.18	....	.17	....	....	....	....	....	....	.18	.14	....	.02	....	.48	....	....	....	....	....	2.41	.07	.61	....	....	....	.93	....	....	8.78
Stamps	Red	1.68	.35	....	.13	....	....	....	....	....	....	.21	.35	T.	....	....	.64	....	....	....	....	T.	2.08	.08	1.10	....	....	T.	40	....	....	7.02
Stephens[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Steve[2]	Arkansas	1.20	1.90	....	.36	....	....	....	....	....	....	.73	....	....	....	....	....	....	....	....	.54	....	....	.33	.37	....	....	....	....	....	....	5.43
Story[2]	Ouachita	....	....	.22	....	....	....	....	....	....	....	....	1.06	....	....	....	....	....	....	.47	....	....	.09	....	....	....	.28	....	....	....	....	2.12
Stuttgart[2]	Arkansas	*	3.15	....	.24	....	....	....	....	....	....	.21	....	....	....	.19	*	.50	....	....	....	.25	.38	1.13	.32	....	.12	....	....	.44	....	6.93
Stuttgart Evap.	Arkansas	2.45	.05	....	.07	....	....	....	....	....	....	....	.25	....	T.	....	.40	....	....	....	....	....	1.16	T.	.40	....	....	....	.71	....	....	5.49
Subiaco	Arkansas	.25	.75	.10	....	....	....	....	....	....	....	....	.74	....	.42	.05	.47	....	....	T	....	T.	....	.20	53	....	.13	.04	.71	....	....	4.39
Sugar Grove[2]	Arkansas	....	.70	....	.40	....	....	....	....	....	....	....	.70	....	....	.10	.40	....	....	....	.25	....	....	....	.40	....	....	.10	.75	....	....	3.80
Texarkana[3]	Red	1.46	.02	.03	.02	....	....	....	....	....	....	.26	....	T.	....	.05	.20	....	....	....	....	.01	1.23	T.	.64	....	....	T.	.12	....	....	4.04
Tichnor[2]	White	.50	3.50	....	....	....	....	....	....	....	....	....	....	....	....	....	.75	....	....	....	....	....	.40	.50	.25	....	....	....	2.00	....	....	7.90
Turnpike	Arkansas	1.39	2.48	....	.42	....	....	....	....	....	....	.75	.14	.25	.97	2.09	.72	....	....	T.	.20	....	.53	....	.88	.10	....	.21	.72	....	....	11.85
Viola[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Waldron[2]	Arkansas	.12	.10	....	.57	....	....	....	....	....	....	....	.50	.05	....	....	.30	....	....	....	.10	....	....	....	.30	....	....	....	.34	....	....	2.38
Walnut Grove	White	2.33	.13	....	*	1.06	....	....	....	....	....	T.	1.21	....	.76	4.32	.13	....	....	....	....	.16	T.	1.29	.06	....	T.	.16	.30	....	....	11.91
Warren	Ouachita	4.40	.17	.29	....	....	....	....	....	....	....	....	.07	T.	....	....	.87	....	....	....	....	....	1.23	.01	.29	....	....	.16	48	....	....	7.97
Whitecliffs[2]	Red	.50	.50	....	.10	....	....	....	....	....	....	....	.63	....	T.	....	.40	....	....	....	....	....	1.05	.30	.70	....	....	....	.10	....	....	4.28
White Rock	Arkansas	.62	.36	....	....	....	....	....	....	....	....	.72	.25	.32	1.85	3.11	.65	....	....	03	.51	....	.27	.25	.83	....	....	.12	....	.75	....	10.64
Wilson[2]	Mississippi	1.85	1.90	1.15	....	....	....	....	....	....	....	....	....	....	....	....	.55	.65	....	....	.25	....	....	....	.23	....	....	1.13	....	....	....	7.71
Wynne[2]	St. Francis	3 12	.35	....	.32	....	....	....	....	....	....	....	.74	.07	....	....	.43	.41	....	....	.20	....	.14	....	.14	....	.10	....	.95	....	....	6.97

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for April, 1945

(See precipitation data in table on preceding page)

Station	Date	Day of month																														Monthly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	58	64	65	51	42	46	51	56	66	60	70	71	72	67	68	60	52	52	59	65	70	60	64	65	65	58	54	56	59	56	60.0
	Wind move	48	107	62	160	136	43	57	60	101	128	142	72	95	142	48	158	144	51	46	70	38	57	68	15	69	170	38	111	103	25	2570
Hope, Exp. Farm	Evap.	.087	.176	.155	351	.201	.149	154	.171	.138	.187	.240	.108	.108	.146	.138	.323	.249	.181	.221	.166	.148	.314	.054	....	.077	.259	.189	.190	.106	.139	5,125
	Mean tem.	64	69	73	54	46	51	55	58	67	71	70	71	75	75	74	61	58	58	64	69	70	68	71	64	67	58	61	62	60	59	64.0
	Wind move	27	65	30	94	76	32	18	22	30	38	70	40	40	30	30	75	70	25	32	18	20	32	28	32	38	70	38	50	39	30	1239
Nimrod Dam	Evap.	....	.142	.144	.546	.160	.154	.180	.210	.134	.194	.270	.122	.108	.122	.183	.214	.328	.150	.092	.188	.168	.096	.042	.120	.082	.338	.182	.163	.052	.110	4.998
	Mean tem.	56	62	71	50	44	48	52	52	63	70	69	66	72	73	72	60	54	54	59	68	70	60	66	63	63	58	58	57	62	57	60.9
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Russellville	Evap.	.040	.090	.170	.296	.150	.164	.168	.150	.152	.180	.150	.062	.086	.122	.200	.300	.172	.130	.118	.196	.200	.068	.096	.082	.200	.204	.074	.174	.124	.132	4,410
	Mean tem.	62	67	70	62	45	49	55	58	64	66	74	68	78	76	74	64	54	55	64	70	79	70	68	64	71	58	60	60	62	58	64.2
	Wind move	28	46	22	98	32	16	16	19	20	32	37	19	28	23	27	94	31	12	15	14	15	20	17	16	36	58	30	21	23	11	876
Stuttgart, Rice Exp. Farm	Evap.	.013	.127	.174	.139	.149	.124	.140	.132	.185	.224	.298	.070	.177	.063	.070	.005	.112	.168	.164	.046	.031	.022	.034	.114	196	.199	.178	.013	.196	.119	3,682
	Mean Tem.	64	68	72	64	46	51	54	60	66	68	72	72	75	72	72	64	56	57	63	68	68	71	69	66	67	62	60	60	60	58	64.2
	Wind move	75	162	53	200	27	73	40	45	75	90	95	80	95	30	100	175	20	25	60	10	25	46	39	25	95	75	60	30	30	35	1990

Daily Temperatures for April, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	65	78	85	81	57	64	72	70	78	81	75	75	83	83	81	78	70	68	74	82	79	76	74	72	79	78	69	64	68	74	74.4
	Minimum	53	53	54	39	32	29	33	43	51	55	61	58	65	60	60	46	42	37	47	53	55	55	57	55	43	43	46	49	51	40	48.8
Arkadelphia /	Maximum	67	80	86	59	61	70	77	70	84	85	80	80	86	81	78	76	71	76	81	84	83	71	78	71	86	74	74	68	70	78	76.2
	Minimum	53	55	57	51	32	31	35	38	43	52	58	61	62	66	63	50	43	42	43	51	56	59	61	59	48	43	44	51	53	42	50.1
Ashdown	Maximum	68	77	86	54	57	64	72	75	87	84	82	80	82	82	83	79	72	74	88	88	88	78	78	76	86	76	66	68	67	74	76.4
	Minimum	55	57	58	45	33	36	39	50	56	62	60	60	66	67	66	50	45	45	58	59	62	61	64	60	54	46	50	56	50	46	53.9
Batesville Air	Maximum	66	73	83	74	56	62	71	72	77	80	78	76	85	76	78	73	64	68	70	81	83	66	74	71	78	64	65	59	69	74	72.2
	Minimum	55	55	52	37	29	31	35	45	55	55	61	61	68	61	56	49	40	40	41	54	60	56	58	59	50	45	46	50	46	41	49.7
Batesville, Livestk	Maximum	65	73	84	54	56	62	70	71	77	80	77	77	83	75	77	70	63	67	69	81	82	67	72	71	77	68	67	61	69	74	71.3
	Minimum	52	56	51	51	30	30	36	43	57	58	62	61	63	61	57	49	38	37	38	49	57	54	56	57	50	45	40	49	50	39	49.2
Bee Branch	Maximum	67	78	82	81	58	63	69	71	76	79	79	75	83	83	78	78	70	70	71	86	75	73	72	78	76	69	64	63	68	74	73.6
	Minimum	58	69	73	49	34	40	40	60	67	70	50	67	70	62	69	62	45	45	48	58	58	60	59	52	46	46	45	48	44	46	54.7
Benton /	Maximum	68	78	86	55	56	66	72	79	80	82	79	80	84	76	81	73	67	71	76	81	80	64	78	80	81	72	69	67	68	76	74.2
	Minimum	52	55	54	49	29	31	32	35	44	45	58	60	64	65	62	49	39	37	39	41	54	58	58	57	47	43	44	46	52	39	47.9
Bentonville /	Maximum	63	63	81	46	55	63	70	70	71	76	74	75	78	76	73	59	62	62	65	80	80	67	70	57	62	65	66	57	67	69	67.4
	Minimum	37	51	49	33	26	32	33	40	47	57	62	50	53	58	57	45	36	39	42	47	54	55	55	50	43	38	38	47	48	39	45.4
Bethesda /	Maximum	66	72	82	54	56	62	70	72	76	79	76	82	81	75	78	72	64	66	80	82	82	66	72	72	78	72	65	61	68	72	71.8
	Minimum	51	56	48	48	28	29	32	41	56	42	64	60	62	59	57	48	40	38	38	48	57	55	56	58	52	45	42	50	50	40	48.3
Bluff City	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Blytheville	Maximum	66	76	85	73	55	62	71	75	79	83	83	83	83	80	85	72	64	67	71	79	77	65	70	76	80	64	66	59	68	72	73.0
	Minimum	51	58	58	44	34	36	39	48	54	59	60	62	66	61	72	55	43	43	44	53	59	56	59	60	57	49	45	50	50	44	52.3
Booneville	Maximum	66	74	86	81	58	68	75	72	79	82	79	79	..	..	..	71	66	64	76	85	82	79	75	70	83	73	70	66	70	73	74.1
	Minimum	54	58	59	38	28	32	35	43	59	63	60	52	..	..	..	..	63	37	48	57	59	61	59	58	47	44	49	57	49	42	50.4
Brinkley	Maximum	69	78	82	75	56	61	69	73	78	80	82	79	83	77	81	74	66	71	72	81	83	67	77	73	80	67	69	61	69	75	73.6
	Minimum	59	60	62	42	36	37	38	51	56	59	64	64	69	68	65	52	45	41	50	58	57	59	63	62	52	50	48	54	47	42	53.7
Camden	Maximum	68	80	84	81	60	64	74	76	81	81	81	81	88	87	85	81	75	78	82	86	85	76	81	73	73	85	79	74	69	76	78.1
	Minimum	59	66	65	48	51	42	44	50	56	59	66	62	68	66	64	50	46	43	50	54	59	62	64	60	58	46	40	48	51	44	54.7
Camp Robinson	Maximum	67	79	84	77	57	62	70	72	79	80	78	78	87	79	81	85	66	70	75	81	80	73	77	72	84	68	69	66	70	74	74.7
	Minimum	52	50	48	42	36	35	37	46	55	55	64	62	68	63	63	50	45	44	44	44	44	44	43	42	48	47	49	53	49	44	48.9
Conway	Maximum	67	80	87	79	60	67	77	74	82	83	77	79	88	84	83	79	70	75	77	81	84	79	79	72	83	78	70	68	73	78	77.1
	Minimum	56	56	57	45	32	34	38	46	53	54	65	63	73	64	63	50	42	43	52	57	59	60	59	59	51	46	50	53	54	45	52.6
Corning	Maximum	68	74	78	81	57	64	73	77	80	83	83	77	85	80	80	77	65	67	69	81	80	67	70	74	79	79	68	63	71	74	74.1
	Minimum	53	45	51	45	33	34	36	45	53	58	62	61	65	60	54	55	43	44	39	55	58	54	57	59	52	47	44	51	48	41	50.1
Crossett	Maximum	68	86	87	78	57	66	73	76	80	82	83	85	85	83	85	80	72	73	80	79	84	80	82	81	87	76	71	74	71	77	78.0
	Minimum	59	58	55	51	34	33	33	48	50	57	61	65	68	62	60	52	42	42	42	48	54	64	65	62	49	50	47	57	49	41	51.9
Cummins Farm	Maximum	72	77	82	76	54	61	69	71	71	79	82	81	83	81	81	77	65	70	74	83	80	74	76	73	75	80	74	78	67	73	74.9
	Minimum	60	59	60	49	39	41	41	50	54	57	63	65	66	63	64	51	49	45	56	54	57	61	64	61	52	51	52	51	51	45	54.4
Dardanelle	Maximum	68	75	88	83	59	65	75	74	79	82	82	80	87	85	82	81	72	70	74	81	83	80	75	73	83	83	73	68	72	76	76.9
	Minimum	56	58	59	42	32	35	39	46	55	61	66	59	68	63	62	49	44	41	54	58	60	61	59	59	49	45	52	53	55	44	52.8
De Queen	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Des Arc	Maximum	66	77	80	76	54	62	70	70	76	79	78	77	82	79	80	80	68	68	74	77	81	75	74	82	80	87	69	64	66	74	74.2
	Minimum	57	57	59	49	40	42	38	51	58	61	65	63	67	64	61	50	46	44	53	58	59	57	61	61	52	48	52	52	50	45	54.0
Devils Knob	Maximum	60	67	75	71	52	58	65	64	71	72	70	65	76	..	..	72	57	60	64	71	81	69	61	64	73	64	65	59	62	68	66.3
	Minimum	50	55	50	31	27	36	41	48	52	57	56	54	58	..	..	42	38	44	40	54	57	53	53	54	45	37	43	41	41	49	46.6
Dumas	Maximum	71	80	87	79	57	63	72	75	83	83	84	86	87	83	83	82	67	73	78	86	84	82	80	76	86	80	71	69	68	75	77.7
	Minimum	60	59	59	50	37	37	37	50	53	57	63	67	67	63	65	52	45	44	43	54	58	56	63	61	57	50	49	55	47	45	53.4
El Dorado	Maximum	67	84	85	76	58	69	74	75	81	84	83	82	84	85	86	80	75	80	84	83	83	77	80	79	83	74	72	70	72	78	78.1
	Minimum	60	57	61	58	38	40	48	50	51	49	52	53	56	57	65	60	62	62	67	68	70	69	73	69	68	61	60	58	60	61	58.8
England	Maximum	66	84	81	74	56	68	69	74	78	80	81	79	83	75	82	73	65	71	74	82	80	74	76	78	82	79	70	65	70	74	74.8
	Minimum	58	60	52	42	36	38	42	48	56	58	60	58	56	64	66	51	46	58	54	58	61	58	61	62	68	50	58	55	50	54	54.6
Eureka Springs	Maximum	65	62	81	77	55	64	71	70	76	77	75	75	80	78	75	73	62	62	64	82	77	73	69	66	69	64	64	62	65	69	70.1
	Minimum	50	50	51	32	27	35	43	49	57	61	55	54	62	57	56	45	37	41	42	53	56	54	54	51	43	38	45	46	47	41	47.7
Fayetteville	Maximum	65	64	81	76	55	65	71	70	76	77	76	77	79	75	76	72	62	62	68	82	83	73	69	64	73	65	70	64	66	68	70.8
	Minimum	53	51	54	32	26	30	40	47	56	62	56	51	63	57	58	45	36	38	45	54	59	59	56	51	45	38	46	49	49	39	48.2
Fayetteville Exp. S	Maximum	71	61	80	79	53	64	69	69	74	76	74	74	76	77	75	73	61	61	67	81	81	76	69	67	72	64	70	66	64	70	70.5
	Minimum	51	50	51	42	24	31	37	45	55	60	54	49	61	56	57	44	35	37	44	52	57	55	55	50	43	38	43	48	48	38	47.8
Fordyce	Maximum	69	82	86	79	58	67	75	74	78	82	82	81	84	82	83	77	71	75	79	85	84	78	82	81	85	76	73	66	69	77	77.3
	Minimum	57	57	61	47	34	36	44	53	55	60	65	64	67	67	65	46	45	44	51	57	61	62	62	59	50	46	49	54	46	47	53.7
Fort Smith	Maximum	65	72	86	50	58	68	74	73	79	82	76	76	84	78	81	65	58	64	78	81	82	70	71	61	80	70	70	62	69	68	71.7
	Minimum	55	61	50	38	35	40	44	50	57	64	59	57	66	63	54	50	46	46	54	61	63	61	60	52	49	47	54	53	54	49	53.1
Gilbert	Maximum	62	69	84	50	58	67	73	71	80	80	72	74	84	80	80	71	64	66	70	84	84	71	71	72	79	69	70	58	70	73	71.9
	Minimum	40	55	48	46	25	25	29	29	38	60	61	50	54	58	59	48	35	36	38	41	50	53	54	57	52	42	40	47	50	38	45.3
Grannis	Maximum	65	80	83	75	57	66	76	70	78	79	73	75	79	79	78	75	78	72	75	83	80	69	78	71	81	71	70	70	70	72	74.3
	Minimum	54	56	54	38	29	32	36	45	53	56	58	56	64	64	63	53	42	40	49	54	57	58	58	53	45	40	48	51	48	42	49.9
Gravette	Maximum	73	67	84	69	56	64	70	70	77	77	76	75	79	78	72	73	61	64	66	82	82	79	70	67	65	65	66	62	67	68	70.8
	Minimum	47	48	53	32	23	32	40	45	56	62	55	50	62	59	57	44	36	38	43	54	56	57	55	48	42	43	45	48	46	38	47.1
Green Mountain	Maximum	69	70	83	47	50	65	69	69	76	80	85	74	85	75	76	74	61	60	87	85	86	65	69	70	76	70	65	62	68	75	71.5
	Minimum	44	45	52	34	28	29	42	49	57	60	58	57	67	57	56	46	40	39	46	56	57	52	53	50	56	42	45	45	47	44	48.4
Harrison	Maximum	71	65	81	74	65	75	80	70	78	78	74	73	82	78	77	72	63	62	67	82	82	69	68	67	76	66	65	60	67	70	71.9
	Minimum	53	54	51	35	25	28	33	41	57	59	61	51	64	59	58	47	37	38	40	50	59	53	55	56	49	41	43	49	50	40	47.9
Helena	Maximum	67	75	83	81	52	60	69	72	75	80	82	80	88	82	82	79	61	68	72	79	81	79	73	74	80	79	68	66	64	69	74.0
	Minimum	58	58	61	49	36	39	39	51	56	57	61	65	65	65	66	54	45	41	52	55	60	62	62	61	55	47	47	52	49	42	53.7
Hope /	Maximum	70	83	86	57	59	67	74	75	79	82	78	81	84	82	83	73	69	72	77	83	81	75	80	69	84	71	72	70	70	73	75.3
	Minimum	58	55	60	50	32	35	36	41	55	60	62	61	66	68	65	49	46	44	50	55	60	61	62	60	50	45	50	54	50	45	52.8
Hot Springs	Maximum	68	79	89	82	69	69	75	75	83	86	88	80	86	87	85	85	76	71	80	85	86	77	76	87	82	82	73	67	69	76	79.1
	Minimum	56	54	58	40	32	34	44	51	55	59	63	60	60	64	65	47	42	41	49	56	59	59	60	57	49	43	50	52	52	46	51.9
Jonesboro	Maximum	65	75	84	80	55	61	70	74	77	80	81	79	83	82	81	79	63	67	70	80	79	73	71	73	79	78	65	63	69	72	73.6
	Minimum	55	56	57	45	33	34	37	45	51	56	61	61	66	61	57	50	43	41	44	54	61	56	58	60	52	47	46	50	48	44	51.0
Lead Hill	Maximum	63	63	83	78	57	64	73	73	79	80	76	76	84	79	78	75	63	62	69	82	80	77	70	67	76	66	64	60	68	70	71.8
	Minimum	48	45	48	37	25	27	32	39	51	55	62	50	65	58	58	48	36	36	38	51	58	52	56	57	46	44	41	48	50	37	46.6
Little Rock	Maximum	66	78	84	74	56	60	69	71	77	80	80	78	85	75	81	74	65	69	74	81	80	68	76	73	83	67	68	66	69	74	73.4
	Minimum	58	57	60	42	37	40	42	51	56	57	65	63	69	64	66	51	46	46	54	58	61	58	62	59	52	49	52	54	52	50	54.4
Lutherville	Maximum	70	74	80	75	70	63	71	69	72	79	73	76	84	78	78	75	60	68	71	85	84	73	68	71	67	80	75	70	62	71	73.1
	Minimum	50	56	64	39	27	31	36	46	52	59	57	56	67	60	58	47	40	38	47	55	58	58	57	57	57	45	43	48	49	46	50.1
Magnolia	Maximum	66	83	85	78	60	65	73	74	80	83	82	82	84	83	83	83	81	74	79	81	79	75	80	75	84	83	69	68	71	75	77.3
	Minimum	59	55	59	47	33	35	39	51	58	61	67	67	69	67	64	48	48	46	52	57	60	62	64	60	50	45	51	55	50	[illegible]	54.1
Mammoth Spring	Maximum	64	76	81	74	57	65	72	74	78	82	75	72	86	75	76	77	72	62	67	81	81	78	73	73	75	75	68	58	68	70	72.8
	Minimum	53	53	54	41	29	29	34	38	42	51	48	59	60	61	57	51	37	38	37	54	55	54	57	58	52	47	44	49	46	40	47.6
Marianna /	Maximum	72	76	82	59	52	58	68	72	76	82	80	80	83	80	82	68	64	68	72	80	81	67	75	73	79	64	68	60	66	71	71.9
	Minimum	58	59	59	58	37	39	37	58	53	58	62	63	65	65	65	53	46	42	51	53	57	62	62	62	56	49	48	51	49	43	54.0
Marked Tree /	Maximum	67	77	82	62	55	77	70	74	78	81	82	80	83	79	82	65	63	67	71	80	82	70	73	75	80	66	69	57	68	73	72.9
	Minimum	53	56	58	59	37	36	37	39	55	56	59	61	65	66	62	53	47	44	45	45	56	57	57	61	55	49	45	48	51	43	51.8
Marshall /	Maximum	78	82	49	57	60	70	69	79	79	71	74	81	77	72	68	63	64	69	83	83	69	68	70	74	67	67	57	68	70	69	70.2
	Minimum	58	42	44	28	35	36	49	52	60	65	56	57	61	59	48	38	39	40	53	62	56	56	57	52	43	44	47	50	39	45	49.4
Mena	Maximum	64	81	85	77	58	69	75	74	79	82	75	77	83	81	81	74	69	70	78	84	77	73	77	73	82	72	70	66	68	74	74.9
	Minimum	52	58	54	56	29	31	35	47	57	61	58	50	67	67	65	46	43	40	49	57	57	58	54	55	45	42	49	52	51	42	50.9
Monticello	Maximum	71	82	86	60	56	65	72	74	79	81	83	83	84	83	81	74	67	72	76	84	84	71	81	75	83	68	70	72	67	75	75.3
	Minimum	61	58	60	54	34	38	39	56	51	59	63	65	69	64	65	52	49	47	54	59	61	64	61	60	52	49	50	56	49	45	54.8
Morrilton /	Maximum	67	80	87	79	61	63	77	75	82	83	77	81	88	80	80	73	69	76	77	84	84	79	80	72	83	73	72	71	73	77	76.8
	Minimum	53	57	57	46	36	36	39	46	55	57	61	60	61	68	62	62	44	43	51	53	52	58	59	60	49	47	49	52	54	48	52.5
Mountain Home	Maximum	69	66	82	76	56	64	72	70	77	79	79	84	83	80	78	74	60	60	68	80	80	75	72	72	75	66	65	60	68	71	72.0
	Minimum	52	56	50	37	28	30	34	42	53	58	52	52	60	59	58	48	38	37	39	51	58	53	59	57	48	43	44	49	48	39	47.7
Mt. Ida	Maximum	69	78	86	75	57	68	74	73	79	83	72	79	86	77	81	80	68	70	77	85	79	74	75	72	82	72	70	66	76	74	75.2
	Minimum	55	55	60	41	28	27	29	41	59	63	64	54	69	66	68	48	37	36	51	51	56	54	52	55	45	42	45	53	38	36	49.3
Nashville	Maximum	71	80	85	79	59	66	71	74	79	82	81	80	83	81	81	81	70	74	77	82	83	77	79	75	83	77	73	71	71	73	76.6
	Minimum	58	55	57	44	31	34	38	47	54	60	61	59	68	67	65	49	48	45	52	55	58	61	63	59	49	42	53	55	50	44	52.7

Daily Temperatures for April, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Newport	Maximum	67	76	85	61	57	63	71	73	78	80	79	78	83	79	80	77	65	70	71	82	81	73	75	73	80	78	70	65	71	75		73.9
	Minimum	57	58	58	59	38	37	41	50	56	59	65	63	69	63	60	55	48	47	47	58	62	59	60	63	55	49	50	50	51	47		54.5
Nimrod Dam....../	Maximum	65	76	85	54	58	67	73	72	79	83	73	78	84	78	82	73	65	69	74	82	83	62	74	69	81	70	71	63	70	74		72.9
	Minimum	48	47	57	45	31	30	32	32	47	58	65	55	59	68	62	48	42	38	42	52	57	57	58	57	45	45	46	51	53	40		48.9
Oden	Maximum	79	85	77	60	70	74	72	78	83	73	80	83	74	82	72	69	70	77	83	79	77	75	75	82	71	71	62	62	70	69		74.5
	Minimum	62	58	40	30	30	31	47	62	63	61	52	66	66	66	49	40	35	51	53	54	60	61	55	45	45	48	53	50	42	40		50.5
Okay	Maximum	71	79	84	60	67	64	72	73	79	83	82	80	82	83	82	75	72	74	77	82	85	79	79	72	82	73	73	80	74	74		76.4
	Minimum	58	55	59	45	33	36	38	50	56	62	63	59	66	65	65	49	45	46	50	55	60	60	64	59	49	44	50	52	50	43		52.9
Ozark	Maximum	66	72	82	78	60	64	74	71	79	80	76	77	83	79	78	78	64	68	70	80	81	78	75	68	80	68	72	66	70	73		73.7
	Minimum	54	60	59	39	30	36	37	45	56	67	55	56	62	61	61	49	41	40	53	57	60	61	60	58	48	58	44	51	54	44		51.9
Paragould	Maximum	65	75	81	73	53	59	68	72	76	84	80	78	81	76	78	75	62	66	68	77	75	69	70	74	78	73	64	60	67	71		71.6
	Minimum	55	57	58	46	33	33	35	44	50	58	61	63	66	62	58	52	43	40	43	56	58	56	59	61	53	49	45	51	51	42		51.3
Perryville	Maximum	67	79	86	80	75	72	74	72	82	83	78	80	86	82	82	78	72	69	76	82	83	71	82	72	82	79	70	66	70	76		76.9
	Minimum	55	56	56	41	30	32	35	42	52	51	54	56	65	62	62	48	40	38	51	56	56	57	58	57	47	45	43	41	54	40		49.3
Pine Bluff	Maximum	71	80	88	81	57	61	76	71	81	83	88	83	87	83	83	79	70	73	79	83	84	79	83	74	83	79	74	65	70	76		77.5
	Minimum	60	56	60	46	39	49	40	54	56	60	64	66	69	68	67	51	48	49	47	54	56	62	64	60	54	49	46	56	46	49		54.8
Pocahontas	Maximum	69	75	82	80	68	62	70	74	78	81	80	78	83	81	78	76	65	67	68	78	80	78	72	75	77	76	68	63	70	72		74.1
	Minimum	55	49	55	45	31	33	36	43	51	58	63	62	59	60	55	52	39	40	39	55	58	54	58	60	51	47	45	51	46	45		49.8
Portland	Maximum	70	84	86	78	55	65	74	74	80	81	82	80	84	82	82	81	70	75	78	85	84	75	82	80	84	80	72	70	67	75		77.2
	Minimum	60	59	75	51	38	40	41	52	56	57	61	66	67	63	64	52	49	47	51	54	60	64	64	63	55	52	50	56	52	46		55.5
Prescott	Maximum	70	82	86	83	59	67	74	74	80	84	82	81	83	83	84	83	73	75	78	83	83	79	81	83	80	82	73	72	71	74		78.1
	Minimum	59	56	57	49	35	38	40	51	57	60	67	62	66	67	66	50	46	46	52	57	61	62	65	61	51	45	51	55	54	47		54.4
Rogers	Maximum	64	61	82	44	55	63	70	70	75	77	76	75	78	77	73	71	62	62	64	81	79	71	75	65	68	63	66	58	64	70		68.6
	Minimum	49	49	52	32	26	32	38	46	55	62	69	68	63	58	57	45	36	40	42	53	57	55	55	50	43	38	44	47	58	40		48.6
Russellville	Maximum	68	75	85	82	60	65	74	72	79	84	81	78	87	84	81	78	68	70	75	82	82	79	77	70	83	72	71	68	70	75		75.8
	Minimum	56	59	55	43	30	33	36	44	50	58	66	58	69	69	68	50	41	40	53	58	59	60	59	59	59	44	49	52	55	42		52.5
St. Charles	Maximum	68	78	85	86	57	65	82	74	78	82	84	82	83	86	82	85	68	72	74	85	88	83	78	78	82	83	76	74	69	75		78.1
	Minimum	59	58	59	46	37	44	40	50	56	58	62	63	67	66	64	51	49	45	55	55	56	62	62	59	54	50	52	53	50	44		54.2
Searcy	Maximum	67	81	83	75	56	62	71	72	77	80	79	78	83	81	80	77	70	69	72	79	81	74	74	73	81	68	68	64	70	74		74.0
	Minimum	55	56	59	47	32	35	37	46	53	57	64	63	68	63	61	50	43	42	49	57	60	58	60	60	52	47	49	53	52	45		52.4
Sheridan	Maximum	66	80	86	82	56	64	72	73	79	81	81	80	84	82	82	79	68	70	77	82	82	80	78	73	82	80	70	67	70	75		76.0
	Minimum	57	55	52	45	30	33	34	49	55	59	66	63	68	64	64	49	43	40	51	53	57	60	61	57	48	45	47	53	52	42		51.7
Siloam Springs	Maximum	63	64	82	63	55	63	70	69	75	79	74	75	78	75	73	73	62	62	69	82	84	70	70	63	70	66	67	60	65	70		69.7
	Minimum	48	50	54	33	25	31	41	40	57	62	56	50	62	58	58	45	36	38	45	53	59	59	56	48	42	38	42	45	46	38		47.2
Stuttgart	Maximum	70	77	83	79	54	60	69	73	78	80	81	80	84	81	81	74	66	70	73	78	81	78	76	74	81	80	79	67	67	74		74.9
	Minimum	60	58	60	47	52	39	41	50	54	57	63	65	67	66	65	51	46	46	54	57	60	62	63	60	59	48	51	54	41	51		54.9
Stuttgart Evap.	Maximum	70	77	82	80	55	62	68	71	76	79	80	79	82	79	80	76	65	70	72	80	80	78	75	72	79	76	69	66	69	72		74.0
	Minimum	59	59	61	47	36	40	38	50	55	57	64	65	68	66	65	51	46	44	54	57	57	64	63	60	55	48	50	55	51	44		54.3
Subiaco	Maximum	65	67	84	80	57	64	75	70	80	81	78	79	84	80	78	77	63	64	72	79	82	76	72	70	81	68	77	64	67	72		73.5
	Minimum	55	59	52	39	33	36	40	49	59	64	61	54	68	61	61	49	43	40	51	58	60	59	58	59	47	45	51	51	54	45		52.0
Texarkana	Maximum	73	81	84	72	58	65	71	74	79	83	76	80	82	82	82	72	68	74	78	80	81	75	77	68	84	70	70	71	71	74		75.2
	Minimum	56	61	61	40	38	39	44	54	56	64	61	62	68	68	54	50	48	48	53	60	63	62	64	53	51	46	52	56	52	48		54.7
Turnpike	Maximum	64	73	79	64	51	60	68	65	73	75	70	69	78	78	74	72	57	60	65	79	80	70	69	67	76	78	64	59	62	69		68.9
	Minimum	48	53	54	30	26	34	38	47	51	55	59	53	57	55	53	41	36	43	44	53	57	53	51	52	45	37	42	44	44	47		46.7
Waldron	Maximum	66	74	86	80	57	68	74	72	79	82	78	80	84	81	81	78	65	67	77	83	81	77	76	73	84	74	72	66	68	73		75.2
	Minimum	54	59	53	38	27	29	33	41	59	63	61	51	66	64	63	47	40	37	50	53	57	60	59	54	45	45	47	52	48	39		49.8
Warren	Maximum	74	82	86	82	57	66	70	74	80	81	83	82	85	76	85	75	76	72	78	84	83	80	81	79	85	83	69	71	67	75		77.4
	Minimum	61	59	59	50	37	36	42	37	53	57	59	65	69	64	65	52	47	45	53	56	60	64	65	61	52	49	49	56	50	46		53.9
White Rock	Maximum	58	66	78	73	53	58	67	66	73	74	70	67	76	74	72	67	56	61	65	77	79	70	66	62	72	63	63	58	64	66		67.1
	Minimum	49	54	57	29	28	35	35	47	52	56	53	52	58	56	54	42	37	41	45	53	58	55	53	52	43	36	43	45	46	48		47.1
Wilson	Maximum	83	84	85	85	52	60	62	66	74	84	84	84	84	83	83	78	62	66	71	78	76	77	80	72	80	74	69	61	65	71		74.4
	Minimum	52	48	46	45	32	35	38	40	50	59	61	62	60	66	69	51	42	42	43	55	54	52	51	69	57	48	49	50	50	48		50.5
Wynne ...../	Maximum	75	79	85	61	55	62	71	75	78	81	82	79	82	77	80	64	62	65	70	78	79	65	73	73	79	64	62	58	61	71		71.5
	Minimum	53	50	58	60	34	35	37	40	55	60	64	62	64	56	62	52	44	42	44	51	58	59	59	62	56	49	49	52	48	45		52.0

Daily River Stages for April, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	21.8	21.8	22.8	21.4	18.8	15.9	14.6	13.8	13.7	12.3	10.8	10.6	12.2	17.7	29.3	35.9	38.0	37.4	36.1	34.6	32.6	30.8	28.3	25.8	26.2	26.4	25.4	24.5	23.3	21.9
Van Buren	do	22	22.7	22.7	23.5	21.8	20.0	17.3	16.7	15.8	14.7	13.2	11.6	11.4	13.0	18.0	30.5	36.6	38.2	37.6	36.6	35.2	33.4	31.4	29.3	26.7	27.0	27.1	26.2	25.3	24.0	26.6
Danville	Petit Jean	20	26.0	24.1	23.0	21.1	20.1	20.3	18.6	15.8	12.8	10.7	9.2	10.8	15.5	18.1	19.1	15.8	13.0	11.4	9.4	10.3	11.9	11.8	10.8	10.1	12.9	14.6	10.6	8.3	11.5	11.9
Ozark	Arkansas	22	18.8	18.0	18.8	17.8	16.0	14.9	12.1	11.0	10.7	10.0	8.4	7.9	8.9	11.0	23.4	29.0	33.4	35.7	35.9	35.1	33.4	31.2	28.9	25.5	23.0	23.6	23.2	22.2	21.0	19.3
Dardanelle	do	22	24.0	24.2	24.1	22.8	20.8	18.7	16.1	14.4	13.3	12.8	11.8	10.9	11.0	13.2	22.5	29.5	32.3	33.2	33.5	33.2	32.6	32.1	31.2	29.9	27.9	26.8	26.5	25.8	24.9	23.5
Morrilton	do	20	22.8	22.4	23.0	22.0	18.4	15.6	13.2	11.8	11.0	10.1	8.4	8.4	9.3	15.0	22.8	25.8	27.6	29.3	30.2	30.4	29.4	28.5	27.4	24.4	23.8	23.8	23.0	22.4	21.6	20.4
Little Rock	do	23	24.0	23.7	23.9	23.7	22.9	21.6	19.9	17.8	16.2	15.1	14.3	13.1	12.1	11.8	12.7	20.5	23.9	25.7	26.7	27.3	28.0	28.0	27.8	27.4	26.5	25.3	24.3	23.6	22.9	22.0
Pine Bluff	do	25	26.4	26.9	27.0	26.9	26.5	25.4	24.2	22.2	21.1	19.7	18.8	17.9	17.1	16.6	16.4	20.5	25.0	27.7	29.1	30.3	31.1	31.6	31.7	31.2	30.5	29.2	27.8	26.9	26.1	25.3
Gilbert	Buffalo	30	9.7	19.7	13.2	9.5	8.4	7.5	6.9	6.5	6.2	6.0	5.7	7.3	12.0	13.3	40.7	16.0	10.7	8.8	7.7	7.0	7.0	6.8	6.3	7.0	7.0	6.8	6.2	6.2	7.0	6.5
Black Rock	Black	14	27.1	25.8	26.2	25.8	25.1	24.8	24.7	24.5	24.1	23.6	23.0	22.5	22.1	21.7	23.8	26.9	26.6	25.7	25.3	25.2	25.5	25.3	24.9	24.2	23.8	23.1	22.6	21.9	21.4	20.8
OzarkBeachMo	White	30	15.5	23.8	19.2	20.4	14.5	11.9	10.2	8.6	7.6	6.9	6.2	6.0	6.0	13.4	32.8	39.1	37.4	25.2	14.0	11.0	9.9	9.8	10.6	9.6	9.8	9.2	9.0	8.4	8.0	7.4
Cotter	do	21	14.4	19.3	27.4	22.5	21.5	15.6	13.1	11.2	9.8	8.7	8.1	8.0	8.8	13.2	29.1	38.3	40.4	38.0	26.4	14.9	12.4	11.4	11.3	11.6	11.5	11.1	10.4	10.2	9.6	8.9
Calico Rock	do	18	20.4	22.0	32.2	27.8	24.6	20.1	16.1	14.5	12.9	11.8	11.1	11.0	11.5	17.6	36.9	48.8	43.6	42.4	34.9	20.6	15.6	14.3	13.5	13.5	13.1	12.2	11.3	11.3	12.2	11.6
Batesville	do	23	32.4	31.2	30.8	34.4	31.5	29.3	25.1	22.4	20.8	19.3	18.2	17.8	17.7	19.5	30.4	39.4	39.9	39.1	37.9	33.3	25.5	22.3	21.1	20.7	20.5	20.4	19.7	18.9	19.0	18.8
Newport	do	26	31.4	32.6	33.0	33.2	33.4	32.8	32.0	30.9	29.8	29.0	28.3	27.7	27.3	27.1	28.0	31.2	34.9	35.9	35.7	34.9	33.3	31.5	30.5	29.8	29.2	28.9	28.3	27.8	27.3	26.9
Augusta	do	32	35.0	36.7	38.1	38.9	39.2	39.1	38.6	37.8	36.8	35.9	35.2	34.2	35.0	33.6	33.3	33.5	35.6	39.4	40.8	40.7	39.5	37.8	36.3	35.2	34.4	34.0	33.7	33.5	33.3	33.1
Georgetown	do	21	28.1	29.3	31.0	32.0	30.1	29.2	28.5	27.9	27.3	26.6	26.0	25.6	25.3	24.9	24.6	24.5	25.0	26.7	28.2	28.7	28.0	27.0	26.2	25.2	24.9	24.6	24.3	24.0	23.8	23.7
Des Arc	do	24	32.6	33.5	35.0	36.2	34.6	32.9	31.8	31.1	30.4	29.8	29.0	28.4	27.9	27.7	27.4	27.0	26.9	27.5	28.8	30.0	30.2	29.8	29.3	28.1	28.1	27.6	27.0	26.8	26.4	26.0
Clarendon	do	26	33.1	33.3	33.4	33.7	34.3	35.7	37.0	37.8	38.2	38.2	37.9	37.5	37.0	36.5	35.9	35.3	34.7	34.1	38.8	34.2	35.5	37.5	38.8	39.1	38.9	38.4	37.7	37.0	36.3	35.5
St. Charles	do	25	35.2	35.6	35.8	36.0	36.2	36.5	37.0	37.6	38.1	38.4	38.6	38.6	38.4	38.1	37.7	37.2	36.8	36.3	36.0	35.8	35.9	36.4	37.3	38.3	38.9	39.2	39.2	39.0	38.5	37.9
Glenwood	Caddo	..	7.8	8.6	7.2	7.1	6.6	6.4	6.3	6.2	6.1	6.0	5.9	6.6	6.3	6.2	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.8	5.8	6.2	6.1	6.0	5.9	5.9	5.9	5.8
Arkadelphia	Ouachita	17	26.6	25.1	22.2	19.5	15.8	12.4	11.8	10.5	9.8	8.4	7.6	8.2	8.8	8.7	8.1	6.4	10.7	7.9	7.7	7.7	7.6	6.5	7.6	7.7	8.0	8.0	7.9	7.8	8.9	7.1
Boughton	Little Mo	20	22.2	20.8	20.3	18.8	18.0	14.5	13.7	10.1	8.9	7.4	7.0	8.1	10.4	10.8	10.1	9.4	8.4	8.2	7.6	6.9	6.8	6.5	7.1	8.4	9.8	9.2	8.7	7.1	6.8	6.5
Camden	Ouachita	26	31.9	41.9	44.8	43.7	41.7	39.3	37.3	35.4	33.6	32.0	30.0	27.9	25.6	23.9	22.6	21.8	20.3	18.8	19.4	18.3	17.5	16.9	17.9	19.5	21.0	21.8	22.3	22.0	20.6	19.8
Benton	Saline	20	12.8	22.0	15.4	11.2	10.8	9.8	9.0	8.4	8.0	7.6	7.2	7.8	8.9	8.4	7.8	7.6	8.2	7.8	7.3	7.1	6.9	6.8	9.9	9.2	8.9	8.3	7.7	8.0	8.3	7.4
Index	Red	25	28.4	28.2	27.0	26.0	24.6	22.4	20.8	19.6	18.8	17.8	16.9	16.0	15.4	15.2	16.5	20.6	20.2	18.9	17.6	18.4	20.2	20.8	21.3	21.0	20.8	19.9	18.7	18.4	18.5	18.6
Fulton	do	25	35.4	37.3	36.9	35.5	33.4	32.0	30.4	28.7	27.1	25.3	23.4	21.6	20.1	19.0	19.5	21.7	22.2	20.9	19.3	18.4	19.9	20.8	21.6	21.6	21.8	21.2	20.0	19.4	19.0	18.9
Big Lake Outlet	St. Francis	10	16.5	16.9	17.2	17.4	17.5	17.5	17.4	17.2	17.0	16.7	16.4	16.2	15.9	15.7	15.5	15.5	15.9	16.3	16.5	16.7	16.7	16.6	16.4	16.2	15.9	15.6	15.3	15.1	14.9	14.6
St. Francis	do	18	20.1	21.2	21.3	21.3	21.6	21.7	21.8	21.9	21.8	21.7	21.5	21.4	21.5	21.5	22.1	22.6	22.7	22.8	23.1	23.4	23.1	22.7	22.2	22.0	21.7	21.5	21.3	21.3	21.2	21.2
St. Francis L.L.	do	..	26.4	26.9	27.0	27.3	27.6	27.8	28.0	28.1	28.2	28.1	28.1	28.1	28.0	27.8	27.7	27.6	27.5	27.4	27.5	27.6	27.7	27.8	28.0	28.1	28.1	28.1	28.0	27.8	27.6	27.4
Marked Tree	do	17	11.6	14.0	14.5	14.4	14.0	13.7	13.4	13.2	12.9	12.5	12.1	11.6	11.1	10.7	10.7	10.8	11.4	12.1	12.2	12.2	12.0	11.8	11.7	11.4	11.2	11.1	10.0	10.8	10.8	10.7
Parkin	do	28	27.4	29.0	29.6	30.0	30.2	30.4	30.5	30.6	30.7	30.7	30.7	30.6	30.5	30.4	30.2	30.1	30.1	30.0	29.9	29.8	29.7	29.6	29.5	29.5	29.4	29.4	29.4	29.5	29.5	29.4
Madison	do	32	32.4	33.6	33.7	33.9	34.1	34.2	34.4	34.6	34.7	34.7	34.6	34.7	34.8	34.7	34.5	34.4	34.3	34.2	34.1	34.0	33.8	33.5	33.4	33.2	33.2	33.1	33.0	33.2	33.1	33.0
Helena	Mississippi	42	48.2	48.5	48.7	48.9	49.1	49.2	49.2	49.3	49.3	49.3	49.1	48.9	48.6	48.2	47.7	47.0	46.3	45.9	45.3	44.9	44.5	44.3	44.2	44.1	43.9	43.8	43.7	43.6	43.5	43.3
Arkansas City	do	42	44.5	45.1	45.4	45.7	46.0	46.3	46.3	46.3	46.3	46.1	45.9	45.8	45.6	45.3	45.0	44.6	44.3	44.2	44.1	44.2	44.4	44.6	44.9	45.3	45.5	45.5	45.5	45.3	45.0	44.6

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., trace or 0.001 inch or less. [a],[b],[c], etc., number days missing, example, [b]indicates 2 days missing. §Partly interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 11;30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Sparkman, Rt. Sparkman; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—6-27-1945—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

Vol. L Little Rock, Ark., May, 1945 No. 5

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GENERAL SUMMARY

With temperatures averaging over three degrees below normal, this was the coldest May since 1931 in Arkansas. Cool weather prevailed until the 23d, and daily temperatures exceeded 80° infrequently during that period. There was a reaction to warmer weather on the 24th, and the remainder of the month was more seasonable. Most stations recorded their highest temperature of the month on the 29th or 30th and their lowest on the 5th. Sunshine was somewhat below normal.

May was not so wet as the three preceding months although the average precipitation for the State was slightly above normal. A few stations in the northeastern and the central districts measured over seven inches during the month and some eastern stations reported totals of less than four inches. More than two-thirds of the month's precipitation fell between the 7th and 16th. Heavy rain occurred in practically all sections of the State on the 15th and 16th, many stations measuring from two to more than three inches in a 24 hour period.

As a result of the high stages reached in April, some rivers were still in flood at the beginning of May but were falling at most points. The lower portions of the White and Black rivers continued in flood most of the month. The Ouachita, Petit Jean, and Saline rivers were in flood for short periods following the heavy rains of the middle of the month.

May weather was too cool and wet for planting, growth, and cultivation of crops. Much cotton and corn had to be replanted on low land. Oats were being harvested during the latter part of the month. Pastures and meadows continued in good condition. A severe hailstorm occurred in Howard, northern Hempstead, and southern Pike counties on the evening of May 1st. Some of the stones exceeded an inch in diameter. Damage to orchards and truck crops is estimated at $500,000.

TEMPERATURE

The mean temperature for the State as determined from the reports of 78 stations, was 66.2°, which is 2.9° below the 55-year average for May. The highest monthly mean temperature was 71.8° at El Dorado, and the lowest was 61.2° at Turnpike. The highest temperature recorded was 99° at Morrilton on the 29th, and the lowest was 32° at Gravette, Lead Hill, and Mount Ida on the 5th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 103 stations, was 5.23 inches, which is 0.26 inch above the 55-year average for May. The greatest monthly total was 8.76 inches at Benton, and the least was 2.70 inches at El Dorado. The greatest amount recorded in a 24 hour period was 3.95 inches at Alum Fork on the 15th.

B. N. W.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms:---1,2,7,9,10,11,12,14,15,16,21,25,27,28.

Hail:---1,7,8,9,15.

High Winds:---3,4,14,22,25,27.

Heavy Fog:---11,12,13,15,31.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.24	23	29.49	14	9 3	33	nw.	14	85	64	57	61	81
Little Rock	30.30	23	29.56	7	9.1	32	sw	25	84	57	60	60	76
Memphis .	30.28	23	29.50	16	8.6	31	w.	25	84	61	63	55	94

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67 8	95	36	9.52	0 0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0 0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0 0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0 0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70 8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.09	0.0	11	12	10	9
1923	67.2	98	27	8 24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0 0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67 6	97	30	6.21	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6 27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0 0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
1939	69.4	96	34	4 85	0.0	10	13	9	9
1940	66.6	96	33	3.62	0.0	9	17	8	6
1941	71.4	97	40	2.22	0.0	6	14	10	7
1942	68.0	100	36	3.89	0.0	8	13	10	8
1943	71.0	95	38	7.89	0.0	10	10	9	12
1944	70.3	96	28	6.42	0.0	12	10	11	10
1945	66.2	99	32	5.23	0.0	7	13	9	9
Period	69.1	107	24	4.97	T.	9	13	10	8

Corrections for April, 1945.--Camp Robinson, number days .01 or more precip. 14. Date of minimum temperature, Dardanelle 5th; Fayetteville Exp. 5th, Wind direction, Eureka Springs SW; Lutherville W. Total precip. Mena 3.61 inches.

Climatological Data for May, 1945

Stations	Counties	Elevation, feet	Length of record years	Temperature, (degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest in 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	8	65.4	....	91	29†	37	5	7.15	....	3.95	15	0.0	10	12	12	7	n.	L. R. Water Works
Arkadelphia	Clark	200	49	67.0	-3.7	93	30	39	5	6.79	+1.66	3.68	15-16	0.0	7	15	11	5	s.	W. H. Halliburton
Arkansas City	Desha	145	60	....	....	....	....	....	....	3.40	-0.96	2.37	16	0.0	5	20	1	10	....	E. E. Love
Ashdown	Little River	329	1	67.6	....	90	27	46	3†	4.98	....	2.51	15	0.0	4	18	8	5	....	J. F. Ferguson
Batesville Airway	Independence	363	8	63.8	-3.7	94	29	39	5	4.28	....	1.89	14-15	0.0	8	11	10	10	nw.	Airway Observer
Batesville Livestk.	Independence	500	4	63.6	....	91	29	37	11	3.86	....	0.99	15-16	0.0	7	13	10	8	se.	University of Arkansas
Batesville River	Independence	277	45	....	....	....	....	....	....	3.17	-1.73	1.46	15-16	0.0	7	13	5	13	....	C. M. Barnwell
Bee Branch	Van Buren	650	52	65.2	-3.3	90	29	39	5	3.87	-1.25	1.33	15	0.0	8	14	9	8	n.	Minnie Scanlan
Benton	Saline	285	9	63.8	....	89	29	34	6	8.76	....	2.98	15-16	0.0	7	20	7	4	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	62.4	-2.6	89	14	36	5	6.36	+1.25	1.85	15-16	0.0	13	8	17	6	s.	E. L. Brown
Bethesda ***	Independence	500	5	63.6	....	91	29	38	5†	3.86	....	0.95	15	0.0	9	13	7	11	nw.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	14	....	....	....	....	....	....	5.57	+1.14	1.60	9-10	0.0	10	9	9	13	....	N. W Douglas
Black Rock	Lawrence	259	43	....	....	....	....	....	....	4.91	+0.02	1.03	15	0.0	8	13	3	15	....	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Ark. Forestry Com
Blytheville	Mississippi	252	19	65.3	-4.9	89	31	44	3	5.36	+1.75	1.56	29	0.0	8	14	9	8	s.	Maureen K Norris
Booneville 3 miles w	Logan	465	30	68.2	-1.7	92	29	37	5	8.49	+3.07	3.78	14-15	0.0	10	14	10	7	s.	F. H. Randolph
Boughton ***	Clark	235	9	....	....	....	....	....	....	3.82	....	2.41	15	0.0	3	14	4	13	....	Katie B. Moore
Brinkley	Monroe	205	53	66.2	-3.8	92	30	38	5	3.59	-1.80	1.23	15	0.0	9	8	10	13	s.	U. S. Weather Bureau
Calico Rock	Izard	361	40	....	....	....	....	....	....	6.56	+1.78	1.38	14-15	0.0	11	9	5	17	....	William Jones
Camden	Ouachita	116	59	69.6	-1.6	93	31	41	5	4.57	+0.26	3.70	15-16	0.0	4	8	20	3	s.	J M. Knight
Camp Chaffee	Sebastian	419	1	68.2	....	94	30	41	5	7.01	....	2.78	15	0.0	10	8	11	12	se.	U. S. Army
Camp Robinson	Pulaski	463	4	66.2	....	92	30	41	5	6.07	....	2.96	15	0.0	10	3	22	6	s.	U. S. Army
Clarendon	Monroe	172	40	....	....	....	....	....	....	4.00	-0.47	1.59	9-10	0.0	8	13	7	11	sw.	B F. Northern
Conway	Faulkner	309	61	67.7	-2.3	94	29	42	5	5.40	+0.25	2.33	15	0.0	9	16	9	6	s.	E. E. Cordrey
Corning	Clay	293	51	65.0	-3.3	89	31	40	5†	8.39	+3.97	3.00	9-10	0.0	9	13	7	11	w.	Richard Polk
Cotter	Baxter	440	17	....	....	....	....	....	....	6.23	+1.09	1.52	14-15	0.0	10	15	5	11	....	O. B. McSpadden
Crossett 7 miles s	Ashley	175	32	68.4	-3.0	92	29	32	5	3.14	-0.84	1.60	15	0.0	5	20	5	6	s.	U. S Forest Service
Cummins Farm ***	Lincoln	176	1	68.1	....	92	27†	42	5	3.95	....	1.75	15	0.0	6	17	8	6	s.	T. C. Cogbill
Danville	Yell	327	28	....	....	....	....	....	....	6.40	+1.46	1.86	15	0.0	10	12	6	13	....	J. A. Moudy
Dardanelle	Yell	330	58	68.4	-1.9	94	29	40	5	5.01	-0.31	1.52	14	0.0	8	5	18	8	s.	Geo. N. Goodier
DeQueen	Sevier	426	9	67.8	....	88	29	40	5†	5.29	....	2.42	9-10	0.0	6	18	8	5	....	L. D. McCowan
Des Arc	Prairie	204	6	....	....	....	....	....	....	3.80	....	1.55	15	0.0	8	9	4	18	....	Z. R. Glenn
Devils Knob ***	Johnson	2350	8	61.5	....	83	29	37	3†	8.56	....	2.33	15	0.0	12	12	6	13	sw.	U. S. Forest Service
Dumas	Desha	162	39	69.0	-2.4	94	28†	44	18	3.22	-1.40	2.00	15-16	0.0	7	7	13	11	s.	Ben Johnson
El Dorado	Union	270	44	71.8	-0.2	95	31	49	17	2.70	-1.84	2.63	15-16	0.0	3	20	7	4	s.	Mrs. E. W. Gaston
England	Lonoke	229	38	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	O. V. Halbrook
Eureka Springs	Carroll	1465	44	63.8	-2.8	89	28	39	5†	6.82	+0.94	1.72	9	0.0	11	14	7	10	se.	Geo. W. Nichoalds
Fayetteville	Washington	1334	7	64.0	....	87	14	34	5	4.59	....	1.81	14-15	0.0	12	5	13	13	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	57	63.0	-3.5	87	28†	33	5	4.55	-0.86	1.73	14-15	0.0	12	5	19	7	s.	University of Ark.
Fordyce	Dallas	280	4	68.4	....	92	29	42	4	5.89	....	....	....	0.0	7	5	22	4	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	63	67.8	-1.8	91	28	45	5	5.72	+0.90	2.87	14-15	0.0	10	7	15	9	e.	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	7	....	....	....	....	....	....	6.49	....	2.18	15-16	0.0	10	18	11	2	....	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	....	....	....	....	....	....	4.57	+0.15	2.65	15-16	0.0	6	11	11	9	....	Ina J. Logan
Garland	Miller	225	2	....	....	....	....	....	....	4.41	....	3.03	15	0.0	3	13	0	18	....	L. D. Denney
Georgetown, 2 mi. se	White	200	32	....	....	....	....	....	....	4.37	+0.18	1.62	15	0.0	9	22	0	9	....	J. S. McDonald
Gilbert	Searcy	600	19	61.5	....	91	81	33	5	4.32	-0.68	1.20	14-15	0.0	9	17	1	13	s.	D O. Dennis
Glenwood	Pike	547	9	....	....	....	....	....	....	7.33	....	3.50	9-10	0.0	8	11	6	14	....	C. A. Price
Gramnis	Polk	950	25	66.0	-1.6	89	29†	36	17	5.84	+0.07	2.53	10	0.0	9	15	9	7	s.	W. E. McVay
Gravette	Benton	1250	47	63.4	-2.1	86	14†	32	5	5.61	+0.05	1.71	16	0.0	10	8	17	6	sw.	J. A. Schmidt
Green Mountain... †	Stone	1100	7	63.4	....	89	29	49	5†	4.20	....	1.43	15	0.0	8	11	10	10	s.	U. S. Forest Service
Harrison	Boone	1052	44	63.9	-2.3	90	28†	36	5	6.25	+0.89	1.88	14-15	0.0	8	18	6	7	nw.	J. M. McGaughey
Helena	Phillips	300	72	66.7	-4.0	88	30	40	5	3.22	-1.20	1.49	9	0.0	7	12	3	16	sw.	James A Burnett
Hope 3 miles e	Hempstead	375	74	68.0	-3.1	91	29	41	5	5.60	+0.57	3.40	15-16	0.0	6	24	1	6	sw.	Univ. of Arkansas
Hot Springs	Garland	600	52	68.8	-1.4	94	29†	43	18	7.44	+1.76	3.59	15	0.0	9	17	8	6	w.	National Park Service
Index ***	Little River	275	27	....	....	....	....	....	....	3.90	-0.08	2.40	15	0.0	5	17	0	14	....	W. E. McDowell
Jessieville	Garland	750	18	....	....	....	....	....	....	6.72	+1.00	....	....	0.0	8	4	22	5	sw.	U. S. Forest Service
Jonesboro	Craighead	345	49	66.0	-3.6	90	28	43	4†	5.07	+1.02	1.03	29	0.0	12	11	3	17	sw.	Benedictine Sisters
Lead Hill	Boone	650	38	63.8	-3.1	91	28	32	5	5.69	+0.25	1.35	14-15	0.0	12	17	5	9	s.	J. H. Crosswhite
Little Rock	Pulaski	257	65	67.1	-3.2	91	30	43	5	6.99	+1.21	3.56	15-16	0.0	10	8	9	14	s.	U.S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	46	65.5	-2.4	90	28	38	5†	4.95	-0.60	2.65	15	0.0	8	16	12	3	s.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	14	....	....	....	....	....	....	3.02	-0.82	1.15	15-16	0.0	7	10	0	21	....	J W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	69.5	-2.4	91	29	40	5	3.23	-1.20	2.30	15-16	0.0	5	19	5	7	se.	State Agr. School
Mammoth Spring	Fulton	600	40	63.8	-2.7	88	31	37	5†	5.60	+1.01	1.74	9	0.0	11	11	12	8	s.	L. A. O'Neal
Marianna	Lee	235	33	65.8	-4.7	91	30†	41	5	3.73	-0.25	1.37	15-16	0.0	9	16	6	9	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	64.7	-4.5	92	29	44	5†	4.04	-0.80	1.56	9-10	0.0	8	14	9	8	n.	Chas. Walton
Marshall	Searcy	1050	.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	H. W. Wright, Jr.
Mena	Polk	1207	56	67.3	-1.5	92	29	38	5	6.65	+0.48	3.24	15-16	0.0	9	8	15	8	sw.	E. W. St. John
Monticello	Drew	273	4	68.6	....	92	29	41	5	3.78	....	2.03	15	0.0	7	12	12	7	s.	Airway Observer
Morrilton ***	Conway	315	28	68.7	-0.7	99	29	41	5	5.21	+0.69	1.60	15-16	0.0	8	8	12	11	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	7	....	....	....	....	....	....	6.27	....	2.54	14-15	0.0	10	14	9	8	s.	C A. Lovell
Mountain Home ***	Baxter	800	32	63.6	-3.1	89	28†	37	5	6.40	+1.06	1.90	14-15	0.0	10	17	1	13	w.	H. N. Halbert
Mountain Valley	Garland	788	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mount Ida, 2 mi. e	Montgomery	702	45	65.7	-2.3	94	30	32	5	5.73	+0.13	2.75	15	0.0	8	15	9	7	w.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	6	....	....	....	....	....	....	6.92	....	2.55	14-15	0.0	9	10	5	16	....	H. G. Arvin
Nashville	Howard	350	6	68.3	....	90	29	42	4	5.90	....	2.17	15-16	0.0	7	23	0	8	s.	Carter Day
Newport	Jackson	231	61	67.1	-2.9	98	29	45	5	3.98	-0.29	1.30	15-16	0.0	10	13	2	16	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	3	65.0	....	93	29	39	5†	4.92	....	1.50	15-16	0.0	7	17	4	10	se.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	17	64.4^{f}	....	87^{f}	21	36^{f}	12	4.74	-0.09	2.48	14-15	0.0	7	11	12	8	s.	U. S Forest Service
Okay	Howard	288	16	68.8	-2.4	90	7†	39	5	4.35	-0.14	1.91	15	0.0	8	16	9	6	s.	Charles R. Jackson
Osceola	Mississippi	250	44	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	G. M. Serey
Ozark	Franklin	396	49	66.5	-3.0	92	30	39	5	6.09	+0.60	3.72	14-15	0.0	9	14	9	8	se.	Orkney O. Milton
Paragould	Greene	275	21	65.4	....	88	31	44	4†	5.94	+1.68	1.60	29-30	0.0	12	13	9	9	sw.	J. E. Garrett
Parkin, 2mi. w	Cross	222	14	....	....	....	....	....	....	3.04	-0.20	0.88	12	0.0	6	12	7	12	....	Carroll King
Perryville	Perry	325	5	65.8	-1.7	95	29	38	5†	5.53	-0.21	1.37	16	0.0	10	10	18	3	s.	Gordon Bennett
Pine Bluff	Jefferson	215	57	69.5	-1.9	93	20	44	5	4.45	-0.06	2.16	15-16	0.0	7	16	8	7	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	....	....	....	....	....	....	6.25	+0.93	3.55	15-16	0.0	7	11	11	9	sw.	J. R. Huddleston
Pocahontas	Randolph	300	51	65.2	-3.3	88	26	41	5†	6.08	+1.37	2.14	9	0.0	12	10	11	10	s.	Benedictine Sisters
Portland	Ashley	122	38	69.6	-2.1	91	30	44	5	3.76	-0.92	2.12	15-16	0.0	5	19	3	9	s.	Mrs. Pearl Newton
Prescott	Nevada	318	56	69.9	-1.5	92	30	44	5	4.49	-0.32	2.59	15	0.0	5	17	7	7	s.	W. R. Hambright
Rogers	Benton	1300	54	62.1	-3.9	87	29	35	5	5.38	+0.33	2.15	15-16	0.0	11	12	10	9	sw.	Howard Fowler
Russellville	Pope	526	32	67.0	-3.0	92	29	37	5	4.96	-0.55	2.49	15	0.0	10	8	17	6	e.	U. S. Forest Service
St. Charles	Arkansas	175	11	68.4^{a}	....	93^{a}	31	39^{a}	5	3.30	....	1.35	10	0.0	9	14	9	9	sw.	U. S. Bio. Survey
St. Francis	Clay	290	17	....	....	....	....	....	....	8.58	+4.62	3.17	9	0.0	12	16	0	15	....	Wm. S. Buckley
Searcy	White	245	34	66.0	-3.0	90	29†	42	5	5.68	+1.22	2.06	15-16	0.0	12	14	6	11	se.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	4	66.4	....	90	29†	40	5	7.63	....	3.01	15	0.0	9	7	18	6	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	4	63.0	....	87	14†	34	5	4.39	....	1.40	7	0.0	12	5	22	4	s.	John Brown Univ.
Story	Montgomery	650	20	....	....	....	....	....	....	5.20	+0.37	2.40	15	0.0	5	17	5	9	s.	S. C. Story
Stuttgart	Arkansas	214	57	67.8	-2.3	91	30	42	5	4.21	-0.45	1.70	15-16	0.0	7	19	6	6	s.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	9	67.0	....	91	30	39	5	3.96	....	1.54	10	0.0	6	....	....	....	....	University of Ark.

Climatological Data for May, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	46	67.4	− 2.5	93	30	40	5	5.24	+0.01	2.13	14-15	0.0	8	18	8	5	s.	New Subiaco Abbey
Texarkana	Miller	332	60	69.4	− 2.0	90	29	43	17	3.49	−1.03	1.85	15-16	0.0	7	9	14	8	s.	U. S. Weather Bureau
Turnpike***	Pope	2240	20	61.2	......	83	14†	36	3†	4.94	−0.90	2.10	15	0.0	11	16	1	14	sw.	U.S Forest Service
Waldron	Scott	675	25	67.2	......	93	29	34	5	7.06	+1.53	2.80	14-15	0.0	7	5	19	7	sw.	William D Bivens
Warren	Bradley	206	50	69.0	− 2.5	91	29†	43	5	4.48	+0.08	1.68	15	0.0	6	16	10	5	se.	C. N Turner
Whitecliffs	Little River	290	38	. .	.....	.....	.....	.....	.....	4.77	+0.15	2.10	15	0.0	6	20	4	7	......	L. M Snead
White Rock***	Franklin	2285	8	61.5	......	84	28†	36	3†	6.09	......	2.91	14-15	0.0	10	17	6	8	se.	U. S. Forest Service
Wilson	Mississippi	237	19	66.4	− 3.4	93	29	41	4	6.81	+2.55	2.15	9	0.0	8	16	1	14	s.	D. O. Anderson
Wynne	Cross	167	36	65.2	− 4.3	89	30	42	5	2.93	−1.38	....	......	0.0	7	25	2	4	......	Mrs. C. A. Ford
State Means	....	..	..	66.2	− 2.9	99	29	32	5	5.23	+0.26	3.95	15	0.0	8	13	9	9	s.	

Daily Precipitation for May, 1945

Stations	Drainage basin	Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Abbott[2]	Arkansas			.09					.21	.16	1.40		1.33	.06		2.54	1.55						T.				.16						7.50
Alum Fork Reser.	Arkansas		.39					.30		.50	.41	.49	.40			3.95	.36						.27			.08							7.15
Aplin[2]	Arkansas			.38					.48		.78		.72	.28		.90	1.92						.02				T.						5.48
Arkadelphia[2]	Ouachita			.23							2.42		.25	.18		.10	3.58	T.					.03										6.79
Arkansas City[2]	Mississippi			.44					.32				.25	.02			2.37																3.40
Ashdown	Red		.32	T.				T.			1.93	.22				2.51						T.											4.98
Augusta[2]	White			T.					.26	.02	.35		.46	.39		.37	1.52	.06					.04				.73						4.20
Batesville Air'y[3]	White	.34						.23		.56		T.	.50		.35	1.57	.29									.44							4.28
Batesville Livestk[2]	White		.32						.39	T.	.36		T.	.22		.92	.99									T.	.66	T.	T.				3.86
Batesville River[2]	White		.26					T.	.20		T.			.41		.44	1.46	.14								T.	.26						3.17
Beaty Lake	St. Francis		T.	T.				.48		.11	.39	T.	.73			.78	.37	.21				T.				.51							3.58
Beaver[2]	White		.26	.10				.71	.11		1.01		.04			.76	1.10	.04					.09			1.35	.03	1.05		.05			6.70
Bee Branch	Arkansas		.43	T.				.11		.17	.14	T.	.66			1.83	.34									.19							3.87
Beech Grove	White		.60						1.80		1.50			.01		.57	.50	.13					.01			T.	1.08				1.05		7.25
Beedeville[2]	White								1.38	T.	.28		.05	.29		.24	1.15	T.					T.				.21						3.60
Benton[2]	Saline			.63					.45		1.53		2.54	T.		.60	2.98						.03										8.76
Bentonville[2]	Arkansas		.33	.16	.02				.75		1.19		.06			85	1.85						.06			.16		.90		.03			6.36
Bethesda[2]	White		.30						.40		.37			.25		.95	.94										65	T.	T.				3.86
Big Flat[2]	White		.27						1.02					.26		.86	.71	T.								.68							3.80
Big Lake Outlet[2]	St. Francis		.47	T.	T.				.41	T.	1.06	T.	.02	.35		.13	.42	.15									1.18				1.38		5.57
Black Rock[2]	White		.65						.78		.90			.06		1.03		.11									.70				.68		4.91
Bluff City	Ouachita																																....
Blytheville[2]	St Francis		.76	T.					48		1.02		T.			.22	.16	.07									.99				1.56		5.36
Booneville 3 mi. w	Arkansas		.25					.36		.54	.95	.36	1.27			3.78	.42					.36				20							8.49
Booneville[2]	Arkansas			.35					.34	.37	.72		*	1.75		2.60	1.14						.11				.11						7.49
Boughton[2]	Ouachita										1.10	T.	.31				2.41																3.82
Bradford[2]	White								.78	.02	.51		15	.25		.38	1.45	.17					05				.42						4.18
Brinkley[1]	White		.04					.30		.95	.24	.02	.28			1.23	.04	T.								.49							3.59
Burdette	Mississippi	.21	.34					.57	T.	.72	.35		.49			.27	.08									1.10				.73	1.34		6.20
Calico Rock[2]	White		.20					T.	1.07	T.	1.06			.20		1.38	.67	.32	T.							.17	.45	.11		T.	.93		6.56
Camden[2]	Ouachita			.24							.48		.15				3.70																4.57
Camp Chaffee[2]	Arkansas	T.		.22					.37	.06	.42		1.93			2.54	1.03	T.				.02	.02			T.	.40						7.01
Camp Robinson[1]	Arkansas		22					15		.32	.55	78	.38			2.96	.13					.25				.33							6.07
Carlisle[2]	Arkansas			.11				.34			2.48		1.09	.39		.15	1.80																6.36
Clarendon[2]	White			.09					20		1.59		.08	.37			1.45	.12									.10						4.00
Cold Springs[2]	Ouachita			18					.23		.83		1.23	T.		3.00	1.40						.08										6.95
Conway	Arkansas		.18					34		.42	69	34	.72			2.33	.28									.10							5.40
Corning[2]	White	.50	.34						.85		3.00					.40	.35									.65	.15				2.15		8.39
Cotter[2]	White		16					.39	.59	T.	1.03			T.		1.52	1.14					T.	.08			.58	T.	.16			.58		6.23
Crossett	Ouachita			.08					.36		T.	.10				1.60	1.00																3.14
Crystal Valley[2]	Arkansas																																....
Cummins Farm	Arkansas		.50					.30			.45		.40			1.75	.55																3.95
Danville[2]	Arkansas			.12					.46	.10	.60		1.05	.33		1.80	1.86						.05				.03						6.40
Dardanelle[2]	Arkansas			.10					.41		.71		.65	T.		1.52	1.26						.15				.21						5.01
De Queen	Red		.23								2.42		.67			1.65	.15					.17											5.29
Dermott[2]	Mississippi			.80					.50		.02		.30				2.76																4.38
Des Arc[2]	White			.10				T.	.42		.85		.43	.35		.04	1.55	T.									.06	T.					3.80
Devils Knob	Arkansas		.40					.24	T.	.80	.20	.80	.46	.30		2.33	1.10					.44				.69		.80					8.56
Dumas	Mississippi	T.	.40	.05				.26			.40		.11			1.37	.63									T.							3.22
Eagle Gap[2]	Arkansas		.57	.22				T.	.05	T.	1.00	T.	1.52	.14		3.70	1.25	T.				T.	.09										8.54
El Dorado[2]	Ouachita			.03								.04	T.				2.63	T.															2.70
Eleven Point[2]	White		.53		.01			T.	.58	T.	2.43		.08			.58	.40	.22					T.			.80					.21		5.84
England	Arkansas																																....
Eureka Springs	White	.40	.10					.63		1.67	.05					1.05	1.15	.05				.12				.85		.75					6.82
Evening Shade[2]	White		.33						.43	T.	1.00					.70	.90	T.				T.				.39	T.				.42		4.17
Fayetteville	White		.06	T.				1.07	.02	.02	.02	.01	.13			1.81	.90	T.				.17				.26		.12		T.			4.59
Fayetteville Exp. S	White		.10	.01				1.14	T.	.03	.02	.03	.10			1.73	1.05	T.				.07				.14		.13		T.			4.55
Fordyce	Arkansas			.55				.45			1.50	.15	.10			*	3.14																5.89
Forester[2]	Arkansas																																....
Fort Smith[1]	Arkansas	T.	.16	T.				.32		.30		.52	.52		.76	2.11	.40					.36				.27	T.	T.					5.72
Fort Smith W.[2]	Arkansas			.19			.05		.38		.10		.69			1.88	2.18					*	.72				.30						6.49
Fulton[2]	Red		T.	.23					.15		1.17	.35	.02				2.65	T.															4.57
Garland[2]	Red										1.05	.33	T.				3.03																4.41
Georgetown[2]	White		.05	.02					.40		.60		.50	.40			1.62	.03									.75						4.37
Gilbert[2]	White		.35						.75		.35			.15		1.20	.80									.20	.45	.07					4.32
Glenwood[2]	Ouachita		.09	.06				.03			3.50		.82			.14	2.41						.28										7.33
Grannis	Red		.32				T.	.04		.23	2.53	.17	.57	T.	T.	1.65	.28					.05						T.					5.84
Gravelly[2]	Arkansas																																....
Gravette	Arkansas	.18	.06					1.09		.91			.06			.53	1.71					.09				.05		.93					5.61
Green Forest	White	.20						.68		.82	.03	T.	.07			1.62	.67					.24				1.50		.82					6.65
Green Mountain	White	.25	T.					.67		.40	T.		.25			1.43	.30									.75		T.			.15		4.20
Greenwood[2]	Arkansas			.10					.20		.80		2.35			2.15	1.15						.05				.85						7.65
Harrisburg[2]	St. Francis		.15						.35		.35	.95	.10	.30			.30	.35								.55							3.40
Harrison	White	.28						.91		.89			.13			1.88	.57									.96		.63					6.25
Helena[2]	Mississippi			.08					.48		1.49		.05	.16			.94										.02						3.22
Henderson[2]	White		.48					*	1.00		2.00	.21		.15		1.74	.44					.05				*	.30				.50		6.87
Hollis	Arkansas																																....
Hope[2]	Red	T.	.50	.22				T.	T.		1.15	.13	.20				3.40						T.										5.60
Hot Springs	Ouachita		.16					.69		T.	1.28	.73	.37			3.59	.37					.05	.20			T.							7.44
Huttig[2]	Ouachita			.06					.09		.08		.18				2.39																2.80
Index[2]	Red			.05							.95	.30	.20				2.40																3.90

Daily Precipitation for May, 1945 Continued

Stations	Drainage basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jessieville	Ouachita		.35					.15			.73	1.20				*	4.17					.06				.06							6.72
Jonesboro[2]	White		.38		T.				.39	.01	1.02		.03	.34		.38	.60	.01					.04				.84				1.03		5.07
LaCrosse[2]	White		.25						.62		1.04			.20		1.34	.84									.58	.04				.24		5.15
Lake City[2]	St. Francis		.32						.30		.52		.25			.32											.44			.98			3.13
Lead Hill	White	.18	.01	T.				1.20	T.	1.27	.03	.06	T.			1.35	.53					.15				.84		.05		.02			5.69
Little Rock[1]	Arkansas		.15	T.				.14		.91	.24	1.55	.35		T.	3.49	.08	T.				.02				.06							6.99
Lutherville	Arkansas		.20					.19		.26			.70			2.65	.45					.05				.45							4.95
Madison[2]	St. Francis								.34		.65		.05	.45			1.05	.10									.38						3.02
Magnolia	Red		.06								.82	.05				2.15	.15																3.23
Mammoth Spg[2]	White		.35	.02					.89		1.74			.06		*	1.13	.57								*	.71				.13		5.60
Marianna[2]	St. Francis			.02					.37	.01	1.00		.05	.23			1.37	.02									.66					T.	3.73
Marked Tree[2]	St. Francis		.10						.45		1.56			.68		.20	.40	.24									.41						4.04
Marshall	White																																....
Marvell[2]	White							.42			1.54		.42				1.04									.21							3.63
Mena[2]	Ouachita		.63	.08				T.	.11	T.	.76	T.	1.44	.16		1.35	1.98	T.					.14										6.65
Monticello[1]	Ouachita		.40					1.13		.02	.10	.07				2.03	.03																3.78
Morobay[2]	Ouachita			.07							.09	T.	.05				2.10	T.															2.31
Morrilton[2]	Arkansas			.20					.31		95		.35	.65		1.05	1.60										.10						5.21
Mountainburg	Arkansas		.21					.46		.09	.03	.26	.47			2.54	1.32					.70				.19							6.27
Mountain Home	White	.35						1.00		.90	.40		.20			1.90	.45									.30				.60	.30		6.40
Mountain Valley	Ouachita																																....
Mountain View[2]	White		.23						.35		.56					*	1 75	.27								.63							3.79
Mount Ida	Ouachita		.27					.04			1.65	.40	.23			2.75	.32					.07											5.73
Mulberry[2]	Arkansas			.46					.35	T.	.37		1.00	.05		2.55	1.51						.40				.23						6.92
Nashville	Red		1.52					T.		T.	1.28	.10	.47			2.04	.13					.36											5.90
Newhope[2]	Ouachita																																....
Newport[2]	White		.12						.37	.77			.07	.33		.45	1.30	.05								.02	.50						3.98
Nimrod Dam[2]	Arkansas			.15					.40		.72		1.10	.10		.95	1.50																4.92
Odell[2]	Arkansas			.27				.05	45	.02	.02		.36			1.35	.97	.05				.42	.07			.31							4.34
Oden	Ouachita		.12								1.14	.23	.51	.03		2.48						.23											4.74
Okay	Red		.07	.20				T.			1.51	.12	.17			1.91	.15					.22											4.35
Osceola[2]	Mississippi																																....
Ozark[3]	Arkansas			.31					.25		.14		.93	.04		1.97	1.75					T.	.26				.44						6.09
Paragould	St. Francis	.29	.34					.50		1.06	.28		.11			.64	.16					01				95				.82	.78		5.94
Parkin[2]	St. Francis								.44		.55			.88			.58	.16									.43						3.04
Perryville[2]	Arkansas			.23					.53	.16	.64		.20	.87		1.36	1.37						.01				.16						5.53
Pine Bluff[2]	Arkansas			35					.20		1.40		.16	.12			2.16	.06															4.45
Pine Ridge[2]	Ouachita		.09		.27							1.39	.80			1.81	1.74						.15										6.25
Pocahontas	White	.32	.12	T.	T.			.98		1.00	1.14		.10			1.03	.17					.03				.75				.05	39		6.08
Portland[2]	Ouachita			.40					1.09		T.	T.	.10				2.12	.05								T.							3 76
Prescott[2]	Ouachita		.27	.16				T.				1.08	.39		T.		2 59						T.										4.49
Ratcliff[2]	Arkansas		.17				1.00				08					1.90	1.02				.10						.28						4.55
Red Star	White							.62		.13	.04	T.	.33			2.95	1.10					.35						32					5.84
Rogers	White	.23	.13					.62		1.13	.03					.85	1.30					.02				.50		.85	T.	.02			5.68
Rosebud	Arkansas																																....
Russellville	Arkansas		.16					.36		.21	.41	.09	.49			2.49	.39					.03				.33							4.96
St. Charles	White			.16				.33			1.35	.11	.02	.11		.75	.46									.01							3.30
St. Francis[2]	St. Francis		1.43	.08	.03	T.			1.78		3.17					.32	.35	13					.03				.61			.03	.62		8.58
Searcy[2]	White		.15	.04					.61	T.	.53		.22	.31		.62	2.06	.28					.10				.72	.04					5.68
Sheridan	Ouachita	.02	.46					.67			1.95	.58	.37			3.10	.44					.04				T.							7.63
Shirley[2]	White			T.					.30	T.	.47		.74			1.24	1 14										.30	.10					4.29
Siloam Springs	White	T.	.11	.05				1 40	.01	.40	T.	T.	.08		.04	.86	1.27	.03				.06				T.		.08					4 39
Sparkman	Ouachita		.29					.14			.95	.18	.26			*	3.71																5 53
Stamps	Red		.04	.13				T.		T.	1 10	.12	T.			2.20	.62					T.											4.20
Stephens[2]	Ouachita																																....
Steve[2]	Arkansas		.52								.75		*	1.72		*	2.10																5.09
Story[2]	Ouachita										1 04		.94			.70	2.40										.12						5.20
Stuttgart[2]	Arkansas			.29					.50		1.26		.16	.26			1.70	.04															4.21
Stuttgart Evap.	Arkansas		.20	T.				.38			1.54		.11			1.33	.40																3.96
Sublaco[2]	Arkansas			20					.24	T.			.55	79		2.13	1.11						.06				.16						5.24
Sugar Grove[2]	Arkansas			.40					.50	.20	.90		1 15			3.55	1.06						T.				T.						7.76
Texarkana[3]	Red	T.	.11					.05		.59	.79	.10	T.			1.84	.01					T.											3.49
Tichnor[2]	White			.35					.31		.46						2.00	.10															3.22
Turnpike	Arkansas		.05					.14	.01	.57	.18	.25	.46			2.10	.70					.18				.30							4.94
Viola[2]	White																																....
Waldron[2]	Arkansas			.17					.28		.72		.82	.50		2.80	1.77																7.06
Walnut Grove	White	.15	T.					.40		.45	.22	T.	.22			1.45	.26									.35					.07		3.57
Warren	Ouachita			.36				1.11			.25	.29	T.			1.68	.79	T.				T.											4.48
Whitecliffs[2]	Red			.10							1.90	.20	.10				2.10					.37											4.77
White Rock	Arkansas		.05					.45	T.	.10	.05	.09	.38			2.91	1.06					.55				.45							6.09
Wilson[2]	Mississippi		.15						.80		2.15			.53		.25	1.23										.50				1.20		6.81
Wynne[2]	St. Francis		.35		.32			.48		.53						.50	.25									.50							2.93

Daily Evaporation [inches], Mean Temperature [F°], and Wind Movement [miles] for May, 1945

(See precipitation data in table on preceding page)

Station	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
Bethesda	Evap.	.204	.222	.225	.047	.426	.190	.070	.276	.168	.094	.134	.158	.144	.527	.269	.184	418	.100	.060	.194	.312	.210	.282	.222	.414	.165	.325	.289	.270	.249	.199	6.321
	Mean tem.	60	59	52	53	56	60	66	54	54	54	50	64	66	70	62	65	50	56	60	70	72	62	60	64	64	73	77	76	76	78	73	63.6
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hope, Exp. Farm	Evap.	.129	.282	.244	.173	.188	.221	166	.287	.247	.212	.112	.051	.085	.124	.228	....	.109	.173	.186	.210	.290	.115	.223	.226	.238	.266	.240	.251	.272	.232	.275	6, 257
	Mean tem.	65	68	55	58	58	64	74	62	70	66	54	66	72	78	71	56	58	62	69	71	72	62	66	68	74	78	78	76	78	79	77	68.0
	Wind move	13	50	51	74	50	23	37	85	30	32	48	30	18	12	40	50	87	43	15	25	38	47	23	12	20	30	30	35	35	30	30	1143
Nimrod Dam	Evap.	.208	.130	.230	.090	.212	.256	.248	.172	172	.030	.056	.000	.148	.126	.420	.098	.116	.084	.188	.240	.356	.184	224	180	.364	.100	.220	.110	.340	.318	.320	5.934
	Mean tem.	62	66	53	55	56	64	67	58	58	59	58	64	70	73	61	52	54	57	61	70	72	62	63	66	70	77	75	76	82	76	76	65.0
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Russellville	Evap.	.156	.108	.188	.186	.168	.250	.110	.176	.092	.054	064	.064	.200	.224	.180	.100	.119	.120	.190	.242	.178	.224	.306	.224	.166	.190	.300	.274	.250	.246	.268	5, 658
	Mean tem.	66	64	54	57	56	63	70	56	60	60	53	67	71	74	72	58	55	58	68	72	76	64	64	68	76	77	84	80	84	79	76	67.0
	Wind move	21	17	68	45	18	19	26	25	21	20	23	19	20	21	28	38	67	16	35	21	25	43	18	17	15	12	25	17	15	14	19	788
Stuttgart, Rice Exp. Farm	Evap.	.159	.128	.151	.189	.283	.133	.130	.209	.159	.109	.007	.038	.249	.317	.122	.095	.058	.052	.167	.250	.218	.232	190	.234	190	.175	.288	.308	.273	.345	.237	5, 695
	Mean Tem	64	66	53	58	55	62	64	59	68	68	56	68	72	72	65	63	58	57	58	72	73	64	65	70	74	77	78	78	80	78	84	67.0
	Wind move	85	45	125	35	90	75	130	35	15	100	80	20	20	200	130	72	99	42	15	52	150	45	35	30	80	40	80	30	90	45	65	2205

Daily Temperatures for May, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	78	79	60	65	73	78	79	78	72	72	58	78	83	85	81	65	63	71	79	85	84	76	79	83	85	88	85	88	91	91	87	77.9
	Minimum	47	53	39	46	37	44	56	43	48	55	45	54	56	67	57	49	44	40	47	58	62	51	46	50	58	63	64	65	69	62	63	52.8
Arkadelphia /	Maximum	83	85	67	71	79	84	84	77	84	74	60	76	87	87	65	65	70	76	84	90	79	80	85	88	89	91	89	90	92	93	91	81.1
	Minimum	44	55	44	43	39	44	52	46	45	56	52	52	58	54	62	56	46	44	47	58	62	46	48	51	54	63	65	64	65	64	62	52.8
Ashdown	Maximum	78	76	65	64	78	72	76	72	83	82	73	80	80	84	73	60	66	73	86	86	77	76	74	86	88	89	90	85	86	87	84	78.4
	Minimum	55	58	46	46	46	54	64	50	58	62	54	59	61	62	58	50	43	49	58	63	62	48	54	55	67	68	68	65	67	68	66	56.6
Batesville Air	Maximum	68	70	60	67	75	80	72	73	57	61	61	74	84	84	65	69	55	67	74	86	76	77	80	85	85	88	87	90	94	89	89	75.5
	Minimum	53	50	43	40	39	41	42	41	50	45	40	55	53	63	60	50	46	49	46	57	56	47	45	48	58	62	69	66	67	65	69	52.1
Batesville,Livestk	Maximum	67	68	60	67	74	79	70	70	57	60	62	77	84	82	64	67	56	68	74	85	75	75	78	82	83	86	88	88	91	87	86	74.5
	Minimum	52	53	44	41	38	40	63	39	49	50	37	46	51	66	59	59	45	46	45	53	67	50	43	47	61	58	66	63	71	69	60	52.6
Bee Branch	Maximum	73	74	64	66	70	79	78	72	68	60	60	77	82	83	78	66	57	70	76	84	83	78	79	82	84	88	86	88	90	89	86	76.5
	Minimum	54	56	58	40	39	51	58	43	50	43	44	51	58	64	60	50	40	41	49	54	62	51	50	52	60	64	67	64	70	64	65	53.9
Benton /	Maximum	78	79	61	68	68	79	80	71	77	68	60	75	85	85	85	62	64	72	79	86	77	77	80	83	85	88	85	87	89	88	87	77.7
	Minimum	44	51	44	37	35	34	41	41	48	56	49	51	56	60	54	51	45	39	45	50	62	43	45	45	51	60	62	62	66	60	58	49.9
Bentonville /	Maximum	74	61	59	64	76	81	61	66	59	58	69	80	86	89	61	49	60	77	82	85	73	74	81	82	86	87	84	87	88	88	85	74.6
	Minimum	43	48	39	40	36	37	54	39	40	46	44	47	55	61	51	42	40	38	45	57	63	44	47	52	59	59	62	66	69	65	64	50.1
Bethesda /	Maximum	67	66	60	66	73	80	70	68	57	61	62	75	83	83	65	72	56	67	74	86	76	75	77	82	86	86	88	88	91	88	87	74.1
	Minimum	52	52	44	40	38	39	62	39	50	50	38	54	59	56	58	58	45	46	45	55	68	48	44	46	57	60	66	63	71	69	60	52.4
Bluff City	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Blytheville	Maximum	71	65	63	66	73	80	69	70	63	62	67	70	82	85	75	73	56	62	74	84	80	79	79	87	79	89	86	86	85	82	89	75.2
	Minimum	52	53	45	47	45	47	59	44	51	55	44	57	56	64	62	56	49	50	45	46	66	52	52	57	61	64	64	70	70	65	68	55.4
Booneville	Maximum	81	80	64	69	74	82	79	72	72	69	62	83	87	87	83	65	67	77	83	87	82	79	83	85	87	86	86	90	92	91	88	79.8
	Minimum	60	52	43	42	37	47	58	42	52	59	57	56	59	72	60	48	45	47	55	62	69	45	50	54	69	74	68	66	72	64	70	56.5
Brinkley	Maximum	75	73	63	69	75	79	79	71	73	70	62	76	84	85	76	70	58	67	76	84	80	78	80	85	83	92	88	90	91	92	90	77.7
	Minimum	50	52	47	46	38	43	50	43	53	50	48	58	57	67	62	53	48	52	46	57	64	50	47	50	60	66	69	70	69	64	64	51.6
Camden	Maximum	81	83	65	72	77	79	86	78	85	81	75	84	89	89	89	64	66	76	84	85	79	80	84	81	87	89	89	90	91	91	93	82.0
	Minimum	52	60	46	46	41	57	47	48	59	61	52	59	58	65	56	54	48	49	55	59	64	53	54	56	67	67	67	65	69	68	67	57.1
Camp Robinson	Maximum	80	75	60	68	74	80	83	72	74	68	59	74	85	85	78	66	59	74	77	88	78	78	79	84	91	90	87	89	91	92	89	78.3
	Minimum	52	56	47	45	41	47	54	45	55	53	49	49	49	49	48	51	47	44	51	60	65	47	50	52	66	65	68	74	71	65	65	54.2
Conway	Maximum	81	76	62	71	77	82	79	74	67	66	64	78	86	86	82	62	60	75	79	89	82	81	82	87	87	91	88	92	94	93	90	79.5
	Minimum	53	53	47	46	42	47	61	44	53	57	50	55	58	67	62	55	48	43	51	58	66	48	51	53	63	64	69	66	62	67	65	55.9
Corning	Maximum	71	70	68	67	76	82	77	78	78	61	67	73	84	85	83	70	63	69	75	87	79	79	81	81	80	88	88	85	85	82	89	77.5
	Minimum	47	45	44	44	40	43	46	41	40	41	42	56	53	64	61	58	48	49	47	55	64	47	48	52	59	60	67	69	68	63	66	52.5
Crossett	Maximum	79	80	76	71	75	81	85	79	87	83	77	86	88	87	82	64	65	78	84	88	84	76	83	88	90	90	90	89	92	91	90	82.5
	Minimum	48	59	45	41	37	44	65	48	49	62	55	63	54	64	59	58	49	40	50	54	62	55	45	47	57	63	63	63	64	63	61	54.4
Cummins Farm	Maximum	77	75	62	67	72	79	80	71	80	74	62	80	84	85	82	68	62	69	77	86	82	74	81	86	87	91	92	91	92	92	92	79.1
	Minimum	55	59	46	45	42	47	62	49	65	60	52	60	61	67	58	58	48	45	52	58	64	51	51	53	62	66	66	66	70	66	66	57.1
Dardanelle	Maximum	82	80	65	70	76	83	79	73	70	66	65	76	87	88	85	64	64	74	84	89	88	80	82	87	88	91	89	92	94	92	92	80.6
	Minimum	53	55	45	44	40	46	65	43	56	56	50	56	58	69	62	52	47	43	54	60	66	50	50	54	64	65	69	68	74	67	65	56.3
De Queen	Maximum	80	82	65	70	75	75	85	74	80	78	72	79	82	85	83	61	72	75	82	83	80	80	80	84	85	86	85	87	88	87	87	79.6
	Minimum	51	55	46	41	40	51	67	47	59	61	52	57	63	63	57	49	40	45	55	59	58	45	52	55	66	67	68	65	69	65	65	55.9
Des Arc	Maximum	76	87	65	67	72	78	78	77	70	65	60	72	82	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	90	90	....
	Minimum	52	55	45	44	40	47	65	44	55	57	48	55	56	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	59	60	....
Devils Knob	Maximum	71	71	56	61	68	75	69	65	54	57	56	70	80	82	74	56	52	69	72	80	75	71	74	77	79	80	79	79	83	82	79	70.8
	Minimum	53	48	37	40	43	55	49	45	47	49	42	50	60	66	55	42	37	41	48	59	58	46	56	47	55	66	61	66	68	64	65	52.2
Dumas	Maximum	80	78	65	69	75	80	84	83	85	80	65	83	87	89	79	71	59	72	80	89	82	79	82	88	89	63	91	94	93	94	93	81.6
	Minimum	54	63	47	45	45	47	53	54	47	60	53	61	63	66	60	56	50	44	50	57	65	52	50	53	62	67	68	65	69	59	59	56.3
El Dorado	Maximum	75	72	73	71	77	81	89	74	85	77	70	88	90	89	79	75	60	74	84	88	85	78	82	89	90	90	91	91	93	93	95	82.2
	Minimum	58	57	60	57	60	61	62	57	65	61	63	66	67	66	65	55	49	53	60	65	60	55	63	64	64	64	65	65	65	65	66	61.4
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	67	64	58	64	71	81	79	66	64	57	70	79	85	87	82	54	55	74	80	85	81	72	80	81	84	86	84	89	86	86	83	75.3
	Minimum	52	50	40	41	39	49	48	39	45	48	42	53	58	69	48	43	40	40	53	63	63	45	48	55	57	65	62	68	70	65	66	52.4
Fayetteville	Maximum	76	73	58	63	72	81	73	66	60	62	67	81	86	87	79	54	58	77	80	85	81	73	81	82	84	86	83	86	87	87	85	75.9
	Minimum	48	48	39	39	34	45	50	38	51	50	47	53	55	70	48	42	40	38	56	63	62	43	45	58	60	63	62	70	71	65	62	52.1
Fayetteville Exp. S	Maximum	75	74	61	61	70	79	75	65	65	62	66	80	83	86	83	53	58	75	78	83	80	71	79	80	85	85	83	87	88	87	85	75.5
	Minimum	51	45	38	35	33	46	49	37	50	49	45	52	54	69	47	41	39	37	52	62	61	41	44	52	58	62	61	61	69	64	62	50.5
Fordyce	Maximum	80	84	63	72	76	81	85	75	81	76	62	82	86	86	79	62	67	76	81	87	81	81	84	87	87	91	88	90	92	87	89	80.6
	Minimum	53	56	44	42	44	52	65	48	51	60	53	59	60	67	57	54	47	45	48	52	50	50	52	56	67	68	68	67	69	68	69	56.2
Fort Smith	Maximum	79	73	61	66	75	81	77	70	70	65	59	81	87	90	65	57	67	77	86	90	75	77	83	86	87	88	87	91	90	91	88	78.0
	Minimum	56	53	47	47	45	53	55	48	54	56	50	56	62	61	57	47	46	49	57	64	56	51	54	60	68	69	72	71	76	71	72	57.5
Gilbert	Maximum	66	68	60	65	75	81	66	71	55	55	65	82	85	87	62	52	55	75	79	88	77	76	81	82	88	89	86	91	90	90	87	75.1
	Minimum	39	49	44	40	33	34	39	38	39	49	40	41	55	55	59	49	44	40	43	49	60	42	42	43	45	58	63	63	65	67	57	47.9
Grannis	Maximum	78	84	64	69	75	80	86	74	79	73	61	82	85	85	79	60	70	76	82	83	80	72	81	85	85	87	87	87	89	89	86	79.1
	Minimum	48	52	42	38	39	49	56	42	54	57	48	52	60	66	52	44	36	42	57	57	62	45	50	51	63	63	65	62	66	61	63	53.0
Gravette	Maximum	75	73	64	65	73	79	74	65	60	60	67	82	85	86	80	51	63	77	79	85	80	75	80	82	85	85	82	86	85	86	85	75.9
	Minimum	50	43	39	37	32	46	49	36	46	48	45	54	56	69	46	42	40	39	55	61	61	40	48	50	54	63	60	68	69	66	64	50.8
Green Mountain	Maximum	69	64	60	66	70	75	78	68	63	59	58	75	84	83	79	65	53	65	75	80	84	74	77	81	79	85	85	87	89	86	85	74.2
	Minimum	44	52	42	46	40	55	50	45	47	42	40	48	55	60	67	48	41	44	42	57	60	50	55	57	55	65	63	68	70	64	62	52.7
Harrison	Maximum	64	64	62	63	73	81	76	69	65	59	69	79	85	88	85	56	52	73	81	82	82	74	80	83	85	88	85	90	90	89	86	76.1
	Minimum	49	53	42	42	36	42	53	38	47	50	40	54	53	69	52	45	42	41	51	62	62	47	44	50	57	62	53	68	71	67	61	51.7
Helena	Maximum	73	71	66	65	68	76	75	70	77	74	60	77	82	83	80	74	65	63	73	83	82	76	79	83	82	87	86	87	87	88	87	76.7
	Minimum	53	58	45	43	40	51	57	44	54	57	50	58	59	67	62	60	47	51	47	59	64	50	48	57	63	68	69	68	71	68	69	56.7
Hope /	Maximum	80	82	63	70	74	81	89	75	85	74	63	79	86	88	72	57	71	78	84	86	78	78	82	87	88	89	88	89	91	90	89	80.2
	Minimum	50	55	47	45	41	48	60	50	55	58	53	52	59	68	70	54	44	46	54	56	65	47	50	50	59	67	67	63	65	68	65	55.8
Hot Springs	Maximum	89	81	63	70	77	83	79	75	79	77	59	77	86	87	88	62	67	77	81	88	85	82	84	87	87	90	90	89	94	94	94	81.3
	Minimum	55	57	45	45	45	53	51	44	51	58	49	55	61	68	58	50	45	43	52	61	64	47	51	53	66	69	68	68	70	70	69	56.3
Jonesboro	Maximum	73	67	65	67	73	80	78	71	68	62	64	73	85	86	83	71	64	64	75	85	83	77	81	84	83	88	87	90	89	87	89	77.2
	Minimum	52	53	45	43	43	49	58	43	51	52	43	56	54	63	61	60	47	49	45	54	65	50	51	52	60	64	69	69	69	66	66	54.9
Lead Hill	Maximum	65	66	60	64	73	83	77	70	65	57	80	77	85	90	80	59	54	72	69	89	80	75	79	83	81	88	86	91	88	87	87	76.1
	Minimum	49	54	44	44	32	39	53	35	46	50	55	38	51	67	54	47	44	45	50	53	63	51	43	47	59	61	62	64	68	65	60	51.4
Little Rock	Maximum	80	73	60	68	74	78	78	70	76	68	58	73	83	85	68	63	59	69	77	87	78	78	79	85	86	90	86	89	91	91	88	77.0
	Minimum	56	54	49	50	43	49	53	48	55	53	50	57	62	68	61	51	48	48	52	61	61	53	54	57	67	67	71	67	73	68	68	57.2
Lutherville	Maximum	75	72	70	67	70	79	75	70	63	66	70	77	84	86	79	79	70	73	78	85	78	79	79	84	85	87	85	90	88	87	89	78.0
	Minimum	50	52	42	40	38	38	55	40	51	53	56	40	68	66	56	49	43	40	50	57	62	45	48	53	59	64	65	65	68	66	64	53.0
Magnolia	Maximum	80	81	82	70	75	81	88	82	85	83	71	83	87	88	83	58	69	77	84	85	85	77	81	87	88	88	86	89	91	89	89	82.0
	Minimum	53	58	46	43	40	53	67	50	57	62	54	60	59	67	54	52	45	47	56	60	63	50	49	58	67	67	66	66	67	66	66	57.0
Mammoth Spring	Maximum	70	67	65	66	73	81	78	70	69	56	64	78	85	84	82	63	54	72	75	87	82	77	80	79	85	87	86	85	85	85	88	76.1
	Minimum	50	54	45	45	37	39	56	38	48	54	39	55	54	62	60	54	47	46	46	46	69	52	45	48	49	49	54	53	68	64	62	51.5
Marianna /	Maximum	73	72	60	66	70	77	76	71	76	69	62	77	88	84	67	73	57	64	75	83	78	75	80	85	81	89	86	88	90	91	91	76.6
	Minimum	50	57	46	45	41	47	56	45	54	61	49	51	58	65	62	59	46	50	47	55	63	50	49	53	60	61	69	67	66	66	60	55.1
Marked Tree /	Maximum	73	70	60	66	73	80	75	71	66	61	65	75	82	85	68	72	59	63	74	84	80	76	80	85	82	88	89	90	92	90	91	76.3
	Minimum	47	53	45	45	44	45	48	45	47	53	44	45	56	58	62	60	48	48	45	46	59	50	51	52	54	60	66	70	70	65	65	53.1
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mena	Maximum	79	82	61	67	78	82	80	75	80	73	60	83	88	86	82	61	68	81	85	86	80	77	85	86	85	89	86	89	92	91	87	80.1
	Minimum	52	52	43	42	38	49	61	43	53	59	48	54	60	66	56	45	41	41	52	61	63	48	48	52	66	64	67	66	69	66	66	54.5
Monticello	Maximum	78	80	63	70	74	79	83	74	80	78	65	83	85	86	76	65	62	75	80	86	81	77	81	85	86	90	90	89	92	91	90	79.8
	Minimum	55	63	45	44	41	52	66	51	55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.3
Morrilton /	Maximum	83	88	73	75	76	86	77	74	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.4
	Minimum	51	54	47	41	41	47	61	45	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.0
Mountain Home	Maximum	69	65	63	65	72	80	77	69	65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.4
	Minimum	51	53	46	37	37	41	54	38	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.8
Mt. Ida	Maximum	79	82	64	69	77	81	81	77	81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.6
	Minimum	49	50	49	36	32	41	42	36	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.8
Nashville	Maximum	80	82	65	70	75	80	89	78	84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.6
	Minimum	51	54	45	42	42	80	67	50	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.0

Daily Temperatures for May, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	76	70	59	69	75	81	77	74	61	63	63	75	85	85	66	70	61	67	75	86	81	78	82	86	85	90	90	91	93	91	90	77.3
	Minimum	57	57	47	48	45	47	64	45	54	54	45	56	56	61	64	61	49	52	48	59	66	51	52	54	63	65	70	70	72	67	65	56.9
Nimrod Dam/	Maximum	79	80	60	65	74	82	82	74	71	65	69	79	85	85	62	53	63	75	82	87	79	77	82	85	88	88	85	90	93	91	91	78.1
	Minimum	45	53	46	45	39	42	52	42	45	53	48	50	56	61	60	52	46	39	40	53	65	47	45	48	52	64	65	62	71	62	60	51.9
Oden	Maximum	..	..	..	..	..	..	74	80	82	62	67	77	82	81	75	82	70	59	81	85	87	78	60	66	76	81	86	80	79	82	85	76.7
	Minimum	..	..	..	..	..	..	46	52	58	45	47	36	44	68	40	50	57	50	55	59	74	59	49	44	40	50	63	65	52	46	50	52.0
Okay	Maximum	80	83	82	74	77	82	90	80	84	83	75	78	86	88	70	62	72	75	83	87	79	79	82	86	86	88	89	88	90	90	89	81.8
	Minimum	50	54	48	40	39	50	67	48	56	61	52	58	50	60	55	50	43	46	64	62	65	46	50	54	67	68	68	63	66	67	65	55.9
Ozark	Maximum	80	78	64	68	74	86	78	71	66	66	64	78	85	90	82	65	62	71	80	88	75	82	79	84	87	89	88	92	91	92	89	78.8
	Minimum	51	52	43	40	39	47	58	43	53	57	50	55	58	69	60	49	46	42	54	61	48	46	46	55	63	66	64	66	70	67	63	54.2
Paragould	Maximum	71	67	64	67	72	78	71	71	64	60	66	78	81	84	79	71	61	66	76	84	80	77	80	83	82	87	87	87	87	85	88	75.8
	Minimum	50	54	45	44	46	46	59	45	51	52	44	57	54	62	62	60	49	51	45	55	65	53	51	52	61	62	68	67	69	65	65	55.1
Perryville	Maximum	80	81	75	70	74	80	79	73	69	65	60	77	86	87	82	66	63	74	82	88	80	77	80	85	86	87	87	91	95	91	88	79.3
	Minimum	50	51	46	46	38	42	54	38	51	56	48	55	56	58	60	51	46	40	45	50	55	45	46	47	61	62	66	64	70	62	62	52.3
Pine Bluff	Maximum	83	83	63	66	76	80	83	76	81	79	61	76	87	88	79	64	59	74	86	90	78	78	83	88	88	91	90	91	93	92	91	80.5
	Minimum	56	55	53	48	44	53	61	51	56	61	52	59	63	68	59	55	49	45	53	61	67	53	53	56	66	70	70	68	71	68	68	58.5
Pocahontas	Maximum	70	71	67	68	75	80	78	73	71	60	65	74	84	83	79	69	62	68	75	85	77	77	81	83	84	88	87	88	87	84	88	76.8
	Minimum	50	53	46	45	41	42	58	41	50	51	41	45	53	64	61	58	48	49	46	53	64	48	50	51	60	63	66	67	69	63	64	53.5
Portland	Maximum	77	80	68	72	75	80	80	78	80	80	78	82	87	85	82	65	62	75	81	86	84	76	84	87	86	89	88	88	90	91	90	80.8
	Minimum	54	62	46	52	44	49	65	50	53	74	65	63	59	65	61	58	51	46	52	57	64	57	52	54	61	62	67	64	66	67	67	58.3
Prescott	Maximum	80	83	65	72	76	83	89	82	85	79	72	78	85	88	87	62	71	75	85	86	86	79	84	87	87	90	88	89	91	92	89	82.1
	Minimum	53	59	48	46	44	53	63	49	56	63	52	59	61	68	58	52	45	48	55	61	66	51	53	55	67	68	68	66	69	68	66	57.7
Rogers	Maximum	73	70	57	64	70	80	73	63	61	58	69	80	84	86	56	54	57	75	80	83	77	65	79	80	84	85	84	86	87	86	80	73.7
	Minimum	51	47	38	36	35	46	52	38	47	48	52	54	56	56	47	42	39	38	53	60	61	38	41	52	52	65	60	67	69	65	61	50.5
Russellville	Maximum	80	78	64	69	74	82	78	71	68	64	57	79	86	88	84	64	63	74	83	88	86	79	80	85	88	90	89	91	92	90	89	79.1
	Minimum	52	51	45	45	37	44	61	42	52	55	50	55	56	60	61	51	47	41	53	56	66	49	49	52	65	64	70	68	75	68	64	55.0
St Charles	Maximum	76	75	75	69	72	..	70	74	79	80	64	80	86	86	87	73	65	80	80	86	82	78	82	85	88	90	92	90	92	92	93	80.7
	Minimum	52	59	45	43	39	..	47	48	53	58	50	57	60	65	61	60	47	51	50	57	66	51	51	55	60	67	66	67	68	65	65	56.1
Searcy	Maximum	75	72	63	67	72	79	78	71	67	64	62	74	83	84	78	65	57	68	76	85	77	77	80	84	79	88	87	88	90	90	88	76.4
	Minimum	53	55	46	46	42	44	59	44	54	55	45	56	56	65	61	54	48	51	49	57	66	49	50	52	60	65	69	67	71	66	65	55.5
Sheridan	Maximum	80	79	62	69	73	78	81	72	79	76	61	72	85	85	82	64	61	74	80	86	81	76	80	85	85	89	88	88	90	90	87	78.6
	Minimum	52	53	44	41	40	47	56	41	50	59	49	51	60	67	59	54	47	41	50	59	59	47	48	48	64	64	67	66	69	63	61	54.2
Siloam Springs	Maximum	77	70	70	63	72	79	69	68	68	61	67	82	84	87	66	49	61	75	79	84	74	72	79	81	84	84	83	87	85	86	83	75.1
	Minimum	40	45	40	37	34	45	50	36	49	48	45	51	55	66	46	42	41	41	53	64	55	40	46	53	62	63	63	68	70	65	64	50.9
Stuttgart	Maximum	72	74	62	67	71	78	80	72	79	78	62	77	84	85	83	68	60	67	77	85	82	77	80	84	84	90	88	88	90	91	89	78.2
	Minimum	56	57	45	45	42	49	59	46	57	60	51	59	62	67	62	60	49	50	51	58	64	52	53	57	63	67	70	65	72	68	68	57.5
Stuttgart Evap.	Maximum	75	74	61	72	71	78	80	72	75	76	62	77	83	82	68	68	59	69	71	84	81	76	80	84	84	89	89	89	90	91	90	77.4
	Minimum	53	58	45	43	39	47	57	46	60	60	51	59	62	62	62	59	58	45	45	58	66	52	50	55	63	65	68	66	71	66	67	56.7
Subiaco	Maximum	80	76	62	63	72	84	77	72	66	64	61	79	87	90	81	63	61	75	83	88	82	76	80	85	88	88	89	91	92	93	89	78.6
	Minimum	53	54	44	44	40	47	60	49	54	55	49	55	57	70	60	49	45	44	54	60	65	50	50	56	59	65	69	68	74	67	74	56.1
Texarkana	Maximum	82	82	64	70	75	80	89	76	85	74	68	79	84	88	76	61	70	77	84	86	78	78	84	87	88	88	88	89	90	89	88	80.5
	Minimum	57	57	48	46	44	58	58	51	58	60	55	60	62	70	58	51	43	50	57	63	60	51	54	58	68	67	69	68	68	69	67	58.2
Turnpike	Maximum	70	71	62	60	69	75	69	65	59	58	59	76	79	83	72	59	49	66	72	80	78	70	74	75	77	81	80	83	83	82	79	71.5
	Minimum	52	46	36	40	43	51	49	42	43	46	39	49	58	64	53	42	36	49	46	58	56	45	53	58	53	58	61	65	66	61	64	51.0
Waldron	Maximum	80	80	64	66	75	82	82	74	79	77	61	81	84	88	84	64	65	78	84	88	85	76	82	86	87	88	87	91	93	92	88	80.4
	Minimum	52	49	44	43	34	45	60	40	52	57	49	55	57	70	57	47	44	40	54	62	65	45	46	50	67	61	68	67	67	62	62	53.9
Warren	Maximum	80	75	80	70	74	80	83	74	82	80	66	84	87	85	83	64	65	75	82	88	85	81	81	85	87	89	90	90	91	91	91	81.2
	Minimum	55	59	46	45	43	49	48	51	52	63	55	60	60	63	59	56	49	45	52	57	67	54	50	58	53	69	70	68	69	69	67	56.8
White Rock	Maximum	73	72	55	62	66	76	68	66	61	59	55	76	78	83	73	54	54	68	73	80	78	71	77	76	80	82	79	84	84	83	82	71.9
	Minimum	52	49	36	41	43	51	48	42	41	50	43	49	60	65	51	41	36	42	49	59	57	46	48	55	54	55	61	65	66	66	63	51.1
Wilson	Maximum	76	67	66	66	74	81	79	71	67	63	69	74	83	86	82	76	69	59	80	85	82	78	80	84	81	86	89	89	93	85	90	77.7
	Minimum	50	53	42	41	44	48	60	43	52	51	42	56	55	61	60	60	47	49	54	70	65	50	50	54	60	64	66	67	69	63	66	55.2
Wynne/	Maximum	72	68	60	66	71	79	76	69	64	63	64	82	77	84	67	70	55	62	74	83	79	74	80	83	81	86	87	87	87	89	89	75.1
	Minimum	55	57	46	45	42	49	63	44	48	55	46	53	56	67	63	61	48	49	47	52	65	52	50	50	52	61	70	70	71	60	68	55.3

Daily River Stages for May, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	21.4	21.3	20.6	19.0	17.1	14.5	13.3	12.9	12.8	13.2	13.1	13.5	17.7	18.0	17.7	18.5	20.6	21.0	20.1	18.0	16.7	15.5	13.8	12.8	11.4	9.9	9.3	8.8	10.8	12.0	13.4
Van Buren	do	22	22.2	22.0	21.4	20.0	18.2	15.5	14.3	13.8	13.6	13.9	13.9	16.2	18.5	18.9	19.1	19.7	21.5	21.8	20.0	18.9	17.7	16.6	14.8	13.9	12.2	10.9	10.2	9.8	10.4	12.6	14.2
Danville	Petit Jean	20	9.0	7.3	6.5	6.4	5.7	5.1	4.8	4.7	4.7	4.7	10.9	10.7	18.8	20.8	21.1	23.5	27.4	25.6	23.3	21.3	18.6	14.5	10.3	7.8	6.6	5.9	5.6	5.2	4.8	4.5	4.2
Ozark	Arkansas	22	18.3	17.8	17.8	16.5	14.8	12.2	10.2	9.2	8.9	9.2	9.5	10.2	14.0	14.8	15.2	17.5	18.0	18.4	17.8	17.0	14.2	13.2	11.4	10.1	8.2	7.2	6.1	5.5	5.5	7.2	9.0
Dardanelle	do	22	22.0	21.2	21.0	20.3	18.8	17.0	14.5	13.2	12.6	12.3	12.6	12.6	15.7	17.6	18.4	21.7	22.2	22.0	21.6	20.4	18.4	17.1	15.8	14.1	12.9	11.4	9.9	8.9	8.3	8.9	10.6
Morrilton	do	20	18.8	17.6	17.0	16.5	15.1	13.1	11.0	9.1	8.3	7.9	7.9	8.0	9.4	12.6	13.0	16.0	17.3	17.2	17.4	16.6	15.1	13.5	12.2	10.6	9.2	8.0	6.1	5.2	4.1	3.7	4.1
Little Rock	do	23	20.8	19.5	18.6	18.1	17.2	15.8	14.1	12.2	11.1	10.7	10.3	10.1	10.5	12.9	14.2	16.3	18.6	18.8	18.7	18.2	17.0	15.6	14.4	13.2	11.8	10.8	9.6	8.5	7.6	7.0	7.0
Pine Bluff	do	25	24.3	23.3	22.2	21.5	20.9	19.9	18.7	17.0	15.6	14.7	13.8	13.9	14.0	14.9	17.2	18.7	20.8	21.6	21.6	21.1	20.8	19.7	18.4	17.1	15.6	14.4	13.0	11.7	10.6	9.9	9.4
Gilbert	Buffalo	30	6.2	6.5	6.7	6.5	5.8	5.5	5.4	6.0	5.6	5.6	5.4	5.2	5.2	5.2	5.5	13.0	11.0	8.3	7.2	6.5	6.2	6.0	5.6	5.4	5.2	5.3	5.3	5.0	4.8	4.6	4.6
Black Rock	Black	14	20.2	19.7	19.1	18.7	18.3	17.9	17.6	18.1	18.0	19.7	23.3	22.4	21.4	20.8	20.4	20.7	21.0	20.9	20.4	19.8	19.0	18.3	17.5	16.6	15.5	15.1	14.2	13.0	11.9	11.4	11.4
Ozark Beach Mo	White	30	7.5	7.0	6.6	6.4	5.8	5.2	4.9	5.4	5.5	11.8	11.6	8.7	7.4	6.4	6.2	6.8	12.6	15.0	12.8	9.6	8.0	6.8	5.9	5.4	5.0	6.6	6.0	7.8	6.4	6.0	5.0
Cotter	do	21	8.3	8.4	8.0	7.6	7.3	7.1	6.3	6.6	7.0	10.9	14.3	12.3	9.7	8.4	8.2	10.2	10.7	14.2	15.5	13.0	10.0	8.5	7.6	6.8	6.4	6.2	7.0	6.8	7.9	7.2	7.2
Calico Rock	do	18	11.1	10.7	11.0	10.6	10.3	9.8	9.4	9.7	10.0	11.2	14.4	13.7	11.4	10.0	10.0	12.7	16.0	16.0	16.5	15.2	12.4	11.6	10.7	9.8	9.4	9.2	9.3	9.5	9.8	10.6	9.6
Batesville	do	23	18.2	17.4	17.5	17.3	16.7	16.4	15.9	15.9	15.9	16.5	19.7	20.5	19.3	17.0	15.9	19.4	22.7	22.8	22.9	22.7	20.9	18.5	17.5	16.5	14.9	14.8	15.3	15.5	15.4	16.3	15.8
Newport	do	26	26.3	25.8	25.2	24.8	24.2	23.7	22.9	22.3	22.1	21.9	22.2	23.4	24.2	24.3	24.2	24.5	25.7	26.7	27.0	27.2	27.1	26.5	25.8	24.8	23.8	22.9	22.0	21.4	20.9	20.1	20.3
Augusta	do	32	32.9	32.8	32.7	32.6	32.4	32.3	32.2	32.1	31.9	31.8	31.8	31.8	32.0	32.1	32.2	32.3	32.4	32.5	22.7	32.9	32.9	33.0	32.8	32.7	32.5	32.3	32.1	31.9	31.7	31.5	31.4
Georgetown	do	21	23.5	23.2	23.1	22.9	22.8	22.6	22.5	22.3	22.2	22.2	22.0	21.9	21.9	22.0	22.1	22.5	22.7	22.8	22.9	23.0	23.0	23.1	23.1	23.0	22.9	22.7	22.4	22.2	22.0	21.8	21.7
Des Arc	do	24	25.8	25.5	25.2	25.0	24.8	24.5	24.4	24.3	24.0	24.0	23.8	23.8	23.8	23.6	23.7	24.0	24.2	24.4	24.8	24.9	24.9	24.8	24.8	24.8	24.6	24.5	24.4	24.1	23.8	23.7	23.4
Clarendon	do	26	34.8	34.0	33.3	32.6	31.8	31.2	30.6	30.1	29.6	29.3	29.0	28.7	28.5	28.3	28.1	28.2	28.2	28.2	28.3	28.5	28.8	29.0	29.2	29.3	29.4	29.4	29.3	29.2	29.0	28.8	28.5
St. Charles	do	25	37.3	36.5	35.7	35.0	34.3	33.4	32.7	31.9	31.0	30.5	29.7	29.0	28.5	27.8	28.3	27.0	26.8	26.6	26.5	26.5	26.5	26.6	26.7	26.9	27.1	27.2	27.2	27.2	27.2	27.1	26.9
Glenwood	Caddo	..	5.8	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	13.3	7.0	6.6	6.3	6.2	6.0	9.2	7.4	6.6	6.2	6.0	5.8	5.7	5.6	5.5	5.4	5.4	5.4	5.3	5.3	5.2	5.2
Arkadelphia	Ouachita	17	7.8	7.6	7.6	7.0	6.8	6.1	4.5	5.3	4.6	13.3	16.0	14.8	13.3	10.8	10.3	22.9	23.6	21.6	15.3	10.8	9.9	9.8	7.6	6.0	6.6	7.0	5.9	5.0	5.8	6.5	6.4
Boughton	Little Mo.	20	6.1	6.0	6.6	6.5	6.7	6.1	5.8	5.7	5.6	5.8	10.1	13.2	13.5	12.2	10.6	16.0	19.2	19.6	17.5	13.7	9.8	8.5	7.8	6.1	6.0	5.7	5.6	5.5	5.4	5.4	5.3
Camden	Ouachita	26	18.2	17.0	16.2	15.3	14.2	13.6	12.9	11.9	10.7	10.7	11.4	17.1	22.2	23.7	23.6	24.0	26.4	29.6	32.1	34.3	34.8	34.0	32.4	30.3	27.5	24.0	20.4	16.4	15.0	13.1	11.9
Benton	Saline	20	7.0	6.6	6.7	6.4	6.2	6.1	5.8	7.6	6.4	9.8	9.5	10.3	11.4	9.6	9.0	24.0	16.5	11.4	9.5	8.5	7.8	7.3	7.0	6.6	6.3	6.0	5.8	5.6	5.5	5.3	5.1
Index	Red	25	18.7	19.0	18.8	18.4	18.8	19.0	18.9	18.9	18.8	18.8	19.4	19.0	16.0	15.2	15.0	16.2	18.6	19.5	19.2	19.0	18.8	17.4	15.8	14.4	14.1	13.8	13.4	13.4	13.1	13.0	12.8
Fulton	do	25	18.6	18.8	18.6	18.3	18.4	18.7	18.7	18.6	18.6	18.7	19.3	20.4	18.8	17.6	17.6	18.5	20.1	21.8	22.3	22.6	23.0	22.5	21.6	20.3	19.4	18.5	17.5	16.3	15.2	13.8	13.6
Big Lake Outlet	St. Francis	10	14.3	14.2	14.0	13.9	13.8	13.7	13.5	13.3	13.1	13.5	13.9	14.7	15.0	15.2	15.2	15.1	14.9	14.7	14.6	14.4	14.1	13.9	13.7	13.4	13.2	13.1	12.9	12.7	12.4	12.4	12.2
St. Francis	do	18	21.1	21.4	21.5	21.5	21.5	21.4	21.3	21.7	21.9	22.8	22.6	22.2	21.8	21.4	20.9	20.8	20.7	20.6	20.5	20.4	20.4	20.3	20.2	20.2	20.2	20.2	20.1	20.1	20.0	20.0	20.0
St. Francis L.L.	do	..	27.1	26.8	26.6	26.3	26.2	26.0	25.9	25.8	25.7	25.8	25.8	25.8	26.0	26.2	26.3	26.5	26.6	26.6	26.6	26.5	26.3	26.1	25.9	25.6	25.4	25.3	25.1	24.9	24.8	24.7	24.6
Marked Tree	do	17	10.6	10.5	10.3	10.1	10.0	9.7	9.4	9.2	8.9	9.4	9.7	9.6	9.8	9.4	9.1	8.9	8.8	8.4	8.3	8.2	8.0	7.9	7.7	7.6	7.4	7.4	7.3	7.3	7.1	6.9	7.0
Parkin	do	28	29.2	29.1	29.0	28.6	28.5	28.1	27.8	27.4	27.0	26.6	26.4	26.2	26.1	25.9	25.7	25.4	25.3	25.2	25.1	25.0	24.9	24.8	24.6	24.4	24.1	23.8	23.5	23.0	22.7	22.2	21.7
Madison	do	32	32.9	32.8	32.6	32.4	32.1	31.7	31.4	30.9	30.4	29.9	29.3	28.8	28.5	27.1	27.5	27.5	27.4	27.2	27.1	27.0	26.9	26.9	....	....	....	....	....	....	....	....	....
Helena	Mississippi	42	42.9	42.5	42.0	41.5	40.8	40.2	39.6	38.8	37.7	36.4	34.9	33.8	32.9	32.7	32.7	33.0	32.9	32.7	32.6	33.0	33.5	34.1	34.8	35.4	36.0	36.7	37.3	37.8	38.2	38.4	38.6
Arkansas City	do	42	44.1	43.7	43.1	42.5	41.8	41.1	40.5	39.8	33.9	37.9	36.8	35.8	34.5	33.7	33.2	33.2	33.1	33.4	33.4	33.5	33.5	33.7	33.7	33.8	33.9	34.0	34.2	34.3	34.4	34.5	34.6

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., trace or 0.001 inch or less. ^{a,b,c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2] Measured in the morning for the preceding 24 hours. [3] Data for 24 hours ending at 12:30 a. m. of the following day. [4] Best available used for stations not equipped with recorders. [5] Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould: Devils Knob, Salus: Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana: Lutherville, Route 1, Lamar: Moro Bay Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—7-12-1945—1100

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. L LITTLE ROCK, ARK., JUNE, 1945 No. 6

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

June temperatures averaged 2° below normal in Arkansas. Cool weather prevailed until the 23d, and temperatures exceeded 90° infrequently during that period. The remainder of the month was more seasonable with maxima above 90° on most days. This was the first June in several years during which no temperatures of 100° were recorded.

Precipitation was unusually heavy in most sections of the State during the month, averaging 9.26 inches for the State as a whole. It was the second wettest June in the past 55 years, being exceeded only in 1928. Rainfall was heaviest in the northern and western counties and lightest in the southeastern section. About 40% of the stations reported more than ten inches during the month. Exceptionally heavy rains fell on the 9th, 10th, and 11th, many stations measuring over four inches in a 24 hour period. Very little rain fell after the 17th.

The heavy rains resulted in flood stages on all the rivers of the State. Crests were not as high as in April however, and flood loss not as extensive. The lower portions of the Black and White rivers were still in flood at the close of the month.

The weather was too cool and wet for cultivation and growth of crops during most of June. During the first three weeks frequent rains interfered with planting and cultivation, and fields became grassy. Cotton and corn especially suffered from the cool weather, and were in rather poor condition at the close of the month. A considerable acreage of crops was lost in the lowlands from the June floods and replanting will again be necessary. The last week of the month was much more favorable. Meadows and pastures continued in excellent condition all month.

TEMPERATURE

The mean temperature for the State as determined from the reports of 79 stations was 75.2°, which is 2.0° below the 55 year average for June. The highest monthly mean temperature was 79.0 at Camden, the lowest was 69.0° at Turnpike. The highest temperature recorded was 98° at Cummins Farm on the 10th and Dumas on the 29th, and the lowest was 43° at Batesville on the 3d.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 103 stations, was 9.26 inches, which is 5.13 inches above the 55 year average for June. The greatest monthly total was 16.42 inches at Calico Rock, and the least was 3.45 inches at Cummins Farm. The greatest amount recorded in a 24 hour period was 7.75 inches at Hope on the 11th-12th.

B. N. W.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms:---1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,19,21,22,23,24,25,29,30.

Hail:---2,5,10,17,18,25,29.

High Winds:---1,2,5,6,7,8,9,10,11,12,13,15,17,27,28,29,30.

Heavy Fog:---10,11,12,14,15,17,18,30.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.13	18	29.60	1	8.3	40	sw.	7	86	67	68	53	1
Little Rock	30.15	17	29.67	9	9.0	32	se.	13	86	61	63	60	3
Memphis .	30.15	5	29.70	2	8.0	30	nw.	5	85	62	61	67	3

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.53	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.53	0	6	16	11	3
1912	73.1	97	42	5.83	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	105	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	103	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2.60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	6	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	3
1935	74.3	98	36	8.38	0	13	10	10	10
1936	80.0	113	44	1.26	0	3	23	5	2
1937	78.8	106	45	4.95	0	9	14	10	6
1938	75.8	101	48	4.34	0	9	13	9	8
1939	77.9	100	49	4.50	0	11	9	13	8
1940	75.2	98	45	4.35	0	10	12	9	9
1941	76.2	103	47	4.01	0	8	12	12	6
1942	77.2	104	45	4.54	0	11	10	12	8
1943	79.8	102	47	2.86	0	7	11	14	5
1944	79.2	102	48	3.04	0	6	16	10	4
1945	75.2	98	43	9.26	0	11	9	11	10
Period	77.2	113	35	4.13	0	8	14	10	6

NAT. HIST.

Climatological Data for June, 1945

Stations	Counties	Elevation	Lenght of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unsettled	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	8	74.6	......	95	7	53	4	10.96	......	4.04	11	0.0	13	2	21	7	w.	L. R. Water Works
Arkadelphia	Clark	200	49	76.2	− 1.7	96	7†	55	19†	12.56	+8.01	5.50	11-12	0.0	10	4	17	9	sw.	W. H. Halliburton
Arkansas City	Desha	145	60	......	......	......	......	......	......	3.71	−0.03	1.41	12	0.0	7	21	0	9	......	E. E. Love
Ashdown	Little River	329	1	77.2	......	96	29	56	3	6 09	......	3.39	12-13	0 0	5	16	8	6	......	J. F. Ferguson
Batesville Airway	Independence	363	8	73.0	− 3.2	93	27†	50	3	11.93	......	3.01	9-10	0 0	16	7	12	11	s.	Airway Observer
Batesville Livestk.	Independence	500	4	72.0	......	91	27†	43	3	10.45	......	3.65	9-10	0.0	8	6	16	8	sw.	University of Arkansas
Batesville River	Independence	277	45	......	......	......	......	......	......	9.00	+5.01	1 85	16-17	0.0	12	8	9	13	......	C. M. Barnwell
Bee Branch	Van Buren	650	52	74.4	− 2.2	92	30	49	4†	11.28	+7.18	5.30	9-10	0.0	9	6	21	3	sw.	Minnie Scanlan
Benton	Saline	285	9	74 0	......	92	7†	53	20	10.72	......	3.12	11-12	0.0	13	19	6	5	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	71.0	− 2.8	91	28	49	3†	8.85	+3.63	2.47	1-2	0.0	12	1	25	4	s.	E. L. Brown
Bethesda ***	Independence	500	5	72.2	......	91	27†	48	3	12.07	......	3.65	9-10	0.0	11	7	14	9	sw.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	14	......	......	......	......	......	......	6.51	+3.80	1.72	16-17	0.0	14	11	10	9	......	N. W Douglas
Black Rock	Lawrence	259	43	......	......	......	......	......	......	11.79	+8.23	2.16	16-17	0 0	11	6	13	11	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	4	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Ark. Forestry Com
Blytheville	Mississippi	252	19	74.0	− 3.9	93	27	50	4†	7.40	+3.88	1.63	5-6	0.0	12	17	10	3	s.	Maureen K Norris
Booneville 3 miles w	Logan	465	30	76.0	− 1.9	94	7	54	18	11.48	+7 08	4.73	9-10	0.0	16	10	9	11	e.	F. H. Randolph
Boughton ***	Clark	235	9	......	......	......	......	......	......	10.91	......	6.30	11-12	0.0	5	6	6	18	......	Katie B. Moore
Brinkley	Monroe	205	53	76.6	− 1.3	95	27†	53	4	7.26	+3.55	2.81	17-18	0.0	10	4	11	15	s.	U. S. Weather Bureau
Calico Rock	Izard	361	40	......	......	......	......	......	......	16.42	+12.59	3.92	16-17	0.0	14	3	6	21	......	William Jones
Camden	Ouachita	116	59	79.0	+ 0.5	97	7	59	19	6.04	+1.92	1.80	15	0.0	8	4	12	14	s.	J M. Knight
Camp Chaffee	Sebastian	419	1	76.7	......	97	7	56	18	14.51	......	7.16	9-10	0 0	12	10	8	12	s.	U. S. Army
Camp Robinson	Pulaski	463	4	75.3	......	94	27†	55	4†	7.93	......	2.18	17	0.0	11	1	22	7	se.	U. S. Army
Clarendon	Monroe	172	40	......	......	......	......	......	......	6.64	+3.01	2.44	10-11	0.0	9	10	7	13	sw.	B F. Northern
Conway	Faulkner	309	61	76.8	− 1.6	94	27†	55	4	10.19	+6.17	2 98	9-10	0.0	10	13	14	3	s.	E E. Cordrey
Corning	Clay	293	51	74.2	+ 2.1	95	27	42	4	13 64	+9.63	3.55	10-11	0.0	11	10	5	15	s.	Richard Polk
Cotter	Baxter	440	17	......	......	......	......	......	......	10.57	+6.18	3.23	16-17	0.0	12	8	13	9	......	O. B McSpadden
Crossett 7 miles s.	Ashley	175	32	77 6	− 1.1	96	30	54	19	4.60	+0.42	1 37	11-12	0.0	7	11	12	7	s.	U. S. Forest Service
Cummins Farm ***	Lincoln	176	1	77.7	......	98	10	58	19	3.45	......	1.70	11	0.0	7	17	7	6	s.	T. C. Cogbill
Danville	Yell	327	28	......	......	......	......	......	......	7.54	+3.38	2.26	10-11	0.0	17	5	8	17	......	J. A. Moudy
Dardanelle	Yell	330	58	77.3	− 1.2	95	29	57	18	8.87	+4.98	2.83	10-11	0.0	11	3	17	10	s.	Geo. N. Goodier
DeQueen	Sevier	426	9	76.0	......	93	25	57	19†	6.61	......	2.55	11-12	0.0	7	11	9	10	......	L. D. McCowan
Des Arc	Prairie	204	6	77.6	......	96	21	54	4	6.52	......	2.20	10-11	0.0	7	2	6	22	s.	Z. R. Glenn
Devils Knob ***	Johnson	2350	8	69.4	......	85	28	49	3	12.99	......	5.65	9-10	0.0	10	8	12	10	se.	U. S. Forest Service
Dumas	Desha	162	39	78.6[a]	− 0.5	98[a]	29[a]	58	19	4.12	+0.44	1.04	11	0.0	8	5	14	11	s.	Ben Johnson
El Dorado	Union	270	44	78.1	− 1 7	96	1†	55	19	4.88	+1 06	2.00	11-12	0.0	8	16	10	4	s.	Mrs. E. W. Gaston
England	Lonoke	229	38	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	O. V. Halbrook
Eureka Springs	Carroll	1465	44	71.2	− 3 3	89	27†	48	3†	11.57	+5.93	2.55	16-17	0 0	13	15	11	4	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	7	72.3	......	90	27†	50	3†	7.85	......	2.29	9-10	0.0	13	4	8	18	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	57	72.0	− 2.6	89	7†	49	3†	6.66	+2.03	1.74	10-11	0.0	14	1	23	6	s.	University of Ark.
Fordyce	Dallas	280	4	78.0	......	95	24†	56	3	6.47	......	2 50	11-12	0.0	5	0	28	2	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	63	76.0	− 1.5	93	27	57	18	15.02	+11.30	8.58	9-10	0.0	14	4	12	14	e.	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	7	......	......	......	......	......	......	13.58	......	5.41	9-10	0.0	13	13	8	9	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	......	......	......	......	......	......	10 81	+6.94	5.80	11-12	0 0	8	3	18	9	......	Ina J. Logan
Garland	Miller	225	2	......	......	......	......	......	......	9.14	......	5.16	11-12	0.0	7	6	0	24	......	L. D. Denney
Georgetown, 2 mi. se	White	200	32	......	......	......	......	......	......	6.52	+2 54	2.00	11-12	0.0	10	14	0	16	......	J. S. McDonald
Gilbert	Searcy	600	19	72.0	......	92	27†	48	3	11.73	+8.04	4.00	9-10	0.0	10	5	11	14	s.	D O. Dennis
Glenwood	Pike	547	9	......	......	......	......	......	......	8.09	......	3.52	10-11	0.0	11	5	2	23	......	C. A. Price
Grannis	Polk	950	25	74.2	− 1.4	92	24	54	18	8.64	+3.64	2.71	10-11	0.0	16	3	15	12	s.	W. E. McVay
Gravette	Benton	1250	47	71.8	− 2.2	90	27	47	18	6.22	+0.72	2.03	17	0.0	10	4	18	8	sw.	J. A. Schmidt
Green Mountain †	Stone	1100	7	72.0	......	90	28†	48	4	13.17	......	4.00	16-17	0.0	11	3	16	11	s.	U. S. Forest Service
Harrison	Boone	1052	44	72.2	− 1.8	90	27†	50	3†	7.34	+2.89	1.73	10-11	0.0	11	15	6	9	sw.	J. M. McGaughey
Helena	Phillips	300	72	76.0	− 2 3	92	27	53	4†	5.22	+1.45	1.49	17-18	0.0	9	9	4	17	ne.	James A. Burnett
Hope 3 miles e.	Hempstead	375	74	77.2	− 1.4	94	7†	58	19	12.42	+8.65	7.75	11-12	0.0	10	18	4	8	s.	Univ. of Arkansas
Hot Springs	Garland	600	52	76.8	− 1 6	95	8†	56	4	8.69	+4.01	3 00	10-11	0.0	11	11	12	7	s.	National Park Service
Index ***	Little River	275	27	......	......	......	......	......	......	8.06	+4.72	3.90	11-12	0.0	6	14	1	15	......	W. E. McDowell
Jessieville	Garland	750	18	......	......	......	......	......	......	12 87	+8 46	6.30	10	0.0	12	13	12	5	sw.	U. S. Forest Service
Jonesboro	Craighead	345	49	74.8	− 3 2	94	27	51	4†	9.74	+6.00	2.48	17	0.0	15	5	12	13	sw.	Benedictine Sisters
Lead Hill	Boone	650	38	72.5	− 2.8	93	30	49	4	10.29	+5.84	2.03	10-11	0.0	11	14	7	9	sw.	F. W. Kellogg
Little Rock	Pulaski	257	65	76.7	− 0 7	93	27	56	4	7.79	+4.03	2.23	10-11	0.0	14	2	16	12	s.	U.S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	46	73.7	− 2.3	92	7†	49	19	11.20	+6.63	5.00	9-10	0.0	12	15	8	7	w.	Mrs H. G. Lenhardt
Madison	St. Francis	209	14	......	......	......	......	......	......	7.13	+4.04	1.25	17-18	0.0	11	5	2	23	......	J W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	78.2	− 1.3	95	16	55	19	6.20	+2.61	2.60	2	0.0	5	8	16	6	se.	State Agr. School
Mammoth Spring	Fulton	600	40	72.7	− 2.1	92	27†	50	3†	9 19	+4.90	1.69	16-17	0.0	14	8	17	5	s.	L. A. O'Neal
Marianna	Lee	235	33	75.3	− 3 3	94	7†	51	4†	6.77	+3.21	2.74	17-18	0.0	11	13	9	8	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	74.5	− 3.4	97	13	51	5†	8.89	+5.41	1.85	9	0.0	12	13	12	5	n.	Chas. Walton
Marshall	Searcy	1050		......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	H. W. Wright, Jr.
Mena	Polk	1207	56	74.6	− 2.0	93	29	55	18†	11.47	+6.54	2.75	10-11	0 0	15	5	16	9	sw.	E. W. St. John
Monticello	Drew	273	4	78.2	......	94	24†	57	19	7.98	......	2.78	13-14	0.0	8	3	20	7	s.	Airway Observer
Morrilton ***	Conway	315	28	77.4	− 1 0	97	24†	56	4†	6.56	+2.65	2.40	10-11	0.0	12	4	7	19	se.	Mrs. Nova Berry
Mountainburg	Crawford	712	7	......	......	......	......	......	......	14.16	......	5.12	9-10	0.0	12	10	6	14	s.	C. A. Lovell
Mountain Home ***	Baxter	800	32	72.1	− 2 7	92	28†	49	18	10.30	+5.77	2.40	9-10	0.0	11	14	5	11	w.	H. N. Halbert
Mountain Valley	Garland	788	7	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Mount Ida, 2 mi. e	Montgomery	702	45	75.6	− 0.3	92	7†	51	20	11.80	+7.57	4.80	10-11	0.0	12	8	11	11	sw.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	6	......	......	......	......	......	......	10.42	......	4.60	9-10	0 0	12	7	4	19	......	H. G. Arvin
Nashville	Howard	350	6	77 4	......	95	8†	57	19	7.34	......	3.52	11-12	0.0	6	21	0	9	e.	Carter Day
Newport	Jackson	231	61	76.1	− 1.9	95	17	53	5	10.31	+6.49	2.35	16-17	0.0	14	9	4	17	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	3	74.2[a]	......	95[a]	17	54	20	10.12	......	4.45	10-11	0.0	12	12	5	13	......	U. S. Engineers
Oden, 2 mi w	Montgomery	800	17	75.1	......	93	7	53	20	11.64	+7.69	4.70	9-10	0 0	12	4	12	14	s.	U. S Forest Service
Okay	Howard	288	16	77.8	− 1.4	96	26	57	19	7.12	+4.04	3.62	11-12	0.0	6	13	11	6	s.	Charles R. Jackson
Osceola	Mississippi	250	44	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	G. M. Serey
Ozark	Franklin	396	49	75.2	− 2.7	97	29	54	18†	11.14	+6 82	4.05	9-10	0.0	11	6	12	12	se.	Orkney O. Milton
Paragould	Greene	275	21	74.8	......	95	27	51	5†	11.11	+7.46	2.93	17	0.0	16	12	10	8	sw.	J. E. Garrett
Parkin, 2mi. w	Cross	222	14	......	......	......	......	......	......	5.81	+3.38	1.65	17-18	0.0	11	9	7	14	......	Carroll King
Perryville	Perry	325	5	75.4	− 0.1	95	7†	54	20	8.46	+3.56	2.67	10-11	0.0	13	8	19	3	e.	Gordon Bennett
Pine Bluff	Jefferson	215	57	78.3	− 1.0	95	7†	59	4†	7.97	+4.20	2.66	10-11	0.0	12	14	10	6	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	......	......	......	......	......	......	9.37	+4.99	3.16	10-11	0.0	13	7	11	12	sw.	J. R. Huddleston
Pocahontas	Randolph	300	51	74.4	− 2.3	95	27	50	5	14.03	+9.87	2.77	8-9	0.0	17	5	17	8	s.	Benedictine Sisters
Portland	Ashley	122	38	78.1	− 1.5	94	24†	59	19	4.18	+0.95	1.85	13-14	0.0	8	10	15	5	s.	Mrs. Pearl Newton
Prescott	Nevada	318	56	78.4	− 0.7	96	30	59	19	9 75	+5.98	6.71	11-12	0.0	10	12	11	7	s.	O. J. Stephenson
Rogers	Benton	1300	54	70 6	− 3 2	90	30	48	3†	10.23	+5.33	2.01	16-17	0.0	12	8	15	7	sw.	Howard Fowler
Russellville	Pope	526	32	76.4	− 1 4	94	7†	52	3	8 97	+4.74	3 98	9-10	0.0	9	3	19	8	se.	U. S. Forest Service
St. Charles	Arkansas	175	11	77.6	......	97	8	53	4	6.54	......	1.23	11-12	0.0	10	9	14	7	w.	U. S. Bio. Survey
St. Francis	Clay	290	17	......	......	......	......	......	......	12.87	+8.92	2.62	8-9	0.0	14	18	0	12	......	Wm. S. Buckley
Searcy	White	245	34	75 3	− 2.2	93	30	53	4	8.99	+4.98	2.68	16-17	0.0	12	16	1	13	se.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	4	75.4	......	93	7†	55	4†	9.22	......	3.06	10-11	0.0	11	2	25	3	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	4	71.6[a]	......	90	28	48[a]	18†	7 35	......	2.54	10-11	0.0	15	2	27	1	s.	John Brown Univ.
Story	Montgomery	650	20	......	......	......	......	......	......	10 52	+7.17	4.93	10-11	0 0	13	11	14	5	s.	S. C. Story
Stuttgart	Arkansas	214	57	77 3	− 0.8	96	29	56	4	7 29	+3.43	3.22	11	0.0	8	18	7	5	s.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	9	77.0	......	95	7	55	4	6.16	......	2.46	17	0.0	9	......	......	....	......	University of Ark.

Climatological Data for June, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	46	76.0	−2.0	95	7	55	18	9.89	+5.82	4.40	10-11	0.0	12	12	11	7	s.	New Subiaco Abbey
Texarkana	Miller	332	60	78.4	−0.7	94	7†	60	19	10.31	+6.60	6.55	11-12	0.0	9	6	14	10	s.	U. S. Weather Bureau
Turnpike***	Pope	2240	20	69.0	......	85	8†	47	3	13.26	+8.41	6.22	9-10	0.0	13	11	1	18	sw.	U. S. Forest Service
Waldron	Scott	675	25	75.4	......	93	7†	53	18	10.29	+5.92	4.75	10-11	0.0	11	3	17	10	sw.	William D. Bivens
Warren	Bradley	206	50	78.7	−0.6	94	7†	56	19	6.95	+3.22	2.40	10-11	0.0	7	14	11	5	se.	C. N. Turner
Whitecliffs	Little River	290	38	...	......	......	......	......	......	7.59	+4.64	4.10	11-12	0.0	6	16	1	13	......	L. M. Snead
White Rock***	Franklin	2285	8	69.1	......	85	28	50	3	14.73	......	5.90	9-10	0.0	12	4	16	10	sw.	U. S. Forest Service
Wilson	Mississippi	237	19	74.8	−2.5	96	30	49	4†	7.60	+4.67	2.25	17	0.0	11	15	0	15	se.	D. O. Anderson
Wynne	Cross	167	36	74.7	−3.0	91[a]	27†	52	4†	6.76	+3.00	1.71	10-11	0.0	9	18	5	7	......	Mrs. C. A. Ford
State Means	...	...	..	75.2	−2.0	98	10†	43	3	9.26	+5.13	7.75	11-12	0.0	11	9	11	10	s.	

Daily Precipitation for June, 1945

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Abbott[2]	Arkansas	....	.05	....	.63	.03	.22	....	.21	.58	2.00	2.56	1.85	....	.25	....	....	.56	.60	....	....	....	.14	.85	....	T.	....	....	....	....	....	10.53
Alum Fork Reser.	Arkansas	....	.03	....	T.	T.	.12	....	.16	.04	3.25	4.04	1.24	.35	.07	T.	.13	1.13	....	....	....	....	....	....	.20	.20	....	....	....	....	....	10.96
Aplin[2]	Arkansas	....	.24	....	.11	....	.02	....	.06	.18	.66	3.34	1.68	.04	.05	....	....	1.31	.28	....	....	....	....	....	....	.04	....	....	....	....	....	8.01
Arkadelphia[2]	Ouachita	....	.60	.02	.04	T.	T.	T.	T.	....	....	5.07	5.50	.19	.85	.05	....	....	.18	....	....	....	....	....	....	.06	....	....	....	....	T.	12.56
Arkansas City[2]	Mississippi	....	T.	.15	....	....	....	....	....	....	....	....	1.41	.05	.99	.88	....	....	.02	....	....	....	....	....	....	....	.21	....	....	....	....	3.71
Ashdown	Red	....	1.04	....	....	....	....	....	....	....	T.	1.64	2.76	.63	.02	....	....	T.	....	....	....	....	T.	....	....	....	....	....	....	....	....	6.09
Augusta[2]	White	....	.88	....	....	....	....	....	.02	.53	3.08	1.49	.54	.03	.45	.11	....	2.15	.50	....	....	....	....	....	....	....	T.	....	....	....	T.	9.78
Batesville Air'y[3]	White	....	.38	....	....	.34	.02	.55	.07	2.09	2.00	1.33	.30	.10	.87	....	.32	1.92	....	....	....	....	....	....	.43	.57	....	....	....	....	.64	11.93
Batesville Livestk[2]	White	....	....	....	....	....	.33	.64	....	1.13	3.65	3.35	.55	....	....	.33	....	T.	....	....	....	T.	....	....	....	.47	....	....	....	....	....	10.45
Batesville River[2]	White	....	.54	....	....	....	.30	....	.88	....	1.81	1.78	.43	.02	.14	....	....	1.85	.49	.01	....	....	....	....	....	.75	....	....	....	....	....	9.00
Beaty Lake	St. Francis	....	.46	....	T.	T.	.03	.24	T.	.55	.46	1.15	.38	.18	.85	....	....	1.72	.62	....	....	....	....	....	....	T.	....	....	....	....	....	6.64
Beaver[2]	White	....	2.52	....	....	....	1.01	....	....	.19	1.30	.99	.64	.06	....	.03	....	2.04	.16	....	....	....	.71	....	....	....	....	....	....	....	.42	10.07
Bee Branch	Arkansas	....	.87	....	....	....	....	....	....	.42	5.30	1.10	1.64	.26	.09	....	....	1.51	....	.09	....	....	....	....	....	....	....	....	....	....	....	11.28
Beech Grove[2]	White	....	.23	....	....	....	.77	.01	.41	1.50	.91	1.76	.43	.12	.47	.41	....	2.81	.04	....	....	....	T.	....	....	.01	....	....	....	....	....	9.88
Beedeville[2]	White	....	.93	....	....	....	.38	....	.04	.55	3.09	1.15	.39	T.	.86	T.	....	1.10	.96	....	....	....	....	....	....	T.	.45	....	....	....	T.	9.90
Benton[2]	Saline	....	.55	....	....	.05	.03	.10	.02	....	.43	2.95	3.12	.14	.18	....	.90	2.00	....	....	....	....	....	....	....	.25	....	....	....	....	....	10.72
Bentonville[2]	Arkansas	....	2.47	....	....	.18	.18	....	....	.37	1.44	1.25	.03	....	.11	.03	....	1.85	....	.16	....	.78	....	....	....	T.	....	....	....	T.	....	8.85
Bethesda[2]	White	....	.49	....	....	....	.31	....	.64	1.02	3.65	1.65	.48	....	....	.16	....	2.92	T.	....	....	.07	....	....	....	.68	....	....	....	....	....	12.07
Big Flat[2]	White	....	....	....	....	.26	....	....	....	1.06	2.13	4.16	.51	T.	....	....	....	.05	3.46	....	....	.74	....	....	....	....	....	....	....	....	....	12.37
Big Lake Outlet[2]	St. Francis	....	.11	.09	....	....	.88	.06	.09	1.28	.42	.55	.26	....	.63	.25	....	1.72	.15	....	....	....	....	....	....	....	.02	....	....	....	....	6.51
Black Rock[2]	White	....	.22	T.	....	....	1.25	....	.70	1.35	.88	1.96	.29	....	1.68	....	....	2.16	.25	....	....	....	....	....	....	....	....	....	....	....	.05	11.79
Bluff City	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Blytheville[2]	St. Francis	....	.14	....	....	....	1.63	....	.66	1.29	.31	.39	.25	....	.12	.60	....	1.18	.39	T.	....	....	....	....	....	....	....	....	....	....	.44	7.40
Booneville 3 mi. w	Arkansas	T.	.06	.28	.05	....	.12	....	.10	.62	4.73	2.47	.89	.11	.08	....	.23	.97	....	....	....	....	.07	.27	....	.43	....	....	....	....	....	11.48
Booneville[2]	Arkansas	....	.06	....	.31	.09	.13	....	.14	.68	.90	3.72	1.40	.20	.03	.02	....	.42	.73	....	....	....	....	.31	....	.14	....	....	....	....	....	9.58
Boughton[2]	Ouachita	....	1.03	.58	....	....	....	....	....	....	....	2.60	6.30	....	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10.91
Bradford[2]	White	....	1.68	....	....	....	....	....	.45	.35	4.35	1.27	.64	.06	.15	.48	....	1.78	.69	....	....	....	....	....	....	....	.23	....	....	....	....	12.13
Brinkley[1]	White	T.	.42	T.	T.	T.	T.	.62	....	.07	.53	2.33	.02	.41	.05	T.	....	2.80	.01	....	....	....	....	....	....	....	....	....	....	....	....	7.26
Burdette	Mississippi	....	....	....	....	....	1.02	.24	.12	.72	.10	.52	.41	.12	.85	.07	....	1.53	.10	....	....	....	....	....	....	....	....	....	....	....	....	5.80
Calico Rock[2]	White	....	2.43	....	....	....	.72	....	.14	1.03	1.64	3.55	.65	.24	.76	.04	....	3.92	T.	.72	....	....	T.	....	....	.15	....	....	....	....	.43	16.42
Camden[2]	Ouachita	....	1.34	.07	....	....	....	....	....	....	....	.92	.70	.65	.15	1.80	....	....	.41	....	....	....	....	....	....	....	....	....	....	....	....	6.04
Camp Chaffee[2]	Arkansas	T.	.07	T.	.04	.02	.16	....	....	.49	7.16	2.68	1.30	....	.01	....	....	1.60	.64	....	....	....	T.	.34	....	....	....	....	....	....	....	14.51
Camp Robinson[1]	Arkansas	.10	.48	T.	....	....	.21	....	T.	T.	1.74	1.50	1.25	.38	....	....	....	2.18	....	....	....	....	.02	....	....	.02	....	....	....	....	.05	7.93
Carlisle[2]	Arkansas	....	....	....	....	....	....	.10	....	....	....	2.52	1.21	....	....	....	....	2.23	....	....	....	....	....	....	.12	....	....	....	....	....	....	6.18
Clarendon[2]	White	....	.33	T.	....	....	....	....	....	.03	....	2.44	.84	.01	.60	....	....	.42	1.96	....	....	....	....	....	....	.01	....	....	....	....	....	6.64
Cold Springs[2]	Ouachita	....	....	....	.10	.10	.09	....	.60	.83	....	3.60	2.00	....	.45	....	....	.80	1.00	....	....	....	....	.75	....	....	....	....	....	....	....	10.32
Conway	Arkansas	....	.28	....	....	....	....	....	....	.26	2.98	2.69	1.56	.09	....	.02	.05	1.96	....	.30	....	....	....	....	....	....	....	....	....	....	....	10.19
Corning[2]	White	....	.30	....	....	....	.83	....	.65	2.50	1.05	3.55	.10	....	.96	....	....	3.15	.15	.40	....	....	....	....	....	....	....	....	....	....	....	13.64
Cotter[2]	White	....	.40	....	....	....	1.61	....	.13	.44	1.16	2.17	.29	.21	T.	....	....	3.23	.12	....	....	....	.38	....	....	....	....	....	....	....	.43	10.57
Crossett	Ouachita	....	.91	T.	....	....	....	....	....	....	....	.69	1.37	.44	.38	....	....	.73	....	....	....	....	....	T.	T.	.08	....	....	....	....	....	4.60
Crystal Valley[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Cummins Farm	Arkansas	....	....	....	....	....	....	....	....	....	.05	1.20	.50	.25	.30	....	....	.65	.50	....	....	....	....	....	....	....	....	....	....	....	....	3.45
Danville[2]	Arkansas	....	.05	....	.07	.01	.01	....	.18	.12	.52	2.26	1.30	.05	.34	.02	....	.50	.58	....	....	....	.01	1.48	....	.04	....	....	....	....	....	7.54
Dardanelle[2]	Arkansas	....	.17	....	.01	....	.05	....	.05	.49	2.62	2.83	1.66	.02	....	....	....	.87	....	....	....	....	....	....	....	.10	....	....	....	....	....	8.87
Denmark	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
De Queen	Red	....	....	....	....	....	....	....	T.	....	....	1.43	2.55	1.19	.12	....	....	.64	.06	....	....	....	.62	....	....	....	....	....	....	T.	....	6.61
Dermott[2]	Mississippi	....	....	.28	....	....	....	....	....	....	....	....	1.57	....	1.03	.75	....	....	....	.04	....	....	....	....	....	.15	....	....	....	....	....	3.82
Des Arc[2]	White	....	.72	....	T.	....	....	T.	.29	....	T.	2.20	1.01	T.	.57	....	....	1.04	.69	....	....	....	....	....	....	....	....	....	....	....	T.	6.52
Devils Knob	Arkansas	....	.62	....	....	....	.59	....	....	1.05	5.65	3.06	.79	....	.08	....	....	.62	....	....	....	.19	.34	....	....	....	....	....	....	....	....	12.99
Dumas	Mississippi	....	.66	....	....	....	....	....	....	....	T.	1.04	.38	.36	.59	....	.24	.39	.46	....	....	....	....	....	....	T.	....	....	....	....	....	4.12
Eagle Gap[2]	Arkansas	....	.27	....	.13	.55	.25	....	1.63	.21	2.60	2.89	1.48	.14	.05	....	....	1.12	.73	....	....	....	.19	.70	....	....	....	....	....	....	.05	12.99
El Dorado[2]	Ouachita	....	.76	.89	....	....	....	....	....	....	....	....	2.00	.29	.61	....	....	....	.05	....	....	....	....	....	.04	....	....	....	....	....	.24	4.88
Eleven Point[2]	White	....	.57	....	....	....	1.03	....	.59	2.84	1.08	2.15	.15	.07	.90	.03	T.	2.67	.15	.67	....	....	.11	....	....	.09	....	....	....	....	2.34	15.44
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Eureka Springs	White	....	1.78	....	....	.40	.30	....	....	1.88	1.00	1.12	.15	....	....	....	....	2.55	.60	.07	....	1.42	....	....	....	....	....	....	....	.20	.10	11.57
Evening Shade[2]	White	....	.48	....	.90	.48	.90	....	.48	1.15	.94	2.90	.35	T.	.20	.56	....	2.31	.27	T.	....	....	.50	....	....	.11	....	....	....	....	T.	12.53
Fayetteville	White	T.	.18	....	....	.02	.21	....	....	.79	2.29	2.13	.13	....	.04	....	T.	.84	.20	....	....	.73	T.	T.	....	.05	....	....	....	.24	....	7.85
Fayetteville Exp. S	White	T.	.20	....	....	.03	.13	....	....	1.05	1.46	1.74	.14	....	.01	....	T.	1.04	....	.10	T.	.48	.12	T.	T.	.09	T.	....	....	.07	....	6.66
Fordyce	Arkansas	....	2.00	....	T.	....	....	....	....	....	T.	T.	2.50	....	.85	....	....	T.	T.	....	....	....	....	....	....	.69	....	....	....	.43	....	6.47
Forester[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Fort Smith[1]	Arkansas	.01	.19	.02	T.	....	.12	T.	.58	5.13	5.41	.90	.64	T.	T.	....	.15	1.60	....	....	....	T.	.05	T.	.04	.18	....	....	....	....	....	15.02
Fort Smith W.[2]	Arkansas	.14	....	....	....	.16	....	....	....	3.55	5.41	1.84	1.00	T.	.08	.10	.73	....	.15	....	....	....	.20	.11	....	.11	....	....	....	....	....	13.58
Fulton[2]	Red	....	1.98	....	T.	....	....	....	....	....	....	2.38	5.80	.09	.27	.03	....	.21	.05	....	....	....	....	T.	....	....	T.	....	....	....	T.	10.81
Garland[2]	Red	....	2.34	....	....	....	....	....	....	....	....	.49	5.16	.25	.37	.19	....	....	.34	....	....	....	....	....	....	....	....	....	....	....	....	9.14
Georgetown[2]	White	....	....	.63	....	....	....	....	....	....	.20	.30	2.00	.60	.12	.15	.07	....	1.45	1.00	....	....	....	....	....	....	....	....	....	....	....	6.52
Gilbert[2]	White	....	.67	....	....	....	.22	....	....	.62	4.00	2.70	.55	.35	.20	....	....	1.95	....	....	....	....	.47	....	....	....	....	....	....	....	....	11.73
Glenwood[2]	Ouachita	....	.36	....	....	....	.08	....	.68	....	....	3.52	1.66	.40	.36	....	....	.41	.16	....	....	....	....	.04	....	.42	....	....	....	....	....	8.09
Grannis	Red	T.	.79	.27	.01	T.	.05	....	.55	T.	.12	2.71	1.72	.30	.18	T.	.17	1.17	....	....	....	....	.51	.05	.02	....	....	....	....	T.	.02	8.64
Gravelly[2]	Arkansas	....	.40	....	.14	.06	.05	....	.35	.34	.19	3.71	2.00	.08	.12	T.	....	.43	.53	....	....	....	....	2.03	....	.05	....	....	....	....	T.	10.48
Gravette	Arkansas	....	.77	....	....	.20	.21	....	....	.09	.90	1.64	.04	....	....	....	....	2.03	....	....	....	.28	....	....	....	....	....	....	....	.16	....	6.32
Green Forest	White	....	1.01	....	....	.12	.19	....	....	1.22	.85	1.20	.06	....	.02	....	....	1.62	.04	....	....	....	.66	....	....	.08	T.	....	....	.05	.49	7.61
Green Mountain	White	....	.65	....	....	.40	.47	.47	....	.90	2.60	2.85	.58	.05	.20	....	....	4.00	....	T.	....	....	T.	....	....	....	....	....	....	....	....	13.17
Greenwood[2]	Arkansas	....	.04	....	....	.35	.35	....	.05	.33	1.65	1.15	1.59	....	....	....	....	2.63	.40	....	....	....	.02	1.21	....	....	....	....	....	....	....	9.77
Harrisburg[2]	St. Francis	....	.64	....	....	.44	....	....	....	2.29	1.06	1.45	.04	.60	.10	....	....	1.68	....	....	....	....	....	....	....	....	....	....	....	....	....	8.30
Harrison	White	.57	....	....	....	T.	.17	....	....	.45	1.47	1.73	.17	....	.15	....	....	1.63	....	....	....	.18	.54	....	....	....	....	....	....	.28	....	7.34
Helena[2]	Mississippi	....	T.	.11	....	....	....	....	.22	.04	....	1.14	.75	....	.50	.74	....	.23	1.49	....	....	....	....	....	....	....	....	....	....	....	....	5.22
Henderson[2]	White	....	....	....	....	....	1.25	....	....	1.00	2.20	1.98	.71	....	....	....	....	2.45	....	....	....	....	.10	....	....	.45	....	....	....	.90	.25	12.19
Hollis	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Hope[2]	Red	....	1.58	.10	.12	....	....	....	....	T.	....	2.11	7.75	.54	.13	.02	....	....	.04	....	....	....	....	T.	T.	.03	....	....	....	....	....	12.42
Hot Springs	Ouachita	....	.47	....	.32	....	.11	....	.23	T.	1.05	3.00	1.63	.78	.05	....	....	.85	T.	....	....	....	....	T.	T.	.20	....	....	....	T.	T.	8.69
Huttig[2]	Ouachita	....	.02	.74	....	....	....	....	....	....	....	....	2.01	.04	.49	.22	....	....	.74	....	....	....	....	....	.08	....	.92	....	....	....	.04	5.30
Iudex[2]	Red	....	2.50	....	....	....	....	....	....	....	....	.90	3.90	....	.50	.10	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	8.00

Daily Precipitation for June, 1945 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Jessieville	Ouachita		.26			.23		.28			6.30	*	2.95	.53	T.	.31	.04	1.87								.06					.04	12.87
Jonesboro[2]	White		.37				.86	.04	.30	1.22	1.67	1.79	.55	.01	.27	.15		1.76	.72							.02					.01	9.74
LaCrosse[2]	White		.71				.70		1.87		1.81	2.29	.38			.12		3.44	.32			.17									.06	11.87
Lake City[2]	St. Francis		.22				.72			.86			.89		.75			2.00														5.44
Lead Hill	White	T.	.73			.62	.88		.02	.82	1.27	2.03			.03			1.22				1.59	T.		T.	T.	T.			1.08		10.29
Little Rock[1]	Arkansas	.28	.53	.01	.01	T.	.13		T.	.01	1.20	1.82	.92	.66	.04	T.		2.11					T.		T.	.01				06		7.79
Lutherville	Arkansas	.31	.38				.05			.70	5.00	2.70	.73	.05	.04		.06	.94		.24		T.										11.20
Madison[2]	St. Francis		.10	.45				.10	.46	1.17		1.20	.75		.45	.35		.85	1.25													7.13
Magnolia	Red		2.60									1.24	.82	.46	1.08																	6.20
Mammoth Spg[2]	White		.36				.40	57	.34	1.30	1.07	1.58	.10		.42	.14		1.69	.66							.12				.44		9.19
Marianna[2]	St. Francis		.16	.01	T.			.02	.13	.32		1.34	1.21		.41	.43		1.60	1.14													6.77
Marked Tree[2]	St. Francis			.20			.38	.14	.15	1.85	.54	.68	1.27		.69	.28		1.68	1.03							T.						8.89
Marshall[2]	White	.40										.60		.20			2.20															....
Marvell[2]	White		.38	T.						.11		2.31		.74	.43				1.54													5.51
Mena[2]	Ouachita		.63	T.	.09	.48	.61		.89	.06	.05	2.70	2.14	.14	.21	.01	T.	1.00	1.32					1.14								11.47
Monticello[1]	Ouachita		.55									.90	.46	.02	2.78				.62					.02		2.43						7.98
Morobay[2]	Ouachita		.69	1.33								.56	1.13	.19	.64	.16			.22						.39	T.	.03					5.34
Morrilton[2]	Arkansas		.20		T.		T.	.05		.15	1.25	2.40	.25	.10	T.	.10		1.30	.40	.30						T.					.06	6.56
Mountainburg	Arkansas	T.	.13				.10			4.72	5.12	1.92	.59		.03		.51	.66				T.	.25	.05		.08						14.16
Mountain Home	White					1.30	.30	T.		1.30	2.40	1.50	.45					2.35				.10	.20			.20				.20		10.30
Mountain Valley	Ouachita																															....
Mountain View[2]	White		.43				.30		.64	.60	3.60	2.90	.55	.01	.25	.20		4.50	.03	.04												14.05
Mount Ida	Ouachita		.42		1.06		.30		.36		.69	4.80	1.23	.63	.10			1.45					.72			.04						11.80
Mulberry[2]	Arkansas		.07							2.05	4.60	2.72	1.06		.15	.05		1.05	.25	T.				.12	.24						.06	10.42
Nashville	Red	.32			T.				T.		.10	3.03	3.52	.22				.15					T.									7.34
Newhope[2]	Ouachita																															....
Newport[2]	White		.85				.55		.30	1.08	2.30	1.25	.60	.01	.40	.50		1.45	.90							.10	.02					10.31
Nimrod Dam[2]	Arkansas		.15		.20		.05		.10	.10	.90	4.45	1.22	.80	.55			1.40	.20													10.12
Odell[2]	Arkansas		.10				.22			1.65	6.25	1.80	1.76				.10	2.12	.13							.28					.10	14.51
Oden	Ouachita		.33	.10	.95	.29		.51			4.70		1.42	.35	.52			1.06					.06	1.35								11.64
Okay	Red		1.42		T.							1.58	3.62	.12	.31									.07								7.12
Osceola[2]	Mississippi																															....
Ozark[2]	Arkansas		.42				T.		T.	.94	4.05	3.19	.85	.03	.13			.50	.86				.11			.06						11.14
Paragould	St. Francis		.34			.51	.24	.31	.03	1.51	1.18	2.86	.41	.08	.56	.01		2.93								.03				.09	.02	11.11
Parkin[2]	St. Francis		.43	T.			.23	.19		1.53	.19	1.12	.73	.42		.32		.43	1.22													6.81
Perryville[2]	Arkansas	T.	.14	.40			.02		.02	.06	1.74	2.67	1 19	.08	.02		.34	1.46								.32						8.46
Pine Bluff[2]	Arkansas		1.20	.04		.01					.01	2.66	1.23	T.	.63	.10			.59							1.34	.08				.08	7.97
Pine Ridge[2]	Ouachita		.43		.05	.21	.34		.63		06	3.16	1.68	.38	.20			.79	.58					.86								9.37
Pocahontas	White		.56			T.	1.05	.97	.01	2.77	1.31	2.54	.11	.06	.65	01	.07	2.47	.10	.09						.04					1.22	14 03
Portland[2]	Ouachita			.32									1.58	.18	.90	.95			.05							.10	.10					4.18
Prescott[2]	Ouachita		1.13	.05	.02							1.13	6.71	.41	15	.08			.02												.05	9 75
Ratcliff[2]	Arkansas		80		.10						5.32	1 89	1.12			.80		.45	.92					.48		.18						12.06
Red Star	White		.33				.11				1.43	4.17	1.05	.60	.18		.03	.94					.74			.10						9.68
Rogers	White		1 04			.21	.41			.89	.96	1.75	.06		T.		90	2.01	.40			1.50		T.	T.					.10		10 23
Rosebud	Arkansas																															....
Russellville	Arkansas		.13		T.		T.		T.	.66	3.98	2.05	.88	.10			.09	1.06		.02					T.	T.						8.97
St Charles	White		.23								1.14	1.15	1.23	.16	.37		.11	1.23	.86							.06						6.54
St. Francis[2]	St. Francis		.09				1.47	.10	.61	2.62	1 16	2.52	.40	.06	.82	.09		2.27	.24		.42											12.87
Searcy[2]	White		.70						.02	.06	1.94	2.26	.90	.04	29	.08		2.05	.63	.02												8.99
Sheridan	Ouachita		.45		.02	T.	.04				1.66	3.06	1.47	.15	.04			1.34								.97				.02		9.22
Shirley[2]	White								T.		7.55	3.70	1.12	.20	.22			1.10		.72												14 61
Siloam Springs	White	T.	.31	T.		T.	.13		T.	1.37	.98	2.54	.10	T.	.02		.10	1.33	.04			.27	.02	T.	T.	.10	.01			.03		7 35
Sparkman	Ouachita		1.51	.09								3.07	2.31		.82											.40				.53		8.73
Stamps	Red		1.49									.37	2.09	.84	1.34		T.	.01	.50				T.	T.						T.		6.64
Stephens[2]	Ouachita																															....
Steve[2]	Arkansas									.60	2.81	2.65	1.40					1.75														9.21
Story[2]	Ouachita		.47			.26	.10		.39	.17	1.73	3 20	2.00	.17	.18				1.01					.38		.46						10.52
Stuttgart[2]	Arkansas		.42	T.								3.22	.88		.69	.01			1.56	.30						.21						7.29
Stuttgart Evap	Arkansas		.17	T.							1.22	1.79	.18	.23				2.03		.43						.07				.04		6.16
Subiaco[2]	Arkansas		.12		.09		.10			.70	1.65	4.40	.85	.10	T.			.87	.50				.28	.23							T.	9.89
Sugar Grove[2]	Arkansas				.21	T.	.14	.31	.31		.94	2.94	1.30	.40	.10			1.05	.30					.30		.18						8.48
Texarkana[3]	Red	1.90	.49	T.	T.				T.		T.	4.12	3.16	.42	.15			.02	.01				.04	T.						T.		10.31
Tichnor[2]	White		T.									.35	2.00																			....
Turnpike	Arkansas	.01	1 27				06			1.27	6.22	2.45	1.17	.08	.10			.51		.04			.05								.03	13.26
Viola[2]	White		.16			1.66	1.88		.11	.96	1.66	2.30	.17	.62	.02	T.		3.43	.07	.66						15					1.19	15.04
Waldron[2]	Arkansas				.05	.15			.80	.15	.73	4.02	1.94		.15			.30	1.10					.90								10.29
Walnut Grove	White		.51			T.	1.04	.41		.88	2 08	1.89	.18	.25	.30		1.43	2.80								.22						11.99
Warren	Ouachita		.88								T.	2.40	.18	.66	1.13			T.	.27							1.43						6.95
Whitecliffs[2]	Red		1.27		.15							1.15	4.10	.20	.72																	7.59
White Rock	Arkansas		.10			T.	.16			2.75	5.90	3.26	.57		.52		.38	.58				T.				.41				.07	.03	14.73
Wilson[2]	Mississippi		.15				.67	.20	.25	1.05	.45	.85			.05	1.30		2.25	.38													7.60
Wynne	St. Francis		.41				.84			.35	.55	1.71	.37		.80	.20		1.53														6.76

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for June, 1945

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mthly.
Bethesda	Evap.	.363	.343	.141	.279	.200	.286	.048	.262	.650	....	....	....	.156	.031	.054	.255	....	.142	.314	.225	.151	.236	.153	.367	.325	.172	.194	.433	.318	.176	6.237
	Mean tem.	76	70	59	60	57	68	70	75	74	68	70	72	73	72	76	80	71	65	68	71	72	72	74	75	76	74	78	83	83	82	72.2
	Wind move	3	77	53	54	40	66	52	75	73	99	22	57	42	75	19	79	81	30	43	19	22	29	32	30	12	49	25	103	91	42	1,494
Hope, Exp. Farm	Evap.	.258	.310	.145	.151	.169	.142	.216	.300	.244	.268	....	....	.111	.114	.123	.237	.242	.094	.272	.275	.265	.223	.154	.137	.236	.282	.198	.311	.269	.239	5.985
	Mean tem.	76	74	68	68	72	76	80	82	81	80	72	70	74	75	81	82	77	74	72	74	76	77	77	81	84	82	83	84	84	84	77.2
	Wind move	50	45	25	35	40	25	40	50	45	57	48	52	17	12	19	32	38	45	35	30	10	10	22	16	12	30	18	42	40	32	972
Nimrod Dam	Evap.	.350	.294	.312	.110	.092	.144	.204	.392	.268	....	....	.034	.076	.188	.136	.228	.228	.072	.250	.306	.246	.204	.198	186	.238	.306	.188	.366	.172	.246	6.034
	Mean tem.	76	74	63	62	62	72	67	80	76	71	70	70	75	72	76	81	71	68	70	70	72	76	76	78	81	78	82	82	84	....	74.2
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Russellville	Evap.	.292	.200	.186	.088	.150	.158	.250	.270	288	....	....	.080	.058	.220	.178	.208	.136	.146	.216	.296	.166	.182	.192	.204	.250	.206	.354	.228	.260	.270	5.382
	Mean tem.	76	73	68	64	65	76	83	84	78	76	70	72	75	74	82	80	74	68	70	71	80	77	78	80	79	79	82	84	86	85	76.4
	Wind move	40	24	18	18	32	26	24	43	28	32	22	18	16	23	23	17	25	14	15	11	8	12	9	10	14	14	27	24	25	22	634
Stuttgart, Rice Exp. Farm	Evap.	.331	.181	.188	.196	.156	.203	.279	.537	.345	043	...	.146	.154	.036	.197	223	....	.197	.235	.224	.364	.114	265	.252	.106	.164	.286	.238	.269	.241	6.170
	Mean Tem	79	74	71	68	73	76	84	84	83	76	73	75	76	72	79	81	72	71	72	73	75	78	80	80	89	79	83	84	86	85	77.0
	Wind move	220	50	40	55	65	60	120	130	130	70	188	22	75	55	130	40	80	50	40	30	5	35	30	10	20	20	60	145	90	75	2,140

Daily Temperatures for June, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Alum Fork........	Maximum	85	85	83	70	75	87	95	93	90	86	78	78	84	78	87	89	89	88	81	84	86	88	88	91	90	88	90	91	92	91		86.0
	Minimum	68	59	55	53	55	56	70	70	63	60	62	62	63	63	69	68	64	55	55	54	61	62	62	64	70	69	68	74	73	70		63.2
Arkadelphia ...../	Maximum	87	87	75	73	84	91	96	94	94	80	78	81	84	83	90	91	79	85	89	89	90	92	88	94	93	94	95	95	94	96		88.0
	Minimum	63	60	60	57	58	58	62	68	68	72	61	63	63	64	65	69	71	60	55	55	58	63	66	66	71	68	70	72	73	72		64.4
Ashdown.	Maximum	82	82	80	72	83	87	91	88	88	87	81	77	77	82	89	88	87	82	86	86	86	87	89	92	92	92	91	92	96	95		86.2
	Minimum	68	65	56	57	64	67	72	71	67	74	64	64	67	66	75	74	67	66	61	62	64	66	68	71	74	74	74	75	76	76		68.2
Batesville Air.....	Maximum	85	84	74	69	65	81	80	89	87	76	78	81	86	79	88	91	77	81	81	86	87	87	88	91	89	85	93	90	93	92		83.8
	Minimum	70	58	50	51	52	55	63	71	64	60	64	64	62	65	68	69	61	52	56	54	61	60	62	61	67	65	66	75	75	68		62.3
Batesville, Livestk	Maximum	82	83	71	69	64	80	81	76	87	77	85	80	85	79	88	90	78	80	80	84	81	86	87	90	87	84	91	90	91	91		82.6
	Minimum	70	60	43	51	49	54	59	64	64	60	62	64	62	65	66	72	64	49	54	53	60	60	65	61	64	64	67	69	76	74		61.5
Bee Branch........	Maximum	85	78	76	72	71	78	86	90	87	87	78	79	84	78	87	88	85	82	82	85	86	83	90	90	90	89	91	90	91	92		84.3
	Minimum	66	61	63	49	53	49	72	74	64	61	62	64	63	65	67	72	64	51	53	75	61	63	64	63	67	70	72	76	76	72		64.4
Benton ..../	Maximum	84	84	82	68	77	88	92	89	89	79	80	80	85	80	80	80	80	80	84	86	87	89	89	92	90	90	90	91	91	92		84.9
	Minimum	63	61	58	55	56	57	58	68	69	63	62	63	64	64	66	65	66	63	55	53	58	62	63	64	64	65	67	73	74	72		63.0
Bentonville ....../	Maximum	85	76	68	72	66	86	89	87	78	79	74	77	80	80	86	70	84	79	80	82	71	85	86	85	85	86	90	91	89	90		81.2
	Minimum	70	58	49	50	51	53	60	69	63	62	60	60	59	64	65	64	58	49	50	56	61	60	63	65	64	63	66	74	72	70		60.9
Bethesda........./	Maximum	83	82	70	68	65	81	82	87	86	77	78	80	85	78	88	89	78	80	80	89	84	86	86	89	87	84	91	90	91	91		82.8
	Minimum	69	59	48	51	49	54	59	63	63	60	63	64	61	65	65	72	64	50	55	53	61	58	61	61	65	63	65	76	75	74		61.5
Bluff City..........	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Blytheville........	Maximum	85	81	72	67	71	78	79	85	85	75	78	84	85	75	85	88	86	76	77	84	85	84	88	89	86	83	93	91	92	92		82.6
	Minimum	71	63	54	50	50	56	63	65	64	66	67	67	67	67	68	71	69	58	60	61	64	66	67	66	74	68	71	76	77	73		65.3
Booneville	Maximum	86	86	83	69	79	89	94	92	88	82	77	79	83	82	89	89	76	82	85	87	85	88	89	90	91	89	91	90	92	91		85.8
	Minimum	72	63	61	57	58	58	74	68	65	60	62	64	65	74	73	74	65	54	60	57	65	68	66	67	68	67	73	77	77	77		66.3
Brinkley	Maximum	88	86	78	73	74	86	93	90	90	77	81	86	87	80	90	91	76	80	83	86	86	88	90	93	93	90	95	94	93	95		86.4
	Minimum	71	64	58	53	55	59	70	76	67	66	65	67	68	66	71	74	65	62	59	60	63	67	68	66	72	69	70	77	77	77		66.7
Camden.	Maximum	92	85	81	78	88	92	97	93	93	90	83	82	86	83	92	96	87	86	92	86	90	94	85	94	94	96	95	95	95	96		89.9
	Minimum	67	61	64	60	60	67	72	73	75	72	64	66	68	65	71	70	74	65	59	63	64	66	66	68	73	70	74	74	76	74		68.0
Camp Robinson...	Maximum	87	84	74	69	74	89	93	91	91	77	81	83	85	82	89	90	86	83	82	87	87	88	90	93	90	89	94	92	94	94		86.3
	Minimum	67	63	57	55	55	58	71	75	66	63	64	65	65	65	71	72	65	60	60	58	58	59	60	60	61	61	70	75	76	74		64.3
Conway	Maximum	86	89	85	71	72	88	92	92	90	86	78	82	87	83	90	90	82	84	84	88	88	89	90	93	93	92	94	93	94	94		87.3
	Minimum	69	65	57	55	58	60	72	76	66	63	63	65	66	66	71	73	65	62	58	58	64	65	67	67	72	68	71	76	77	76		66.4
Corning	Maximum	86	82	78	69	71	79	81	88	87	83	79	83	85	80	88	88	81	81	80	86	86	87	88	90	90	91	95	92	94	94		84.7
	Minimum	69	62	51	47	49	54	61	67	63	63	63	67	67	66	68	75	65	53	58	59	63	66	64	64	71	65	68	77	74	71		63.7
Crossett............	Maximum	90	85	80	78	89	92	94	92	91	90	87	84	84	83	92	92	83	80	87	89	90	90	93	93	63	93	94	95	94	96		89.1
	Minimum	63	62	61	60	60	66	71	72	71	70	63	63	67	65	71	68	68	69	54	55	58	67	64	66	72	67	70	74	74	70		66.0
Cummins Farm....	Maximum	90	84	78	74	82	93	96	91	93	98	81	84	84	79	88	89	83	79	82	85	88	89	91	91	90	91	96	95	95	96		87.8
	Minimum	69	61	61	59	60	65	70	76	74	69	66	65	67	66	71	72	66	65	58	60	62	69	71	69	72	70	70	75	76	74		67.6
Dardanelle........	Maximum	88	87	86	72	74	92	94	94	93	92	80	78	84	83	90	91	82	82	85	87	87	89	91	91	92	92	94	93	95	94		87.7
	Minimum	71	63	58	58	60	59	72	71	65	64	64	65	66	67	73	73	67	57	58	59	67	66	67	67	72	68	73	77	79	77		66.8
De Queen....	Maximum	84	88	85	75	81	88	87	91	90	87	80	79	79	80	89	88	85	82	88	86	88	84	85	91	93	90	90	90	90	90		86.1
	Minimum	69	61	63	62	60	66	68	67	68	67	63	64	65	65	68	72	67	58	57	57	60	65	65	67	71	70	70	69	76	75		65.8
Des Arc	Maximum	89	85	84	72	71	84	89	90	90	86	80	85	88	82	90	92	79	78	81	86	96	87	90	90	89	89	94	93	90	94		86.4
	Minimum	70	63	58	54	65	59	71	66	80	63	65	65	72	65	70	73	65	62	60	61	62	66	69	66	70	68	72	76	76	76		66.9
Devils Knob.......	Maximum	78	71	71	65	63	79	82	83	79	75	68	70	75	72	81	82	73	75	75	78	77	82	82	80	84	79	84	85	84	83		77.2
	Minimum	65	59	49	50	52	53	68	69	61	56	58	59	64	59	61	66	61	53	54	62	62	59	68	66	65	64	69	77	71	71		61.7
Dumas	Maximum	91	86	85	78	87	93	94	96	94	93	82	87	89	81	92	93	83	81	86	88	90	91	93	94	93	94	97	97	98	..		89.9
	Minimum	67	63	62	60	60	65	70	72	74	70	65	65	68	66	71	72	65	66	58	60	63	68	68	68	72	70	74	77	75	..		67.4
El Dorado	Maximum	96	96	89	87	89	92	95	93	93	90	85	83	85	84	92	93	93	79	88	89	91	92	94	96	96	96	95	95	93	95		91.1
	Minimum	66	59	60	59	59	67	70	71	70	70	60	63	65	63	63	64	63	62	55	59	64	66	66	67	65	67	72	73	74	72		65.1
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Eureka Springs ...	Maximum	82	78	69	69	68	85	84	86	83	76	77	77	78	78	86	85	82	77	78	81	70	83	85	84	82	83	89	89	87	89		80.7
	Minimum	70	58	48	48	50	52	69	71	65	59	60	61	60	63	67	66	60	50	51	60	61	60	61	66	65	63	71	75	70	68		61.7
Fayetteville.	Maximum	82	79	73	73	72	87	89	87	81	78	73	75	80	78	86	85	75	79	80	83	80	86	85	85	83	85	90	90	87	89		81.8
	Minimum	70	61	50	51	56	57	73	68	63	60	60	62	60	63	70	64	60	52	50	58	63	61	65	64	68	65	70	75	73	73		62.8
Fayetteville Exp. S	Maximum	83	80	74	73	72	87	89	88	86	77	75	76	80	78	86	85	83	78	80	82	80	85	85	85	83	83	89	89	87	89		82.2
	Minimum	69	59	49	49	54	56	73	67	62	59	59	60	59	62	69	63	58	49	50	58	62	60	65	63	66	64	70	74	71	72		61.7
Fordyce............	Maximum	89	86	78	79	85	89	94	90	91	91	83	83	85	84	89	92	91	83	87	88	90	92	93	95	92	92	93	94	92	95		88.8
	Minimum	79	61	56	59	59	65	72	72	73	70	64	64	64	65	72	69	65	65	57	61	65	65	65	69	73	72	74	74	76	74		67.3
Fort Smith........	Maximum	84	84	70	71	81	89	92	91	86	79	72	77	83	80	90	89	71	80	84	87	77	87	88	87	89	91	93	93	92	92		84.3
	Minimum	73	63	59	59	61	60	75	68	66	63	65	65	66	68	72	71	62	57	61	64	70	68	70	71	72	70	75	80	80	75		67.6
Gilbert............	Maximum	85	82	70	74	65	85	85	91	87	78	79	75	84	81	91	90	75	80	82	85	83	88	90	89	87	87	92	91	92	92		83.9
	Minimum	58	60	48	50	52	55	60	68	62	62	60	60	61	61	62	68	64	54	53	54	55	61	61	63	64	63	63	64	69	69		60.1
Grannis	Maximum	84	88	73	73	79	88	91	89	87	90	77	79	81	80	88	88	75	80	85	86	87	88	87	92	91	90	89	90	91	90		84.9
	Minimum	64	57	62	58	56	61	68	62	68	65	61	61	62	62	70	68	62	54	55	55	62	62	65	66	69	68	69	71	70	72		63.5
Gravette...........	Maximum	83	83	83	72	70	85	87	86	83	80	74	77	80	80	87	85	75	78	79	81	74	85	85	85	85	81	90	89	85	88		81.8
	Minimum	70	58	50	49	55	54	72	68	63	60	60	62	59	63	70	63	58	47	48	58	63	60	66	65	63	64	70	75	68	72		61.8
Green Mountain...	Maximum	86	79	69	66	63	76	80	86	84	85	78	76	82	78	85	89	85	74	76	84	87	84	88	89	84	85	89	90	90	89		82.0
	Minimum	66	59	50	48	51	53	61	70	62	59	59	57	62	62	62	70	62	54	55	62	67	62	65	66	64	65	68	69	74	74		61.9
Harrison	Maximum	83	79	73	79	71	86	85	89	85	77	76	74	82	80	87	87	84	80	80	84	81	84	85	81	83	84	90	90	90	90		82.3
	Minimum	71	59	50	50	52	53	68	71	62	60	60	62	61	64	64	69	63	53	53	55	63	59	63	63	67	63	68	77	72	70		62.2
Helena...	Maximum	86	83	78	73	78	88	90	88	90	88	80	86	87	83	87	86	82	75	79	84	87	87	89	88	86	87	92	90	90	91		85.3
	Minimum	71	64	58	53	53	61	73	74	66	67	65	65	68	66	69	72	65	61	59	61	62	68	70	69	71	68	73	75	75	75		66.6
Hope............../	Maximum	85	85	74	75	85	91	94	93	92	85	81	78	83	85	90	91	79	82	87	88	89	89	87	94	93	93	93	94	94	93		87.4
	Minimum	68	62	63	60	60	61	66	70	70	74	62	63	64	65	67	72	75	65	58	59	62	65	67	68	74	71	73	75	74	75		66.9
Hot Springs........	Maximum	91	88	87	69	80	91	94	95	93	89	79	80	84	82	91	92	87	84	86	87	89	89	88	92	91	83	92	93	93	95		88.1
	Minimum	68	60	58	56	57	59	72	65	71	61	61	63	64	64	72	71	66	57	59	59	65	65	65	67	71	68	73	75	76	75		65.4
Jonesboro	Maximum	87	83	82	70	70	84	83	88	87	87	79	83	88	78	87	90	84	80	80	86	87	87	88	91	89	88	94	92	93	93		85.3
	Minimum	71	61	53	51	51	54	62	67	64	62	65	65	65	65	68	73	64	57	57	59	64	64	69	65	71	68	68	76	76	76		64.4
Lead Hill..........	Maximum	85	79	69	70	68	84	82	88	81	77	78	77	83	78	88	91	79	80	81	85	72	87	88	89	86	84	91	81	92	93		82.5
	Minimum	67	60	50	49	52	56	66	65	62	61	61	63	61	65	67	72	67	52	62	54	62	63	62	61	62	61	78	72	71	72		62.5
Little Rock.....	Maximum	84	83	72	68	74	88	93	90	90	80	81	82	84	81	89	92	80	79	82	88	86	87	89	92	90	90	93	93	93	93		85.5
	Minimum	67	64	59	56	58	62	73	75	68	64	66	66	68	67	73	74	66	63	62	62	66	68	70	72	74	72	74	76	78	75		67.9
Lutherville........	Maximum	85	83	71	71	72	85	92	90	88	81	72	75	87	78	88	88	77	81	81	85	85	91	87	86	90	85	90	91	90	92		83.9
	Minimum	66	60	53	53	55	57	70	70	63	61	61	63	65	64	70	70	64	52	49	55	64	64	66	64	63	67	70	75	76	75		63.5
Magnolia..........	Maximum	88	87	77	78	87	90	93	91	92	90	87	80	83	84	90	95	87	84	85	88	88	89	88	93	93	92	92	93	93	93		88.3
	Minimum	68	62	64	62	62	69	72	71	73	72	63	66	67	65	73	71	73	65	55	60	62	68	69	69	72	70	72	74	76	74		68.0
Mammoth Spring.	Maximum	87	79	75	71	83	80	80	86	82	80	81	78	84	82	89	89	85	82	80	85	84	87	88	90	88	86	92	92	90	91		84.2
	Minimum	67	61	50	51	50	54	63	68	52	53	64	65	63	66	64	71	65	52	53	58	52	62	62	61	68	64	65	75	70	67		61.2
Marianna ..../	Maximum	89	84	77	73	71	90	94	90	90	79	77	85	87	77	87	86	75	77	79	84	85	88	86	89	87	88	94	92	93	94		84.9
	Minimum	70	64	57	54	54	66	68	75	65	67	65	65	66	65	67	72	65	65	60	59	63	65	62	64	70	67	68	76	75	72		65.7
Marked Tree...../	Maximum	87	84	73	71	73	84	83	88	88	77	81	85	97	76	87	90	78	77	80	86	87	90	91	90	89	89	95	93	93	93		85.2
	Minimum	65	65	57	52	51	51	58	65	64	63	64	65	65	65	67	69	65	60	58	59	61	63	64	67	70	70	69	70	77	75		63.8
Marshall........../	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Mena..............	Maximum	85	86	76	67	78	90	90	89	86	82	78	80	83	82	88	90	81	80	84	88	86	88	89	92	90	92	91	92	93	91		85.6
	Minimum	67	59	56	56	57	61	70	64	67	63	60	61	64	64	71	67	63	55	55	55	61	62	65	65	69	67	73	73	75	66		63.7
Monticello.........	Maximum	89	83	78	76	84	91	93	90	92	90	81	82	86	81	90	91	81	81	85	87	89	90	92	94	90	92	92	92	92	94		88.0
	Minimum	68	62	63	60	60	69	72	74	74	71	75	65	69	67	72	72	70	66	57	61	63	71	72	71	70	71	73	75	73	74		68.3
Morrilton ..../	Maximum	90	90	76	75	75	93	94	94	94	83	79	86	89	85	93	92	79	85	88	88	92	93	92	97	95	95	95	97	95	96		89.2
	Minimum	68	64	57	56	56	58	59	77	66	63	63	65	64	66	66	73	66	57	57	64	64	66	66	69	69	69	72	77	77	75		65.6
Mountain Home...	Maximum	83	78	72	68	68	80	80	86	84	77	78	79	85	80	88	89	78	80	80	84	82	87	89	89	86	86	91	92	92	91		82.7
	Minimum	69	50	51	50	50	54	64	69	62	61	61	61	61	65	64	72	64	49	56	56	61	58	64	62	62	64	68	76	72	70		61.5
Mt. Ida............	Maximum	86	88	85	74	79	88	92	90	89	85	80	81	83	81	89	91	86	80	84	87	86	86	86	92	91	90	90	92	92	92		86.5
	Minimum	70	61	60	53	59	58	62	65	69	61	63	64	63	65	72	74	65	66	67	51	65	59	63	65	63	65	70	77	77	72		64.8
Nashville..........	Maximum	88	90	78	73	84	91	94	95	95	86	80	81	82	84	90	91	81	83	87	87	88	87	87	94	93	93	92	94	94	93		87.8
	Minimum	66	61	63	62	61	67	72	68	73	66	64	64	66	65	73	71	68	62	57	58	64	65	69	68	72	70	74	75	74	75		67.1

Daily Temperatures for June, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Newport	Maximum	87	86	75	71	70	84	82	91	91	78	80	85	89	81	90	91	80	80	81	87	89	91	92	92	91	88	95	93	94	94	85.6
	Minimum	72	63	56	54	53	58	71	75	66	63	67	66	66	67	67	74	66	60	59	61	65	66	69	67	71	71	70	78	78	76	66.3
Nimrod Dam /	Maximum	86	87	70	67	67	88	95	92	87	79	78	78	85	79	87	90	77	81	82	87	86	89	89	92	92	89	93	92	93	..	84.7
	Minimum	66	62	56	56	57	57	60	69	65	63	62	62	65	65	65	72	65	55	58	54	58	63	64	65	70	66	70	72	76	75	63.8
Oden	Maximum	85	85	70	66	80	89	93	90	86	82	80	77	84	83	88	90	79	82	85	88	87	87	88	89	90	91	91	92	92	92	85.4
	Minimum	69	60	56	56	58	60	72	65	67	62	63	64	64	65	72	70	64	60	57	53	62	61	63	64	70	67	72	77	75	76	64.8
Okay	Maximum	88	85	86	75	84	89	93	93	92	92	80	80	83	84	89	90	88	89	86	87	88	88	89	94	95	96	93	93	93	93	88.4
	Minimum	68	61	64	61	60	67	72	68	73	72	67	66	79	65	74	71	64	64	57	59	63	64	68	67	68	70	67	75	74	75	67.3
Ozark	Maximum	86	82	79	70	73	90	94	92	90	87	73	78	83	90	89	88	82	80	81	84	82	83	88	90	89	86	93	92	97	93	85.5
	Minimum	70	62	56	55	60	58	70	72	64	63	63	64	65	66	65	68	66	54	57	54	67	67	66	65	65	68	73	75	76	76	65.0
Paragould	Maximum	84	83	74	67	72	83	79	88	88	80	79	84	88	77	88	90	83	80	80	85	87	88	88	89	90	85	95	91	92	92	84.3
	Minimum	70	63	54	52	51	56	62	67	65	64	66	67	66	66	70	73	65	51	59	72	68	69	66	65	72	68	68	75	77	74	65.1
Perryville	Maximum	85	87	80	72	73	90	95	91	90	85	79	81	86	82	91	92	81	80	83	88	87	88	90	95	91	92	93	93	94	93	86.9
	Minimum	68	61	55	51	56	58	65	67	65	62	63	65	65	75	69	69	67	55	56	54	61	62	64	65	65	66	70	68	74	73	63.8
Pine Bluff	Maximum	89	87	82	73	83	93	95	91	92	85	73	84	84	81	91	93	83	81	85	84	89	89	93	94	89	92	94	92	92	95	87.6
	Minimum	69	64	62	59	60	65	73	72	76	67	67	66	70	66	73	74	75	66	59	62	64	70	70	72	72	74	74	76	77	76	69.0
Pocahontas	Maximum	87	83	81	71	71	82	83	87	87	83	82	82	86	79	89	89	78	80	81	86	87	90	90	90	89	89	95	92	93	92	85.1
	Minimum	68	62	51	51	50	54	62	67	64	63	65	65	65	66	68	72	64	52	59	57	63	65	66	65	70	66	67	77	76	69	63.6
Portland	Maximum	88	84	82	76	80	89	93	90	90	88	87	87	84	78	87	88	86	80	85	88	90	90	93	94	94	94	92	93	93	94	87.9
	Minimum	66	70	67	60	60	68	73	73	72	71	65	64	68	65	70	70	71	68	59	61	63	68	68	70	73	72	72	74	74	73	68.3
Prescott	Maximum	88	83	81	76	86	90	94	92	92	90	81	79	84	82	90	91	90	84	87	89	90	91	88	94	94	94	94	95	94	96	88.6
	Minimum	68	63	63	60	60	60	73	71	74	68	64	64	66	65	73	72	71	65	59	60	64	67	70	71	75	72	76	76	76	76	68.1
Rogers	Maximum	82	78	67	72	67	85	88	85	78	78	74	76	89	79	80	86	68	78	77	82	75	85	85	88	82	85	89	89	85	90	80.4
	Minimum	61	57	48	48	54	53	70	62	62	60	60	61	60	63	63	68	59	48	50	57	60	59	65	65	65	64	70	74	72	70	60.9
Russellville	Maximum	88	86	85	70	72	89	94	94	91	89	77	78	84	80	91	89	81	81	84	86	87	89	90	92	91	91	93	93	94	94	86.8
	Minimum	64	63	52	57	58	64	72	74	65	63	64	65	66	67	72	72	66	55	57	56	72	65	66	67	67	67	71	76	77	76	65.9
St. Charles	Maximum	91	90	90	78	81	90	95	97	92	91	84	85	80	80	89	92	85	81	85	86	90	90	90	92	90	92	93	93	94	95	88.7
	Minimum	70	62	59	53	55	62	70	75	73	65	64	63	67	66	69	73	64	62	59	60	62	71	67	66	70	70	70	75	75	78	66.5
Searcy	Maximum	85	85	81	71	70	83	85	89	88	84	78	81	85	80	87	87	80	80	81	84	86	87	88	89	89	87	92	91	92	93	84.6
	Minimum	70	62	56	53	56	59	72	75	67	64	64	65	67	65	70	73	66	59	59	58	62	67	68	68	70	69	70	76	76	75	66.0
Sheridan	Maximum	87	81	78	70	74	90	93	91	90	85	82	80	85	80	88	90	86	80	84	86	86	88	89	92	89	89	92	91	92	93	86.0
	Minimum	67	57	57	55	58	57	71	69	70	62	64	64	66	65	71	70	65	62	55	57	60	63	64	65	70	68	71	73	74	73	64.8
Siloam Springs	Maximum	82	74	69	72	70	87	89	86	79	79	75	76	80	80	88	84	69	78	79	83	75	85	87	85	82	84	89	90	85	89	81.0
	Minimum	71	61	50	49	55	58	..	69	62	60	60	63	59	64	72	63	59	48	48	58	63	60	66	65	65	65	71	75	70	74	62.2
Stuttgart	Maximum	87	85	80	72	78	88	93	90	90	88	82	85	87	80	89	90	87	79	82	86	87	90	91	90	88	89	94	92	96	93	86.9
	Minimum	69	63	60	56	57	61	73	75	73	65	65	66	68	66	71	73	66	64	61	62	64	70	70	70	71	71	73	76	77	76	67.7
Stuttgart Evap.	Maximum	89	85	82	72	78	89	95	92	94	88	81	84	84	78	87	90	76	78	83	84	86	88	89	90	89	88	93	93	92	93	86.3
	Minimum	69	63	60	55	58	63	72	77	72	65	65	65	68	67	71	72	67	64	62	62	64	69	71	70	71	70	73	75	76	78	67.8
Subiaco	Maximum	84	84	81	67	75	91	95	93	89	84	77	77	82	80	91	89	76	79	81	86	86	89	88	90	89	87	93	93	94	94	85.5
	Minimum	74	64	56	56	58	57	75	73	65	62	62	64	65	65	72	71	65	55	59	59	71	71	65	71	69	67	75	76	77	77	66.5
Texarkana	Maximum	85	85	78	77	87	90	94	92	93	90	80	80	83	86	90	90	80	82	87	88	89	88	88	93	92	94	93	93	93	92	87.7
	Minimum	64	63	66	64	64	70	72	73	74	75	63	64	67	66	76	73	68	64	60	63	67	68	70	70	74	63	76	77	76	76	69.2
Turnpike	Maximum	77	76	72	67	63	77	83	85	80	76	70	70	76	72	81	84	75	74	74	77	75	82	83	83	83	81	84	84	85	84	77.8
	Minimum	62	56	47	48	49	52	66	65	59	55	56	58	61	58	64	66	58	50	64	58	62	59	64	66	63	62	67	69	70	69	60.1
Waldron	Maximum	85	85	83	68	80	89	93	91	87	82	80	80	85	84	90	91	84	80	84	88	86	88	89	90	90	90	92	92	93	92	86.4
	Minimum	71	62	55	55	58	60	71	65	66	61	62	60	64	64	72	68	64	53	56	55	63	62	65	65	69	66	70	77	77	75	64.4
Warren	Maximum	86	91	79	76	85	91	94	91	93	91	81	84	87	82	91	91	89	82	84	88	89	90	92	93	91	92	93	94	94	94	88.6
	Minimum	70	63	63	60	61	69	73	75	75	72	65	66	69	67	72	73	74	67	56	60	62	69	68	70	71	72	76	75	76	75	68.8
White Rock	Maximum	77	77	73	65	65	83	83	84	81	71	71	72	79	74	79	82	69	75	76	78	76	84	82	83	83	81	84	85	83	84	78.0
	Minimum	63	58	50	51	53	53	67	61	58	55	57	58	60	59	66	63	53	52	51	57	64	58	64	67	65	65	68	68	70	71	60.2
Wilson	Maximum	87	87	76	71	75	82	81	87	87	85	79	86	88	82	87	90	80	78	79	86	88	89	91	90	90	85	95	95	94	96	85.6
	Minimum	70	62	62	49	49	50	68	67	63	64	63	65	65	65	67	72	63	58	56	59	62	63	64	69	71	67	69	74	74	74	64.1
Wynne /	Maximum	85	82	73	70	76	82	83	83	85	76	78	85	85	78	86	85	88	86	83	86	88	86	88	86	85	90	91	91	86	..	83.4
	Minimum	71	62	56	52	52	53	55	71	65	64	65	65	67	68	68	72	69	63	72	58	70	66	70	72	69	72	81	76	71	66	66.0

Daily River Stages for June, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	13.7	12.8	11.5	10.8	10.2	9.4	8.1	10.1	11.8	12.7	25.2	25.7	26.0	25.1	23.0	20.4	18.0	17.3	19.7	19.2	18.2	16.8	18.4	17.0	17.0	15.8	13.0	11.5	10.7	10.7
Van Buren	do	22	14.6	12.9	12.4	11.8	11.1	10.4	9.1	10.8	12.8	15.7	26.7	25.6	26.6	25.9	23.8	21.4	19.2	18.4	20.6	20.1	19.3	18.0	19.4	18.0	17.7	17.0	14.0	12.3	11.5	11.2
Danville	Petit Jean	20	4.0	3.8	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	18.6	22.7	25.8	25.5	23.7	21.7	19.2	20.3	21.3	20.6	17.5	13.1	16.4	15.9	12.9	9.0	7.1	5.9	5.2	4.7
Ozark	Arkansas	22	10.3	10.0	8.6	7.7	7.0	6.2	5.3	4.6	7.0	15.7	25.4	25.1	24.3	23.8	21.7	19.0	16.5	15.0	16.6	16.5	15.7	14.6	14.5	14.8	13.8	13.5	11.2	8.8	7.6	6.9
Dardanelle	do	22	12.5	13.4	12.7	11.0	10.3	9.5	8.2	7.7	7.8	12.5	27.8	29.3	28.3	27.4	26.2	24.0	21.4	19.8	18.9	20.0	19.3	18.4	17.5	18.3	17.2	16.9	15.8	13.3	11.3	10.2
Morrilton	do	20	6.5	7.9	7.7	6.6	5.6	4.9	4.4	3.3	3.3	4.5	19.4	23.0	23.3	22.8	22.1	20.6	18.4	16.8	15.1	15.9	15.6	14.7	13.6	13.6	13.4	12.4	11.9	9.8	7.6	6.0
Little Rock	do	23	8.1	9.5	10.1	9.7	8.6	8.0	7.5	7.0	6.3	6.1	15.1	22.1	23.7	23.7	23.2	22.4	21.0	19.5	18.0	17.4	17.5	16.6	15.6	14.9	15.1	14.2	13.8	12.7	10.8	9.3
Pine Bluff	do	25	9.7	11.0	12.4	12.0	11.7	10.8	10.0	9.3	8.9	8.3	9.3	22.4	25.3	26.4	26.2	25.5	24.5	23.4	21.9	20.9	20.9	20.6	19.7	18.6	18.1	18.0	17.1	16.3	14.9	13.3
Gilbert	Buffalo	30	4.5	4.8	4.8	4.6	4.5	4.5	4.5	4.4	4.5	23.0	33.5	15.8	12.0	8.9	7.6	6.9	7.5	8.9	7.9	6.8	6.3	7.6	6.6	6.3	5.7	5.4	5.3	5.2	5.1	5.0
Black Rock	Black	14	10.9	10.2	10.6	9.8	9.2	9.5	10.0	10.5	13.4	20.7	22.7	26.1	25.4	24.6	25.1	25.7	26.2	27.0	26.7	26.0	25.5	25.0	24.5	23.9	23.3	22.8	22.2	21.7	21.1	20.5
Ozark Beach Mo.	White	30	4.2	4.6	4.6	4.6	2.6	7.0	9.4	8.2	6.0	10.4	11.5	18.2	22.6	19.2	12.0	8.8	8.3	12.8	12.6	10.4	9.1	7.9	8.2	7.6	6.4	5.5	5.0	4.6	4.5	4.4
Cotter	do	21	6.9	5.5	5.3	5.2	5.2	7.0	9.3	9.8	9.8	9.1	18.0	16.5	20.6	23.2	19.5	12.5	10.5	12.0	14.2	13.1	11.0	10.7	9.0	8.9	8.1	7.2	6.6	6.0	5.6	5.4
Calico Rock	do	18	8.9	8.6	8.4	8.2	8.0	6.3	8.6	9.3	9.0	12.4	29.1	31.4	23.8	24.9	22.6	16.5	19.0	15.0	16.2	15.8	14.5	12.8	11.8	11.6	10.1	9.2	8.5	8.0	7.5	7.4
Batesville	do	23	15.4	14.7	14.4	14.0	13.9	12.3	12.7	14.9	15.4	21.3	26.7	34.6	32.2	30.1	30.0	27.3	25.1	28.7	23.7	23.5	21.9	19.6	19.9	17.9	17.3	16.2	15.3	14.5	14.0	13.6
Newport	do	26	19.6	18.9	18.0	17.4	16.7	16.0	14.6	15.2	16.5	18.3	23.3	27.4	30.9	32.0	32.2	31.9	31.2	32.1	32.0	31.5	31.0	30.5	29.7	29.0	28.2	27.8	26.8	26.0	25.1	24.2
Augusta	do	32	31.2	31.2	30.9	30.6	30.3	30.0	29.4	28.9	28.9	29.4	30.6	31.6	32.8	34.6	35.6	35.9	35.9	35.6	35.8	35.7	35.4	35.0	34.5	34.1	33.7	33.4	33.1	32.8	32.6	32.5
Georgetown	do	21	21.5	21.4	21.2	21.0	20.8	20.5	20.3	19.9	19.5	19.4	20.6	21.8	23.0	24.0	24.8	25.2	25.2	25.2	25.2	25.2	25.0	24.8	24.5	24.3	24.0	23.8	23.4	23.2	22.9	22.7
Des Arc	do	24	23.3	23.2	22.9	22.8	22.5	22.4	22.2	21.9	21.5	21.5	21.5	22.1	22.8	24.0	25.7	26.6	27.1	27.5	27.5	27.6	27.7	27.6	27.1	26.8	26.5	26.2	25.8	25.4	25.1	24.8
Clarendon	do	26	28.2	28.0	27.8	27.5	27.3	27.2	27.0	26.9	26.7	26.4	26.5	26.5	26.4	26.5	26.7	27.7	30.0	32.2	33.6	34.4	35.0	35.4	35.5	35.5	35.4	35.0	34.6	34.1	33.5	32.8
St. Charles	do	25	26.8	26.6	26.4	26.2	26.0	25.8	25.7	25.5	25.4	25.2	25.3	26.3	25.2	25.1	25.1	25.1	25.4	26.4	28.2	29.8	31.0	32.0	32.7	33.2	33.5	33.6	33.6	33.5	33.3	33.0
Glenwood	Caddo	..	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.2	5.2	11.1	8.9	7.6	7.0	6.5	6.2	6.2	6.3	5.8	5.7	5.6	5.5	5.8	5.7	5.5	5.4	5.3	5.2	5.2	5.2
Arkadelphia	Ouachita	17	6.4	6.6	6.5	4.2	4.2	4.5	4.6	6.0	6.1	5.6	5.5	21.5	25.3	24.0	20.5	16.1	12.0	11.8	12.0	12.0	10.6	7.8	7.6	7.4	4.9	7.1	7.4	7.0	6.5	5.8
Boughton	Little Mo.	20	5.2	5.3	5.4	5.5	5.2	5.1	5.0	5.0	4.8	4.7	5.6	19.5	22.1	21.4	19.4	17.3	12.9	10.7	8.2	7.4	6.3	6.2	6.2	7.0	8.1	7.2	6.2	5.8	5.6	5.4
Camden	Ouachita	26	10.9	10.0	10.3	10.1	9.1	8.1	7.3	6.9	6.7	6.6	6.6	8.5	21.6	29.0	36.4	38.8	38.4	37.2	35.5	33.7	32.2	30.3	27.9	25.0	21.7	18.7	15.6	15.4	14.0	12.1
Benton	Saline	20	5.0	5.0	5.0	5.0	4.8	4.8	4.8	4.7	4.7	6.0	9.0	21.6	21.3	9.2	9.1	8.9	19.5	19.5	11.2	9.1	8.0	7.3	6.9	6.6	6.3	6.0	5.8	5.5	5.3	5.2
Index	Red	25	11.5	10.4	9.8	9.2	8.8	8.6	8.4	8.1	8.1	8.8	10.4	13.4	20.2	23.4	24.1	23.0	22.0	21.4	23.8	24.5	24.6	24.6	23.6	22.0	20.0	18.7	17.6	17.4	17.0	18.0
Fulton	do	25	13.2	12.3	11.3	10.4	10.2	10.0	9.8	9.4	9.3	9.2	9.1	15.0	20.1	25.0	26.6	26.6	26.0	25.8	26.9	27.5	28.6	28.8	28.4	27.5	26.0	24.0	22.6	21.5	20.8	20.3
Big Lake Outlet	St. Francis	10	12.0	11.8	11.5	11.3	11.0	10.8	10.7	10.6	10.8	11.2	12.4	13.6	14.7	15.6	16.5	17.0	17.6	17.9	18.2	18.3	18.3	18.2	18.1	17.8	17.4	17.0	16.5	16.1	15.7	15.4
St. Francis	do	18	19.9	19.8	19.8	19.8	19.7	19.7	19.8	19.7	20.1	20.5	21.4	21.9	21.4	20.7	19.9	19.6	19.8	20.1	19.6	19.4	19.3	19.2	19.1	19.0	18.9	18.9	18.8	18.8	18.8	18.9
St. Francis L.L.	do	..	24.6	24.6	24.5	24.5	24.4	24.3	24.3	24.2	24.5	24.3	24.2	24.4	24.6	25.1	25.6	26.1	26.9	27.4	27.9	28.3	28.6	28.7	28.7	28.6	28.4	28.1	27.8	27.3	26.9	26.5
Marked Tree	do	17	7.7	7.7	7.5	7.3	7.0	6.7	4.2	3.6	4.0	7.0	8.2	9.5	9.7	9.9	10.1	10.2	10.4	11.8	12.0	12.1	11.8	11.8	11.9	11.7	11.3	11.0	11.2	11.2	11.0	10.7
Parkin	do	28	21.4	21.1	20.7	20.3	19.8	19.3	18.6	17.9	17.4	17.5	18.3	19.7	20.4	21.0	21.5	22.0	22.5	24.1	25.2	26.1	26.9	27.6	28.1	28.6	28.9	29.1	29.3	29.3	29.3	29.2
Madison	do	32	....	....	....	....	....	....	....	....	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Mississippi	42	38.4	38.2	37.7	36.9	35.8	34.6	33.3	32.2	30.8	29.8	29.5	30.1	31.3	32.7	34.0	35.0	35.9	36.9	37.7	38.3	38.7	39.1	39.4	39.7	40.0	40.3	40.4	40.5	40.7	40.7
Arkansas City	do	42	34.6	34.5	34.5	34.4	34.1	33.5	32.9	32.1	31.2	30.3	29.3	28.9	30.6	32.1	33.3	34.1	34.8	35.2	35.5	35.8	36.1	36.5	36.9	37.3	37.5	37.8	38.1	38.2	38.4	38.4

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., trace or 0.001 inch or less. ^{a},^{b},^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2] Measured in the morning for the preceding 24 hours. [3] Data for 24 hours ending at 12:30 a. m. of the following day. [4] Best available used for stations not equipped with recorders. [5] Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron: Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill: Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—8-13-1945—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. L   Little Rock, Ark., July, 1945   No. 7

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

With temperatures averaging over two degrees below normal, it was the coolest July since 1915 and one of the coolest on record. Cool weather prevailed during the first eighteen days but the remainder of the month was considerably warmer. The highest temperatures of the month occurred between the 23d and 25th at the majority of stations. However, maxima were not as high as in previous years, only about half of the stations experiencing temperatures of 100° or higher.

Precipitation in July resulted mostly from afternoon thundershowers and was adequate in all sections except the northern counties where a few stations measured less than an inch during the month. Most of the stations south of the Arkansas River reported from four inches to more than six inches during July. The greater portion of the month's precipitation fell on three days, 1st, 26th, 27th. No destructive hailstorms occurred during the month but some minor property damage was caused by high winds on the 26th and 27th. The lower portions of the Black and White Rivers were still high in flood early in July but had receded to comparatively low stages by the end of the month.

Despite abnormally cool weather during most of July, most crops made fairly good growth. The growth of cotton and corn was accelerated by the hot weather during the last ten days. Cotton, although small, was blooming and fruiting satisfactorily at the close of the month. Considerable early planted corn was laid by and late planted was well cultivated Truck crops and gardens were in good condition. The harvest of small grains was completed early in the month. Good crops of hay were cut and stored. Meadows and pastures looked unusually good for this time of the year.

TEMPERATURE

The mean temperature for the State as determined from the reports of 77 stations was 78.1°, which is 2.4° below the 55 year average for July. The highest monthly mean temperature was 81.4° at Dumas, the lowest was 74.0° at Turnpike. The highest temperature recorded was 106° at Camden on the 23d, and the lowest was 45° at Marshall on the 18th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 101 stations, was 3.94 inches, which is 0.23 inch above the 55 year average for July. The greatest monthly total was 9.54 inches at Mount Ida and the least was 0.31 inch at Elevenpoint. The greatest amount recorded in a 24 hour period was 3.69 inches at Mount Ida on the 5th.

B. N. W.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms:----1,2,4,5,6,7,9,10,11,12,13,14,16,17,18,19,20,23,24,25,26,27,28.

Hail:---6,9,26.

High Winds:---1,2,5,6,9,10,11,13,14,20,25,26,27,28.

Heavy Fog:---1,2,6,12,13,14,15,20,26,27,28,29,30.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.20	2	29.76	28	5 6	24	ne.	29	85	57	57	77	0
Little Rock	30.23	31	29.73	28	6.4	31	sw.	27	87	58	62	62	0
Memphis .	30.16	5	29.70	2	8.0	30	nw.	5	85	62	61	67	3

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	16	17	9	5
1895	78.9	104	55	7.34	0	2	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82 0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4 12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	42	3.55	0	8	17	9	5
1927	79 6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	48	6.00	0	11	12	11	8
1932	82 5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2 32	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
1938	82.0	109	59	3.74	0	7	14	11	6
1939	82.0	110	55	3 34	0	7	19	8	4
1940	78.4	103	48	4.14	0	8	13	9	9
1941	81.2	105	53	4.82	0	9	13	12	6
1942	81.1	105	53	1.39	0	3	17	11	8
1943	82.9	110	47	1.13	0	4	17	11	3
1944	81.2	108	49	2.61	0	4	16	11	4
1945	78.1	106	45	3.94	0	6	10	15	6
Period	80.5	116	40	3.71	0	7	15	11	5

Corrections for May.---Fayetteville Exp. Station, highest temp. 88° on 29th. Ozark, date of highest temp. 28† Perryville, greatest 24 hour precip., 2.73 inches on 15–16th.

NAT. HIST.

Climatological Data for July, 1945

Stations	Counties	Elevation	Lenght of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unsettled	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	8	77.4	......	99	24	57	3†	5.02	......	1.62	27	0.0	6	4	22	5	e.	L. R. Water Works
Arkadelphia	Clark	200	49	78.5	-2.6	101	25	57	3	5.51	+1.78	3.03	26	0.0	10	5	13	13	e.	W. H. Halliburton
Arkansas City	Desha	145	60	......	......	......	......	......	......	5.14	+1.50	1.42	26	0.0	10	......	......	......	......	John W. Trammell
Ashdown	Little River	329	1	79.3	......	98	23†	63	3†	2.65	......	1.50	14	0.0	3	19	6	6	......	J. F. Ferguson
Batesville Airway	Independence	363	9	76.4	-3.8	104	24	50	17	1.57	......	1.03	1	0.0	5	15	10	6	sw.	Airway Observer
Batesville Livestk.	Independence	500	4	76.0	......	101	23†	51	16	2.41	......	1.85	1	0.0	2	18	10	3	sw.	University of Arkansas
Batesville River	Independence	277	45	......	......	......	......	......	......	2.09	-1.41	1.72	1	0.0	4	20	2	9	......	C. M. Barnwell
Bee Branch	Van Buren	650	52	78.8	-2.0	99	24	60	2†	4.34	+0.85	1.54	1	0.0	7	11	17	3	w.	Minnie Scanlan
Benton	Saline	285	9	76.0	......	98	25	56	3†	7.83	......	2.80	1	0.0	7	24	4	3	se.	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	74.8	-3.2	95	23†	54	11	2.92	-0.42	1.14	1	0.0	5	11	18	2	ne.	E. L. Brown
Bethesda ***	Independence	500	5	75.6	......	100	23†	49	17	2.47	......	1.91	1	0.0	4	16	12	3	nw.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	14	......	......	......	......	......	......	......	......	......	......	0.0	......	......	......	......	......	N. W. Douglas
Black Rock	Lawrence	259	43	......	......	......	......	......	......	3.82	-0.27	2.31	5-6	0.0	7	3	24	4	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	4	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Ark. Forestry Com
Blytheville	Mississippi	252	19	77.8[a]	-3.8	99[a]	23†	57[a]	17	3.02	-0.20	0.73	25	0.0	7	23	7	1	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	30	79.6	-3.1	103	25	56	17	2.61	-0.48	1.66	26-27	0.0	4	12	13	6	e.	F. H. Randolph
Boughton ***	Clark	235	9	......	......	......	......	......	......	6.12	......	2.30	25	0.0	7	13	7	11	......	Katie B. Moore
Brinkley	Monroe	205	53	79.0	-2.0	103	25	56	17	2.99	-1.29	1.73	1	0.0	4	8	11	12	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	40	......	......	......	......	......	......	1.08	-2.39	0.54	26-27	0.0	5	12	6	13	......	William Jones
Camden	Ouachita	116	59	80.2	-1.3	106	23	53	11	6.71	+2.65	0.98	13	0.0	12	15	5	11	se.	J. M. Knight
Camp Chaffee	Sebastian	419	1	80.0	......	101	25	60	17	4.67	......	2.50	27-28	0.0	8	17	9	5	e.	U. S. Army
Camp Robinson	Pulaski	463	4	78.6	......	100	23	53	4	4.59	......	3.33	1	0.0	6	3	26	2	ne.	U. S. Army
Clarendon	Monroe	172	40	......	......	......	......	......	......	3.29	-0.15	1.21	1	0.0	7	17	4	10	......	B. F. Northern
Conway	Faulkner	309	61	79.1	-3.0	100	23†	57	18	5.31	+1.81	2.21	27-28	0.0	5	15	14	2	s.	E. E. Cordrey
Corning	Clay	293	51	77.4	-2.7	101	25	54	11†	6.23	+2.61	2.90	6	0.0	5	23	8	0	s.	Mrs. Laura Polk
Cotter	Baxter	440	17	......	......	......	......	......	......	1.08	-1.81	0.84	30-1	0.0	4	23	6	2	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	32	79.6	-2.0	98	24	59	3	8.26	+3.57	2.23	1-2	0.0	10	15	9	7	s.	U. S. Forest Service
Cummins Farm ***	Lincoln	176	1	79.1	......	100	25	61	17	4.40	......	2.00	1	0.0	4	15	13	3	e.	T. C. Cogbill
Danville	Yell	327	28	......	......	......	......	......	......	4.10	+1.01	2.19	26-27	0.0	4	15	9	7	......	J. A. Moudy
Dardanelle	Yell	330	58	80.2	-2.0	100	23†	58	18	6.89	+3.52	2.35	27	0.0	8	6	18	7	e.	Geo. N. Goodier
DeQueen	Sevier	426	9	77.7	......	96	25	59	3	4.88	......	0.91	13	0.0	10	13	13	5	......	L. D. McCowan
Des Arc	Prairie	204	6	79.2	......	100	23†	59	18	1.61	......	0.62	1	0.0	5	7	5	19	w.	Z. R. Glenn
Devils Knob ***	Johnson	2350	8	75.0	......	93	23	57	11	2.91	......	1.03	1	0.0	4	20	8	3	se.	U. S. Forest Service
Dumas	Desha	162	39	81.4	-0.9	102	23†	58	18	2.38	-1.66	1.04	28	0.0	6	5	12	14	s.	Ben Johnson
El Dorado	Union	270	44	79.0	-3.5	100	24	59	17	8.29	+3.82	2.13	5	0.0	9	11	17	3	s.	Airway Observer
England	Lonoke	229	38	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	O. V. Halbrook
Eureka Springs	Carroll	1465	44	75.6	-3.4	97	25	54	11	3.78	+0.04	1.60	9-10	0.0	5	24	5	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	7	75.8	......	94	21†	55	3	6.56	......	2.31	1	0.0	9	5	16	10	n.	Charles F. Ford
Fayetteville Exp.	Washington	1451	57	75.0	-3.8	96	23†	54	2†	6.17	-2.45	2.16	26	0.0	8	10	18	3	sw.	University of Ark.
Fordyce	Dallas	280	4	79.6	......	100	24	60	3†	7.13	......	2.37	26-27	0.0	7	3	27	1	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	63	80.1	-1.4	99	25	64	17†	5.90	+2.53	2.72	26-27	0.0	7	15	8	8	c.	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	7	......	......	......	......	......	......	2.77	......	1.22	1	0.0	5	21	4	6	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	......	......	......	......	......	......	4.20	+0.62	1.32	28	0.0	8	7	16	8	......	Ina J. Logan
Garland	Miller	225	2	......	......	......	......	......	......	4.33	......	1.30	12	0.0	7	12	2	17	......	L. D. Denney
Georgetown, 2 mi. se	White	200	32	......	......	......	......	......	......	2.27	-0.89	1.10	27-28	0.0	5	20	0	11	......	J. S. McDonald
Gilbert	Searcy	600	19	75.3	......	100	23†	55	16†	2.93	-0.02	1.13	1	0.0	5	18	0	13	s.	D. O. Dennis
Glenwood	Pike	547	9	......	......	......	......	......	......	1.87	......	1.08	30-1	0.0	11	16	2	13	......	C. A. Price
Grannis	Polk	950	25	76.6	-2.8	99	26	56	3†	4.57	-0.08	1.18	27	0.6	10	9	13	9	w.	W. E. McVay
Gravette	Benton	1250	47	75.4	-3.0	94	24†	53	2	3.57	+0.01	1.63	27	0.0	5	19	9	3	sw.	J. A. Schmidt
Green Mountain †	Stone	1100	7	78.5	......	99	24†	55	10	1.30	......	0.75	27	0.0	3	13	16	2	s.	U. S. Forest Service
Harrison	Boone	1052	44	75.6	-2.5	98	22	52	18	3.64	+0.18	1.46	1	0.0	4	24	5	2	sw.	J. M. McGaughey
Helena	Phillips	300	72	78.2	-3.2	98	23	60	3	3.83	-0.03	1.49	1	0.0	7	8	12	11	ne.	James A. Burnett
Hope 3 miles e.	Hempstead	375	74	79.0	-2.7	98	23†	60	3†	6.62	+2.23	2.25	5	0.0	11	21	3	7	e.	Univ. of Arkansas
Hot Springs	Garland	600	52	80.0	-2.2	102	24	59	17	3.28	-0.85	1.29	5	0.0	8	19	5	7	s.	National Park Service
Index ***	Little River	275	27	......	......	......	......	......	......	2.75	-1.33	0.85	12	0.0	6	20	1	10	......	W. E. McDowell
Jessieville	Garland	750	18	......	......	......	......	......	......	7.21	+3.87	2.94	5	0.0	7	18	11	2	ne.	U. S. Forest Service
Jonesboro	Craighead	345	49	78.9	-2.4	101	23†	58	16†	1.93	-1.33	0.76	27-28	0.0	6	12	12	7	ne.	Benedictine Sisters
Lead Hill	Boone	650	38	76.2	-4.0	100	24†	50	18	2.14	-1.58	1.36	9	0.0	4	23	7	1	nw.	F. W. Kellogg
Little Rock	Pulaski	257	65	79.4	-1.5	99	23	62	17	4.57	+1.07	1.84	26-27	0.0	6	7	11	13	sw.	U.S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	46	77.2	-3.1	97	24†	51	12	3.56	+0.06	2.00	1	0.0	4	25	3	3	s.	Mrs H. G. Lenhardt
Madison	St. Francis	209	14	......	......	......	......	......	......	3.85	-1.06	1.70	28	0.0	5	8	8	15	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	79.5	-3.0	99	28	60	17	6.99	+2.92	2.00	25	0.0	7	4	20	7	nw.	State Agr. School
Mammoth Spring	Fulton	600	40	76.3	-2.7	99	24	52	17	1.11	-2.42	0.64	5	0.0	4	25	5	1	s.	L. A. O'Neal
Marianna	Lee	235	33	78.2	-3.0	101	23	57	3	2.66	-0.74	1.19	29	0.0	4	16	10	5	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	78.4	-2.6	100	23	58	17	3.33	-0.31	1.03	9-10	0.0	9	14	17	0	s.	Chas. Waiton
Marshall	Searcy	1050	26	78.0	-1.1	104	24†	45	18	2.65	-0.98	1.15	27	0.0	5	......	......	......	......	Roy Richardson
Mena	Polk	1207	56	77.8	-2.5	100	25†	54	17	2.63	-1.28	0.87	26-27	0.0	9	12	13	6	w.	E. W. St. John
Monticello	Drew	273	4	79.6	......	98	25	63	4	5.58	......	2.56	27-28	0.0	7	8	15	8	sw.	Airway Observer
Morrilton ***	Conway	315	28	79.4	-3.2	100	26	57	18	3.17	+0.80	1.47	9-10	0.0	5	9	13	9	nw.	Mrs. Nova Berry
Mountainburg	Crawford	712	7	......	......	......	......	......	......	3.30	......	1.28	1	0.0	5	17	7	7	s.	C. A. Lovell
Mountain Home ***	Baxter	800	32	76.4	-3.0	99	23†	53	11†	2.15	-1.43	1.30	26	0.0	4	26	2	3	w.	H. N. Halbert
Mountain Valley	Garland	788	7	......	......	......	......	......	......	......	......	......	......	0.0	......	......	......	......	......	......
Mount Ida, 2 mi. e	Montgomery	702	45	77.0	-2.9	100	25	54	17†	9.54	+6.01	3.69	5	0.0	6	16	8	7	s.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	6	......	......	......	......	......	......	3.65	......	1.20	30-1	0.0	6	18	6	7	......	H. G. Arvin
Nashville	Howard	350	6	79.9	......	100	24†	60	3†	2.26	......	0.66	12	0.0	6	23	1	7	e.	Carter Day
Newport	Jackson	231	61	80.2	-1.3	102	23	58	18	2.42	-0.83	1.90	1	0.0	6	8	12	11	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	3	77.8	......	102	24	56	17	3.97	......	1.29	27	0.0	6	17	7	7	s.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	17	79.2	......	103	23	56	17	3.85	+0.67	1.20	26	0.0	9	14	7	10	sw.	U. S. Forest Service
Okay	Howard	288	16	79.0	-3.9	98	1	59	3	5.58	+1.84	1.50	28	0.0	9	17	8	6	s.	Charles R. Jackson
Osceola	Mississippi	250	44	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	G. M. Serey
Ozark	Franklin	396	49	79.0	-3.2	100	22†	58	18	3.42	+0.27	2.24	26-27	0.0	6	16	10	5	se.	Orkney O. Milton
Paragould	Greene	275	21	78.5	......	101	23	52	11†	1.79	-1.35	0.69	5-6	0.0	5	21	9	1	e.	J. E. Garrett
Parkin, 2mi. w	Cross	222	14	......	......	......	......	......	......	2.86	-0.67	1.93	25	0.0	5	10	12	9	......	Carroll King
Perryville	Perry	325	5	77.9	-1.9	100	24†	51	19	3.45	-0.80	1.10	10	0.0	8	16	13	2	e.	Gordon Bennett
Pine Bluff	Jefferson	215	57	81.0	-1.5	101	23	63	16†	2.79	-0.83	1.31	27-28	0.0	8	11	13	7	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	......	......	......	......	......	......	3.34	-0.44	1.82	27	0.0	6	15	12	4	w.	J. R. Huddleston
Pocahontas	Randolph	300	51	79.4	-1.2	104	24	56	17	0.98	-3.04	0.39	27-28	0.0	5	3	17	11	uw.	Benedictine Sisters
Portland	Ashley	122	38	80.2	-1.6	98	24†	62	3	5.40	+1.40	2.25	28	0.0	7	17	9	5	s.	Mrs. Pearl Newton
Prescott	Nevada	318	56	80.6	-1.8	99	23†	62	17	5.45	+1.89	1.73	26	0.0	10	18	10	3	e.	O. J. Stephenson
Rogers	Benton	1300	54	75.0	-3.0	94	23†	54	11	3.52	-0.17	1.81	10	0.0	6	20	7	4	sw.	Howard Fowler
Russellville	Pope	526	32	79.2	-2.3	100	25	59	3†	4.58	+0.45	1.78	27-28	0.0	7	8	18	5	e.	U. S. Forest Service
St. Charles	Arkansas	175	11	80.8	......	102	23	60	17	3.16	......	2.45	27	0.0	6	13	11	7	......	U. S. Bio. Survey
St. Francis	Clay	290	17	......	......	......	......	......	......	2.06	-2.10	0.74	5	0.0	4	22	1	8	......	Wm. S. Buckley
Searcy	White	245	34	78.8	-2.6	98	24†	59	17†	5.75	+2.76	4.40	1	0.0	8	19	6	6	se.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	4	77.7	......	98	23†	55	16†	8.02	......	3.38	26	0.0	10	4	22	5	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1159	4	75.1	......	95	25	54	2	2.99	......	1.19	30-1	0.0	8	14	16	1	s.	John Brown Univ.
Story	Montgomery	650	20	......	......	......	......	......	......	2.78	-0.76	0.77	5	0.0	6	19	9	3	s.	S. C. Story
Stuttgart	Arkansas	214	57	80.1	-1.2	99	23†	60	16	5.23	+1.45	3.29	26-27	0.0	4	17	13	1	ne.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	9	79.6	......	99	23	61	16	5.43	......	3.05	28	0.0	4	......	......	......	......	University of Ark.

Climatological Data for July, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	46	80.4	− 1.9	100	23†	59	18	1.47	−1.65	0.64	10–11	0.0	4	21	7	3	s	New Subiaco Abbey
Texarkana	Miller	332	60	80.2	− 2.3	97	24	63	17	4.05	−0.06	1.24	28	0.0	7	10	9	12	e.	U. S. Weather Bureau
Turnpike***	Pope	2240	20	74.0		94	25	55	11	2.90	−0.35	1.16	1	0.0	6	12	14	5	ne.	U. S Forest Service
Waldron	Scott	675	25	77.7		99	23†	54	17	3.16	+0.28	1.62	27	0.0	6	8	16	7	ne	William D Bivens
Warren	Bradley	206	50	80.0	− 2.4	99	25	61	17	6.39	+2.44	2.50	28	0.0	9	12	11	8	sw.	C. N Turner
Whitecliffs	Little River	290	38							4.56	+1.81	1.52	30	0.0	5	23	2	6		L. M Snead
White Rock***	Franklin	2285	8	74.6		94	25	57	11	2.51		1.20	1	0.0	4	17	8	6	se.	U. S. Forest Service
Wilson	Mississippi	237	19	78.4	− 2.5	99	23	57	11†	2.38	−1.03	0.80	1	0.0	7	12	0	19	sw.	D. O. Anderson
Wynne	Cross	167	36																	Mrs. C. A. Ford
State Means				78.1	− 2.4	106	23	45	18	3.94	+0.23	3.69	5	0.0	6	15	10	6	s.	

Daily Precipitation for July, 1945

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas		.83				.32	T.			.72	T.																1.33	.73				3.93
Alum Fork Reser.	Arkansas	1.00				.77					.50																1.13	.95	.67				5.02
Aplin[2]	Arkansas		1.17				.50				1.07	.03																T.	1.66				4.43
Arkadelphia[2]	Ouachita		.22			.02	.89	.02			T.	.06	.05	.26	T.	T.							.10					3.03	.86	T.	T.		5.51
Arkansas City[2]	Mississippi		.02				.10					.35		.80	.11												1.42	.12	1.73	.09		.40	5.14
Ashdown	Red	T.						T.				.92	T.		1.50													T.	.23				2.65
Augusta[2]	White	2.30	1.16													.01													.40				3.87
Batesville Air'y[3]	White	1.03				.01				.02	T.													.33				.18					1.57
Batesville Livestk[2]	White	1.85																											.56				2.41
Batesville River[2]	White	.98	.74																						.23				.14				2.09
Beaty Lake	St. Francis	.36				T.	T.						T.		.10						T.					.03	.16	.12	2.78	.17			3.72
Beaver[2]	White	.33	.67				.05		.15		1.45																	.28	.56				3.49
Bee Branch	Arkansas	1.54				.57								.32						T.						.29	.46	.52	.64				4.34
Beech Grove[2]	White	.76					.56				T.																		1.21				2.53
Beedeville[2]	White	1.57	.28			T.	.14									.01													1.07				3.07
Benton[2]	Saline		2.80				2.34				.22			.11													.12	1.00	1.24				7.83
Bentonville[2]	Arkansas		1.14							.27	1.09			T.													.14	.28					2.92
Bethesda[2]	White	1.00	.91																									.26	.30				2.47
Big Flat[2]	White	.69									.16																		1.13				1.98
Big Lake Outlet[2]	St. Francis																																....
Black Rock[2]	White	.08	.05	.10			2.31				.15															.03			1.10				3.82
Bluff City	Ouachita																																....
Blytheville[2]	St Francis		1.00				.08								.02	.04											.73		.60	.55			3.02
Booneville 3 mi. w	Arkansas	.59					.02				.34																T.	1.66					2.61
Booneville[2]	Arkansas		1.12					.02			.38	.02																.42	1.74				3.70
Boughton[2]	Ouachita		.75				.15					1.00	.40	.24													2.30		1.28				6.12
Bradford[2]	White	1.59	.42											.05													.55		.34	.02			2.97
Brinkley[1]	White	1.73				T.				T.	T.	T.			T.						T.						.07	.63	.56				2.99
Burdette	Mississippi	1.11	.06											.02	.07					.09						.50		.73	.10	1.15			3.83
Calico Rock[2]	White		.12	.37							.05																T.	.08	.46				1.08
Camden[2]	Ouachita		.34			.03	.83					.65	.52	.98		.59											.55	.50	.82	.08		.82	6.71
Camp Chaffee[2]	Arkansas		.95				T.	.59			.61	T.			.01		T.										.01	2.41	.09				4.67
Camp Robinson[1]	Arkansas	3.33								.57	.07																.15	.25	.22		T.		4.59
Carlisle[2]	Arkansas	.82																											.87				1.69
Clarendon[2]	White	.18	1.03								.22																	.10	1.61	.01	.14		3.29
Cold Springs[2]	Ouachita		1.15								.50																.05		.50				2.20
Conway	Arkansas	2.18								.26																	.66	1.38	.83				5.31
Corning[2]	White	.15					2.90																		.08			1.15	1.95				6.23
Cotter[2]	White	.38	.46								T.				.12													T.	.12				1.08
Crossett	Ouachita	2.16	.07			1.81					.35		.74							.43							1.48	.05	1.10	.07	T.		8.26
Crystal Valley[2]	Arkansas																																....
Cummins Farm	Arkansas	2.00				T.				.10			.40														T.		1.90				4.40
Danville[2]	Arkansas		.52								1.36	.03																.87	1.32				4.10
Dardanelle[2]	Arkansas		1.30				.45				.67				1.90	.17											.02	.03	2.35				6.89
Denmark																																	....
De Queen	Red	.51				.31		.58			.35	.50	.71	.91	.29													.58	.14				4.88
Dermott[2]	Mississippi		.51				.28					.09		.60													.40		2.45	.45		.83	5.61
Des Arc[2]	White	.19	.43			T.					.03																.43		.53				1.61
Devils Knob	Arkansas	1.03									.69				.93													.26					2.91
Dumas	Mississippi	.35				.02	T.						.44		T.									T.			.37		1.04	.16			2.38
Eagle Gap[2]	Arkansas		1.17				.25	2.00	T.		.85	.09													.05		T.	.20	.25				4.86
El Dorado[2]	Ouachita	T.	.36			2.13	1.19				.36	.52	1.18													.25	1.50		.80				8.29
Eleven Point[2]	White	.15	.01							.01	T.																T.		.14				0.31
England	Arkansas																																....
Eureka Springs	White	1.38				.60				.40	1.20																	.20					3.78
Evening Shade[2]	White	.21	.19			T.					T.																		1.95				2.35
Fayetteville	White	2.31	T.			.01	.95			T.	1.42			.05	.02										T.		1.73	.06	.01				6.56
Fayetteville Exp. S	White	1.56			T.	.18	.40				1.65				.12												2.16	.06	.04				6.17
Fordyce	Arkansas	.90			.55					1.00		.55														1.40		2.37		.26			7.13
Forester[2]	Arkansas										.05																.35		2.00				....
Fort Smith[1]	Arkansas	1.28				T.	.82			.82	.21			.05													1.31	1.41					5.90
Fort Smith W.[2]	Arkansas		1.22								.28				1.27							T.					.44	.06					2.77
Fulton[2]	Red	T.	.33				.28		T.			.18	1.20	.06		T.											.79	T.	1.32	.04		T.	4.20
Garland[2]	Red		T.	T.		.30	.20	.78	.23			.80	1.30	T.																.72			4.33
Georgetown[2]	White			.75							.34					.08										T.			.65	.45			2.27
Gilbert[2]	White	.08	1.05								.95				.20														.65				2.93
Glenwood[2]	Ouachita	.04	1.04								.14	.15	.04	.12		.17											.09	.04	.03		.01		1.87
Grannis	Red	.54			T.	.10	.25	.70			1.06	.07	.51		.08						T.						.08	1.18				T.	4.57
Gravelly[2]	Arkansas		1.03			T.	.81	.02	T.		.38	.10																T.	1.12				3.46
Gravette	Arkansas	.89									.93			.07													.05	1.63					3.57
Green Forest	White	1.02				T.					1.69			.09													1.58		.25				4.63
Green Mountain	White	.45	.10								T.				T.													.75	T.				1.30
Greenwood[2]	Arkansas		1.18				.08	1.69			.65																	1.70					5.30
Harrison	White	1.46								.14	.92																	1.12					3.64
Helena[2]	Mississippi		1.49								.02			.14		.08											.68		1.38	.04			3.83
Henderson[2]	White		.60																									1.00					1.60
Hollis	Arkansas																																....
Hope[2]	Red		.32			.03	2.22	T.	T.			.23	.72	.17		.04											1.13		1.20	.14		.42	6.62
Hot Springs	Ouachita	.49				1.29	T.			.07	.07		.09	T.													.27	.72	.28				3.28
Huttig[2]	Ouachita		1.15			2.18	.72					.17	.21	.33						.26							1.02	.09	.47	1.12	.06		7.78
Index[2]	Red					.50						.75	.85	.05													.10		.50				2.75
Jessieville	Ouachita	1.60				2.94					.36	.05														2.18	.90		.88				7.21

Daily Precipitation for July, 1945 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jonesboro[2]	White	.25	.03								.58										.01				.07		.23		.76				1.93
LaCrosse[2]	White																																.....
Lake City[2]	St. Francis		.15					.25			.18										.10						.10			.15			0.93
Lead Hill	White	.46		T.		.04					1.36																	.28					2.14
Little Rock[1]	Arkansas	1.45			T.	.31	T.			.24	T.		T.	T.	T.												1.82	.60	.15		T.		3.56
Lutherville	Arkansas	2.00				.31					1.10		.15																				3.56
Madison[2]	St. Francis	.28	.20																										1.70	.10	1.35		3.85
Magnolia	Red	T.				1.38						1.24	.49		.51											2.00			1.33		.04		6.99
Mammoth Spg[2]	White	.06					.64				.23																		.18				1.11
Marianna[2]	St. Francis		.95				T.	T.								.22															1.19	.30	2.66
Marked Tree[2]	St. Francis	.75	.13				.13				1.03					.06										.07	.25		.84	.07			3.33
Marshall[2]	White		.30	.08								.30				.10													1.15				2.65
Marvell[2]	White										.14			.67												.14			1.98				2.93
Melbourne[2]	White		.37				.01				.02																	T.	.39				0.79
Mena[2]	Ouachita	T.	.64			T.	.05	.84	.03		.13	.06		T.	.01								T.		T.			.60	.27				2.63
Monticello[1]	Ouachita	.75				.11					.13		1.93															.24	2.32		.10		5.58
Morobay[2]	Ouachita		.74			.10	.58					.62	.49	.89													.06	.64	.28	.12		.54	5.06
Morrilton[2]	Arkansas		.93								1.47				.10													.27	.40				3.17
Mountainburg	Arkansas	1.28									.98				.33						.22							.49					3.30
Mountain Home	White	.55								T.	.10																	1.30	.20				2.15
Mountain Valley	Ouachita																																.....
Mountain View[2]	White	.25	.85				.08			.02	T.					T.													1.56				2.76
Mount Ida	Ouachita	1.98				3.69	.41				.62																.64	2.20					9.54
Mulberry[2]	Arkansas	.06	1.14					.99			.70																	.65	.10				3.64
Nashville	Red	.58				T.					.08	.28	.66		T.												T.	.61	.05				2.26
Newhope[2]	Ouachita																																.....
Newport[2]	White	1.70	.20				.02				.02					.03					T.						T.		.45				2.42
Nimrod Dam[2]	Arkansas	.84					.50				1.13	.01																.20	1.29				3.97
Odell[2]	Arkansas	.73	1.08				.18				1.10				.33														1.76	.16			5.34
Odeu	Ouachita	.61				.10	.05				.43	.12													.55		1.20	.04	.75				3.85
Okay	Red	.50				.20					.06	.64	.41		1.08												.10	1.09	1.50			T.	5.58
Osceola[2]	Mississippi																																.....
Ozark[2]	Arkansas	.05	.56								.53				.04													2.00	.24				3.42
Paragould	St. Francis	.55					.69			.14																T.		.15	.26				1.79
Parkin[2]	St. Francis	.10	.35								.13																1.93		.35				2.86
Perryville[2]	Arkansas	.65				1.06		T.		*	1.10	.01															.05	.33	.25				3.45
Pine Bluff[2]	Arkansas		.61				.10	.02			.18	T.	.04	.12													.22	T.	1.31			T.	2.79
Pine Ridge[2]	Ouachita	.53				.14					.21																.10	1.82	.54				3.34
Pocahontas	White		.33	.15		T.					.06				.05													T.	.39	T.			0.98
Portland[2]	Ouachita		.80				.48					.10		.83						.05							.89			2.25			5.40
Prescott[2]	Ouachita		.23			.04	1.43	T.	T.			.13	.53	.24													1.73		1.03	.01		.08	5.45
Ratcliff[2]	Arkansas		.98									.58																.65	1.15				3.36
Red Star	White	1.78				.19					1.31				.30												.39	.03					4.00
Rogers	White	1.14				T.				.26	1.81			.02													.02	.27					3.52
Rosebud	Arkansas																																.....
Russellville	Arkansas	.70			T.	.30				.01	.85				.85													1.78	.10				4.58
St. Charles	White		.14								.02		.44	.06												.05	T.	2.45					3.16
St. Francis[2]	St. Francis	.52					.74				T.				T.												.23		.57				2.06
Searcy[2]	White	3.12	1.28			T.					.04					.39					.57						.20	.02	.13				5.75
Sheridan	Ouachita	1.88				.26				.23	.02		.03		.08												3.38	1.87	.25		.02		8.02
Shirley[2]	White		1.60				.40				T.				T.						T.			.60				1.25	.80				4.65
Siloam Springs	White	1.19	.04		.03		T.				1.03			.20													.09	.39	.02				2.99
Sparkman	Ouachita																																.....
Stamps	Red	1.09				1.92		.02	.19			.74	.62		.03						T.						.87	T.	.94			.01	6.33
Stephens[2]	Ouachita																																.....
Steve[2]	Arkansas					.97					.56																.51	.56	1.82				4.42
Story[2]	Ouachita		.43				.77					.63														.47		.27	.21				2.78
Stuttgart[2]	Arkansas		1.72								.12																	3.29		.10			5.23
Stuttgart Evap	Arkansas	2.00	.20							.18	T.																		3.05				5.43
Subiaco[2]	Arkansas		.46								.05	.64	T.																.32				1.47
Sugar Grove[2]	Arkansas		.45					T.			.40																		.95				1.80
Texarkana[3]	Red	.50			T.	.83		.06			T.	.78	.49														.15	T.	1.24				4.05
Tichnor[2]	White													.26	.24											.21		1.66					2.37
Turnpike	Arkansas	1.16									.94				.58											.05	.14	.03					2.90
Viola[2]	White	.13	.10								.14																	.06	.45				0.88
Waldron[2]	Arkansas		.52				.32	.26			.37	.07																	1.62				3.16
Walnut Grove	White	.35				T.	.55				T.				T.											.26		T.	.50				1.66
Warren	Ouachita	1.97	.02			.11					.04	.02	1.63	T.	T.												.05		2.50		.05		6.39
Whitecliffs[2]	Red							T.			T.	T.	1.01														.20	1.10	.73		1.52		4.56
White Rock	Arkansas	1.20									.65			.15														.51					2.51
Wilson[2]	Mississippi	.80														.20									.40		.57	.11	.12	.18			2.38
Wynne	St. Francis																																.....

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for July, 1945

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.450	.330	.276	.178	.160	.241	.151	.230	.315	.217	.080	.266	.214	.320	.335	.277	.314	.239	.249	.252	.385	.391	.192	.305	.225	.366	.243	.005	.272	.203	285	7.956
	Mean tem.	73	72	68	71	74	76	72	74	77	72	66	69	77	78	76	66	66	70	76	79	80	82	82	86	85	84	76	80	79	79	82	88.6
	Wind move	61	40	40	25	6	29	29	33	24	43	44	31	22	13	32	39	33	41	31	13	25	31	27	43	25	40	32	33	33	16	34	968
Hope, Exp. Farm	Evap.	.238	.211	.266	.246	.211	....	.175	.122	.218	.287	.128	.153	.069	.115	.173	.275	.262	.240	.234	.254	.256	.209	.269	.242	.239	.384	.226	.195	.200	.176	.281	6.772
	Mean tem.	84	75	72	76	76	78	78	78	82	76	72	69	77	80	79	74	73	76	79	81	82	84	86	86	86	84	82	82	82	81	82	78.8
	Wind move	33	55	30	11	11	18	15	15	25	33	37	15	14	6	20	20	20	20	20	12	20	9	11	3	11	34	16	7	20	11	4	576
Nimrod Dam	Evap.	.340	.030	.224	.272	.150	.280	.208	.183	231	.154	.170	.134	.126	.176	.232	.182	.302	.258	.260	.282	.226	.276	.302	312	.304	.344	.198	.080	.234	.290	.216	6.976
	Mean tem.	74	74	72	72	75	76	76	76	81	73	73	72	78	80	77	71	71	73	72	81	82	84	86	86	88	88	77	80	78	80	80	77.8
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Russellville	Evap.	.164	.168	.194	.164	.140	.136	.212	.190	.192	.160	.208	224	.230	.216	.206	.270	.272	.274	.216	.290	.224	.220	.234	.234	.258	.242	.152	.100	.264	.274	.270	6.598
	Mean tem.	78	76	72	74	79	78	78	77	80	78	72	74	79	81	78	72	73	82	83	83	82	84	85	86	87	85	80	83	79	80	82	74.2
	Wind move	15	14	10	7	7	10	11	11	13	22	18	13	13	12	12	18	21	6	9	12	7	8	9	8	14	19	8	10	10	12	19	378
Stuttgart, Rice Exp. Farm	Evap.	.199	.250	.145	.184	.124	.121	.219	.255	.014	.384	.239	.103	.045	.160	.211	259	.225	.262	.232	.150	.238	.206	172	.303	.246	.148	.195	.145	.308	.229	.096	6.067
	Mean Tem	80	74	74	74	76	78	78	81	82	79	76	76	77	80	77	72	74	80	82	83	83	84	86	86	86	82	83	82	81	81	81	79.6
	Wind move	30	48	2	10	30	10	25	15	50	30	50	20	20	20	30	40	35	20	25	30	10	10	25	40	45	50	10	70	40	20	45	905

Daily Temperatures for July, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	90	82	82	86	85	86	84	88	92	83	84	80	86	89	88	83	85	87	93	94	95	97	98	99	97	97	85	90	92	92	89	89.0
	Minimum	66	65	57	59	61	64	67	64	69	64	62	65	68	68	69	59	58	57	64	67	68	68	72	71	73	70	69	69	65	70	69	65.7
Arkadelphia /	Maximum	94	86	86	91	85	88	84	90	96	80	83	74	88	91	89	87	89	91	96	97	96	98	100	100	101	99	91	94	93	93	92	91.0
	Minimum	66	65	57	58	67	61	67	66	67	67	65	65	67	67	69	59	58	59	64	67	68	67	71	71	72	70	70	67	69	70	69	66.0
Ashdown	Maximum	80	82	82	86	87	85	83	90	90	81	80	78	84	88	83	82	84	84	92	94	94	97	98	98	98	94	90	90	92	90	90	87.9
	Minimum	66	67	63	64	71	69	70	70	69	68	68	68	70	71	71	63	64	65	72	75	76	78	78	78	78	74	74	72	72	74	73	70.7
Batesville Air	Maximum	74	84	84	84	86	88	88	90	92	81	80	86	87	95	85	84	85	92	97	96	99	101	103	104	102	96	83	94	95	94	96	90.5
	Minimum	66	60	56	60	65	64	60	58	66	58	53	54	68	67	62	52	50	51	59	64	62	66	69	70	72	69	70	67	61	65	68	62.3
Batesville,Livestk	Maximum	79	82	82	82	85	86	86	90	89	79	80	86	86	91	84	85	85	88	94	95	97	98	101	101	100	96	82	91	91	93	95	89.0
	Minimum	68	62	55	60	65	65	59	59	62	66	53	54	61	67	62	51	52	52	50	65	63	68	73	74	74	69	70	70	64	65	71	62.9
Bee Branch	Maximum	84	80	82	81	85	87	88	87	92	85	84	86	88	92	88	85	87	90	95	96	97	97	98	99	98	96	85	91	91	90	91	89.5
	Minimum	76	60	61	61	69	64	70	70	70	67	60	64	68	69	71	60	60	61	69	71	70	73	74	74	77	71	70	69	68	72	70	68.0
Benton /	Maximum	86	81	86	87	86	85	83	88	92	82	81	75	86	89	85	82	85	87	92	92	92	97	96	96	98	85	86	92	92	90	89	87.8
	Minimum	71	65	56	57	58	63	66	64	66	65	64	65	66	66	67	57	56	56	63	66	67	66	66	69	70	69	60	69	67	66	68	64.3
Bentonville /	Maximum	75	82	81	84	88	85	86	87	91	77	81	81	88	88	83	82	83	86	92	94	94	94	95	95	95	85	81	80	89	93	93	86.7
	Minimum	64	55	55	60	64	65	59	61	66	63	54	57	64	62	63	60	57	56	57	65	66	66	68	70	71	71	69	69	60	62	67	62.8
Bethesda /	Maximum	79	82	82	82	85	86	86	89	89	78	80	85	86	89	91	82	82	88	94	94	97	97	100	100	99	93	82	90	91	94	95	88.6
	Minimum	67	62	55	60	63	65	59	58	65	66	53	53	68	66	60	50	49	51	59	64	62	68	65	71	71	69	70	69	67	64	68	62.5
Bluff City	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Blytheville	Maximum	..	79	70	82	88	85	89	90	90	79	82	88	83	88	86	81	82	90	91	93	95	98	99	98	99	89	88	80	82	89	92	87.5
	Minimum	..	65	63	65	69	66	63	63	72	67	64	59	69	72	65	59	57	62	72	71	67	73	76	77	75	73	75	72	70	71	74	68.2
Booneville	Maximum	88	83	84	85	88	87	84	91	97	90	82	86	91	92	90	86	86	89	95	96	97	99	101	102	103	101	86	92	93	97	95	91.5
	Minimum	69	65	58	64	69	67	73	74	81	66	65	66	65	69	69	65	56	57	63	67	67	67	69	72	74	76	71	71	64	68	72	67.7
Brinkley	Maximum	89	82	82	86	86	90	87	92	93	88	84	84	86	93	88	86	87	91	95	95	98	100	102	101	103	96	96	90	94	91	93	91.2
	Minimum	69	62	59	59	69	67	68	67	68	70	63	62	69	67	63	57	56	56	64	68	69	67	73	74	74	72	69	71	71	73	72	66.7
Camden	Maximum	94	83	89	91	92	89	90	92	96	96	89	76	88	92	90	91	90	91	96	96	98	97	106	100	100	98	93	92	92	89	94	92.6
	Minimum	70	67	67	61	60	68	75	69	70	70	53	66	70	68	67	61	60	62	69	69	60	72	74	75	76	71	71	70	70	72	70	67.8
Camp Robinson	Maximum	87	82	84	86	87	87	89	90	94	85	82	82	87	90	85	83	86	88	93	94	95	98	100	99	98	95	85	91	95	91	91	89.6
	Minimum	67	65	62	53	68	66	70	66	66	69	65	66	66	66	67	63	63	60	67	70	70	70	74	73	76	73	70	71	70	74	72	67.7
Conway	Maximum	89	84	85	86	86	88	87	91	95	83	84	82	90	93	88	85	89	89	96	95	96	99	100	100	100	94	85	92	95	92	92	90.6
	Minimum	68	65	61	62	70	69	69	66	70	67	62	64	70	72	70	58	58	57	64	70	70	70	72	72	73	72	71	71	68	72	74	67.6
Corning	Maximum	94	84	80	83	84	86	87	85	89	89	81	81	87	86	91	82	83	81	90	94	94	95	99	99	100	101	93	89	90	89	94	89.3
	Minimum	68	65	59	61	60	61	61	63	71	72	54	58	65	69	61	55	54	59	65	67	66	70	73	73	73	73	74	71	66	70	71	65.5
Crossett	Maximum	92	82	84	91	90	88	90	95	96	92	83	80	89	94	92	87	89	91	93	92	91	95	97	98	97	92	93	86	84	94	95	90.7
	Minimum	69	68	59	60	67	68	70	69	69	71	67	69	73	67	70	62	66	66	68	67	68	67	69	71	75	71	71	73	70	70	70	68.4
Cummins Farm	Maximum	92	80	81	86	83	87	84	92	92	88	84	81	82	90	86	84	87	90	94	94	94	96	99	99	100	90	94	87	87	89	89	89.1
	Minimum	70	69	62	63	68	68	72	69	69	70	68	69	71	68	70	62	61	65	70	70	69	71	74	73	72	73	70	71	72	72	72	69.1
Dardanelle	Maximum	95	86	89	87	85	88	87	91	92	88	84	86	90	91	91	87	88	90	96	96	97	98	100	100	100	99	86	93	94	94	93	91.6
	Minimum	71	67	60	64	72	70	69	66	72	67	65	65	71	69	77	62	60	58	65	71	70	70	72	75	75	77	73	72	65	71	74	68.9
De Queen	Maximum	89	80	83	85	76	84	80	84	91	88	77	76	85	86	87	84	84	87	88	92	92	95	94	95	96	95	93	92	92	90	90	87.4
	Minimum	68	64	59	63	71	65	69	68	69	67	62	68	69	70	69	66	60	68	65	67	68	72	73	72	73	71	71	72	65	74	71	68.0
Des Arc	Maximum	92	82	83	85	85	88	87	91	95	81	82	84	91	91	89	84	86	88	95	90	96	98	100	100	99	92	91	91	94	93	93	90.2
	Minimum	67	68	62	62	70	66	70	69	70	71	64	66	70	70	69	60	60	59	65	69	70	70	73	71	75	71	70	70	69	73	72	68.1
Devils Knob	Maximum	80	76	77	74	80	82	80	81	84	78	76	80	81	83	80	78	78	82	89	89	90	90	93	92	93	86	81	81	85	88	89	83.1
	Minimum	69	59	64	63	69	67	63	65	67	63	57	64	63	64	64	59	60	60	68	73	75	72	72	77	75	72	69	61	75	79	70	67.0
Dumas	Maximum	98	85	86	92	84	92	88	95	97	95	89	82	87	94	89	88	90	95	96	96	97	100	102	102	102	93	96	89	90	92	95	92.8
	Minimum	72	69	60	62	68	69	72	68	70	72	69	68	72	70	72	69	70	58	69	69	71	72	74	75	74	72	72	73	72	72	71	69.9
El Dorado	Maximum	95	85	89	91	84	89	89	93	95	94	84	83	88	90	91	90	92	90	91	92	92	94	96	100	95	91	91	84	86	91	92	90.5
	Minimum	67	66	59	60	61	67	71	70	69	69	65	64	67	70	68	61	59	65	70	71	70	71	72	73	73	68	66	66	71	72	69	67.4
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	85	79	80	81	85	83	85	86	89	87	79	82	87	87	82	81	82	84	90	92	94	95	96	96	97	91	83	87	89	93	93	87.1
	Minimum	63	55	57	64	67	65	60	61	64	62	54	59	66	63	63	60	57	57	58	67	68	68	71	72	72	71	70	71	62	65	72	64.0
Fayetteville	Maximum	87	80	81	80	89	84	85	85	91	90	81	83	88	85	85	82	82	83	90	91	94	95	96	96	95	91	85	85	89	90	90	87.4
	Minimum	64	54	54	60	64	64	59	62	68	62	54	59	63	64	64	60	55	56	57	64	64	65	67	69	69	66	69	75	59	61	69	62.6
Fayetteville Exp. S	Maximum	86	81	81	79	87	85	85	86	91	88	82	80	87	88	85	82	83	85	91	92	94	93	94	93	94	88	85	87	89	91	90	87.2
	Minimum	65	56	55	62	67	65	62	65	70	64	57	61	64	66	66	64	56	58	58	65	65	67	68	70	72	69	70	72	61	63	70	64.3
Fordyce	Maximum	91	83	86	84	88	86	90	95	85	80	78	85	92	89	86	90	92	96	96	96	96	98	98	100	88	85	95	91	89	91	94	90.1
	Minimum	70	67	60	70	65	71	68	69	71	67	67	70	70	70	60	60	62	68	70	71	73	74	74	78	70	70	70	72	72	72	73	69.2
Fort Smith	Maximum	75	85	85	81	82	89	85	88	94	77	82	87	89	91	89	86	86	89	94	94	97	96	97	98	99	97	86	22	92	97	94	89.5
	Minimum	69	67	64	68	70	70	70	70	68	69	66	68	70	70	73	69	64	64	68	72	73	74	76	78	80	74	74	75	70	72	76	70.7
Gilbert	Maximum	76	85	83	80	85	87	88	87	88	77	82	85	91	90	85	85	86	89	97	97	97	98	100	100	97	97	82	92	92	94	91	89.1
	Minimum	65	60	57	57	61	63	60	60	61	62	56	57	58	66	64	55	55	55	56	59	65	64	64	67	68	68	69	69	62	62	62	61.5
Grannis	Maximum	87	82	83	87	85	84	84	85	92	81	77	79	88	90	88	84	83	89	91	93	93	95	97	95	97	99	87	93	95	93	89	88.5
	Minimum	64	62	56	59	67	61	64	65	65	67	59	64	65	66	66	58	57	56	67	67	69	67	70	69	69	67	69	68	62	70	68	64.6
Gravette	Maximum	84	83	83	80	88	85	85	85	91	91	82	84	87	88	85	83	84	85	91	92	92	93	93	94	94	94	86	88	87	90	88	87.6
	Minimum	64	53	56	60	63	66	61	61	68	63	56	60	62	62	64	63	60	58	59	63	64	64	66	69	70	69	69	68	60	64	70	63.1
Green Mountain	Maximum	85	80	82	83	85	86	84	87	88	76	79	82	86	89	83	81	82	89	94	94	95	96	98	99	97	95	99	90	89	91	95	88.4
	Minimum	65	60	61	62	66	72	64	70	69	55	58	57	69	66	64	67	62	69	68	72	75	71	78	76	80	77	72	73	79	74	75	68.6
Harrison	Maximum	77	81	81	80	87	86	86	88	90	89	80	84	88	88	82	82	81	86	92	94	95	98	97	96	96	94	82	88	90	93	94	87.9
	Minimum	65	58	56	61	65	66	57	63	65	65	54	60	67	62	64	55	56	52	58	65	65	66	67	69	70	70	72	70	62	63	70	63.2
Helena	Maximum	92	78	81	84	85	87	85	90	91	88	82	79	82	88	82	81	84	87	93	92	93	95	98	96	97	85	90	87	87	87	89	87.6
	Minimum	69	67	60	61	66	67	70	68	71	69	66	68	68	69	69	63	62	63	70	72	70	71	75	75	73	71	70	70	74	72	72	68.7
Hope	Maximum	91	83	85	90	80	88	85	88	94	82	80	76	86	91	88	83	86	89	92	93	94	97	98	98	97	97	92	92	94	93	93	89.5
	Minimum	76	67	60	62	71	68	70	69	70	71	64	62	68	69	70	64	60	63	66	69	71	71	73	73	76	70	72	72	70	99	71	68.6
Hot Springs	Maximum	90	86	85	86	83	83	83	89	93	88	84	78	86	90	93	89	91	93	96	98	98	99	101	102	101	95	89	99	97	99	94	91.5
	Minimum	68	64	60	61	69	66	69	65	73	66	64	66	69	69	70	62	59	62	68	70	70	73	77	77	79	72	71	70	69	75	72	68.5
Jonesboro	Maximum	91	82	82	83	89	87	86	91	91	83	83	88	85	91	89	84	81	91	95	94	96	98	101	100	100	95	92	92	93	92	94	90.3
	Minimum	69	67	62	64	69	66	65	64	70	69	59	60	67	71	66	58	58	58	58	73	69	74	76	76	76	72	73	71	69	73	72	67.5
Lead Hill	Maximum	80	84	82	86	89	87	87	89	91	87	81	86	90	91	87	82	83	87	94	96	98	96	98	100	100	97	89	93	93	96	96	90.2
	Minimum	62	68	54	67	62	67	56	66	64	64	52	55	67	63	65	53	52	50	56	63	63	64	67	69	70	69	72	71	60	59	60	62.3
Little Rock	Maximum	88	80	83	85	87	85	84	90	93	83	81	77	84	91	86	82	85	88	93	94	94	98	99	98	96	93	90	90	95	90	91	80.8
	Minimum	69	67	63	64	70	67	71	70	68	70	66	68	70	71	71	62	62	65	72	71	73	74	76	76	78	73	71	71	72	74	73	69.9
Lutherville	Maximum	84	85	85	82	85	87	85	87	90	83	83	85	81	90	88	85	87	92	94	95	95	95	96	97	97	94	84	93	93	92	93	89.1
	Minimum	66	65	58	62	66	67	65	63	68	65	59	51	67	66	62	58	57	60	66	68	68	72	71	71	71	73	72	71	64	66	64	65.2
Magnolia	Maximum	93	84	84	89	87	87	88	89	93	88	81	85	88	89	90	89	87	89	91	93	91	91	95	97	96	94	95	99	90	91	91	90.2
	Minimum	71	67	62	65	69	69	71	69	68	73	64	67	67	69	68	64	60	65	69	70	71	69	72	73	75	70	70	71	70	73	71	68.8
Mammoth Spring	Maximum	93	87	89	83	88	86	87	87	85	83	83	86	87	89	87	83	81	88	93	95	97	96	97	99	98	95	85	92	91	92	96	89.6
	Minimum	68	62	56	59	61	66	58	58	59	65	53	59	68	66	63	53	52	56	60	65	65	67	69	72	72	69	72	72	60	62	66	63.0
Marianna /	Maximum	90	77	79	82	87	86	90	91	94	85	82	83	89	91	85	80	87	86	95	92	94	98	101	99	100	91	94	87	90	89	90	89.2
	Minimum	68	68	57	59	66	68	71	70	68	67	63	63	68	67	67	59	58	63	64	69	68	67	71	73	72	71	68	70	75	73	71	67.2
Marked Tree /	Maximum	88	83	83	83	88	88	89	91	94	80	83	89	84	91	85	85	83	92	95	96	96	98	100	99	99	92	92	87	93	91	93	90.0
	Minimum	68	67	63	64	64	66	66	65	65	69	60	60	60	69	66	60	58	59	63	71	71	69	71	74	74	74	72	71	71	71	74	66.9
Marshall /	Maximum	86	86	86	87	91	90	96	92	98	90	93	90	95	95	92	86	90	97	99	100	101	101	102	104	104	96	90	98	100	98	96	94.5
	Minimum	78	66	62	60	66	68	60	66	64	56	50	66	71	75	65	56	51	45	58	53	62	66	65	72	68	67	56	53	55	54	52	61.5
Mena	Maximum	87	84	86	88	83	88	82	88	93	90	80	83	88	87	90	86	86	92	94	93	94	96	97	98	100	100	83	91	95	95	91	89.9
	Minimum	66	64	57	61	69	63	66	64	69	65	63	64	65	67	66	63	54	58	65	66	67	67	71	71	72	72	70	69	62	69	71	65.7
Monticello	Maximum	92	82	85	88	83	89	88	92	95	90	84	76	86	92	88	85	88	90	93	94	94	96	96	97	98	93	92	81	86	88	92	89.5
	Minimum	70	68	64	63	68	66	74	70	69	72	69	65	71	70	70	63	64	68	70	71	70	72	73	74	76	72	70	72	71	72	71	69.6
Morrilton /	Maximum	78	86	87	86	94	92	90	95	96	80	81	83	89	90	85	85	84	92	96	97	98	98	99	99	99	100	91	94	98	94	96	91.4
	Minimum	69	66	60	65	67	69	69	65	71	68	64	66	67	71	69	60	58	57	63	67	68	69	73	74	74	74	73	70	66	68	73	67.5
Mountain Home	Maximum	91	84	82	81	88	86	86	89	87	81	81	86	89	90	84	84	82	89	94	95	96	97	99	99	99	96	82	91	89	93	94	89.2
	Minimum	66	59	56	60	63	65	57	64	66	60	53	69	68	64	63	53	54	53	60	68	66	68	68	71	73	70	71	72	63	64	67	63.7
Mt. Ida	Maximum	86	81	83	87	86	86	85	87	92	89	80	80	85	93	89	82	84	89	94	92	95	95	99	99	100	97	87	92	93	91	91	89.3
	Minimum	70	60	55	58	67	64	64	66	69	66	64	67	67	65	65	58	54	54	63	64	65	65	70	70	70	72	71	69	65	64	69	64.8
Nashville	Maximum	92	83	85	91	85	91	84	91	96	92	80	77	88	92	89	85	86	91	94	96	95	96	99	100	100	99	89	95	94	94	94	91.1
	Minimum	69	65	60	63	71	66	72	67	68	69	64	68	69	69	69	66	60	65	71	69	71	71	72	72	73	70	73	74	69	75	70	68.7

Daily Temperatures for July, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	90	85	86	84	90	90	89	92	94	86	84	89	89	93	85	86	85	91	96	97	98	100	102	101	101	95	91	95	94	94	96	91.9
	Minimum	70	69	63	66	70	68	67	66	71	72	61	62	72	71	67	60	59	58	66	70	69	70	74	74	78	73	74	73	68	73	74	68.6
Nimrod Dam /	Maximum	78	84	86	84	86	86	85	89	93	80	83	80	88	92	87	84	86	89	95	95	96	100	100	102	101	100	85	91	92	93	92	89.7
	Minimum	70	64	58	59	64	67	67	64	69	66	63	65	67	69	68	58	56	57	59	67	69	68	71	71	74	76	70	70	64	68	69	66.0
Oden	Maximum	87	85	86	89	85	88	84	89	95	89	80	83	89	92	91	88	88	92	95	97	97	99	103	100	99	99	89	92	94	97	93	91.4
	Minimum	64	69	58	61	70	65	68	65	72	67	64	68	69	69	68	68	56	56	60	66	67	68	74	72	71	74	71	71	63	76	70	67.1
Okay	Maximum	98	85	85	91	90	89	89	87	93	84	78	79	88	90	89	89	87	90	93	96	94	95	96	97	97	96	96	91	92	92	94	90.6
	Minimum	70	65	59	62	71	68	71	67	68	69	61	68	68	69	68	64	59	63	67	68	70	69	70	72	73	71	70	68	66	68	68	67.4
Ozark	Maximum	76	88	82	81	87	87	86	88	95	89	82	85	90	92	89	88	91	97	95	95	97	100	100	99	100	98	83	92	91	95	95	90.7
	Minimum	70	63	59	73	68	66	65	66	67	68	60	66	67	65	66	65	59	58	64	70	70	70	72	73	73	73	73	73	66	69	73	67.4
Paragould	Maximum	85	83	83	84	88	85	87	90	91	80	82	88	88	91	81	83	83	93	95	95	97	97	101	100	99	95	91	91	90	93	94	89.8
	Minimum	69	67	61	64	66	65	64	73	71	71	52	52	79	70	67	57	56	61	69	69	66	69	76	76	66	74	73	73	68	70	70	67.2
Perryville	Maximum	90	84	85	88	89	87	88	92	93	94	85	84	90	89	85	84	87	87	86	95	96	98	99	100	100	97	88	94	93	91	94	90.7
	Minimum	67	65	56	58	67	67	67	63	64	67	67	63	69	70	69	56	54	53	51	67	68	66	69	71	72	73	70	70	64	66	68	65.1
Pine Bluff	Maximum	90	83	84	89	84	88	83	91	95	89	84	78	82	92	89	87	91	92	96	97	98	100	101	100	100	92	95	91	92	93	93	90.9
	Minimum	72	69	64	64	72	67	75	73	72	72	69	68	71	71	72	63	63	65	71	74	74	75	77	78	78	74	72	71	74	75	73	71.2
Pocahontas	Maximum	92	85	86	85	90	89	89	91	91	87	84	88	88	92	91	86	85	92	97	97	99	100	103	104	102	101	93	94	94	94	96	92.4
	Minimum	70	65	60	62	65	68	60	63	70	72	57	59	65	68	62	57	56	61	66	69	68	70	77	74	77	72	74	71	68	68	69	66.5
Portland	Maximum	92	82	85	89	80	88	91	92	94	90	83	82	90	91	90	83	89	91	92	94	95	96	96	98	98	88	89	82	87	90	91	89.6
	Minimum	70	68	62	63	68	70	72	69	72	73	68	71	72	72	70	63	62	66	70	70	81	72	73	75	75	72	73	75	71	77	78	70.7
Prescott	Maximum	94	85	86	92	85	89	88	89	95	92	80	78	86	90	90	87	88	91	95	96	95	96	99	98	99	96	92	92	95	90	93	91.0
	Minimum	72	68	63	64	71	67	72	70	71	71	64	68	70	70	72	64	62	64	70	71	73	73	79	76	76	71	72	71	71	76	73	70.2
Rogers	Maximum	85	80	80	82	86	85	86	86	89	84	81	82	85	86	83	82	81	84	89	91	92	93	94	94	93	84	84	88	88	91	92	86.5
	Minimum	64	55	55	60	65	65	59	62	67	63	54	60	64	63	65	59	56	56	58	67	68	67	68	71	71	71	69	69	62	63	68	63.4
Russellville	Maximum	77	86	84	86	88	88	87	89	92	87	82	84	89	92	89	86	87	89	95	97	96	98	99	99	100	97	86	93	94	93	93	90.4
	Minimum	69	66	59	62	70	69	69	65	68	67	62	63	69	70	68	59	59	75	71	69	69	70	71	72	74	73	73	73	64	66	72	67.9
St. Charles	Maximum	95	84	94	90	88	93	88	93	94	94	87	86	86	94	88	85	90	93	96	97	96	99	102	101	100	95	98	91	90	93	93	92.7
	Minimum	70	69	62	61	77	66	70	69	69	68	67	68	70	69	68	61	60	64	68	70	71	70	75	75	72	71	71	69	74	71	70	68.9
Searcy	Maximum	85	81	82	83	83	87	85	89	92	85	82	85	86	88	85	83	85	88	94	93	93	96	97	98	97	91	87	96	98	96	96	89.2
	Minimum	68	67	62	63	71	68	69	66	70	71	61	63	71	72	69	60	59	59	67	70	70	70	74	75	76	73	75	70	68	74	73	68.5
Sheridan	Maximum	90	81	83	86	86	86	83	89	92	85	83	81	86	91	85	83	87	88	93	95	95	97	98	97	98	92	88	90	93	91	90	89.1
	Minimum	68	65	57	59	69	63	67	66	69	67	65	65	68	68	68	55	55	58	60	68	69	70	72	72	73	71	70	69	68	72	70	66.3
Siloam Springs	Maximum	82	80	81	79	88	84	84	85	91	77	82	82	89	86	84	83	83	85	90	92	94	93	94	94	95	87	81	87	88	91	91	86.5
	Minimum	64	54	56	62	65	66	61	61	69	63	57	61	64	63	65	62	59	58	59	65	65	66	67	70	70	72	70	69	60	61	70	63.7
Stuttgart	Maximum	93	81	84	85	85	88	85	90	94	89	84	82	83	91	95	89	87	88	95	95	95	97	99	99	99	92	94	89	91	89	91	90.3
	Minimum	71	68	63	64	70	68	70	71	71	70	67	69	71	70	69	61	60	63	69	73	74	73	75	77	75	74	73	71	73	73	72	69.9
Stuttgart Evap	Maximum	89	80	83	85	85	88	85	90	94	88	85	82	83	90	82	84	87	92	94	93	94	97	99	97	98	92	94	88	90	88	90	89.2
	Minimum	70	69	64	63	68	68	70	72	70	71	67	69	71	69	72	61	62	67	69	73	62	71	74	75	74	73	72	76	72	74	72	70.0
Subiaco	Maximum	89	85	84	86	87	88	89	91	92	90	91	86	90	91	87	85	87	90	98	98	99	99	100	99	100	100	86	93	96	97	97	91.9
	Minimum	68	65	64	73	68	67	68	66	70	66	63	65	66	69	71	61	72	59	64	69	79	69	73	73	76	75	71	71	78	72	68	69.0
Texarkana	Maximum	90	85	87	91	85	87	78	87	93	80	81	79	87	90	90	85	86	89	94	94	94	94	96	97	94	95	95	89	93	92	92	89.3
	Minimum	68	68	64	67	73	71	82	70	71	73	74	70	68	71	75	67	63	65	71	70	73	74	74	74	77	72	73	76	70	74	73	71.0
Turnpike	Maximum	81	76	76	75	82	80	80	81	84	77	82	79	83	82	78	77	78	80	87	87	89	89	91	91	94	88	80	85	87	87	87	83.0
	Minimum	60	58	59	60	64	65	60	63	69	62	55	60	64	64	62	57	57	57	65	79	72	73	76	77	74	69	66	67	63	66	68	64.9
Waldron	Maximum	90	83	85	85	87	87	83	89	95	92	82	85	89	90	90	86	85	90	94	93	96	98	99	99	99	98	86	91	92	95	93	90.5
	Minimum	66	63	57	62	68	65	65	63	67	65	63	65	66	67	66	61	54	55	61	65	65	65	67	71	71	74	71	69	61	65	69	64.9
Warren	Maximum	90	82	84	89	89	89	88	92	96	92	85	78	85	91	85	89	89	90	93	95	94	96	97	98	99	93	92	83	89	90	93	90.2
	Minimum	70	69	62	64	63	66	73	70	71	74	70	66	73	70	71	62	61	65	72	70	71	72	75	77	78	74	71	70	72	73	72	69.9
White Rock	Maximum	76	78	76	74	83	82	79	81	86	86	77	79	83	85	80	79	79	82	88	89	91	92	93	92	94	91	78	87	86	87	88	83.9
	Minimum	62	58	60	62	65	66	64	64	66	60	57	62	64	65	65	59	60	59	66	70	71	69	72	74	73	72	67	68	66	68	68	65.2
Wilson	Maximum	92	85	84	83	89	90	88	91	95	82	83	88	84	90	83	83	91	96	95	96	96	98	99	97	98	89	92	89	90	90	93	90.3
	Minimum	76	64	65	62	66	65	67	64	69	63	57	58	61	69	63	57	57	69	63	67	67	69	73	70	72	69	72	69	72	72	72	66.4
Wynne /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily River Stages for July, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	11.0	14.8	20.2	19.3	17.6	17.0	16.6	16.4	15.8	13.9	13.8	15.4	14.8	13.8	13.4	12.6	11.0	9.9	9.6	9.5	9.3	8.5	8.4	8.2	7.8	7.7	8.1	7.8	10.3	19.7	9.5
Van Buren	do	22	11.5	14.8	20.0	20.4	18.6	18.0	17.6	17.4	16.9	14.8	14.0	16.2	16.1	14.6	14.4	13.4	11.5	10.2	9.9	9.8	9.6	9.0	8.8	8.7	8.3	8.2	8.5	8.3	10.5	11.2	10.2
Danville	Petit Jean	20	4.4	4.6	5.1	4.7	4.3	4.0	3.8	3.6	3.6	3.7	3.5	3.4	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.9	3.0	4.8	4.4	3.4
Ozark	Arkansas	22	7.2	7.6	13.9	16.0	15.2	14.3	13.6	13.4	13.0	11.5	10.0	10.6	12.4	11.0	10.0	10.9	8.2	6.6	5.7	5.5	5.4	4.8	4.4	4.3	4.0	3.5	3.8	4.5	4.2	6.6	6.6
Dardanelle	do	22	9.6	10.1	13.5	18.5	19.0	17.5	16.8	16.5	16.3	15.6	13.8	12.7	14.5	14.9	13.3	12.8	12.2	10.3	8.8	8.1	7.9	7.7	7.1	6.7	6.6	6.2	5.9	6.2	6.5	7.4	9.2
Morrilton	do	20	5.1	5.3	5.9	12.0	13.3	12.6	11.6	11.2	10.9	10.5	9.3	7.8	8.2	9.8	8.6	7.6	7.4	6.0	4.7	3.3	3.0	2.8	2.4	1.9	1.8	1.4	1.1	1.2	1.7	1.4	3.5
Little Rock	do	23	8.3	8.2	8.4	11.3	14.2	14.5	13.4	12.8	12.5	12.2	11.8	10.5	9.7	10.9	11.2	10.1	9.6	9.1	7.9	6.8	6.2	6.0	5.6	5.1	4.7	4.6	4.4	4.2	4.3	4.7	4.7
Pine Bluff	do	25	11.4	10.9	10.8	11.4	15.8	17.1	16.6	15.6	15.2	15.1	14.7	13.7	12.6	12.5	13.3	13.1	12.3	12.2	11.4	10.1	8.4	7.9	7.5	7.1	6.5	5.9	5.8	5.7	5.6	5.8	6.0
Gilbert	Buffalo	30	5.0	5.4	5.1	5.0	4.9	4.8	4.6	4.5	4.5	4.7	4.7	4.5	4.4	4.6	5.1	4.8	4.8	4.7	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Black Rock	Black	14	20.9	20.2	19.2	18.3	17.2	16.2	15.5	14.2	12.9	11.7	10.7	9.8	9.0	8.5	8.0	7.4	7.2	7.0	6.8	6.6	6.4	6.3	6.1	6.0	5.8	5.7	5.6	5.7	5.6	5.5	5.5
Ozark Beach Mo.	White	30	1.8	3.9	4.6	4.6	2.6	2.4	1.2	2.6	0.9	4.6	4.6	4.6	3.9	4.6	3.6	0.3	1.2	1.3	1.0	1.1	0.8	0.3	0.7	0.6	0.7	1.0	0.8	2.9	1.2	0.3	1.6
Cotter	do	21	4.7	4.8	4.6	5.4	5.4	4.8	4.3	4.2	3.8	4.3	5.5	4.8	5.3	4.8	5.1	3.8	3.0	3.9	3.8	3.7	3.4	3.6	3.5	2.4	3.1	2.9	2.9	2.6	3.0	3.5	2.6
Calico Rock	do	18	7.1	7.2	7.4	7.1	7.1	7.0	6.8	6.7	6.2	6.1	7.1	6.6	8.0	6.6	6.4	6.5	4.4	3.9	3.9	3.8	3.7	3.6	3.6	3.6	3.2	3.4	3.4	3.4	2.6	1.8	2.6
Batesville	do	23	13.5	13.0	13.0	12.6	13.0	12.9	12.6	12.3	12.1	11.8	12.0	12.6	12.6	13.6	12.1	12.3	11.2	9.8	9.7	9.6	9.5	9.3	9.2	9.2	9.0	8.8	8.8	9.0	8.9	8.0	7.7
Newport	do	26	23.5	22.8	21.9	21.1	20.5	20.0	19.5	18.9	18.2	17.3	16.3	15.5	14.5	14.5	13.7	12.5	12.0	10.1	8.5	7.9	7.4	7.0	6.7	6.5	6.3	5.9	5.7	5.6	6.0	5.7	4.7
Augusta	do	32	32.4	32.2	32.0	31.8	31.6	31.4	31.2	31.1	30.8	30.6	30.3	29.8	29.3	28.7	28.3	27.5	26.6	25.5	23.9	22.5	21.5	20.7	20.1	19.6	19.2	18.8	18.4	18.1	18.1	18.2	17.8
Georgetown	do	21	22.6	22.5	22.2	22.1	22.0	21.8	21.6	21.3	21.1	21.0	20.8	20.5	20.2	19.8	19.4	18.9	18.3	17.4	16.3	14.9	13.6	12.6	11.5	10.9	10.4	9.9	9.4	9.0	8.7	8.6	8.4
Des Arc	do	24	24.6	24.4	24.2	24.0	23.7	23.6	23.3	23.2	23.0	22.7	22.5	22.3	22.0	21.7	21.4	21.0	20.6	20.0	19.3	18.4	17.3	16.2	15.1	14.2	13.4	12.7	12.1	11.6	11.1	10.8	10.6
Clarendon	do	26	32.2	31.7	31.1	30.5	30.0	29.5	29.0	28.7	28.3	28.0	27.7	27.5	27.2	27.0	26.8	26.6	26.3	26.0	25.7	25.4	24.9	24.3	23.7	22.8	22.0	21.0	20.0	19.3	18.5	17.5	16.8
St. Charles	do	25	32.6	32.1	31.6	31.0	30.4	29.9	29.2	28.5	28.0	27.4	26.9	26.4	26.2	25.8	25.6	25.4	25.2	25.1	24.9	24.7	24.6	24.5	24.3	24.0	23.6	23.2	22.6	22.1	21.1	20.1	18.9
Glenwood	Caddo	..	5.2	5.4	5.3	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Arkadelphia	Ouachita	17	5.3	4.6	4.4	4.2	4.1	5.5	4.6	6.7	4.6	5.1	4.7	4.5	4.9	4.6	4.1	4.1	4.0	3.8	3.9	3.8	4.8	4.0	4.0	5.3	5.6	5.1	5.9	5.7	4.2	4.1	4.0
Boughton	Little Mo.	20	5.2	5.1	5.0	4.8	4.6	4.6	4.5	4.5	4.4	4.4	4.8	5.6	4.7	4.6	4.5	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.1	5.7	4.8	4.8	4.7	4.6
Camden	Ouachita	26	10.6	9.3	8.0	7.3	6.4	6.2	6.8	8.0	7.4	7.8	6.9	6.8	7.9	8.1	8.2	7.7	6.5	5.7	5.2	4.9	4.8	4.6	4.6	4.6	4.4	5.5	6.2	7.7	10.6	11.8	10.4
Benton	Saline	20	5.0	6.7	5.9	5.5	5.3	7.4	7.0	6.5	5.9	5.6	6.5	5.9	5.6	5.3	5.2	5.0	4.8	4.7	4.6	4.5	4.3	4.2	4.1	4.0	4.0	4.0	4.5	5.0	5.2	4.9	5.3
Index	Red	25	17.0	16.6	17.0	17.4	17.7	17.2	18.0	18.5	18.8	18.1	18.1	18.2	18.6	17.2	14.8	14.6	15.8	15.6	15.4	15.3	15.2	16.1	17.3	16.1	14.1	12.7	11.7	10.7	10.7	10.7	11.4
Fulton	do	25	18.8	17.4	16.8	17.2	17.6	17.4	17.8	18.8	19.5	19.5	18.7	18.9	19.6	19.0	16.9	15.2	16.2	16.1	15.8	15.6	15.4	15.5	16.9	16.7	15.0	13.4	12.6	11.7	11.0	10.8	11.6
Big Lake Outlet	St. Francis	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Francis	do	18	19.0	19.1	19.3	19.4	19.4	19.5	19.5	19.4	19.4	19.4	19.3	19.3	19.3	19.3	15.2	19.2	19.1	19.1	19.1	19.1	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1
St. Francis L.L.	do	..	27.1	26.7	25.4	25.1	24.8	24.6	24.4	24.2	24.1	24.0	24.0	23.9	23.8	23.7	23.6	23.5	23.2	23.2	23.1	23.1	23.0	22.9	22.8	22.7	22.6	22.6	22.4	22.4	22.3	22.3	22.0
Marked Tree	do	17	10.3	10.3	10.3	10.0	9.7	9.2	8.8	8.5	8.0	7.7	7.8	7.4	7.0	6.5	6.3	6.3	6.2	6.0	6.0	6.0	6.0	5.8	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6	6.8
Parkin	do	28	29.1	28.9	28.6	28.2	27.8	27.2	26.6	25.8	24.9	23.8	22.6	21.4	20.1	18.8	17.5	16.3	15.6	14.7	14.1	13.5	12.9	12.5	12.1	11.8	11.4	11.1	10.7	10.8	10.8	10.3	9.9
Madison	do	32	31.9	31.8	31.6	31.3	30.8	30.2	29.6	28.4	27.3	26.2	25.0	23.5	22.0	20.6	19.5	17.3	17.3	16.3	15.6	15.0	14.5	13.9	13.6	13.2	12.7	12.5	12.1	12.1	11.9	11.6	11.2
Helena	Mississippi	42	40.7	40.5	39.8	38.5	36.8	34.7	33.0	31.7	30.8	29.8	28.4	26.7	25.1	23.8	23.0	22.0	20.9	19.8	19.0	18.3	17.8	17.6	17.4	17.0	16.4	15.7	15.5	15.4	15.6	15.6	15.3
Arkansas City	do	42	38.3	38.2	38.0	37.8	37.1	36.5	35.9	35.0	34.0	33.0	32.1	31.0	29.6	28.1	26.8	25.8	24.8	23.7	22.4	21.5	20.6	19.7	19.0	18.5	18.1	17.5	16.7	16.3	16.1	15.9	15.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., trace or 0.010 inch or less. ᵃ,ᵇ,ᶜ, etc., number days missing, example, ᵇindicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3. Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. L LITTLE ROCK, ARK., AUGUST, 1945 No. 8

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

August was the fourth consecutive month with subnormal temperatures in Arkansas. However, the month averaged slightly warmer than in July. The warmest weather occurred during the first week, with the highest temperatures being recorded on the 3d or 4th at practically all stations. Comparatively cool weather prevailed between the 22d and 28th. Several stations reported minima of 48° on the morning of the 27th. There was about the normal amount of sunshine.

August precipitation averaged 88% of normal for the State, and was sufficient to maintain soil moisture in most sections. As would be expected where practically all the precipitation resulted from thundershowers, the rainfall was spotted and varied widely between nearby stations. In Phillips County, for example, Marvell measured only 0.46 inch while Helena reported over three inches. Similar instances of poor distribution occurred over much of the State.

Considering the three months of June, July, and August, this has been the wettest summer since 1928 and one of the wettest on record. Precipitation for the three months totaled 16.36 inches, an excess of almost five inches over normal. Rainfall for the first eight months of the current year has also been much above normal, totalling 50.38 inches for the State compared to a normal amount of 33.92 inches. Normal precipitation for the entire year in Arkansas is 47.92 inches.

All crops made good progress during the month. Cotton made favorable advancement although some nights were too cool for best growth. Picking was becoming quite general in the southern counties during the last week. Corn grew well, except in a few localities where soil moisture was becoming depleted. Most of the early planted corn matured during the month. Considerable hay was cut and stored. Rice made satisfactory progress and some was heading at the close of the month. Late truck crops were generally in good condition. Pastures continued in better than average condition for this time of the year.

TEMPERATURE

The mean temperature for the State as determined from the reports of 78 stations was 78.9°, which is 1.2° below the 55-year average for August. The highest monthly mean temperature was 81.7° at Pine Bluff and the lowest was 74.7° at Turnpike. The highest temperature recorded was 104° at Morrilton on the 3d and 4th. The lowest temperature was 48° which occurred at Mammoth Spring on the 26th, Brinkley on the 27th, and Lead Hill on the 28th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 103 stations, was 3.16 inches, which is 0.42 inch below the 55-year average for August. The greatest monthly total was 10.53 inches at Dermott and the least was 0.16 inch at Beaty Lake. The greatest amount recorded in a 24 hour period was 4.70 inches at Marshall on the 22d.

B. N. W.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:----4,5,6,7,11,14,15,16,17,18,19,20,21,22,23.
Hail:---18.
High Winds:---7,17,18,19,25.
Heavy Fog:---5,15,16,17,18,22,23,24,25.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.16	31	29.79	18	5.5	45	n.	18	87	61	59	76	0
Little Rock	30.21	31	29.85	17	5.7	26	w.	18	90	59	63	70	0
Memphis .	30.19	31	29.85	17	6.2	14†	sw.	6	91	58	64	76	0

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.3	106	47	4.39	0.0	9	13	11	7
1893	77.3	102	48	3.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.35	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	3
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	105	47	4.34	0.0	8	15	12	4
1904	78.1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.73	0.0	6	18	16	8
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	43	3.92	0.0	8	13	12	6
1911	78.0	107	45	8.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	3	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	43	4.10	0.0	8	16	7	8
1918	82.6	115	52	3.90	0.0	7	15	9	7
1919	80.6	113	55	4.29	0.0	7	16	8	7
1920	76.8	102	46	4.08	0.0	8	13	9	9
1921	81.5	106	56	5.46	0.0	8	15	9	7
1922	80.4	111	51	1.90	0.0	5	18	8	5
1923	81.9	109	49	2.43	0.0	4	18	8	5
1924	82.2	108	43	2.40	0.0	5	20	8	3
1925	80.3	108	47	1.81	0.0	4	22	7	2
1926	80.7	110	47	5.50	0.0	10	14	10	7
1927	76.6	105	43	6.01	0.0	10	12	10	9
1928	81.3	105	51	4.62	0.0	7	17	8	6
1929	80.8	110	41	1.29	0.0	3	22	7	2
1930	81.8	114	46	2.53	0.0	5	17	10	4
1931	76.7	103	42	4.71	0.0	9	15	9	7
1932	81.6	104	47	1.78	0.0	5	19	10	2
1933	79.1	101	49	4.42	0.0	8	12	11	8
1934	84.8	116	48	2.75	0.0	6	15	11	5
1935	82.0	113	46	1.74	0.0	4	18	9	4
1936	85.0	120	43	0.44	0.0	2	19	10	2
1937	82.3	111	55	3.45	0.0	7	15	10	6
1938	83.2	109	54	2.26	0.0	5	18	9	4
1939	80.2	107	49	2.50	0.0	6	16	11	4
1940	77.7	104	45	4.96	0.0	9	14	10	7
1941	80.7	107	50	3.94	0.0	9	12	13	6
1942	78.8	106	53	5.96	0.0	9	11	12	8
1943	84.6	113	48	1.03	0.0	3	21	8	2
1944	80.0	104	50	4.90	0.0	9	12	11	8
1945	78.9	104	48	3.16	0.0	6	15	10	6
Period	80.1	120	39	3.58	0.0	7	16	10	5

Climatological Data for August, 1945

Stations	Counties	Elevation	Lenght of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unsettled	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	8	78.0	......	96	3†	53	27	4.48	......	2.96	21-22	0.0	7	5	20	6	w.	L. R. Water Works
Arkadelphia	Clark	200	49	76.9	-4.0	99	13	51	27	6.03	+2.39	2.25	14-15	0.0	10	9	16	6	e.	W. H. Halliburton
Arkansas City	Desha	145	60	......	......	......	......	......	......	3.05	-0.44	1.71	7-8	0.0	9	22	2	7	......	John W. Trammell
Ashdown	Little River	329	1	80.4	......	98	3†	66	9†	3.43	......	1.96	5	0.0	4	20	8	3	......	J. F. Ferguson
Batesville Airway	Independence	363	9	78.2	-1.3	102	3†	52	27	2.90	......	1.90	13	0.0	4	14	13	4	nw.	Airway Observer
Batesville Livestk.	Independence	500	4	77.5	......	100	3	49	27	4.52	......	1.83	22-23	0.0	5	18	9	4	sw.	University of Arkansas
Batesville River	Independence	277	45	......	......	......	......	......	......	3.00	-1.12	2.01	13	0.0	4	9	14	8	......	C. M. Barnwell
Bee Branch	Van Buren	650	52	78.7	-1.3	99	3	51	27	1.96	-1.71	1.49	21-22	0.0	5	12	15	4	w.	Minnie Scanlan
Benton	Saline	285	9	76.2	......	98	4	51	27	3.21	......	1.18	15-16	0.0	7	24	5	2	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	75.6	-1.4	98	4	53	28†	2.58	-1.38	1.56	6	0.0	5	16	13	2	sw.	E. L. Brown
Bethesda***	Independence	500	5	77.3	......	99	3	49	27	4.38	......	2.29	22-23	0.0	4	19	8	4	nw.	Soil Cons. Service
Big Lake Outlet***	Mississippi	239	14	......	......	......	......	......	......	4.79	+2.10	2.20	6	0.0	6	19	6	6	......	N. W Douglas
Black Rock	Lawrence	259	43	......	......	......	......	......	......	2.34	-1.83	0.85	21-22	0.0	6	9	17	5	w.	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	4	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Ark. Forestry Com
Blytheville	Mississippi	252	19	78.0	-2.2	95	2	55	27	2.49	-1.55	0.85	5	0.0	6	22	7	2	s.	Maureen K Norris
Booneville 3 miles w	Logan	465	30	80.0	-2.5	102	4	57	28	2.74	-0.71	0.80	16	0.0	6	10	15	6	w.	F. H. Randolph
Boughton***	Clark	235	9	......	......	......	......	......	......	2.69	......	1.39	19	0.0	4	15	5	11	......	Katie B. Moore
Brinkley	Monroe	205	53	78.9	-1.5	99	3	48	27	0.60	-2.72	0.54	22	0.0	3	13	9	9	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	40	......	......	......	......	......	......	3.84	-0.54	1.44	22-23	0.0	6	11	8	12	......	William Jones
Camden	Ouachita	116	59	80.6	-0.2	101	4	56	27	7.10	+4.28	3.12	7	0.0	7	10	17	4	se.	J M. Knight
Camp Chaffee	Sebastian	419	1	80.3	......	100	4†	58	28	2.67	......	0.92	16	0.0	7	17	4	10	se.	U. S. Army
Camp Robinson	Pulaski	463	4	79.0	......	98	3†	56	27†	4.71	......	1.55	5	0.0	10	4	22	5	se.	U. S. Army
Clarendon	Monroe	172	40	......	......	......	......	......	......	3.20	-0.24	0.91	4	0.0	6	19	8	9	......	B F. Northern
Conway	Faulkner	309	61	80.3	-1.6	100	12†	55	27	1.50	-1.81	1.58	18	0.0	6	14	14	3	s.	E E. Cordrey
Corning	Clay	293	51	77.8	-0.8	96	2†	51	27	3.16	-0.44	1.41	14	0.0	5	23	0	8	nw.	Mrs. Laura Polk
Cotter	Baxter	440	17	......	......	......	......	......	......	0.64	-2.65	0.17	18	0.0	4	20	9	2	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	32	79.5	-2.1	99	3	56	27	4.60	+1.49	2.56	15	0.0	7	14	11	6	s.	U. S Forest Service
Cummins Farm***	Lincoln	176	1	79.0	......	101	4	56	27	3.40	......	1.90	21	0.0	5	15	12	4	s.	T. C. Cogbill
Danville	Yell	327	28	......	......	......	......	......	......	2.63	-0.44	1.46	22-23	0.0	7	13	7	11	......	J. A. Moudy
Dardanelle	Yell	330	58	80.4	-0.7	100	4	58	28	3.29	-0.25	1.67	21-22	0.0	7	4	18	9	s.	Geo. N. Goodier
DeQueen	Sevier	426	9	78.6	......	97	4	62	25	6.14	......	2.08	15	0.0	8	8	18	5	......	L. D. McCowan
Des Arc	Prairie	204	6	79.6	......	98	3†	51	27	1.84	......	0.89	21	0.0	5	7	5	19	se.	Z. R. Glenn
Devils Knob***	Johnson	2350	8	76.2	......	95[b]	4	59[b]	23	2.47	......	0.98	6	0.0	5	21	6	4	sw.	U. S. Forest Service
Dumas	Desha	162	39	80.4	-1.5	101	4	54	27	5.55	+2.31	2.45	14-15	0.0	7	4	18	9	ne.	Ben Johnson
El Dorado	Union	270	44	78.0	-4.3	99	3	60	27	3.00	-0.18	1.80	23	0.0	6	5	20	6	ne.	Airway Observer
England	Lonoke	229	38	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	O. V. Halbrook
Eureka Springs	Carroll	1465	44	78.4	-0.4	99	4	57	24	1.64	-3.04	1.18	22	0.0	3	27	2	2	se.	Geo. W. Nichoalds
Fayetteville	Washington	1334	7	77.0	......	97	4	55	25†	1.97	......	1.14	6	0.0	6	5	17	9	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	57	75.8	-2.8	97	4†	50	28	2.43	-1.48	0.72	6	0.0	5	14	14	3	sw.	University of Ark.
Fordyce	Dallas	280	4	81.2	......	100	1†	56	27	2.87	......	1.85	6-7	0.0	6	2	28	1	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	63	80.6	+0.1	101	4	62	28	2.78	-0.50	1.03	16	0.0	8	13	9	9	e.	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	7	......	......	......	......	......	......	2.13	......	0.77	21	0.0	8	22	3	6	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	......	......	......	......	......	......	7.28	+4.56	2.78	7	0.0	9	11	11	9	......	Ina J. Logan
Garland	Miller	225	2	......	......	......	......	......	......	2.03	......	0.56	7	0.0	6	13	0	18	......	L. D. Denney
Georgetown, 2 mi. se	White	200	32	......	......	......	......	......	......	2.96	-0.46	2.42	5-6	0.0	7	23	0	8	......	J. S. McDonald
Gilbert	Searcy	600	19	77.0	......	99	4†	53	28	3.10	-0.74	2.80	21-22	0.0	5	9	20	2	s.	D O. Dennis
Glenwood	Pike	547	9	......	......	......	......	......	......	6.66	......	2.62	22-23	0.0	11	16	3	12	......	C. A. Price
Grannis	Polk	950	25	78.0	-1.7	100	3	59	27	7.36	+4.12	2.41	3	0.0	9	14	8	9	se.	W. E. McVay
Gravette	Benton	1250	47	75.4	-2.8	95	5	52	25	2.47	-1.54	1.53	6	0.0	6	20	9	2	sw.	J. A. Schmidt
Green Monntain***	Stone	1100	7	79.2	......	99	3	59	24†	3.13	......	1.75	21-22	0.0	5	11	16	4	se.	U. S. Forest Service
Harrison	Boone	1052	44	77.0	-0.8	97	3	50	28	1.19	-2.35	0.78	18	0.0	2	24	4	3	sw.	J. M. McGaughey
Helena	Phillips	300	72	79.0	-1.7	95	4	58	27	3.21	-0.32	1.76	4-5	0.0	8	15	8	8	sw.	James A. Burnett
Hope 3 miles e.	Hempstead	375	74	79.7	-2.2	99	3†	60	27	4.84	+1.59	2.05	6-7	0.0	9	10	15	6	e.	Univ. of Arkansas
Hot Springs	Garland	600	52	80.6	-1.1	101	4†	55	27	6.80	+3.15	2.25	22	0.0	8	15	10	6	w.	National Park Service
Index***	Little River	275	27	......	......	......	......	......	......	1.60	-1.10	0.95	7	0.0	3	19	0	12	......	W. E. McDowell
Jessieville	Garland	750	18	......	......	......	......	......	......	4.70	+0.97	1.85	21	0.0	7	16	8	7	sw.	U. S. Forest Service
Jonesboro	Craighead	345	49	79.6	-0.7	99	2†	54	27	2.80	-0.66	1.31	6	0.0	4	12	12	7	sw.	Benedictine Sisters
Lead Hill	Boone	650	38	78.4	-0.7	102	4†	48	28	0.79	-3.09	0.35	22	0.0	4	23	6	2	sw.	F. W. Kellogg
Little Rock	Pulaski	257	65	80.0	+0.2	99	3	59	27	2.99	-0.76	1.34	22	0.0	8	10	12	9	sw.	U.S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	46	79.8	-0.2	99	3†	56	27	0.85	-2.90	0.29	18	0.0	6	19	9	3	s.	Mrs H. G. Lenhardt
Madison	St. Francis	209	14	......	......	......	......	......	......	0.60	-2.82	0.45	6	0.0	2	7	8	16	......	J W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	79.8	-2.9	96	3†	60	26†	1.45	-1.08	1.02	7	0.0	3	6	23	2	se.	State Agr. School
Mammoth Spring	Fulton	600	40	76.7	-1.3	99	3†	48	26	3.19	-0.91	1.88	23	0.0	3	15	10	6	w.	L. A. O'Neal
Marianna	Lee	235	33	78.4	-2.2	96	4	52	27	0.85	-2.02	0.57	5	0.0	4	22	5	4	sw.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	79.3	-0.4	97	2†	55	27†	0.44	-3.16	0.20	22	0.0	4	26	4	1	s.	Chas. Walton
Marshall	Searcy	1050	26	......	......	......	......	......	......	5.95	+0.63	4.70	22	0.0	3	......	......	......	......	Roy Richardson
Mena	Polk	1207	56	78.5	-1.7	99	4	58	28	4.92	+0.72	1.58	6-7	0.0	10	11	13	7	sw.	E. W. St. John
Monticello	Drew	273	4	80.0	......	98	3	60	27	2.64	......	0.99	20-21	0.0	8	13	13	5	n.	Airway Observer
Morrilton***	Conway	315	28	79.8	-1.9	104	3†	54	27	1.85	-1.03	0.65	22-23	0.0	7	7	14	10	n.	Mrs. Nova Berry
Mountainburg	Crawford	712	7	......	......	......	......	......	......	2.61	......	1.06	22	0.0	7	18	4	9	s.	C. A. Lovell
Mountain Home***	Baxter	800	32	77.3	-1.3	100	13	50	28†	1.60	-2.27	0.80	14†	0.0	3	23	4	4	w.	H. N. Halbert
Mountain Valley	Garland	788	7	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Mount Ida, 2 mi. e	Montgomery	702	45	77.6	-2.0	98	4†	55	28	7.48	+4.06	1.92	22	0.0	8	14	10	7	sw.	J. S. Whittington
Mulberry 6 mi. n***	Franklin	433	6	......	......	......	......	......	......	1.70	......	0.94	21-22	0.0	6	20	5	6	......	H. G. Arvin
Nashville	Howard	350	6	79.8[c]	......	100	4	61[c]	27	4.29	......	1.22	22-23	0.0	8	24	0	7	e.	Carter Day
Newport	Jackson	231	61	81.0	+0.6	101	2†	54	27	2.04	-1.42	0.75	22-23	0.0	7	10	7	14	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	3	78.2	......	100	4†	54	27	4.36	......	2.00	22-23	0.0	9	17	4	10	sw.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	17	79.6	......	99	4	58	23	4.08	+0.91	1.00	21	0.0	9	12	7	12	sw.	U. S. Forest Service
Okay	Howard	288	16	80.0	-2.8	98	3†	59	26†	1.79	-0.77	0.84	15-16	0.0	6	14	13	4	ne.	Charles R. Jackson
Osceola	Mississippi	250	44	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	G. M. Serey
Ozark	Franklin	396	49	79.8	-2.4	101	13	57	28	1.73	-1.98	1.30	21-22	0.0	4	6	10	15	se.	Orkney O. Milton
Paragould	Greene	275	21	78.4	......	97	2†	52	27	2.42	-1.42	2.08	6	0.0	7	23	6	2	e.	J. E. Garrett
Parkin, 2mi. w	Cross	222	14	......	......	......	......	......	......	2.96	-0.21	1.96	22	0.0	2	9	14	8	......	Carroll King
Perryville	Perry	325	5	79.8	+0.2	99	4†	52	27	3.26	-0.79	1.52	21	0.0	6	15	14	2	w.	Gordon Bennett
Pine Bluff	Jefferson	215	57	81.7	-0.4	101	4	62	27	5.09	+2.18	2.83	6-7	0.0	7	11	17	3	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	......	......	......	......	......	......	6.95	+4.30	1.58	7†	0.0	9	12	11	8	w.	J. R. Huddleston
Pocahontas	Randolph	300	51	80.3	+0.6	101	13	53	27	1.17	-3.26	0.86	22-23	0.0	4	15	12	3	e.	Benedictine Sisters
Portland	Ashley	122	38	80.3	-1.1	97	3†	58	27	3.75	+0.59	1.15	20-21	0.0	10	21	3	7	s.	Mrs. Pearl Newton
Prescott	Nevada	318	56	80.8	-1.3	100	4	59	27	2.14	-1.02	1.01	16	0.0	6	12	13	6	n.	O. J. Stephenson
Rogers	Benton	1300	54	76.1	-1.7	98	4	53	28	3.00	-0.71	1.30	6	0.0	5	17	10	4	sw.	Howard Fowler
Russellville	Pope	526	32	79.8	-0.6	100	13	56	28	3.86	+0.32	1.49	14	0.0	5	6	18	7	e.	U. S. Forest Service
St. Charles	Arkansas	175	11	79.8	......	100	3	53	27	4.76	......	2.76	5	0.0	7	13	12	6	e.	U. S. Bio. Survey
St. Francis	Clay	290	17	......	......	......	......	......	......	3.27	-0.71	1.68	14	0.0	3	23	0	8	......	Wm. S. Buckley
Searcy	White	245	34	81.2	+0.5	102	3†	53	27	3.01	-0.62	0.99	22	0.0	7	22	4	5	se.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	4	78.2	......	98	3†	52	27	2.33	......	0.70	22-23	0.0	7	8	22	1	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	4	76.4	......	97	4	51	28	2.32	......	1.28	6	0.0	6	16	9	6	s.	John Brown Univ.
Story	Montgomery	650	20	......	......	......	......	......	......	4.59	+1.78	1.40	5	0.0	7	21	6	4	s.	S. C. Story
Stuttgart	Arkansas	214	57	80.4	-0.5	99	4	57	27	2.08	-1.37	0.58	19-20	0.0	8	20	6	5	s.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	9	79.6	......	97	4	57	27	1.36	......	0.92	21	0.0	8	......	......	......	......	University of Ark.

Climatological Data for August, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	46	81.1	– 1.1	102	13	58	29	2.93	–0.63	0.81	14	0.0	6	19	6	6	s	New Subiaco Abbey
Texarkana	Miller	332	60	80.8	– 1.5	99	4	63	25	1.63	–1.74	1.01	7	0.0	7	7	12	12	e.	U. S. Weather Bureau
Turnpike***	Pope	2240	20	74.8	......	93	3†	55	24	1.99	–1.86	0.99	17–18	0.0	7	10	13	8	sw.	U. S Forest Service
Waldron	Scott	675	25	78.3	......	99	4†	58	10†	3.19	+0.16	1.46	22–23	0.0	6	6	22	3	se.	William D Bivens
Warren	Bradley	206	50	80.8	– 1.1	99	4	57	27	4.11	+0.80	0.98	20–21	0.0	7	17	7	7	ne.	C. N Turner
Whitecliffs	Little River	290	38	....	......	......	......	......	......	1.17	–1.70	0.98	16	0.0	2	19	8	4	......	L. M. Snead
White Rock***	Franklin	2285	8	76.2	......	97	4	58	24	2.80	......	1.25	14–15	0.0	6	22	5	4	se.	U. S. Forest Service
Wilson	Mississippi	237	19	78.3	– 1.2	96	2†	51	27	2.01	–1.33	0.83	6	0.0	4	21	1	9	se.	D. O. Anderson
Wynne	Cross	167	36	....	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Mrs. C. A. Ford
State Means	....	....	..	78.9	– 1.2	104	3†	48	26†	3.16	–0.42	4.70	22	0.0	6	15	10	6	sw.	

Daily Precipitation for August, 1945

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas											.16	.11			.13	.04	.47		.73		T.		.31									1.95
Alum Fork Reser.	Arkansas					T.	T.	.56							.42	.03			T.	.25		.22	2.78	.22									4.48
Aplin[2]	Arkansas							.08								.07			.02	1.12		.23	1.62	.57									3.71
Arkadelphia[2]	Ouachita						.19	.62	.09							1.92	.33	.43		.65		.08	.09	1.63	T.								6.03
Arkansas City[2]	Mississippi					.04		.41	1.71								.08			.21		.24	.04	.25	.07								3.05
Ashdown	Red					1.96		1.03				.42				.02													T.				3.43
Augusta[2]	White					.09		.33								T.				.02			.77	2.12	T.								3.33
Batesville Air'y[3]	White													1.90								.47	.39	.14									2.90
Batesville Livestk[2]	White					.40									.11	.87							1.31	1.83									4.52
Batesville River[2]	White														2.01								.44	.49	.06								3.00
Beaty Lake	St. Francis					T.	.08												T.		T.	T.	T.	.08									0.16
Beaver[2]	White							.49								.03		T.					.32	.34									1.18
Bee Branch	Arkansas				T.	.13	T.								.06		.10						1.49	.18									1.96
Beech Grove[2]	White																.13			.61		.12	.14	T.									1.00
Beedeville[2]	White					T.		.10								T.								.20	2.76	.01							3.07
Benton[2]	Saline						.12	.53								.29	1.18			.94		.09		.06									3.21
Bentonville[2]	Arkansas							1.56					T.			.51		.31		.02				.18									2.58
Bethesda[2]	White					.17										.55							1.37	2.29									4.38
Big Flat[2]	White																																....
Big Lake Outlet[2]	St. Francis							2.20				.30	.32			.15		T.		T.				1.72	.10								4.79
Black Rock[2]	White				.20	.20													.20				.85	.26	.63								2.34
Bluff City	Ouachita																																....
Blytheville[2]	St Francis					.85	.23					.06	T.			.24							.53	.58	T.								2.49
Booneville 3 mi. w	Arkansas											.77			.78		.80		.11			.25	.03										2.74
Booneville[2]	Arkansas							.03				.05	1.15		.48			1.10		.04		.30	.33										3.48
Boughton[2]	Ouachita							.44										.61			1.39				.25								2.69
Bradford[2]	White				.04			T.								.50			.15	.19			1.15	1.89									3.92
Brinkley[1]	White					T.	T.	T.								T.			.03			.03	.54	T.	T.								0.60
Burdette	Mississippi						.69	1.17			.02	.65	.39											.87									3.79
Calico Rock[2]	White					.53										.18			.84	T.			.85	1.34	.10								3.84
Camden[2]	Ouachita							1.80	3.12									.58		.10		.08	.39		1.03								7.10
Camp Chaffee[2]	Arkansas							T.				T.	.39			.13		.92		.83		.03	.35	.03	T.								2.67
Camp Robinson[1]	Arkansas				.48	1.55	.28	.07								.15		.20	.10			.89	.96	.03									4.71
Carlisle[2]	Arkansas						.46													.70		.78											1.94
Clarendon[2]	White					.91		.05												.52		.77	.90	.05	T.								3.20
Cold Springs[2]	Ouachita										T.	.47				1.11	.11	.28		.42				.50	.15								3.04
Conway	Arkansas														.13				1.58		.25	.39	.13	.02									1.50
Corning[2]	White						.27									1.41				.48			.90	.10									3.16
Cotter[2]	White						T.									T.				.17		.16	.14	.17									0.64
Crossett	Ouachita														.15	2.56				.19	.76	.54	.30	.10									4.60
Crystal Valley[2]	Arkansas																																....
Cummins Farm	Arkansas					T.		.20						T.	.60						.40	1.90	.30	T.									3.40
Danville[2]	Arkansas												T.			.18	.25			.01	.02		.51	1.46	.20								2.63
Dardanelle[2]	Arkansas							.05								.05			.97	.02			.67	1.00	.53								3.29
De Queen	Red							1.32				.31				2.08	1.12		.15			.81	.14	.21									6.14
Dermott[2]	Mississippi					.25		.11	3.27						.10	1.11	.79			.16	2.37	1.27	.11	.44	.55								10.53
Des Arc[2]	White					T.	.42	.26												.10		T.	.89	.17									1.84
Devils Knob	Arkansas					.04	.98								.40						.10		.95										2.47
Dumas	Mississippi			T.	T.	.27		1.03						.40	1.05	1.40					.13	1.27	T.	T.									5.55
Eagle Gap[2]	Arkansas						.09	1.40				.04	.81			1.30	T.	.14		.95		.23	.01	1.37	T.								6.34
El Dorado[2]	Ouachita							.20									.10			.45	.20	.25		1.80									3.00
Eleven Point[2]	White				T.									T.		.30			1.01				.59	T.	.17								2.07
England	Arkansas																																....
Eureka Springs	White						.38								.08								1.18										1.64
Evening Shade[2]	White						T.									T.							.89	1.42	.42								2.73
Fayetteville	White						1.14	T.			T.	.01			.16	.03	T.		.30	T.		T.	.33	T.									1.97
Fayetteville Exp. 8	White						.72				T.	T.			.71		.07	T.	.41		T.	T.	.52	T.	T.								2.43
Fordyce	Arkansas							1.85								.30	.10		.20			.20	T.		.22								2.87
Forester[2]	Arkansas					.20		.40				.90				.30	.05	.20	T.	T.		.13	.20	3.05									5.43
Fort Smith[1]	Arkansas						.26					.48			.01		1.03		.62	.07	.11	.20	T.										2.78
Fort Smith W.[2]	Arkansas							.30					.06			.33	.05			.22		.25	.77	.15									2.13
Fulton[2]	Red		T.				T.	1.16	2.78				.03			T.	.07	.71		.08		.09		.09	2.27				T.	T.	T.		7.28
Garland[2]	Red								.56				.55							.24		.11	.18		.39								2.03
Georgetown[2]	White					.13	2.00	.42												.03			.13	.03	.22								2.96
Gilbert[2]	White							.15								.05				.10			.25	2.55									3.10
Glenwood[2]	Ouachita						.43		.19				.21			.22	1.05	.55		.53		.13	.73	1.49	1.13								6.66
Grannis	Red					T.		2.41				.48				1.82	1.05		.28	.10		.47	.43	.32									7.36
Gravelly[2]	Arkansas							.37					.30			.90	1.25	.30		.93		T.	.12	1.43	.35								5.95
Gravette	Arkansas						1.53					.07			.28		.29		.21					.09									2.47
Green Forest	White						.15					.03			.29			T.	.01														0.48
Green Mountain	White					.53									T.	.20			.50				1.75	.15									3.13
Greenwood[2]	Arkansas											.05	.22			2.21		.47		.85			.72										4.52
Harrison	White						T.												.78				.41										1.19
Helena[2]	Mississippi					.12	1.64	.03	.04			.18								.22			.96		.02								3.21
Henderson[2]	White															.92							.72	.28									1.92
Hollis	Arkansas																																....
Hope[2]	Red						.21	.19	1.86				.01			T.	.26	1.40		.13		T.	T.	.76	.02								4.84
Hot Springs	Ouachita					.17	.25	.48				T.			T.	T.	.06		1.19		T.	.24	2.25	2.16									6.80
Huttig[2]	Ouachita								T.							.18	.35			.04		.77	.35	.33									2.02
Index[2]	Red								.95															.40	.25								1.60
Jessieville	Ouachita						.38	.45							.22	.15				.10		1.85		1.55									4.70

Daily Precipitation for August, 1945 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jonesboro[2]	White							1.31								T.				.52				.92	.05								2.80
Lake City[2]	St. Francis						.10					.18							.10						1.00								1.38
Lead Hill	White					.08	.07										T.		.29			T.	.35										0.79
Little Rock[1]	Arkansas				.05	.07	.02	.02							T.	1.03		T.	.08			.38	1.34	T.									2.99
Lutherville	Arkansas						.10	.04							.24				.29			.05	.13										0.85
Madison[2]	St. Francis							.45																.15									0.60
Magnolia	Red							1.02									.05					.38											1.45
Mammoth Spg[2]	White														.25								1.88	1.06									3.19
Marianna[2]	St. Francis						.57	.15								T.				.05			.08										0.85
Marked Tree[2]	St. Francis							.11								.08							.05	.20									0.44
Marshall[2]	White							.70															.55	4.70									5.95
Marvell[2]	White						.17	.16															.13										0.46
Melbourne[2]	White			T.												.30			.06				.36	.82	.66								2.20
Mena[2]	Ouachita							1.58					1.08			.01	.10	.52		.84		.09	.03	.40	.27								4.92
Monticello[1]	Ouachita							.50	.13						.28	.05			.40		.70	.29		.29									2.64
Morobay[2]	Ouachita					.59			.93							.04	.28	.02		.04		.15	.18	.17									2.40
Morrilton[2]	Arkansas							.40										.10	T.	.10		.10	.50	.05	.60								1.85
Mountainburg	Arkansas							.41	T.				.03			.53	.04			.27			.27	1.06									2.61
Mountain Home	White				T.										.60	.20			T.				.80										1.60
Mountain Valley	Ouachita																																
Mountain View[2]	White		.25												.90				.56				.75	.83	.02								3.31
Mount Ida	Ouachita							1.43				.41				.39	.80		1.18			.45	1.92	.90									7.48
Mulberry[2]	Arkansas							T.				.45				.05		T.		.04		.22	.65	.29									1.70
Nashville	Red					.94		.14								.63	.73		.57			.06	1.18	.04									4.29
Newhope[2]	Ouachita																																
Newport[2]	White					.05		.30								.20			.62				.12	.65	.10								2.04
Nimrod Dam[2]	Arkansas						.60	.07								.09	.25		.25			.10	.90	2.00	.10								4.36
Odell[2]	Arkansas							.13			.15					.80	1.22			.47			.31	.06									3.14
Oden	Ouachita					T.	.33					.62				.21	.32		.20		.10	1.00	.75	.55									4.08
Okay	Red					T.		.40				.03				.40	.44			.50				.02									1.79
Osceola[2]	Mississippi																																
Ozark[2]	Arkansas							.09				T.	.34									T.	1.05	.25									1.73
Paragould	St. Francis						2.08								T.	.06			.06	.02		.02	.05	.13									2.42
Parkin[2]	St. Francis																						1.00	1.96									2.96
Perryville[2]	Arkansas						.05													1.08		.28	1.52	.03	.30								3.26
Pine Bluff[2]	Arkansas					.08		2.52	.31								.30			1.52		.34		.02									5.09
Pine Ridge[2]	Ouachita							1.58				.12	.53			.62				.46		.41	.38	1.27	1.58								6.95
Pocahontas	White																		.07				.24	.83	.03								1.17
Portland[2]	Ouachita					T.			.44						.25	.21	.20			.15	.29	.98	.17	.86	.20								3.75
Prescott[2]	Ouachita							.03	.29								.24	1.01		.34			T.	T.	.23								2.14
Ratcliff[2]	Arkansas																																
Red Star	White						.83	.04				.05			.99				.24			.08	.19										2.42
Rogers	White						1.30				T.				.96		.38		.06				.30										3.00
Rosebud	Arkansas																																
Russellville	Arkansas						.02								1.49				1.12				.65	.58									3.86
St. Charles	White				.08	2.76		.72						.02	T.	1.07			.01			.10											4.76
St. Francis[2]	St. Francis							.46					T.			1.68							1.13										3.27
Searcy[2]	White					.69	.17	.03												.77			.33	.99	.03								3.01
Sheridan	Ouachita					.15	.07	.42								.32				.60		.07		.70									2.33
Shirley[2]	White																																
Siloam Springs	White						1.28				T.	T.			.05		.40		.09	.27			.23										2.32
Sparkman	Ouachita																																
Stamps	Red						T.	.35				T.				T.	.13			.09	.01	.02		.02	T.				T.				0.62
Stephens[2]	Ouachita						T.	1.45				T.				.14	.91			.04	.36	.78		.86									4.54
Steve[2]	Arkansas																																
Story[2]	Ouachita						1.40	1.36								.29	.32		.22		.27			.63									4.49
Stuttgart[2]	Arkansas					.08		.29	.14							.05	.31			.32	.58		.31										2.08
Stuttgart Evap	Arkansas				.17	.02		.08							.02	.06			.07			.92	.02										1.36
Subiaco[2]	Arkansas												.62			.81				.60		.32	.48	.10									2.93
Sugar Grove[2]	Arkansas						T.					.09	.38			.86	.43	.25		1.20				.96									4.17
Texarkana[3]	Red							1.01				.18				T.	.01		.01	.08			T.	.32					.02	T.			1.63
Tichnor[2]	White				.50	.36	.20	1.66												.35			1.01										4.08
Turnpike	Arkansas				.07		.12								.15			.89	.10		.41		.25										1.99
Viola[2]	White					T.							T.			.45			.10	T.				1.06									1.61
Waldron[2]	Arkansas												.87			.13		.20		.53				1.38	.08								3.19
Walnut Grove	White														.10				1.88				2.47	.22									4.67
Warren	Ouachita				.64	T.		.91								.75	T.			.81	.28	.70	.02	T.						T.			4.11
Whitecliffs[2]	Red							T.									T.	.98		.19													1.17
White Rock	Arkansas						.17					.17			1.10	.15	T.		.19				1.02										2.80
Wilson[2]	Mississippi							.80					.19										.25	.77									2.01
Wynne	St. Francis																																

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for August, 1945

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.295	.192	.445	.152	.333	.163	.322	.250	.156	.315	.066	.335	.498	.159	.484	.186	.332	.127	.334	.191	.362	.254	....	.002	.201	.376	.206	.129	.240	.328	.109	7.543
	Mean tem.	82	84	84	82	84	80	80	72	72	72	76	82	80	85	80	78	78	78	79	76	77	74	66	71	72	73	67	74	76	78	78	77.3
	Wind move	41	37	41	20	13	32	49	50	28	32	19	29	33	47	50	37	23	23	29	33	37	41	65	36	19	20	37	28	32	27	14	1022
Hope, Exp. Farm	Evap.	.209	.227	.276	.273	.223	.205	.152	.147	.228	.205	.126	.084	.227	.251	.119	.210	.179	.169	.187	.205	.179	.064	.170	.121	.152	.192	.215	.194	.130	.102	.206	5.627
	Mean tem.	82	84	86	86	86	84	84	76	74	76	74	83	86	84	80	78	82	84	80	78	78	78	76	74	75	76	74	76	80	82	80	79.7
	Wind move	17	15	20	20	7	14	21	16	24	10	13	14	10	10	30	17	11	11	15	11	7	4	11	24	15	4	9	8	5	2	3	398
Nimrod Dam	Evap.	.266	.268	.290	.290	.244	.140	.108	.216	236	.216	.184	.180	.186	.302	.178	.031	.117	.262	.157	.203	.192	.100	.010	040	.178	.234	.216	.226	.214	.230	.282	5.996
	Mean tem.	83	84	84	85	83	80	80	75	73	73	76	82	85	85	78	80	81	81	78	77	74	76	69	74	76	74	70	72	76	80	81	78.2
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Russellville	Evap.	.242	.264	.270	.280	.258	.116	.192	.246	.220	.230	.200	196	.234	.200	.096	.194	.192	.238	.236	.202	.158	.110	.010	.134	.200	.246	.194	.202	.200	.214	.248	6.222
	Mean tem.	84	83	84	86	83	81	82	77	74	78	81	84	84	86	81	80	82	81	78	78	79	76	70	73	74	80	72	74	82	82	85	79.8
	Wind move	11	10	13	13	10	11	16	17	15	13	15	10	9	12	8	12	10	14	19	11	10	12	10	7	8	14	12	12	10	9	14	367
Stuttgart, Rice Exp. Farm	Evap.	.239	.212	.203	.243	.066	.176	.071	.125	.208	.126	.219	.202	.327	.220	.164	.014	.215	.190	.181	.211	.118	.116	087	.048	.159	.276	.153	.175	.176	.191	.188	5.299
	Mean Tem.	84	84	86	82	82	80	80	76	77	80	82	82	84	80	82	80	80	82	78	78	78	74	72	76	74	76	74	78	82	84	84	79.7
	Wind move	5	15	5	40	20	30	20	20	10	5	10	10	60	30	25	15	14	30	23	33	25	20	20	35	10	35	20	10	40	10	25	670

Daily Temperatures for August, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	95	95	96	96	94	89	88	88	85	88	90	95	96	93	84	86	93	94	89	90	87	86	76	83	89	87	84	89	90	91	92	89.6
	Minimum	70	70	70	72	70	70	69	65	62	65	70	63	70	71	71	70	68	69	62	63	67	66	66	63	59	62	53	62	67	67	65	66.4
Arkadelphia /	Maximum	95	96	98	98	96	91	86	86	87	89	88	91	99	95	85	86	94	91	92	92	89	89	69	77	82	84	82	85	85	87	96	89.0
	Minimum	69	70	69	70	72	71	71	65	61	60	63	65	70	70	70	69	67	68	62	63	64	67	64	60	55	58	51	54	60	65	66	64.8
Ashdown	Maximum	95	96	98	98	98	89	86	84	84	89	88	94	96	96	85	85	91	90	90	88	87	81	79	80	82	83	85	90	91	92	92	89.1
	Minimum	74	77	78	78	78	74	74	68	66	67	71	71	76	75	75	74	72	69	69	71	72	70	66	67	68	68	68	68	72	73	72	71.6
Batesville Air	Maximum	101	100	102	98	100	97	96	86	89	92	97	102	98	99	91	91	96	95	93	93	92	83	70	86	92	84	89	93	96	97	98	93.4
	Minimum	69	67	68	69	67	66	64	59	53	55	65	64	69	68	65	62	59	61	60	57	67	68	65	60	60	60	52	57	63	67	65	62.9
Batesville, Livestk	Maximum	96	98	100	95	98	91	91	85	88	92	94	99	95	99	90	88	94	95	93	94	91	82	69	84	89	81	85	91	92	94	94	91.2
	Minimum	71	73	71	71	70	69	70	60	56	56	66	66	69	72	71	64	62	63	65	59	59	68	64	57	57	57	49	54	61	65	63	63.8
Bee Branch	Maximum	94	95	99	97	94	87	90	89	89	90	91	94	97	97	94	90	95	94	94	94	91	87	73	86	90	87	87	90	92	95	93	91.5
	Minimum	71	73	73	75	72	76	74	65	60	58	68	75	69	70	69	70	64	62	61	61	68	69	66	58	58	64	51	54	62	66	62	65.9
Benton /	Maximum	92	93	97	98	93	90	88	84	85	87	92	93	92	94	83	86	91	92	90	90	86	87	72	82	83	88	85	90	90	92	91	88.9
	Minimum	67	68	67	68	69	70	69	62	59	60	61	63	64	63	69	70	66	69	61	61	64	68	67	64	58	57	51	53	58	65	61	63.6
Bentonville /	Maximum	93	94	97	98	97	79	85	83	83	82	85	92	95	81	87	85	93	89	90	89	88	74	80	85	88	89	91	89	94	96	94	88.5
	Minimum	68	66	67	67	68	73	65	58	60	59	63	67	65	67	66	67	66	68	61	60	62	64	59	54	55	56	59	53	53	65	67	62.8
Bethesda /	Maximum	95	98	99	95	98	93	90	85	87	89	96	98	96	98	90	94	94	95	93	94	91	82	70	84	89	89	85	92	92	93	95	91.6
	Minimum	69	70	69	69	70	68	70	60	56	55	66	66	64	72	70	63	62	62	65	57	63	67	63	58	56	57	49	53	59	63	61	63.0
Bluff City	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Blytheville	Maximum	93	95	94	92	93	89	85	80	83	87	85	90	91	93	88	83	87	87	88	89	89	82	73	78	85	75	85	90	91	93	93	87.3
	Minimum	74	77	74	75	74	75	73	63	63	67	73	74	74	74	74	66	66	61	69	69	71	71	64	65	62	60	55	63	65	71	72	68.8
Booneville	Maximum	97	97	99	102	100	91	95	89	91	90	90	98	98	96	86	85	95	95	91	92	89	83	78	91	91	90	89	92	94	93	97	92.4
	Minimum	72	69	69	70	74	70	74	65	68	61	66	71	70	73	74	73	70	68	67	65	68	70	69	61	59	61	62	57	67	65	68	67.6
Brinkley	Maximum	95	98	99	98	95	94	92	86	89	93	95	96	98	98	92	93	94	96	94	93	91	89	74	80	91	86	89	94	95	97	97	92.6
	Minimum	74	75	71	75	71	72	67	62	59	60	70	66	70	72	66	61	62	69	65	64	69	66	66	59	56	60	48	57	64	64	61	65.2
Camden	Maximum	85	98	100	101	97	96	91	87	86	92	95	97	99	98	88	90	95	98	96	92	89	81	81	82	92	91	90	94	96	95	97	92.5
	Minimum	71	72	73	74	74	72	68	69	62	64	70	70	72	73	74	71	71	71	66	66	69	69	70	65	62	61	56	64	73	70	69	68.7
Camp Robinson	Maximum	95	96	98	98	96	91	88	84	85	89	89	94	96	95	85	85	91	93	90	90	86	88	73	82	88	84	86	89	91	92	93	89.7
	Minimum	73	74	78	75	72	71	72	67	66	64	66	70	73	74	74	70	67	69	66	66	69	70	66	65	62	63	56	56	68	68	65	68.2
Conway	Maximum	96	98	99	99	96	94	92	89	90	93	93	100	100	96	92	90	98	93	94	92	89	87	75	86	92	89	90	94	95	96	96	93.0
	Minimum	72	72	72	74	72	70	73	66	62	65	66	69	73	73	74	70	67	68	65	65	70	69	65	65	61	63	55	58	67	70	66	67.6
Corning	Maximum	95	96	96	92	96	92	87	82	86	89	93	96	94	96	87	86	91	89	89	90	90	81	74	82	90	84	80	91	93	94	94	89.5
	Minimum	71	73	72	73	73	72	70	61	59	61	71	71	70	70	71	66	66	67	67	66	67	71	61	61	58	57	51	57	62	67	66	66.1
Crossett	Maximum	96	94	99	98	95	95	88	86	85	92	93	94	97	95	92	90	92	92	92	90	83	81	89	76	87	90	90	93	95	93	95	91.2
	Minimum	68	71	71	74	73	72	73	70	61	62	67	69	71	70	70	70	72	66	68	65	68	68	71	68	61	59	56	65	72	68	64	67.8
Cummins Farm	Maximum	93	95	97	101	92	92	89	82	85	90	91	91	94	92	84	89	90	93	89	88	86	89	81	74	88	85	85	89	89	93	93	89.3
	Minimum	71	72	73	76	73	73	73	69	63	69	71	69	72	72	73	70	68	69	66	67	70	70	71	64	61	63	56	61	70	68	65	68.6
Dardanelle	Maximum	96	96	98	100	97	89	93	92	88	88	90	97	99	98	87	89	97	94	93	93	91	85	83	86	91	91	87	92	94	96	95	92.4
	Minimum	74	72	72	73	73	73	73	67	63	63	67	72	72	77	74	73	69	70	67	65	70	70	68	61	61	63	59	58	67	70	69	68.5
De Queen	Maximum	94	95	95	97	94	94	90	84	94	82	84	94	94	92	88	84	90	90	86	86	85	83	78	82	85	86	84	85	87	90	90	88.5
	Minimum	71	69	71	69	74	71	71	69	63	63	69	69	73	74	71	71	70	70	68	68	68	69	69	65	62	63	63	65	73	72	67	68.7
Des Arc	Maximum	96	97	98	98	93	91	89	88	92	91	93	95	96	97	91	91	92	90	92	92	90	89	88	80	89	87	87	89	94	95	96	91.8
	Minimum	73	73	71	75	72	71	73	66	60	62	70	70	73	73	73	65	66	70	66	65	69	67	66	64	59	64	51	59	66	68	65	67.3
Devils Knob	Maximum	90	92	94	95	93	80	82	79	80	81	82	91	94	88	..	..	89	89	86	86	80	72	70	79	85	85	88	85	89	80	90	85.3
	Minimum	70	70	74	76	73	66	66	60	62	65	66	66	75	67	..	..	67	68	66	74	65	66	59	60	64	65	60	64	68	71	72	67.1
Dumas	Maximum	97	99	100	101	98	94	87	85	89	92	94	95	95	99	84	90	92	95	90	89	87	88	89	74	88	89	88	90	93	94	95	91.6
	Minimum	72	74	74	77	74	72	73	69	63	65	65	72	72	72	72	72	70	70	68	67	70	70	72	67	60	63	54	68	70	70	70	69.3
El Dorado	Maximum	95	95	99	96	94	77	85	85	90	90	96	97	96	90	79	90	91	88	89	76	78	80	96	87	88	89	86	89	92	94	96	89.5
	Minimum	68	72	70	69	70	69	65	67	64	65	62	67	65	67	68	65	70	68	66	65	68	68	69	66	63	61	60	62	70	70	60	66.4
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	94	96	96	99	98	93	83	82	83	86	86	95	98	92	88	85	96	95	93	92	89	81	80	85	88	90	92	90	95	95	94	90.6
	Minimum	73	71	72	70	74	69	66	60	60	64	66	71	69	73	67	67	68	69	63	63	64	67	61	57	58	62	60	61	64	70	72	66.2
Fayetteville	Maximum	91	93	94	97	96	91	83	81	83	82	81	93	95	91	86	84	93	88	90	91	87	80	77	84	88	89	91	90	93	95	93	88.7
	Minimum	72	67	67	68	74	68	68	61	63	61	65	69	65	72	69	69	66	68	64	61	64	67	63	57	55	59	63	55	65	67	70	65.2
Fayetteville Exp. S	Maximum	91	94	95	97	97	96	80	80	82	83	83	93	95	92	85	85	93	89	89	89	86	80	78	84	88	88	90	90	94	95	93	88.8
	Minimum	66	65	66	66	73	65	66	57	61	60	63	66	63	70	67	67	64	63	61	60	62	65	61	55	54	57	58	50	61	65	69	62.8
Fordyce	Maximum	100	96	99	100	96	94	88	87	88	91	93	96	99	98	81	89	93	96	94	94	89	87	86	87	90	92	90	94	94	90	96	92.5
	Minimum	71	72	74	78	73	73	72	67	63	66	69	71	74	74	74	72	77	73	72	66	68	68	75	66	61	65	56	64	72	71	69	69.9
Fort Smith	Maximum	94	96	98	101	98	87	89	87	88	86	86	95	96	89	88	85	92	93	90	93	85	80	82	86	88	91	88	91	95	96	93	90.5
	Minimum	77	74	75	76	77	70	73	69	68	68	69	73	72	76	75	73	72	68	69	70	72	72	69	64	64	65	66	62	70	74	74	70.8
Gilbert	Maximum	96	97	98	99	97	84	90	87	88	89	94	99	99	96	92	92	97	95	95	97	92	70	72	86	90	97	89	91	94	95	94	92.0
	Minimum	66	66	65	66	67	68	66	56	56	58	58	63	65	69	65	65	65	63	63	57	59	65	65	69	57	57	55	53	54	59	63	62.0
Grannis	Maximum	94	96	100	99	97	94	85	85	84	86	83	93	97	93	84	83	92	94	87	89	81	83	75	84	87	87	85	89	88	93	93	89.0
	Minimum	74	66	68	70	72	69	70	66	62	60	67	68	71	72	70	69	70	67	67	67	66	67	67	62	60	61	59	62	71	71	68	67.1
Gravette	Maximum	90	92	94	93	95	94	78	77	77	76	82	92	88	88	81	85	90	90	87	87	83	79	76	79	85	87	89	89	92	93	92	86.5
	Minimum	71	66	67	67	71	66	64	60	60	65	64	70	66	75	67	69	66	68	62	64	64	68	57	53	52	59	60	53	61	67	70	64.3
Green Mountain	Maximum	95	95	99	95	95	87	87	84	85	88	90	95	98	99	86	89	95	85	91	91	90	91	82	84	85	86	85	89	91	92	93	90.2
	Minimum	76	75	76	74	72	73	69	62	63	65	70	70	73	72	69	70	72	70	64	70	69	66	63	59	59	61	59	63	69	70	71	68.2
Harrison	Maximum	93	95	97	97	97	82	87	85	85	88	90	97	97	90	89	87	95	95	91	91	86	81	73	85	89	88	90	92	95	96	97	90.3
	Minimum	69	66	67	70	71	72	69	58	55	57	62	64	65	72	70	66	64	65	62	60	62	68	64	59	57	66	57	50	60	66	65	63.8
Helena	Maximum	92	93	93	95	90	90	87	85	83	88	88	90	92	91	88	85	88	92	89	89	88	86	81	75	85	83	87	90	91	93	94	88.4
	Minimum	73	74	73	76	73	74	74	68	63	68	72	72	73	74	75	68	67	70	69	70	72	70	70	65	60	66	58	64	72	70	67	69.7
Hope	Maximum	94	96	99	99	96	93	84	85	85	89	82	96	97	94	86	85	93	95	90	89	87	88	84	82	89	89	87	91	91	94	95	90.5
	Minimum	71	72	74	74	75	74	75	68	62	62	66	70	74	75	74	72	70	72	69	67	69	68	79	67	61	62	60	62	68	71	65	68.9
Hot Springs	Maximum	96	100	100	101	101	90	91	89	90	89	90	98	98	93	93	87	95	96	92	93	86	89	77	84	91	91	89	91	92	95	94	92.3
	Minimum	76	75	74	75	74	73	72	67	63	64	66	72	74	75	73	72	71	68	65	65	69	69	67	64	63	64	55	61	72	70	69	68.9
Jonesboro	Maximum	95	99	99	97	96	93	89	87	85	90	92	94	87	86	89	89	95	93	91	91	91	89	77	83	90	88	87	92	95	96	95	91.6
	Minimum	74	75	75	76	73	73	72	63	61	65	72	70	73	72	74	68	65	68	67	67	69	62	66	63	63	61	54	60	65	69	65	67.7
Lead Hill	Maximum	98	99	101	102	99	89	90	85	89	91	96	100	102	95	93	90	99	98	95	96	90	75	79	89	94	90	93	95	99	100	100	93.9
	Minimum	69	65	66	71	69	71	69	55	55	57	62	65	66	73	68	63	64	64	67	58	62	70	64	56	52	58	53	48	59	65	64	62.8
Little Rock	Maximum	95	96	99	98	95	90	89	84	84	90	89	95	96	95	83	86	92	94	90	88	86	86	73	78	89	83	85	90	90	92	93	89.5
	Minimum	74	76	76	78	74	74	74	69	66	67	71	72	75	74	74	72	71	70	68	70	72	71	68	66	64	65	59	62	71	72	69	70.5
Lutherville	Maximum	95	96	99	98	97	88	90	90	89	89	89	97	99	96	95	90	95	97	94	95	91	87	77	90	90	90	91	91	93	97	94	92.5
	Minimum	71	68	76	72	71	70	69	67	64	61	64	70	69	73	72	71	67	67	63	65	67	74	66	67	57	64	56	57	66	69	67	67.1
Magnolia	Maximum	93	95	96	96	95	93	88	86	85	89	90	94	96	96	94	86	93	93	91	90	84	83	84	79	87	89	89	91	91	92	95	90.4
	Minimum	71	72	72	74	75	74	72	69	61	62	69	71	73	74	73	75	70	72	68	67	67	68	70	66	61	60	60	68	73	73	62	69.1
Mammoth Spring	Maximum	95	98	99	96	99	90	85	89	87	89	95	96	97	94	95	88	94	91	93	93	90	79	72	85	90	90	87	90	93	94	94	91.2
	Minimum	68	69	70	72	70	71	57	59	58	49	63	66	68	70	71	66	65	64	64	62	56	59	54	57	56	48	53	55	60	65	64	62.2
Marianna /	Maximum	92	94	95	96	91	90	89	82	86	91	91	92	94	95	90	90	92	94	92	91	90	89	75	79	90	84	89	90	92	92	92	90.0
	Minimum	72	72	71	75	72	73	74	66	60	64	73	69	72	72	74	63	62	67	66	66	70	66	69	65	55	63	52	59	65	66	60	66.9
Marked Tree /	Maximum	96	97	97	97	94	94	84	82	87	92	93	95	94	96	88	89	94	93	93	93	92	86	86	80	90	82	90	94	94	95	97	91.4
	Minimum	73	74	75	75	73	73	73	64	63	63	65	71	71	73	73	66	65	65	69	68	68	70	68	65	60	60	55	55	60	66	65	67.2
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mena	Maximum	94	98	97	99	98	94	88	86	88	86	84	95	96	93	87	88	95	95	90	89	85	81	74	84	90	90	90	91	90	94	95	90.5
	Minimum	70	67	69	69	71	71	70	68	61	59	65	71	70	71	70	70	70	68	66	64	66	67	65	63	59	60	61	58	68	68	66	66.5
Monticello	Maximum	94	95	98	97	94	93	85	84	86	91	92	94	95	94	80	90	91	93	91	89	86	85	85	74	87	89	87	89	90	92	93	89.8
	Minimum	71	73	74	76	74	74	75	71	65	66	72	72	74	73	72	72	74	70	68	70	69	70	72	67	61	64	60	67	73	72	67	70.3
Morrilton /	Maximum	101	96	104	104	99	97	94	89	89	92	98	100	102	100	91	90	101	97	92	94	86	85	71	89	88	91	86	92	94	95	96	93.6
	Minimum	72	71	71	73	69	68	69	67	62	60	62	70	70	72	74	70	65	68	65	63	69	69	65	63	61	64	54	55	59	66	64	66.0
Mountain Home	Maximum	95	95	98	99	96	85	89	89	88	91	93	97	100	94	89	86	94	91	93	93	90	80	76	85	90	84	88	92	95	97	96	91.2
	Minimum	69	68	69	73	70	71	69	59	59	59	60	67	69	72	69	68	65	64	65	60	63	64	64	56	55	58	52	50	50	64	63	63.4
Mt. Ida	Maximum	95	95	97	98	98	94	88	84	85	87	86	95	97	94	87	83	94	95	89	87	83	85	73	86	87	89	88	89	89	92	94	89.8
	Minimum	67	68	66	67	70	68	71	65	59	58	62	67	67	72	72	71	69	69	65	61	66	69	67	62	62	57	57	55	65	65	64	65.3
Nashville	Maximum	96	97	99	100	99	91	87	87	86	88	85	96	98	96	87	85	93	94	89	89	88	87	79	84	88	88	85	88	90	92	94	90.5
	Minimum	70	87	..	..	..	..	..	..	63	62	69	69	71	74	72	70	71	68	70	69	69	71	70	67	63	63	61	65	74	72	67	69.1

Daily Temperatures for August, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	98	101	101	101	96	93	94	86	90	93	95	98	100	97	94	93	96	94	95	95	94	89	74	86	92	85	90	94	95	97	97	93.6
	Minimum	73	75	74	76	73	73	73	66	62	63	70	70	74	74	75	67	65	70	67	66	69	72	68	65	60	63	54	60	65	68	66	68.3
Nimrod Dam /	Maximum	96	97	99	100	95	89	89	86	86	86	89	98	100	99	83	87	95	94	91	92	85	85	71	84	89	87	86	90	94	95	95	90.7
	Minimum	70	71	70	70	71	70	71	64	60	60	62	65	70	72	72	72	67	68	65	62	62	68	67	63	62	60	54	55	59	66	67	65.6
Oden	Maximum	96	96	97	99	95	93	93	89	87	87	88	97	98	95	90	86	95	95	92	93	85	97	73	86	90	90	89	93	92	96	95	91.8
	Minimum	74	69	69	70	71	72	72	66	61	60	66	70	72	74	72	72	70	70	65	70	67	70	67	64	58	60	58	58	69	69	66	67.5
Okay	Maximum	94	96	98	97	96	98	92	86	86	88	89	93	96	96	85	87	94	95	95	92	90	89	85	83	88	88	90	90	93	94	96	91.6
	Minimum	72	70	71	70	69	72	73	68	62	60	61	68	72	75	77	72	69	72	68	67	69	69	69	67	62	59	59	64	73	71	66	68.3
Ozark	Maximum	95	96	98	100	99	87	92	88	88	87	87	95	101	96	89	89	97	90	90	96	93	80	80	88	91	90	91	92	94	97	97	92.0
	Minimum	69	71	72	71	73	72	71	67	65	63	66	71	69	74	73	73	68	68	66	68	65	70	68	60	61	63	59	57	67	79	69	67.7
Paragould	Maximum	94	97	97	94	95	93	89	82	85	90	91	93	93	95	87	85	92	91	89	90	89	84	75	81	88	85	86	90	93	93	94	89.7
	Minimum	73	76	73	75	73	73	72	63	63	64	73	68	73	75	74	67	60	68	63	67	68	71	64	64	58	60	52	57	63	67	65	67.2
Perryville	Maximum	97	97	98	99	99	95	98	94	92	89	91	98	99	97	99	95	96	98	93	93	90	88	84	85	90	86	86	93	94	95	96	93.7
	Minimum	68	71	70	70	71	69	70	68	60	59	61	66	72	72	72	69	69	72	64	64	66	68	66	63	60	60	52	54	64	66	66	65.9
Pine Bluff	Maximum	96	97	100	101	96	94	86	86	88	93	93	95	98	97	84	87	94	94	91	91	87	88	81	78	89	89	89	94	96	96	96	91.7
	Minimum	74	77	76	78	75	75	73	69	66	69	73	73	75	75	74	73	73	73	67	70	71	74	72	69	67	70	62	65	72	73	69	71.7
Pocahontas	Maximum	99	100	100	97	98	97	92	91	90	93	95	97	101	100	94	91	96	94	96	96	95	88	78	85	92	90	90	92	96	98	96	94.1
	Minimum	71	75	73	74	75	72	70	62	62	63	68	69	72	73	73	67	65	66	68	66	67	70	62	60	58	59	53	57	61	65	65	66.5
Portland	Maximum	94	96	97	97	92	92	87	85	85	90	92	94	93	94	95	90	91	93	89	88	85	82	82	75	88	89	89	90	93	94	95	90.2
	Minimum	73	76	74	77	74	74	76	72	65	65	72	72	73	72	72	72	74	70	70	68	69	70	71	68	64	63	58	65	71	75	68	70.4
Prescott	Maximum	95	97	98	100	96	93	90	87	86	90	85	96	98	97	93	84	94	96	91	91	87	87	82	83	88	90	88	90	94	94	95	91.5
	Minimum	73	74	76	76	75	76	74	69	65	64	70	72	74	76	73	71	71	73	68	68	70	70	70	67	63	64	59	65	72	71	67	70.2
Rogers	Maximum	92	94	95	98	97	76	82	82	83	84	85	92	95	78	86	84	92	90	89	89	87	73	79	84	88	88	90	88	94	93	93	87.7
	Minimum	70	66	68	68	71	67	66	59	60	59	65	69	67	72	68	68	67	69	62	62	65	67	61	55	55	62	60	53	61	68	68	64.5
Russellville	Maximum	96	96	97	99	96	90	92	89	88	90	94	96	100	98	88	89	95	93	91	93	89	84	75	86	89	88	85	92	93	94	93	91.5
	Minimum	72	70	72	72	71	72	72	65	61	65	68	72	69	74	74	72	68	69	65	64	69	69	66	60	60	73	58	56	72	70	67	68.0
St. Charles	Maximum	94	97	100	99	93	93	91	85	91	92	92	95	95	95	92	91	93	93	93	91	90	89	85	78	89	88	88	91	92	95	97	91.8
	Minimum	73	74	74	73	70	73	73	65	61	64	71	70	71	72	70	65	68	70	66	67	70	69	68	64	60	64	53	61	68	67	65	67.7
Searcy	Maximum	99	100	102	102	97	94	94	88	90	95	96	100	100	99	95	95	98	98	95	93	92	90	74	86	95	89	91	95	97	100	98	94.7
	Minimum	72	74	74	71	72	72	74	67	61	63	68	69	73	73	74	68	66	70	66	66	72	70	67	65	61	65	53	58	65	69	65	67.8
Sheridan	Maximum	93	95	98	98	96	90	86	86	85	89	89	94	96	94	83	87	93	94	90	89	87	86	81	79	88	85	85	91	92	93	92	89.8
	Minimum	70	72	72	72	71	70	71	63	59	62	67	69	73	71	71	70	67	70	62	64	69	70	67	65	61	61	52	58	67	67	65	66.7
Siloam Springs	Maximum	92	94	95	97	97	88	82	81	83	81	85	93	95	85	88	87	94	86	88	86	89	75	79	84	87	88	89	89	93	95	93	88.3
	Minimum	70	65	66	67	70	66	67	59	64	66	65	69	67	73	69	70	66	68	65	63	63	64	59	55	54	59	58	51	62	66	70	64.4
Stuttgart	Maximum	94	96	97	99	93	92	86	84	87	90	92	93	95	95	86	87	92	94	91	91	95	86	82	77	87	85	87	93	92	95	95	90.6
	Minimum	73	75	75	77	74	75	74	67	64	66	72	72	75	74	75	70	70	70	68	70	71	70	70	66	63	66	57	63	70	72	68	70.1
Stuttgart Evap	Maximum	92	93	96	97	92	90	86	87	86	89	91	92	94	95	87	90	91	92	91	89	87	84	79	77	87	84	87	91	91	94	94	89.5
	Minimum	74	72	74	72	74	75	74	65	65	69	73	70	74	73	75	69	68	72	68	70	72	70	66	66	63	66	57	64	70	73	72	69.8
Subiaco	Maximum	99	97	100	99	100	90	90	90	94	90	88	95	102	95	88	85	93	97	92	98	93	87	82	86	90	91	89	93	92	94	94	92.7
	Minimum	83	71	72	84	86	62	75	65	71	84	65	73	70	71	71	72	67	67	74	68	68	68	62	60	60	60	60	58	68	70	69	69.5
Texarkana	Maximum	94	96	98	99	97	92	83	86	85	87	85	95	96	95	84	85	94	96	90	89	87	85	80	81	87	91	88	92	92	95	96	90.3
	Minimum	74	73	74	76	78	76	74	70	65	67	74	73	75	77	76	75	71	71	70	70	70	69	70	67	63	64	65	69	74	73	67	71.3
Turnpike	Maximum	89	90	93	93	92	81	82	79	81	83	84	89	93	90	84	84	85	90	85	90	81	72	67	79	84	84	84	85	88	88	90	85.1
	Minimum	69	72	74	70	70	66	65	58	58	63	64	68	72	68	66	64	67	61	63	63	60	63	58	55	63	59	57	60	66	67	67	64.4
Waldron	Maximum	95	95	97	99	99	94	91	89	88	87	87	97	97	95	87	87	95	95	90	91	88	85	76	85	89	90	88	91	92	94	94	91.2
	Minimum	69	66	67	67	72	69	72	64	59	58	65	63	68	71	71	72	68	67	66	62	65	68	66	61	59	58	59	59	65	66	65	65.4
Warren	Maximum	95	96	98	99	96	94	90	84	85	90	91	95	98	98	84	90	93	95	91	90	88	85	84	76	89	91	89	91	93	95	94	91.2
	Minimum	72	75	77	79	74	75	74	72	64	67	68	71	75	73	74	73	75	71	67	67	70	71	73	68	62	63	57	64	73	72	67	70.4
White Rock	Maximum	89	91	94	97	95	85	85	82	83	84	78	91	94	88	89	85	88	88	85	85	80	71	76	81	84	85	87	86	90	92	89	86.4
	Minimum	70	69	71	73	73	66	66	62	63	63	63	66	75	67	68	67	66	65	65	66	66	66	59	58	62	64	60	59	67	69	68	65.9
Wilson	Maximum	94	96	96	95	96	95	86	83	86	91	90	94	94	96	88	87	92	92	90	93	93	89	78	83	83	83	86	92	93	94	94	90.4
	Minimum	72	74	72	72	75	73	69	62	60	63	71	69	71	71	72	63	63	67	64	64	67	69	63	62	59	59	51	59	65	67	64	66.2
Wynne /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily River Stages for August, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.4	7.8	7.5	7.6	7.4	7.0	6.8	6.6	7.0	7.6	6.7	6.6	6.4	6.2	6.2	6.0	7.3	7.8	7.9	8.0	7.2	6.7	7.1	6.8	6.8	6.5	6.2	6.0	5.7	5.7	5.6
Van Buren	do	22	9.1	8.2	8.2	8.3	8.2	7.8	7.6	7.4	7.7	8.3	7.4	7.5	7.3	7.0	7.0	6.8	8.0	8.2	8.3	8.5	8.0	7.6	7.8	7.7	7.4	7.3	7.1	7.0	6.7	6.6	6.5
Danville	Petit Jean	20	3.1	3.0	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.9	3.5	3.3	3.7	3.5	3.7	4.0	3.3	3.4	3.2	3.6	3.2	3.0	3.0	2.9	2.8	2.8
Ozark	Arkansas	22	5.3	4.2	3.7	3.6	3.7	3.4	3.0	2.8	2.7	3.3	3.4	3.0	2.8	2.6	2.4	2.4	3.1	3.2	3.9	3.9	3.8	3.2	3.0	3.2	3.0	2.8	2.6	2.6	2.3	2.2	2.1
Dardanelle	do	22	8.7	7.4	6.4	5.9	5.8	5.8	5.5	5.1	4.8	4.8	5.5	5.5	5.0	4.8	4.6	4.4	4.5	5.2	5.3	6.0	6.1	5.9	5.3	5.1	5.3	5.0	4.8	4.7	4.5	4.4	4.1
Morrilton	do	20	4.0	3.0	1.8	1.0	0.8	0.8	0.8	0.4	0.0	-0.2	0.0	0.6	0.2	-0.2	-0.2	-0.5	-0.6	-0.7	0.2	0.4	1.0	1.0	0.6	0.2	0.1	0.0	-0.2	-0.3	-0.4	-0.6	-0.8
Little Rock	do	23	6.0	6.1	5.3	4.6	4.1	3.9	3.9	3.8	3.6	3.4	3.3	3.5	3.7	3.5	3.3	3.2	3.1	3.0	3.3	3.5	3.7	4.1	4.2	3.9	3.6	3.6	3.6	3.4	3.2	3.1	3.0
Pine Bluff	do	25	6.0	7.9	7.5	6.6	5.7	5.3	5.0	4.9	4.8	4.6	4.4	4.2	4.5	4.7	4.4	4.2	4.0	3.9	3.8	3.8	4.3	4.8	5.3	5.3	5.1	4.7	4.4	4.4	4.3	4.0	3.9
Gilbert	Buffalo	30	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.5	4.4	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0
Black Rock	Black	14	5.4	5.2	5.1	5.1	5.0	4.9	4.7	4.6	4.5	4.4	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.2	4.1	4.0	4.0	4.0	4.1	4.6	4.4	4.2	4.1	4.1	4.0	3.9	3.8
Ozark Beach Mo.	White	30	0.4	0.2	1.0	0.3	0.3	0.3	0.3	1.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-0.2	-0.2	-0.2	-0.2	-0.2
Cotter	do	21	2.6	2.7	2.9	2.2	2.4	2.3	2.0	2.2	1.8	1.8	1.9	2.1	1.9	1.8	1.9	1.9	1.7	1.5	1.6	2.6	1.9	2.2	1.8	1.8	1.9	1.7	1.6	1.6	1.4	1.3	1.6
Calico Rock	do	18	2.4	2.1	2.3	2.4	1.8	1.6	2.1	1.7	1.9	1.7	2.0	2.0	1.6	2.0	2.0	1.4	1.7	1.6	2.0	1.2	2.3	1.8	1.6	1.9	2.0	1.2	0.9	0.8	0.7	0.6	0.6
Batesville	do	23	7.9	7.7	7.6	7.6	7.6	7.1	7.0	7.4	7.0	7.1	7.0	7.2	7.1	6.5	7.2	7.2	6.6	7.0	6.9	6.9	6.4	7.5	7.6	7.3	7.1	7.1	6.6	6.2	6.0	6.0	5.8
Newport	do	26	4.9	4.7	4.4	4.2	4.1	4.0	3.6	3.5	3.5	3.3	3.2	3.1	3.1	2.9	2.7	3.1	2.9	2.9	3.1	2.8	2.6	2.6	3.3	4.0	3.6	3.4	3.2	2.7	2.4	2.2	2.0
Augusta	do	32	17.0	16.9	16.7	16.4	16.2	16.0	15.9	15.3	15.2	15.2	14.9	14.8	14.8	14.6	14.4	14.4	14.4	14.3	14.3	14.2	14.2	14.0	14.2	14.7	15.2	15.1	14.8	14.6	14.1	14.0	13.4
Sugar Loaf Mt.	Little Red	..	3.6	3.4	3.4	3.3	3.8	3.3	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.9	2.9	2.9	3.0	3.3	3.4	3.3	3.2	3.1	3.0	2.9
Georgetown	White	21	8.1	7.7	7.5	7.2	7.0	7.0	6.7	6.4	6.1	5.9	5.7	5.5	5.5	5.4	5.3	5.2	5.0	5.0	5.0	4.9	4.9	4.8	4.8	4.9	5.3	5.6	5.5	5.3	5.1	4.8	4.4
Des Arc	do	24	10.2	10.0	9.4	9.2	8.9	8.7	8.6	8.3	8.0	7.7	7.6	7.5	7.3	7.1	7.0	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.8	7.2	7.2	7.1	6.9	6.7	6.3
Clarendon	do	26	16.1	15.4	14.8	14.3	13.8	13.5	13.3	13.0	12.8	12.4	12.1	11.9	11.7	11.5	11.4	11.3	11.1	10.9	10.9	10.8	10.8	10.8	10.7	10.6	10.7	10.9	11.2	11.3	11.3	11.1	10.9
St. Charles	do	25	17.4	16.2	15.3	14.4	13.9	13.5	13.3	13.0	12.7	12.3	12.1	11.8	11.6	11.4	11.2	11.1	11.0	10.8	10.7	10.6	10.5	10.5	10.5	10.4	10.4	10.5	10.6	10.8	10.9	10.8	10.7
Glenwood	Caddo	..	5.0	5.0	5.0	5.0	5.0	5.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.2	5.4	5.2	5.3	5.2	5.1	5.6	5.3	5.6	5.4	5.2	5.1	5.1	5.1	5.1	5.0
Arkadelphia	Ouachita	17	3.9	3.8	3.8	4.0	4.3	4.1	4.6	4.5	4.1	4.1	3.9	3.9	3.9	5.0	5.7	4.3	4.1	4.1	4.1	4.6	4.3	4.0	4.0	4.4	4.2	3.9	4.1	4.0	5.2	4.3	4.8
Boughton	Little Mo.	20	4.6	4.6	4.5	4.6	4.4	4.4	4.8	4.9	4.8	4.6	4.6	4.6	4.5	4.4	4.4	4.2	4.2	4.2	4.2	4.1	4.6	4.5	4.5	4.4	5.2	5.2	5.0	5.0	4.9	4.8	4.8
Camden	Ouachita	26	8.5	7.1	6.3	5.3	4.9	4.8	5.3	6.4	6.6	6.2	5.8	5.1	4.9	4.9	4.8	5.7	6.0	5.7	5.2	5.2	5.7	6.1	5.9	5.2	5.1	5.7	5.5	5.0	4.8	4.8	5.1
Benton	Saline	20	5.0	4.7	4.4	4.3	4.2	4.1	4.3	4.4	4.4	4.3	4.2	4.1	3.9	3.9	3.8	4.2	4.0	4.0	4.1	4.1	4.2	4.1	6.7	6.9	6.2	6.7	5.2	4.8	4.6	4.4	4.3
Index	Red	25	11.6	11.2	10.8	10.0	9.7	9.4	9.2	9.2	9.2	10.0	11.1	11.2	11.4	11.0	9.9	9.4	9.8	11.5	12.5	13.1	12.9	12.6	13.6	13.6	13.1	12.8	10.8	10.5	9.5	9.4	9.2
Fulton	do	25	11.8	11.6	11.3	10.8	10.2	9.9	9.7	9.8	9.7	10.0	11.0	11.5	11.4	11.5	10.7	10.2	10.1	11.9	13.8	13.9	13.5	13.8	14.0	13.9	14.1	13.6	12.8	11.5	11.0	10.7	10.4
St. Francis	do	18	19.0	18.9	18.9	18.8	18.7	18.6	18.6	18.4	18.3	18.2	18.1	18.0	17.9	17.8	17.9	17.7	17.6	17.5	17.4	17.3	17.1	17.1	17.0	16.9	16.8	16.6	16.2	15.2	13.8	12.2	10.8
St. Francis L.L.	do	..	22.0	22.0	21.9	21.8	21.8	21.7	21.7	21.7	21.6	21.6	21.5	21.5	21.4	21.4	21.1	21.0	20.9	20.8	20.7	20.7	20.6	20.6	20.5	20.5	20.5	20.5	20.5	20.4	20.4	20.3	20.3
Marked Tree	do	17	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.1	7.1	7.0	7.0	7.0	7.0	7.6	7.8	7.8	7.8	7.8	7.7	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.4	7.4	7.4
Parkin	do	28	10.0	10.0	9.9	9.8	9.7	9.5	9.4	9.3	9.2	9.2	9.1	9.0	8.9	8.7	8.6	8.7	8.8	8.7	8.6	8.5	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7
Madison	do	32	10.9	10.8	10.7	10.6	10.3	10.2	10.0	9.8	9.6	9.8	9.6	9.4	9.3	9.2	9.0	9.0	8.9	8.8	8.7	8.3	8.3	8.2	8.1	8.0	8.0	7.8	7.8	7.8	7.7	7.5	7.4
Helena	Mississippi	44	14.8	14.2	14.0	14.1	14.3	14.7	15.1	15.2	14.9	14.8	15.2	15.4	14.7	14.0	14.3	14.5	14.6	14.7	14.7	14.4	14.0	14.0	14.1	13.9	13.4	12.9	12.3	12.0	12.1	12.2	11.7
Arkansas City	do	42	15.4	14.9	14.5	14.1	14.1	13.9	14.0	14.2	14.1	13.9	13.8	13.9	13.9	13.4	13.0	13.0	13.0	13.1	13.0	13.0	12.8	12.7	12.6	12.7	12.6	12.2	11.7	11.2	10.9	10.8	10.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; **Turnpike, Dover**: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—10-16-1945—1100

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CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

Vol. L Little Rock, Ark., September, 1945 No. 9

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GENERAL SUMMARY

September temperatures averaged only slightly below normal, the deficiency being less than a degree for the State. The weather was warmer than normal from the 1st to 10th, and again from the 19th to 28th. Practically all stations recorded their highest temperatures of the month on the 1st. The coolest weather prevailed from the 10th to 18th, with the lowest temperatures of the month occurring on the 14th or 15th. Sunshine was somewhat below normal.

Precipitation was exceptionally heavy in most sections of Arkansas, averaging almost eight inches for the State as a whole. This was the wettest September since 1913, and the second wettest September of record. Rainfall totalled over 14 inches at some stations in the northwestern section and averaged about 10 inches in the northwestern quarter of the State. In the Ouachita River Valley precipitation was comparatively light, a few stations measuring less than four inches. Heavy rains fell on both the 12th and 25th, many stations measuring over two inches in a 24 hour period.

Most of the rivers in the State rose sharply following the heavy rainfall of the 25th. However, only the Arkansas River was approaching flood stage at the close of the month.

The maturing and harvesting of crops was delayed by too much precipitation during September. The rains that fell during the first half of the month were of considerable benefit to late corn, truck crops, and pastures, but the heavy rains during the last week of the mohth were decidedly unfavorable. As the month ended, the fields were too wet and soft for picking cotton and harvesting corn, and warm dry weather was urgently needed.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 78 stations, was 74.0°, which is 0.3° below the 55-year average for September. The highest monthly mean temperature was 77.9° at Warren and the lowest was 68.6° at Turnpike. The highest temperature recorded was 104° at Morrilton on the 1st, and the lowest was 39° at White Rock on the 13th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 103 stations, was 7.85 inches, which is 4.48 inches above the 55-year average for September. The greatest monthly total was 14.29 inches at White Rock and the least was 2.25 inches at El Dorado. The greatest amount recorded in a 24 hour period was 5.50 inches at White Rock on the 12th.

B. N. W.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:----1,2,6,7,9,10,12,13,19,20,24,25,26,27,28,30.
Hail:---12.
High Winds:---1,9,12,13,24,25.
Heavy Fog:---4,11,13,20,30.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.21	29	29.72	12	7 8	26	nw.	25	86	62	60	65	8
Little Rock	30.20	29	29.72	12	7.1	34	nw.	1	92	63	72	62	13
Memphis .	30.17	29	29.64	13	7.3	29	nw.	25	91	61	72	63	11

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	73.4	102	40	0.94	0	2	22	6	2
1892	70.8	96	32	2.14	0	3	23	4	3
1893	74.0	103	36	3.75	0	5	19	5	6
1894	73.1	100	38	3.56	0	6	14	8	8
1895	77.1	105	32	1.36	0	4	19	7	4
1896	73.3	106	35	3.25	0	10	11	9	10
1897	76.6	108	33	0.60	0	2	21	7	2
1898	75.2	104	40	7.35	0	8	15	6	9
1899	71.9	109	28	1.21	0	3	20	7	3
1900	78.0	104	48	4.25	0	7	12	12	6
1901	68.4	101	32	3.08	0	4	18	8	4
1902	70.7	99	30	5.06	0	8	15	8	7
1903	75.4	102	34	2.47	0	5	18	7	5
1904	74.2	101	37	2.46	0	5	15	9	6
1905	75.7	100	44	3.90	0	8	16	7	7
1906	73.9	100	47	6.24	0	10	11	9	10
1907	73.4	106	38	2.22	0	4	19	8	3
1908	74.7	101	29	4 00	0	7	13	8	9
1909	76.4	108	31	2 84	0	5	18	7	5
1910	79.0	101	44	2.41	0	5	18	8	4
1911	78.5	102	46	3.67	0	6	18	9	3
1912	71.7	106	32	2.40	0	4	18	8	4
1913	74.4	108	33	10.10	0	13	9	9	12
1914	74.9	101	38	3.19	0	5	16	9	5
1915	72.5	100	34	1.43	0	3	16	8	6
1916	71.8	102	30	3.40	0	6	19	6	5
1917	67.3	99	37	1.76	0	4	18	7	5
1918	74.6	104	29	4.63	0	7	16	5	9
1919	74.9	108	40	2.72	0	4	15	8	7
1920	79.6	100	30	3.56	0	6	17	6	7
1921	76.2	104	35	3.38	0	6	14	9	7
1922	73 0	106	37	1.25	0	3	22	5	3
1923	69.7	98	45	5.56	0	9	12	7	11
1924	80.5	103	29	3.99	0	7	17	5	8
1925	76.8	113	47	5.96	0	7	16	7	7
1926	75.9	101	40	3.99	0	7	14	8	8
1927	70.5	105	32	3.37	0	6	16	8	6
1928	73.4	101	32	0.45	0	1	22	5	3
1929	75 7	102	41	2.46	0	5	15	8	7
1930	78.4	106	35	4.10	0	8	15	8	7
1931	73.8	102	34	1.00	0	3	22	7	1
1932	78.5	103	35	2 54	0	6	12	10	8
1933	71.3	102	41	5.10	0	8	15	8	7
1934	72.4	100	37	5.46	0	8	15	7	8
1935	78.9	103	35	3.13	0	5	18	5	7
1936	72.7	109	38	4.15	0	7	12	10	8
1937	75.7	102	34	4.27	0	7	16	8	6
1938	79.9	107	32	1.55	0	4	17	10	3
1939	71.2	112	35	1.77	0	2	22	6	2
1940	75.4	100	31	1.83	0	4	17	7	6
1941	71.3	102	39	3.60	0	5	15	9	6
1942	70 4	100	28	3.52	0	7	15	8	7
1943	74.3	104	38	3.23	0	8	11	9	10
1944	73.8	103	42	1.84	0	4	17	7	6
1945	74.0	104	39	7.85	0	10	13	8	9
Period	74.3	113	28	3.37	0	6	16	7	7

Climatological Data for September, 1945.

Stations	Counties	Elevation	Lenght of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unsettled	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	8	73.2	......	96	1	49	14†	5.46	......	1.84	12	0.0	10	6	14	10	e.	L. R. Water Works
Arkadelphia	Clark	200	49	73.7	−2.5	99	1	45	14†	5.45	+2.67	1.92	25	0.0	9	9	18	3	ne.	W. H. Halliburton
Arkansas City	Desha	145	60	......	......	......	......	......	......	7.44	+4.62	3.38	12-13	0.0	9	21	1	8	......	John W. Trammell
Ashdown	Little River	329	1	76.0	......	96	1	50	1	5.19	......	1.90	28	0.0	7	17	11	2	......	J. F. Ferguson
Batesville Airway	Independence	363	9	72.8	−0.1	97	2	50	16	9.01	......	3.38	12-13	0.0	14	7	13	10	ne.	Airway Observer
Batesville Livestk.	Independence	500	4	75.6	......	94	8	55	16	7.55	......	....	......	0.0	7	11	15	4	sw.	University of Arkansas
Batesville River	Independence	277	45	......	......	......	......	......	......	9.56	+5.98	3.75	12-13	0.0	12	9	5	16	......	C. M. Barnwell
Bee Branch	Van Buren	650	52	72.5	−1.8	96	2	46	15	9.40	+6.18	3.35	12-13	0.0	11	10	12	8	w.	Minnie Scanlan
Benton	Saline	285	9	71.6	......	97	2	45	14	6.65	......	2.48	12-13	0.0	11	18	7	5	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	68.7	−2.2	99	1	43	15	11.43	+7.16	3.20	12	0.0	10	9	13	8	nw.	E. L. Brown
Bethesda***	Independence	500	5	71.2	......	94	8	46	15†	7.66	......	3.16	24-25	0.0	6	10	11	9	sw.	Soil Cons. Service
Big Lake Outlet***	Mississippi	239	14	......	......	......	......	......	......	3.38	+0.37	1.09	12-13	0.0	13	10	11	9	sw.	N. W Douglas
Black Rock	Lawrence	259	43	......	......	......	......	......	......	6.32	+2.73	2.26	12-13	0.0	10	9	8	13	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	4	......	......	......	......	......	......	....	......	....	......	......	......	......	......	....	......	Ark. Forestry Com
Blytheville	Mississippi	252	19	73.8	−0.4	91	1	52	16	4.17	+1.00	1.54	10	0.0	8	16	5	9	s.	Maureen K Norris
Booneville 3 miles w	Logan	465	30	74.9	−0.9	102	1	47	15	8.82	+5.42	3.25	12	0.0	9	11	9	10	e.	F. H. Randolph
Boughton***	Clark	235	9	......	......	......	......	......	......	5.96	......	2.15	25-26	0.0	6	11	6	13	......	Katie B. Moore
Brinkley	Monroe	205	53	73.9	−0.9	100	1	50	15	7.14	+3.16	3.17	12-13	0.0	12	12	9	9	s.	U. S. Weather Bureau
Calico Rock	Izard	361	40	......	......	......	......	......	......	9.60	+6.15	3.72	24-25	0.0	12	5	8	17	......	William Jones
Camden	Ouachita	116	59	77.2	+1.6	97	1†	51	14	3.12	+0.03	1.54	13	0.0	8	8	16	6	s.	J M. Knight
Camp Chaffee	Sebastian	419	1	74.8	......	100	1	49	15	8.53	.....	1.55	25-26	0.0	11	14	6	10	s.	U. S. Army
Camp Robinson	Pulaski	463	4	73.8	......	94	1	50	14	8.19	......	3.76	12-13	0.0	12	8	11	11	se.	U. S. Army
Clarendon	Monroe	172	40	......	......	......	......	......	......	6.39	+3.08	2.13	12-13	0.0	11	10	6	14	......	B F. Northern
Conway	Faulkner	309	61	75.7	+0.2	98	1†	50	30	9.45	+6.06	3.48	12-13	0.0	12	14	12	4	s.	E E. Cordrey
Corning	Clay	293	51	72.4	−0.2	95	9	50	16	8.34	+4.86	1.93	12	0.0	11	13	3	14	w.	Mrs. Laura Polk
Cotter	Baxter	440	17	......	......	......	......	......	......	8.99	+5.89	3.63	24-25	0.0	9	14	5	11	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	32	77.1	+1.5	98	1	48	14	4.88	+2.44	2.60	13	0.0	7	15	9	6	s.	U. S Forest Service
Cummins Farm***	Lincoln	176	1	75.2	......	95	1	49	14	5.81	.....	1.80	13	0.0	8	19	9	2	s.	T. C. Cogbill
Danville	Yell	327	28	......	......	......	......	......	......	8.11	+4.74	2.22	12-13	0.0	14	7	9	14	......	J. A. Moudy
Dardanelle	Yell	330	58	76.3	+0.9	100	1	50	15	7.87	+4.52	3.63	12	0.0	14	7	14	9	s.	Geo. N. Goodier
DeQueen	Sevier	426	9	73.0	......	94	1	48	15	2.61	......	1.28	26	0.0	6	10	17	3	......	L. D. McCowan
Des Arc	Prairie	204	6	75.2	......	97	1	50	14	6.57	......	3.73	12	0.0	9	8	7	15	n.	Z. R. Glenn
Devils Knob***	Johnson	2350	8	70.0	......	93	1†	48	14	11.07	......	3.82	12	0.0	10	16	2	12	se.	U. S. Forest Service
Dumas	Desha	162	39	76.4	+0.3	98	1	51	14	7.50	+4.52	1.86	12-13	0.0	10	5	13	12	se.	Ben Johnson
El Dorado	Union	270	44	76.6	−0.5	96	1†	53	14†	2.25	−0.64	1.62	30	0.0	4	7	21	2	s.	Airway Observer
England	Lonoke	229	38	......	......	......	......	......	......	....	......	....	......	......	......	......	......	....	......	O. V. Halbrook
Eureka Springs	Carroll	1465	44	71.6	−0.6	96	1†	47	15	10.07	+5.52	3.20	24-25	0.0	11	19	3	8	se.	Geo. W. Nichoalds
Fayetteville	Washington	1334	7	72.1	......	98	4	45	15	10.74	......	4.10	12	0.0	10	10	9	11	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	57	71.2	−0.9	97	2	44	15	9.56	+5.59	3.32	11-12	0.0	10	11	12	7	ne.	University of Ark.
Fordyce	Dallas	280	4	77.5	......	100	1	50	14	5.97	......	2.00	12-13	0.0	8	8	21	1	sw.	Ark Forestry Com.
Fort Smith	Sebastian	448	63	75.0	+1.0	98	1	52	15	9.09	+6.10	3.42	12-13	0.0	10	13	6	11	e.	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	7	......	......	......	......	......	......	14.24	......	3.18	12	0.0	11	18	2	10	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	......	......	......	......	......	......	5.60	+3.08	1.17	12-13	0.0	9	9	12	9	......	Ina J. Logan
Garland	Miller	225	2	......	......	......	......	......	......	6.12	......	2.96	12-13	0.0	5	11	0	19	......	L. D. Denney
Georgetown, 2 mi. se	White	200	32	......	......	......	......	......	......	8.15	+4.66	3.48	12-13	0.0	12	20	0	10	......	J. S. McDonald
Gilbert	Searcy	600	19	70.4	......	95	1†	46	15†	8.98	+5.34	2.90	12-13	0.0	10	6	12	12	s.	D O. Dennis
Glenwood	Pike	547	9	......	......	......	......	......	......	8.75	......	1.81	24-25	0.0	11	8	2	20	......	C. A. Price
Grannis	Polk	950	25	74.2	+0.2	96	1	48	14	9.53	+5.15	2.15	25	0.0	12	11	8	11	se.	W. E. McVay
Gravette	Benton	1250	47	70.0	−1.2	96	1	42	15	10.96	+6.71	4.29	24	0.0	10	16	6	8	sw.	J. A. Schmidt
Green Mountain***	Stone	1100	7	71.8	......	95	1†	48	15	9.10	......	3.45	24-25	0.0	9	10	9	11	s.	U. S. Forest Service
Harrison	Boone	1052	44	72.0	+1.3	98	1	45	15	10.51	+6.48	4.00	24-25	0.0	10	18	4	8	sw.	J. M. McGaughey
Helena	Phillips	300	72	75.3	0.0	92	1†	50	14	5.19	+1.90	1.82	12-13	0.0	12	9	2	19	ne.	James A Burnett
Hope 3 miles e.	Hempstead	375	74	76.2	+0.1	97	1	51	14†	4.78	+1.70	1.75	24-25	0.0	11	11	13	6	sw.	Univ. of Arkansas
Hot Springs	Garland	600	52	76.0	+0.2	97	1	52	14†	7.05	+3.64	1.77	12-13	0.0	13	14	9	7	s.	National Park Service
Index***	Little River	275	27	......	......	......	......	......	......	4.00	+1.43	1.25	12-13	0.0	7	15	0	15	......	W. E. McDowell
Jessieville	Garland	750	18	......	......	......	......	......	......	8.32	+5.45	1.60	29-30	0.0	10	12	8	10	s.	U. S. Forest Service
Jonesboro	Craighead	345	49	74.0	−0.4	95	1†	53	14†	7.39	+4.03	2.42	19	0.0	14	11	5	14	sw.	Benedictine Sisters
Lead Hill	Boone	650	38	71.6	−0.4	102	1	42	15	8.46	+4.90	3.15	24-25	0.0	10	18	2	10	s.	F. W. Kellogg
Little Rock	Pulaski	257	65	74.4	+0.3	96	1	50	14	9.01	+5.84	3.01	12-13	0.0	11	10	10	10	s.	U.S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	46	73.6	−0.5	101	1	48	15	9.62	+5.46	3.90	12	0.0	11	13	13	4	s.	Mrs H G. Lenhardt
Madison	St. Francis	209	14	......	......	......	......	......	......	6.56	+3.70	2.20	12-13	0.0	6	14	1	15	......	J W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	77.7°	0.0	98°	1	49°	14	3.88	+1.84	1.50	28-29	0.0	5	7	19	4	se.	State Agr. School
Mammoth Spring	Fulton	600	40	69.4	−2.3	93	9	43	18	6.65	+3.06	2.39	12-13	0.0	10	11	4	15	w.	L. A. O'Neal
Marianna	Lee	235	33	74.2	0.0	94	8	49	13	7.50	+4.73	2.48	28	0.0	9	12	10	8	se.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	73.4	0.0	97	1	51	14	9.65	+6.70	4.71	20-21	0.0	12	19	8	3	n.	Chas. Walton
Marshall	Searcy	1050	26	......	......	......	......	......	......	7.68	+3.54	2.60	23-24	0.0	8	......	......	....	......	Roy Richardson
Mena	Polk	1207	56	73.8	−0.5	98	1	48	14†	12.29	+8.37	2.98	25-26	0.0	13	10	10	10	se.	E. W. St. John
Monticello	Drew	273	4	77.4	......	96	1	51	14	4.55	......	1.90	12	0.0	8	18	9	3	s.	Airway Observer
Morrilton***	Conway	315	28	74.7	−0.4	104	1	48	15	8.72	+5.82	2.50	12	0.0	12	8	10	12	nw.	L. A. Dicus
Mountainburg	Crawford	712	7	......	......	......	......	......	......	13.99	......	5.37	12	0.0	10	13	4	13	n.	C. A. Lovell
Mountain Home***	Baxter	800	32	71.2	−0.6	98	1	45	15	8.25	+4.46	3.60	24-25	0.0	9	16	2	12	w.	H. N. Halbert
Mountain Valley	Garland	788	7	......	......	......	......	......	......	....	......	....	......	......	......	......	......	....	......	....
Mount Ida, 2 mi. e	Montgomery	702	45	73.2	+0.1	96	1	43	15	9.82	+6.28	3.40	25	0.0	12	18	3	9	sw.	J. S. Whittington
Mulberry 6 mi. n***	Franklin	433	6	......	......	......	......	......	......	11.73	......	3.29	11-12	0.0	9	12	3	15	......	H. G. Arvin
Nashville	Howard	350	6	76.0	......	96	1†	50	14†	5.47	......	1.93	12	0.0	8	22	0	8	s.	Carter Day
Newport	Jackson	231	61	75.2	+0.9	98	9	52	15	6.43	+3.00	2.41	12-13	0.0	13	10	4	16	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	3	73.2	......	99	1	49	15	9.48	......	1.85	12-13	0.0	11	......	......	....	nw.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	17	74.7	......	97	1†	46	15	8.93	+5.83	3.66	25	0.0	11	10	13	7	sw.	U. S. Forest Service
Okay	Howard	288	16	77.0	+0.1	99	1†	48	15	5.70	+2.85	1.51	13	0.0	9	14	14	2	s.	Charles R. Jackson
Osceola	Mississippi	250	44	......	......	......	......	......	......	....	......	....	......	......	......	......	......	....	......	G. M. Serey
Ozark	Franklin	396	49	74.8	−0.8	100	1	49	15	6.76	+3.32	2.06	12	0.0	11	10	6	14	e.	Orkney O. Milton
Paragould	Greene	275	21	72.8	......	94	1	52	16	8.04	+5.57	2.36	19	0.0	12	16	8	6	sw.	J. E. Garrett
Parkin, 2 mi. w.	Cross	222	14	......	......	......	......	......	......	6.99	+4.08	3.40	28-29	0.0	8	12	5	13	......	Carroll King
Perryville	Perry	325	5	74.7	+1.7	98	1	51	13†	8.93	+5.43	3.50	25-26	0.0	10	12	9	9	sw.	Gordon Bennett
Pine Bluff	Jefferson	215	57	77.7	+1.2	99	1	52	14	5.77	+2.36	1.36	12-13	0.0	9	15	10	5	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	......	......	......	......	......	......	12.13	+8.88	2.85	24-25	0.0	11	9	8	13	w.	J. R. Huddleston
Pocahontas	Randolph	300	51	73.8	+0.4	96	1†	49	15	9.04	+5.66	4.26	24-25	0.0	13	12	6	12	se.	Benedictine Sisters
Portland	Ashley	122	38	77.3	+1.2	94	1†	51	14	4.76	+2.15	2.40	12-13	0.0	7	15	12	3	s.	Mrs. Pearl Newton
Prescott	Nevada	318	56	77.8	+1.3	99	1†	51	14	6.25	+3.31	2.56	26-27	0.0	9	14	9	7	e.	O. J. Stephenson
Rogers	Benton	1300	54	71.2	0.0	97	2	44	15	11.71	+7.61	3.90	12	0.0	10	13	7	10	se.	Howard Fowler
Russellville	Pope	526	32	74.8	+0.7	98	1	49	15	8.01	+4.17	2.34	13	0.0	13	8	14	8	se.	U. S. Forest Service
St. Charles	Arkansas	175	11	75.8	......	97	1	49	14	5.27	......	1.85	30	0.0	9	15	10	5	ne.	U. S. Bio. Survey
St. Francis	Clay	290	17	......	......	......	......	......	......	6.86	−3.16	1.63	24-25	0.0	11	15	0	15	......	Wm. S. Buckley
Searcy	White	245	34	75.2	+0.7	100	1	50	15	7.86	+4.83	3.48	12-13	0.0	14	15	4	11	s.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	4	71.7	......	96	1	47	14	8.27	......	2.94	12-13	0.0	11	7	18	5	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	4	71.3	......	97	1	44	15	8.53	......	2.49	26-27	0.0	11	10	13	7	s.	John Brown Univ.
Story	Montgomery	650	20	......	......	......	......	......	......	8.87	+5.98	2.53	12	0.0	9	15	7	8	s.	S. C. Story
Stuttgart	Arkansas	214	57	76.2	+1.1	97	1	51	14	11.51	+8.38	2.95	29-30	0.0	11	17	6	7	s.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	9	75.0	......	96	4	51	14	5.84	......	1.50	12	0.0	8	......	......	....	......	University of Ark.

Climatological Data for September, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	46	74.7	− 0.8	98	1†	50	15	10.46	+7.01	3.65	12-13	0.0	11	16	6	8	s	New Subiaco Abbey
Texarkana	Miller	332	60	77.2	+ 0.4	98	1	52	14	5.08	+2.41	1.13	24-25	0.0	12	11	8	11	e.	U. S. Weather Bureau
Turnpike***	Pope	2240	20	68.6		93	1	46	14†	8.99	+3.95	3.62	12	0.0	12	9	8	13	sw.	U. S. Forest Service
Waldron	Scott	675	25	73.6		99	1	43	15	7.72	+4.45	2.13	12	0.0	9	10	12	8	sw.	William D. Bivens
Warren	Bradley	206	50	77.9	+ 1.7	97	1	53	14	5.15	+1.74	2.05	13	0.0	7	19	5	6	ne.	C. N. Turner
Whitecliffs	Little River	290	38							7.70	+5.17	2.66	28-29	0.0	8	20	4	6		L. M. Snead
White Rock***	Franklin	2285	8	69.8		95	1†	39	13	14.29		5.50	12	0.0	10	16	7	7	sw.	U. S. Forest Service
Wilson	Mississippi	237	19	72.4	− 1.2	95	10	49	17	6.85	+4.33	2.30	28-29	0.0	6	17	1	12	sw.	D. O. Anderson
Wynne	Cross	167	36																	Mrs. C. A. Ford
State Means				74.0	− 0.3	104	1	39	13	7.85	+4.48	5.50	12	0.0	10	13	8	9	s.	

Daily Precipitation for September, 1945

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Abbott [2]	Arkansas							T.	.52			.79		2.52	.12											1.10	1.80	1.30	.05	.83	.02	9.05
Alum Fork Reser.	Arkansas						T.	.05	.02		.75		1.84							.02	T.				T.	1.31	1.24	.04		.02	.17	5.46
Aplin [2]	Arkansas						.80	.04				2.51		2.18	.06										.27	1.69	1.57	.08		2.14	.44	11.78
Arkadelphia [2]	Ouachita							.60	T.			.10		1.36											.02	.59	1.33	.38	T.	.77	.30	5.45
Arkansas City [2]	Mississippi						T.	.45	.12			.58		3.38	.24					T.		.03					1.33			.30	1.01	7.44
Ashdown	Red											.56	1.18											T.	.02	.03	1.38	T.	1.90	.12	T.	5.19
Augusta [2]	White							.45	.01	.30		.39		2.83						.52	T.	.32				1.30	.04	.20		1.50	.15	8.01
Batesville Air'y [3]	White	.02					.41	.75		.20	.10		2.28	1.10						.10					.83	.80	1.07		.36	.51	.48	9.01
Batesville Livestk [2]	White							.30	.70					*	3.20							T.				T.	1.22		.63	1.50		7.55
Batesville River [2]	White							.54	.92		.16	.11		3.75	.03					.11						1.87	.18	.90		.58	.41	9.56
Beaty Lake	St. Francis	T.					.03	.02		T.	.20		1.61	1.22						.03	T.	T.				.65	T.		T.	1.60	1.83	7.19
Beaver [2]	White							.05	.75				.79	1.01	.10										1.07	2.52	1.00	.64	.01	1.71	.75	10.40
Bee Branch	Arkansas	.14					T.	.65			.55		.50	2.80											1.24	2.11	.93	T.	.08	.20	.15	9.40
Beech Grove [2]	White							.67			.12		.12	2.00	.07					.99						1.14	.05	.50	.02		.59	6.27
Beedeville [2]	White		.63					.13	T.			.33		1.98	T.				.38		.04	.06			.82		.03	.30	T.	.81	.35	6.06
Benton [2]	Saline		.90					.08	T.		.02	.30		2.48						.25						.94	.60	.35		.64	.09	6.65
Bentonville [2]	Arkansas								.18					3.20	.12										2.93	1.44	1.53	.30	1.19	.42	.12	11.43
Bethesda [2]	White							.35	.35					3.16												1.36	T.	.64		1.80	T.	7.66
Big Flat [2]	White																															
Big Lake Outlet [2]	St. Francis		.01					.01	.19		.04	.14		1.09	.04					.05	.15	T.				.59	.07	T.		.59	.41	3.38
Black Rock [2]	White		.10					.45						2.26	.15					T.	.26					2.00	.10	.58		.19	.23	6.32
Bluff City	Ouachita																															
Blytheville [2]	St Francis							.65	.02		1.19	.35			T.						.36					.97				.58	.05	4.17
Booneville 3 mi. w	Arkansas							.22			.73		3.25	.53										T.		1.17	1.27	1.31	.26	.08		8.82
Booneville [2]	Arkansas								.75			.97		4.10	.35											1.10	1.25	1.30	.15	.05		10.02
Boughton [2]	Ouachita							.15						1.95												.33	2.15	.08		1.30		5.96
Bradford [2]	White		.01					.41	.02			.36		2.55						.58	.02	1.52				.60	.69	.53		1.49	.17	8.95
Brinkley [3]	White		.02			T.	.24	.09			.11		2.50	.67						.08	T.					.67	.06		.50	1.08	1.12	7.14
Burdette	Mississippi										1.27		.34	.96							.45		.19			.98			.25	.56	.97	5.97
Calico Rock [2]	White	T.	.03					1.00	.12				1.50	1.42	.06					T.	T.				.01	3.72	.10	.80	T.	.36	.48	9.60
Camden [2]	Ouachita							.02				.02		1.54						.42							.48	.10		.37	.17	3.12
Camp Chaffee [2]	Arkansas							.13	.04			.05	.36	1.30	1.33	.08										1.34	1.55		1.25		1.10	8.53
Camp Robinson [1]	Arkansas	.21					.70	.67			.14		2.95	.81						.52						.80	.50		.33	.15	.41	8.19
Carlisle [2]	Arkansas							.55	3.35			.27		3.27						.68						1.04	.10	.36		.50		10.12
Clarendon [2]	White		T.					.34	.56			.10		2.13						.10	.25					.59	.26	.58		1.40	.08	6.39
Cold Springs [2]	Ouachita								.10			1.09		2.50	.50									.07	.03	2.60	1.55	.35		.15	.10	9.04
Conway	Arkansas						.26	.65	.06		1.37		2.50	1.10											.10	1.39	1.34		.03	.33	.32	9.45
Corning [2]	White		.16					.35			1.20			1.93							.75				1.50	1.25	.25	.45	T.	.05	.45	8.34
Cotter [2]	White	T.						.49	1.14				.23	2.44	.26											3.63	.36	.15		T.	.29	8.99
Crossett	Ouachita						.26					.05		2.60												.75	.17			.75	.30	4.88
Crystal Valley [2]	Arkansas																															
Cummins Farm	Arkansas						.55	.66							1.80					.70						.60	.60				.90	5.81
Danville [2]	Arkansas		.82					.30	.88			.50		2.22	.12									.01	.18	1.04	1.46	.14	.05	.11	.20	8.11
Dardanelle [2]	Arkansas		.07					.28	.05			.78	.05	3.63	.05										.24	1.52	.67	.10	.02	.26	.15	7.87
De Queen	Red							T.					.41	.58										.11		.12	1.28		.11			2.61
Dermott [2]	Mississippi						T.	.34				.01		2.87	.04					.04							.13			.17	1.12	4.72
Des Arc [2]	White							.31	.10			.30	.40	3.73							.38					.60		.03		.60	.12	6.57
Devils Knob	Arkansas						T.	2.99			.80		3.82	.44												1.30	.97	.15	.20	.24	.16	11.07
Dumas	Mississippi			1.10		T.	.05	1.73			T.		.25	1.61						.21						.80		.27		.21	1.27	7.50
Eagle Gap [2]	Arkansas								.16		.08	.01		1.28	.12							T.	T.	T.	T.	2.40	2.18	1.37	.06	1.66	.06	9.38
El Dorado	Ouachita													1.45						.25						.20					.35	2.25
Eleven Point [2]	White		.10					.57	.38	.68	.10		.50	.17							.09	T.	T.		T.	6.00	.04	.64	1.29	1.69	.37	12.62
England	Arkansas																															
Eureka Springs	White	.03						.50					1.85	.47											1.80	1.40	.93	.65	1.52	.87	.05	10.07
Evening Shade [2]	White							.97	T.					3.07	T.					T.					4.08	T.		T.		1.48	.16	9.76
Fayetteville	White							.10					4.10	.23											1.95	1.42	.89	.51	.90	.48	.16	10.74
Fayetteville Exp. S	White							.19	T.				3.32	.54							T.				.94	1.96	.90	.45	.77	.41	.08	9.56
Fordyce	Arkansas		.35				.53				T.		T.	2.00						.56						1.00	.48		T.	.50	.55	5.97
Forester [2]	Arkansas						T.	T.			T.		1.40	2.00										T.		3.90	5.40		.30	.50		13.50
Fort Smith [1]	Arkansas							.14			.17		3.41	.02	T.									T.		2.19	1.15	1.22	.73	.04	.02	9.09
Fort Smith W. [2]	Arkansas								2.42			.09	2.45	3.18	.15											2.17	1.58	.88	.03	1.21	.08	14.24
Fulton [2]	Red		T.				T.	T.	.25			1.05		1.17											.18	1.07	.44	.19	T.	1.03	.22	5.60
Garland [2]	Red		.11				.24	T.						2.96													.53			2.28	T.	6.12
Georgetown [2]	White		.03					.92	.03			.32		3.48						.50	.02				T.	.70	.04	.18		1.88	.05	8.15
Gilbert [2]	White							1.80	.28		.05			2.90											.05	2.40	.50		.15	.60	.25	8.98
Glenwood [2]	Ouachita		1.48					.16	.11	T.	.32			1.67	.04										.60	1.81	1.08			.27	1.21	8.75
Grannis	Red						.54	.20	.35		.25		.68	T.						T.	T.	.02		1.11	T.	2.15	2.02	.53	1.53	.15	T.	9.53
Gravelly [2]	Arkansas		.15					T.	.63			.43		3.30	.78									T.	.22	1.75	1.44	T.	.90	.29	.80	10.09
Gravette	Arkansas							.09					3.77	.09								T.			3.22	1.07	.86	.22	.97	.52	.15	10.96
Green Forest	White																															
Green Mountain	White	T.						.35			T.		1.83	1.30	T.					T.					.60	2.85	.85		.32	.75	.25	9.10
Greenwood [2]	Arkansas								.55			.42		3.84	.08											1.05	2.05	1.59		.88		10.46
Harrison	White							1.25			T.		1.55	.75										T.	.49	3.51	.74	.94	.87	.38	.09	10.57
Helena [2]	Mississippi		.11				.08	.52	.03			.02		1.30	.52						.20					.60	.19			.94	.68	5.19
Henderson [2]	White	T.						1.75					1.20	1.00	T.											2.73	1.10			.63	.15	8.56
Hollis	Arkansas																															
Hope [2]	Red		T.				.06	.05	T.			.04		1.22											.03	.02	1.73	.03		1.07	.53	4.78
Hot Springs	Ouachita		.09					.55			.37		1.00	.77						.01				.07	.12	1.76	1.00	.25		.98	.08	7.05
Huttig [2]	Ouachita							T.				.10		2.50						.17							.33			.02	.70	3.82
Index [2]	Red							.50				.70		1.25											.10	.10	.85			.50	T.	4.00
Jessieville	Ouachita	.38						.60			1.23		1.35	1.00											.28	.55	1.00	.28			1.60	8.32

Daily Precipitation for September, 1945 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Jonesboro[2]	White							.28	.02	.22		.19		2.00	.03					2.35	.07		T.			1.26	.02	.34	.20	.22	.19	7.39
Lake City[2]	St. Francis						.18					.99								.98							.88			.98		4.01
Lead Hill	White							1.30					.22	1.29	.14									T.	1.25	1.90	.54		.35	.36	.11	8.46
Little Rock[1]	Arkansas	.79				T.	.29	.21			.36		2.96	.75						.45				T.		2.01	.75		T.	.21	.23	9.01
Lutherville	Arkansas	.76						.47		.20			3.90	1.00									.10	.10		1.23	.60		1.03		.23	9.62
Madison[2]	St. Francis								.32			.12		2.20							T.	T.				.62	T.			2.05	1.15	6.56
Magnolia	Red						.18					.42		1.43																1.50	.35	3.88
Mammoth Spg[2]	White	.22						.67	.08	.15				2.00	.39											1.56	.02	1.02		.41	.31	6.65
Marianna[2]	St. Francis						.01	.20		.65		.08		1.65												.60	.15			2.48	1.68	7.50
Marked Tree[2]	St. Francis		.08					.05		.10		1.13		1.53	.18					T.	.20	4.51				.38	.08			1.01	.40	9.65
Marshall[2]	White							1.35				.15		2.55									.40		2.60				.30	.23	.10	7.68
Marvell[2]	White								.80			.24		1.35												.70	T.			1.02	1.90	6.01
Melbourne[2]	White		.24				T.	1.01	1.03			.02		2.82	.05										.16	3.30		1.20		.89	.46	11.68
Mena[2]	Ouachita		.02					T.	.21	T.	1.46	.42		1.92	.07							T.	T.	T.	.18	2.75	2.98	1.32	.12	.82	.02	12.29
Monticello[1]	Ouachita						.44	.10					1.90	.29						.14						.15				.33	1.20	4.55
Morobay[2]	Ouachita							.40				.05		1.52	.01					.24							.34			.03	1.36	3.95
Morrilton[2]	Arkansas		.30					.25	.05			1.00		2.50	.25										.30	1.95	1.15	.10		.54	.33	8.72
Mountainburg	Arkansas							2.21	T.		.19		5.37	.36												2.10	1.72	.89	.87	.19	.09	13.99
Mountain Home	White	T.						1.25					1.35	1.00											.85	2.75	.50		.20	.15	.20	8.25
Mountain Valley	Ouachita																															.....
Mountain View[2]	White	T.	.35					1.32				.04		2.60												1.62	T.	.27	T.	T.	1.40	7.60
Mount Ida	Ouachita		.14								.42		1.50	.83										.52		3.40	1.45	.04	.25	1.20	.07	9.82
Mulberry[2]	Arkansas								.46		T.	.85	3.29	2.05	.17											1.77	1.51	1.12		.51	T.	11.73
Nashville	Red		.14				T.	T.			T.		1.93	T.										.37	.05	1.23	1.06	.06		.63		5.47
Newhope[2]	Ouachita						T.																									.....
Newport[2]	White		.25					.41	.08			.50		2.35	.06					.50		.18				.70	.10	.45		.65	.20	6.43
Nimrod Dam[2]	Arkansas		.40					1.05	.55			1.60		1.85											.20	1 45	1.12	.04		.58	.64	9.48
Odell[2]	Arkansas								.80	.04			2.44	1.43	.33											2.56	1.34	1.13		1.17	.05	11.29
Oden	Ouachita	T.						.03			.32		.77	1.35										.12	.42	3.66	1.58	.11	.03	.54		8.93
Okay	Red							.15				.60		1.51										.05	.17	1.08	.89	.02		1.23		5.70
Osceola[2]	Mississippi																															.....
Ozark[2]	Arkansas								.26			.60	2.06	.14	.11											1.40	.45	1.18	.05	.43	.08	6.76
Paragould	St. Francis	T.					.17	.18		.46			.64	1.18						2.36					.02	1.12	.63	.15		.33	.80	8.04
Parkin[2]	St. Francis											.34		1.62	T.						.14	.36				.73	.09			3.40	.31	6.99
Perryville[2]	Arkansas		.15					.45	.02			1.78			2.27									*	*	2.45	1.05	.15		.54	.07	8.93
Pine Bluff[2]	Arkansas							.01						1.36	T.					.96	.02					1.06	.31	.30		1.05	.70	5.77
Pine Ridge[2]	Ouachita		.06								.84	.35		1.76											.67	2.85	2.67	1.59	.15	.72	.47	12.13
Pocahontas	White		.21					1.12	T.	.03	.07			2.05	.25					.03	.15					4.24	.02	.48		.01	.38	9.04
Portland[2]	Ouachita		.27					.35				.20		2.40	T.					T.							.45			.45	.64	4.76
Prescott[2]	Ouachita		.02					.04	T.			.02		1.85											.02	T.	2.48	.08		1.68	.06	6.25
Ratcliff[2]	Arkansas																															.....
Red Star	White							1.20					2.27	.93												2.30	1.15	.63	.69		T.	9.07
Rogers	White							.99					3.90	.33											2.16	1.21	1.13	.38	1.10	.33	.13	11.71
Rosebud	Arkansas																															.....
Russellville	Arkansas	.19						.84			.32		1.59	2.34										.14	.28	1.41	.50	.04	.16	.12	.08	8.01
St. Charles	White						.13	.02					.02	1.17						.04						.95	.05	T.		1.04	1.85	5.27
St. Francis[2]	St. Francis							.34	.26	T.	.67	.53		.87	.22						1.34		.11			1.63		.61			.28	6.86
Searcy[2]	White							.28	.17	.02		.93		3.48	.02					.16	.07	.18				.89	.14	.78		.10	.64	7.86
Sheridan	Ouachita		.37				.26	.15			.08		1.62	1.32						1.10						1.93	.42			.48	.54	8.27
Shirley[2]	White		.14					T.	.55			.45	1.39	T.												1.42	1.39	T.			T.	5.34
Siloam Springs	White	T.						.11					1.28	.20	.10							T.		T.	.71	1.53	2.23	.26	.82	1.21	.08	8.53
Sparkman	Ouachita																															.....
Stamps	Red		.01				.01	.01				.13	.01	2.19						T.					T.	.44	.20			2.57	.05	5.62
Stephens[2]	Ouachita						.08				.01	.06		1.84							T.			T.		.28	.39			1.53	.15	4.34
Steve[2]	Arkansas								1.12			1.51		1.66	.98											2.50	1.30			.90		9.97
Story[2]	Ouachita		.89									.83		2.53	.11										.23	2.23	1.21		.27		.57	8.87
Stuttgart[2]	Arkansas		.85				1.11	.80					1.80							.09	1.20					1.47	.56	T.	.38	.30	2.95	11.51
Stuttgart Evap	Arkansas		.30				.11	.52					1.50							1.30						1.03	.45			.63		5.84
Subiaco[2]	Arkansas							.17	.28			1.50	1.38	3.65	.37											1.06	.95	.16		.60	.34	10.46
Sugar Grove[2]	Arkansas								.54			1.20		4.02	.43									T.		1.30	1.43	.20		.22	.15	9.49
Texarkana[3]	Red		.07				.40	.08			.10		.70	T.						T.			.01	.02	1.03	.10	.90	T.		1.10	.57	5.08
Tichnor[2]	White		.49					.50				1.01		1.51													1.15				.05	4.71
Turnpike	Arkansas						.02	1.30		.18	.37		3.62	.63										.03	.18	1.39	.53		.54		.20	8.99
Viola[2]	White		.22					.60	.28			T.		2.84	.20											.35	2.60	.59	.85	.39	.21	9.13
Waldron[2]	Arkansas											.18		2.13	.11											1.90	1.40	1.00	.15	.75	.10	7.72
Walnut Grove	White						.14	.95	T.		T.		.98	2.20						.35						1.55	1.15		.10	.24	1.16	8.82
Warren	Ouachita		.06			T.	.34							2.05						.35						.38				.45	1.52	5.15
Whitecliffs[2]	Red											.77		1.47											.85	.35	1.40	.10		2.66	.10	7.70
White Rock	Arkansas							.95	T.		.05		5.50	.20										T.	.07	2.74	3.15	1.01	.45	.17		14.29
Wilson[2]	Mississippi											1.07		1.20									.28			1.10				2.30	.90	6.85
Wynne	St. Francis																															.....

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for September, 1945

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mthly
Bethesda	Evap.	.395	.236	.108	.188	.356	.158	.100	.206	.218	.311	.525	.241	....	.045	.145	.201	.049	.139	.080	.242	.154	.168	.249	.169	.495	-069	.161	.081	....	.098	4.877
	Mean tem.	78	76	73	72	74	75	76	78	82	71	66	68	59	63	62	66	64	66	74	84	80	78	82	78	68	71	73	68	65	67	71.6
	Wind move	30	37	37	10	15	28	35	41	42	27	39	37	49	144	22	26	38	8	41	37	23	54	63	55	62	19	36	48	44	38	1185
Hope, Exp. Farm	Evap.	.235	.230	.280	.203	.232	.243	.067	.141	.171	.236	.165	.254	.250	.133	.200	.200	.182	173	.197	.200	.167	.183	.207	.086	.089	.231	.172	.184	.198	.731	6.240
	Mean tem.	82	82	80	78	72	78	78	82	84	82	80	79	66	65	66	65	70	73	74	75	82	82	80	80	78	76	77	78	68	68	76.2
	Wind move	6	24	13	6	4	11	7	15	14	14	19	4	53	60	43	12	22	5	10	26	23	17	18	24	4	29	20	13	41	61	618
Nimrod Dam	Evap.	.212	.150	.240	.214	.228	.252	.062	.128	.252	.202	.246	.290	.042	.064	.192	.166	.162	.152	.154	.254	.118	.184	.214	.108	.158	.056	.124	.184	.036	.074	4.918
	Mean tem.	83	78	78	74	76	73	76	80	80	76	74	64	64	64	64	64	68	68	72	78	76	80	78	80	76	72	76	76	62	64	73.2
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Russellville	Evap.	.202	.200	.210	.188	.190	.156	.040	.158	.160	.182	.134	.186	....	.072	.148	.142	.142	.150	.202	.150	.142	.148	.165	.163	-010	.108	.126	.082	.082	.008	4.026
	Mean tem.	83	82	81	78	76	76	78	80	82	78	71	74	62	64	66	65	67	72	79	78	80	82	80	80	71	74	77	78	64	63	74.8
	Wind move	13	10	11	12	10	9	8	14	13	16	10	23	32	47	10	11	12	15	18	14	11	15	14	14	13	14	10	12	21	11	443
Stuttgart, Rice Exp. Farm	Evap.	.216	.296	.212	.196	.176	.158	.006	.201	.196	.086	.172	.032	.011	.138	.113	.148	.197	.086	.109	.136	.121	.184	.205	....	.152	.083	.216	.047	.237	.003	4.133
	Mean Tem.	80	80	78	81	79	78	78	80	82	82	80	64	62	61	66	66	70	71	78	78	78	81	80	80	72	76	78	77	72	71	75.0
	Wind move	25	30	15	15	25	35	60	50	60	20	10	90	80	60	35	35	30	20	50	40	60	50	50	....	90	35	20	45	60	80	1275

Daily Temperatures for September, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	96	90	90	88	90	86	85	90	91	90	86	94	65	73	78	77	82	85	88	86	88	89	86	86	80	81	86	87	73	65	84.4
	Minimum	68	67	63	59	61	67	69	67	68	66	56	60	58	49	49	50	53	57	66	65	69	68	68	68	62	63	64	68	58	53	62.0
Arkadelphia /	Maximum	99	95	95	93	92	86	90	93	95	88	90	85	70	79	84	80	86	90	92	92	92	93	91	90	85	88	90	90	68	78	88.0
	Minimum	63	65	62	58	59	60	66	65	65	66	59	57	57	45	45	45	50	52	54	62	68	65	65	66	62	61	60	64	62	53	59.4
Ashdown	Maximum	96	90	90	89	89	89	89	91	92	86	85	88	68	71	79	74	80	82	89	88	88	90	88	88	82	83	86	88	71	78	84.9
	Minimum	72	70	70	68	68	71	72	72	73	74	68	68	58	50	52	55	58	60	72	72	72	72	73	73	68	70	70	71	66	55	67.1
Batesville Air	Maximum	95	97	91	93	93	86	87	92	96	81	87	61	64	65	80	76	84	87	89	89	92	93	91	89	77	82	88	90	67	66	84.3
	Minimum	69	60	62	56	61	70	69	69	70	58	52	58	55	54	51	50	52	53	65	67	67	67	72	66	64	64	64	66	54	53	61.3
Batesville, Livestk	Maximum	93	90	90	91	90	90	86	94	93	80	78	87	65	64	78	76	78	86	87	87	90	90	91	90	90	82	87	84	67	71	84.2
	Minimum	66	58	66	67	65	72	70	73	70	75	56	55	63	61	59	55	56	60	68	75	77	76	72	72	74	74	73	74	64	62	66.9
Bee Branch	Maximum	93	96	95	92	95	88	84	89	91	88	86	84	64	65	80	78	83	85	87	89	88	88	87	86	84	79	86	86	68	69	84.4
	Minimum	68	60	63	55	60	67	69	66	65	65	49	56	58	50	46	48	52	55	63	63	67	69	71	70	62	63	64	66	55	53	60.6
Benton /	Maximum	95	97	91	88	90	86	87	88	92	86	89	67	68	75	77	80	80	86	88	86	89	89	90	87	80	80	88	88	66	73	84.2
	Minimum	61	61	62	57	57	60	69	65	66	64	56	58	59	45	46	46	47	48	50	62	64	64	65	67	62	63	64	63	64	54	59.0
Bentonville /	Maximum	99	98	86	96	92	88	81	92	92	78	91	62	67	72	79	72	81	85	87	84	87	88	86	71	82	71	78	65	54	67	81.0
	Minimum	67	55	57	62	58	58	60	67	64	63	46	47	51	50	43	44	50	54	57	56	56	68	71	59	58	59	60	58	47	48	56.4
Bethesda /	Maximum	93	93	89	91	91	85	85	94	93	77	86	61	62	73	79	75	81	84	87	89	89	90	90	88	74	82	86	71	76	72	82.9
	Minimum	63	58	57	52	56	65	68	63	70	65	47	55	56	53	46	56	46	49	60	69	62	66	74	68	61	60	60	64	54	62	59.5
Bluff City	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Blytheville	Maximum	91	89	85	90	89	88	87	88	92	84	82	78	70	65	72	75	78	86	83	85	89	88	90	88	80	84	88	88	74	80	83.5
	Minimum	71	63	60	63	64	72	70	70	70	71	58	59	62	53	55	52	53	57	65	67	66	69	72	73	65	64	70	70	59	57	64.0
Booneville	Maximum	102	99	98	96	94	90	87	95	95	90	92	84	70	77	80	78	82	87	90	90	92	90	86	89	86	77	84	80	67	72	86.6
	Minimum	67	60	60	66	58	65	69	70	68	68	56	62	56	52	47	53	55	60	66	66	72	74	76	74	64	64	65	66	59	57	63.2
Brinkley	Maximum	100	96	93	94	92	87	87	92	95	87	89	75	66	74	79	79	84	87	88	88	91	92	91	90	81	87	89	89	80	80	86.7
	Minimum	61	63	59	55	57	71	67	67	68	61	54	50	51	51	50	51	54	55	66	67	68	69	69	72	65	65	65	69	56	56	61.1
Camden	Maximum	97	97	95	95	92	85	81	98	95	91	95	93	72	82	81	89	89	92	94	93	95	93	90	92	85	92	93	93	84	85	90.3
	Minimum	69	64	63	62	62	72	68	70	70	74	66	63	61	51	52	53	52	58	57	69	67	69	69	72	63	65	68	70	64	64	64.2
Camp Robinson	Maximum	94	93	91	91	93	84	88	89	93	82	87	80	65	71	78	77	83	85	88	87	90	91	88	87	79	83	87	87	71	73	84.5
	Minimum	70	67	68	60	63	70	70	69	71	65	61	58	54	51	50	51	51	51	68	66	69	69	71	73	63	68	66	67	55	55	63.0
Conway	Maximum	98	98	95	95	95	87	86	90	95	87	90	88	68	72	84	80	85	88	91	88	92	93	89	90	82	86	90	90	71	69	87.1
	Minimum	67	62	65	59	62	70	72	69	69	70	58	60	58	51	51	51	56	58	68	67	69	71	70	71	64	65	65	70	60	50	63.3
Corning	Maximum	94	92	86	90	90	89	88	88	95	85	83	72	64	63	75	76	80	84	86	85	90	90	90	84	76	81	87	87	72	71	83.1
	Minimum	68	59	58	57	62	70	71	67	69	70	51	58	59	54	51	50	51	53	62	64	67	66	71	73	63	61	67	67	55	53	61.6
Crossett	Maximum	98	94	96	92	88	84	91	94	95	94	90	92	91	80	81	77	85	90	91	91	91	92	91	92	80	90	90	93	85	85	89.4
	Minimum	65	73	63	60	62	71	69	67	69	71	69	61	63	48	50	52	55	57	74	71	68	68	68	71	67	66	65	67	70	64	64.8
Cummins Farm	Maximum	95	90	88	90	88	83	86	90	92	99	86	79	69	75	79	76	83	76	88	89	90	91	90	89	82	87	82	90	82	78	85.4
	Minimum	65	73	67	60	61	72	70	70	70	74	64	56	62	49	52	54	56	58	69	68	68	67	70	72	65	68	67	71	65	64	64.9
Dardanelle	Maximum	100	94	96	94	93	94	85	93	94	94	89	92	66	77	83	84	83	97	90	91	90	92	90	90	89	82	90	88	68	71	88.0
	Minimum	70	61	66	62	61	69	72	71	71	74	58	62	60	54	50	53	55	59	69	69	72	72	75	72	64	65	65	70	62	56	64.6
De Queen	Maximum	94	90	90	88	87	85	87	90	89	87	85	85	71	76	78	76	79	85	87	89	88	90	89	89	86	88	80	85	82	71	84.9
	Minimum	69	69	63	65	61	65	61	69	69	71	63	60	56	49	48	54	54	56	58	59	58	59	59	59	60	61	63	64	64	64	61.0
Des Arc	Maximum	97	93	90	93	92	86	86	92	96	92	87	86	65	72	78	77	82	86	89	90	92	92	92	90	89	86	89	90	86	80	87.2
	Minimum	65	65	65	57	61	70	71	69	70	70	55	58	57	50	57	51	55	57	66	67	69	70	72	72	63	65	66	69	58	54	63.1
Devils Knob	Maximum	93	93	91	89	89	80	75	84	86	75	82	75	59	66	75	75	75	78	81	82	83	81	76	77	76	73	76	74	62	65	78.2
	Minimum	71	71	65	66	68	69	65	67	70	60	60	56	49	48	54	52	55	59	66	72	69	68	68	67	59	60	62	60	49	50	61.8
Dumas	Maximum	98	91	89	95	90	83	90	90	94	93	87	87	76	79	80	78	84	89	90	90	92	93	92	92	80	90	90	91	82	83	87.9
	Minimum	67	72	65	60	63	65	70	70	72	74	66	59	62	51	54	52	54	59	72	69	69	70	71	72	67	68	68	70	63	51	65.0
El Dorado	Maximum	93	90	89	85	86	90	94	93	96	89	90	74	76	78	76	82	88	90	90	91	90	85	89	79	88	85	86	78	75	75	85.6
	Minimum	65	74	64	61	67	69	72	68	70	70	69	67	64	53	53	55	57	60	75	73	71	72	73	73	73	68	75	76	69	65	67.4
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	96	96	95	96	93	89	82	90	91	85	89	82	60	70	78	78	80	83	86	85	88	87	84	78	81	76	79	75	64	61	82.6
	Minimum	73	63	63	67	62	62	68	69	72	62	57	58	52	51	47	50	54	56	64	58	71	72	73	60	60	61	61	59	48	49	60.7
Fayetteville	Maximum	97	96	95	98	94	89	84	91	92	85	90	80	66	71	78	82	81	84	86	85	87	87	83	79	84	75	81	73	63	69	83.5
	Minimum	72	55	59	69	57	61	70	70	70	64	49	58	53	52	45	50	55	60	68	58	71	73	73	63	61	62	61	60	50	51	60.7
Fayetteville Exp. S	Maximum	96	97	95	96	93	89	85	91	92	91	90	86	65	70	78	80	79	82	86	85	87	85	84	79	83	80	79	78	64	68	83.8
	Minimum	70	53	56	65	54	58	67	69	67	62	46	57	51	50	44	48	49	55	67	57	70	71	72	61	60	61	60	59	48	50	58.6
Fordyce	Maximum	100	96	94	95	94	89	90	94	94	91	93	90	70	80	83	79	87	89	91	92	91	92	90	90	85	89	91	90	81	83	89.1
	Minimum	70	71	66	63	65	72	69	71	72	75	65	66	62	50	54	55	56	62	62	73	70	72	71	72	66	68	71	70	61	58	65.9
Fort Smith	Maximum	98	98	94	94	93	88	87	93	93	81	90	72	71	75	81	79	83	88	90	87	91	91	87	91	84	73	81	75	64	69	84.7
	Minimum	74	65	68	71	65	70	72	72	73	64	57	62	57	54	52	57	58	61	69	65	74	75	75	72	64	65	65	63	57	59	65.2
Gilbert	Maximum	95	95	92	91	93	87	83	92	92	78	88	68	68	67	80	79	83	85	88	84	90	90	85	81	83	79	87	84	56	70	83.1
	Minimum	62	55	56	56	56	56	65	67	63	64	49	49	55	54	46	46	49	50	51	62	62	64	70	68	62	62	63	65	54	52	57.8
Grannis	Maximum	96	93	94	89	89	87	87	90	90	85	88	81	71	84	81	78	82	86	90	87	90	91	87	89	87	84	84	85	71	73	85.6
	Minimum	67	68	62	64	62	64	66	68	67	71	57	64	58	48	49	58	54	58	69	67	69	69	70	69	62	62	62	65	62	57	62.9
Gravette	Maximum	96	95	91	95	95	86	86	85	84	84	86	86	62	65	69	79	75	79	85	84	85	85	82	79	78	78	74	74	60	65	80.9
	Minimum	73	53	60	66	58	58	69	69	67	62	45	58	53	51	42	50	54	57	66	55	70	69	73	60	60	61	61	58	47	50	59.2
Green Mountain	Maximum	95	94	95	94	89	85	83	86	95	85	74	70	62	62	68	74	77	81	86	87	86	89	88	88	75	79	85	83	66	65	81.5
	Minimum	65	64	64	65	64	70	70	68	75	69	63	55	52	50	48	50	51	57	70	69	68	69	69	68	66	60	64	64	50	50	62.2
Harrison	Maximum	98	97	94	95	93	85	82	92	93	80	88	84	72	66	84	78	82	85	89	85	88	89	83	80	83	76	83	78	66	72	84.0
	Minimum	69	55	59	59	56	62	68	69	67	65	48	58	54	51	45	47	50	54	65	61	70	70	75	65	62	64	63	64	53	52	60.0
Helena	Maximum	92	89	87	92	88	85	86	89	91	89	85	80	67	69	75	75	81	87	87	86	89	90	89	87	80	86	88	88	80	80	84.6
	Minimum	68	71	67	64	66	72	71	71	72	74	60	61	61	50	53	52	58	63	71	72	69	73	72	72	64	67	71	72	63	60	66.0
Hope	Maximum	97	94	95	92	91	89	90	95	95	90	92	91	71	79	82	78	85	90	90	82	93	93	90	90	85	89	90	90	69	77	87.8
	Minimum	67	71	65	64	63	67	67	70	72	74	67	67	61	51	51	52	55	56	59	68	71	71	71	71	71	64	64	67	66	58	64.7
Hot Springs	Maximum	97	96	94	95	93	88	87	92	92	91	91	88	69	76	83	81	85	87	90	85	90	91	90	86	82	85	88	87	74	75	86.9
	Minimum	75	69	66	64	64	69	70	72	73	69	60	62	59	52	52	52	56	62	71	70	72	70	72	71	64	64	66	70	60	55	65.0
Jonesboro	Maximum	95	93	90	92	90	86	87	89	95	91	86	84	64	65	73	76	81	87	87	88	90	91	90	88	84	83	88	88	80	74	85.2
	Minimum	70	63	64	61	64	72	72	70	71	69	56	56	57	53	53	54	55	56	63	67	64	66	70	72	63	63	67	68	56	53	62.9
Lead Hill	Maximum	102	101	96	97	97	87	81	94	96	81	90	75	66	69	81	79	83	86	91	87	90	91	83	81	81	75	86	78	66	69	84.6
	Minimum	64	52	57	56	53	61	69	69	67	65	45	59	55	52	42	46	46	50	60	63	68	69	70	63	62	65	63	65	51	52	58.6
Little Rock	Maximum	96	91	89	90	89	83	86	90	92	80	87	69	65	72	80	75	81	85	88	87	90	91	88	87	76	80	87	88	69	73	83.5
	Minimum	69	71	68	66	68	72	71	71	72	69	63	60	57	50	52	56	59	61	70	69	70	71	73	73	65	65	68	69	56	56	65.3
Lutherville	Maximum	101	95	93	90	96	88	83	85	90	90	87	87	64	71	80	81	82	84	87	86	88	85	85	85	81	84	80	79	79	70	84.5
	Minimum	69	64	64	64	61	71	70	72	65	66	54	59	55	51	48	57	54	58	67	67	64	72	72	70	62	64	65	63	55	56	62.6
Magnolia	Maximum	98	95	95	92	92	88	90	95	95	94	89	91	73	78	81	78	84	89	90	94	93	93	90	91	84	90	90	..	..	..	89.3
	Minimum	68	73	65	62	64	71	70	69	71	73	68	64	60	49	50	62	55	60	73	72	70	71	71	72	68	65	68	..	..	..	66.1
Mammoth Spring	Maximum	92	92	89	91	90	88	86	89	93	91	85	84	62	61	77	75	72	71	75	72	75	75	75	79	75	75	85	83	69	64	79.7
	Minimum	65	56	66	55	60	66	70	69	65	67	50	58	54	54	49	49	49	43	50	65	63	65	68	68	63	62	58	63	53	52	59.2
Marianna /	Maximum	93	87	92	89	89	87	90	94	87	88	74	68	69	77	77	85	88	89	88	89	92	90	89	81	88	88	80	74	82	79	85.1
	Minimum	62	64	64	59	62	71	70	67	74	56	55	60	49	51	56	55	58	68	68	67	58	70	71	71	64	66	67	70	68	58	63.3
Marked Tree /	Maximum	97	91	89	95	93	90	90	92	96	82	86	68	66	70	72	77	83	88	88	89	90	92	91	89	76	87	88	89	62	80	84.9
	Minimum	65	62	62	60	61	63	71	70	69	70	56	56	57	51	53	52	52	54	56	66	64	66	68	72	64	64	65	68	61	56	61.8
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mena	Maximum	98	95	96	93	92	88	88	93	91	84	92	83	68	76	82	81	85	86	89	82	89	91	88	88	84	82	85	85	66	72	85.7
	Minimum	67	64	61	63	58	64	68	70	67	66	53	63	57	48	48	51	51	56	66	65	70	71	72	70	63	61	62	66	58	55	61.8
Monticello	Maximum	96	94	92	92	92	88	89	92	94	92	89	90	71	77	80	77	86	88	88	91	91	91	91	90	82	89	88	89	83	84	87.9
	Minimum	68	72	68	68	68	71	70	70	70	74	66	64	55	51	58	55	58	64	74	72	69	72	72	72	67	68	71	71	67	61	66.9
Morrilton /	Maximum	104	96	96	92	96	88	88	93	97	85	95	71	69	75	82	80	83	90	95	90	95	97	94	95	78	83	92	70	74	75	87.3
	Minimum	66	61	65	59	59	65	72	68	69	73	56	58	59	53	48	49	50	51	60	66	69	71	71	71	63	63	65	67	60	55	62.1
Mountain Home	Maximum	98	92	91	92	94	85	85	92	94	81	86	82	64	64	79	78	81	85	87	89	90	91	89	80	82	79	85	84	70	66	83.8
	Minimum	67	55	59	57	59	66	69	69	65	66	47	58	54	51	45	49	49	53	53	53	65	66	65	63	62	63	65	66	52	51	58.7
Mt. Ida	Maximum	96	90	93	90	89	86	88	90	92	86	89	75	69	77	80	77	80	89	87	87	89	92	89	87	85	84	87	87	74	73	85.2
	Minimum	65	59	64	59	56	63	67	65	70	69	56	58	58	49	43	45	49	52	67	62	68	71	74	76	64	63	62	67	60	57	61.3
Nashville	Maximum	96	94	94	91	91	89	91	95	96	91	91	90	73	78	80	79	82	87	89	91	91	92	89	90	83	88	89	88	74	77	87.6
	Minimum	68	71	65	65	64	68	67	68	68	70	62	65	61	50	50	53	56	59	72	66	72	68	72	69	65	64	67	69	60	58	64.4

Daily Temperatures for September, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Newport	Maximum	97	95	90	96	95	89	90	93	98	87	87	75	68	67	81	80	84	90	91	91	92	94	93	92	81	86	91	90	73	68	86.8
	Minimum	67	63	64	59	63	72	74	70	70	75	54	58	59	53	52	54	54	55	64	67	66	70	72	74	65	66	66	69	62	55	63.7
Nimrod Dam /	Maximum	99	92	93	90	93	86	83	90	92	79	89	68	69	74	80	78	83	85	89	90	90	90	86	89	88	80	87	87	63	73	84.5
	Minimum	67	63	63	59	59	60	69	69	69	74	58	60	60	54	49	50	52	52	55	66	63	69	70	70	63	64	65	65	61	55	61.2
Oden	Maximum	97	96	97	92	93	89	89	93	94	84	93	76	70	77	83	82	85	88	90	88	92	90	82	90	85	82	89	88	70	76	86.7
	Minimum	66	61	72	62	58	66	67	68	67	70	55	64	58	50	46	48	50	57	67	64	70	72	71	72	65	65	64	70	58	58	62.7
Okay	Maximum	99	99	99	94	93	92	90	94	94	94	93	92	76	80	83	83	84	88	89	92	94	93	94	90	87	88	89	90	75	82	89.7
	Minimum	67	65	64	64	62	68	66	70	73	72	67	67	60	49	48	50	52	56	71	66	71	70	70	71	65	64	66	69	65	60	64.3
Ozark	Maximum	100	98	96	95	94	94	86	92	93	86	89	85	69	75	82	78	84	85	91	89	92	91	85	88	90	86	87	78	68	69	86.5
	Minimum	70	59	63	67	68	61	70	72	69	67	54	63	57	55	49	54	55	55	68	51	70	72	75	75	64	65	65	65	58	60	63.2
Paragould	Maximum	94	90	85	89	87	89	87	89	93	85	89	74	66	64	72	75	79	83	84	84	88	89	88	88	80	80	86	86	75	73	83.0
	Minimum	68	65	60	59	68	72	72	68	69	70	55	55	57	54	55	52	54	53	62	65	65	67	71	72	65	62	68	68	56	54	62.7
Perryville	Maximum	98	94	92	91	94	90	89	96	94	90	89	85	75	76	75	82	84	87	93	93	94	91	90	97	84	84	89	89	86	85	88.5
	Minimum	63	59	62	56	57	65	64	66	66	66	57	59	51	58	51	52	52	55	65	64	64	66	69	68	62	62	64	67	62	57	61.0
Pine Bluff	Maximum	99	96	94	94	93	86	90	94	96	88	93	75	65	75	81	83	86	91	90	90	90	94	93	90	85	88	90	92	80	79	88.0
	Minimum	70	72	69	65	67	73	73	73	74	77	64	62	62	52	55	56	58	62	72	72	71	73	73	74	66	69	69	72	69	59	67.4
Pocahontas	Maximum	96	96	94	95	95	95	90	91	96	95	88	84	64	63	79	80	82	87	87	85	91	92	90	90	77	82	89	89	72	67	86.0
	Minimum	68	60	61	58	64	69	71	68	68	70	53	55	57	54	49	52	54	54	61	65	66	65	71	72	63	61	66	65	53	52	61.5
Portland	Maximum	94	93	90	92	85	83	88	91	92	94	88	88	82	76	80	76	85	89	90	90	91	92	93	90	87	90	90	90	82	84	87.8
	Minimum	68	77	68	63	65	[illegible]	70	68	71	74	69	62	63	51	54	54	57	60	73	73	68	70	70	70	73	67	69	72	69	66	66.8
Prescott	Maximum	99	98	95	99	92	91	90	94	95	93	91	90	72	79	81	78	85	90	90	92	92	93	92	84	85	90	90	91	81	77	89.0
	Minimum	70	72	68	66	66	72	68	72	73	75	67	64	63	51	53	55	58	60	74	71	71	72	72	72	66	65	68	71	65	58	66.6
Rogers	Maximum	96	97	95	96	92	90	79	89	91	79	88	72	65	71	78	80	80	83	86	83	86	87	84	65	81	76	77	71	63	69	81.6
	Minimum	71	85	61	66	58	61	69	69	71	62	58	59	53	51	44	49	49	55	65	57	69	70	72	61	60	60	60	60	49	49	60.8
Russellville	Maximum	98	96	93	91	92	85	84	92	93	85	87	87	65	74	82	79	82	87	90	89	90	91	88	89	78	81	89	86	69	70	85.4
	Minimum	68	68	69	64	60	68	72	69	72	71	55	60	59	54	49	51	52	57	68	68	71	73	73	72	64	66	65	69	59	56	64.1
St. Charles	Maximum	97	96	92	93	93	87	89	92	94	92	88	87	77	72	79	79	87	89	90	90	92	93	91	91	88	88	90	90	88	83	88.6
	Minimum	66	68	64	61	62	70	69	69	70	72	57	57	57	49	52	51	54	58	66	67	66	68	69	68	63	65	67	68	60	57	63.0
Searcy	Maximum	100	97	94	93	94	87	90	93	96	86	91	79	70	69	81	79	85	90	91	90	93	95	92	90	81	85	90	89	72	70	87.1
	Minimum	65	72	65	59	63	70	72	69	69	70	55	57	58	53	50	53	55	56	68	65	67	70	72	72	66	65	65	68	58	55	63.4
Sheridan	Maximum	96	91	91	90	90	85	87	90	92	86	88	70	67	74	79	76	83	87	88	85	90	92	89	88	83	86	90	88	74	74	81.6
	Minimum	65	65	63	56	69	68	70	68	69	69	59	57	59	47	50	48	52	55	68	67	67	69	70	70	62	60	65	68	53	55	61.8
Siloam Springs	Maximum	96	97	95	96	92	89	86	93	94	84	91	74	68	72	79	81	80	83	88	84	86	88	86	77	81	74	77	76	73	65	83.5
	Minimum	72	53	59	68	58	59	69	69	68	63	45	58	52	51	44	49	52	57	66	55	71	73	73	61	60	61	61	49	47	51	59.1
Stuttgart	Maximum	97	92	90	91	90	87	86	91	93	91	86	82	67	73	78	77	83	87	88	89	91	91	90	89	83	86	90	89	83	82	86.4
	Minimum	69	68	68	64	66	72	71	71	72	76	64	60	60	51	55	54	57	61	69	71	70	72	72	73	65	68	69	71	62	58	66.0
Stuttgart Evap.	Maximum	95	92	89	96	88	84	84	90	91	86	87	70	65	71	78	77	84	86	86	87	88	90	88	88	80	86	88	88	74	83	84.6
	Minimum	66	69	68	65	66	72	72	72	74	77	62	58	58	51	54	54	56	56	69	68	69	72	71	71	65	65	67	70	69	59	65.5
Subiaco	Maximum	98	98	96	95	95	89	82	93	92	89	89	81	68	73	80	76	81	85	88	88	90	89	85	88	85	73	79	79	68	77	85.0
	Minimum	71	65	65	78	62	68	70	70	79	67	58	60	55	53	50	53	54	60	67	67	72	72	75	71	66	63	64	65	57	55	64.4
Texarkana	Maximum	98	95	94	92	91	85	88	92	98	91	89	93	73	78	79	79	84	88	90	93	91	92	85	89	86	90	88	90	71	80	87.6
	Minimum	73	72	67	67	67	68	70	71	74	72	70	63	58	52	54	55	57	60	74	73	72	72	73	74	69	64	68	69	62	60	66.7
Turnpike	Maximum	93	90	90	88	89	79	78	85	85	78	81	71	58	63	73	74	75	77	79	81	82	81	78	80	76	75	79	75	62	66	78.0
	Minimum	69	65	62	63	66	64	64	65	66	68	60	52	48	46	53	49	53	59	65	64	66	66	65	66	56	58	60	57	46	47	59.3
Waldron	Maximum	99	95	86	93	92	89	89	94	93	90	91	87	70	75	81	80	84	87	91	89	91	90	87	90	88	81	87	84	65	72	86.7
	Minimum	64	59	58	61	55	62	68	69	65	67	50	60	56	50	43	47	47	53	67	64	67	74	75	69	63	62	63	64	57	56	60.5
Warren	Maximum	97	95	90	92	90	88	89	94	94	92	89	91	70	76	79	79	84	90	89	90	90	94	92	93	90	88	91	91	87	83	88.6
	Minimum	69	74	65	65	66	72	73	73	72	75	68	63	63	53	54	56	57	61	74	74	72	73	72	73	68	68	68	68	65	63	67.2
White Rock	Maximum	95	95	93	92	90	85	79	85	86	76	84	74	61	69	76	74	77	79	83	85	82	84	82	79	80	75	76	77	64	63	80.0
	Minimum	69	65	67	65	66	69	63	64	69	60	58	55	39	47	50	51	55	59	65	66	64	63	62	66	57	58	58	58	52	48	59.6
Wilson	Maximum	93	90	87	92	90	90	90	92	91	95	82	82	67	68	68	69	72	79	87	86	89	90	92	92	86	86	86	85	80	86	84.7
	Minimum	67	59	59	58	59	69	70	67	69	68	54	57	57	50	51	51	49	50	54	54	64	64	66	66	61	62	66	65	59	55	60.0
Wynne /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily River Stages for September, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	5.5	5.4	5.3	5.2	5.1	5.1	5.1	5.0	5.0	5.0	4.9	4.9	5.0	4.8	3.7	3.7	3.5	3.4	3.2	2.9	2.8	2.8	2.6	2.6	2.8	3.6	17.6	21.4	23.0	25.4
Van Buren	do	22	6.5	6.4	6.4	6.3	6.2	6.1	6.1	6.1	6.0	6.0	6.0	5.9	6.4	6.2	5.2	5.0	4.8	4.7	4.5	4.4	4.1	4.1	4.1	4.1	4.3	5.1	18.3	22.3	24.0	26.0
Danville	Petit Jean	20	2.8	3.0	2.9	2.9	2.8	2.6	2.6	2.6	2.6	2.6	3.0	2.8	9.9	18.1	18.1	10.7	5.3	4.3	3.9	3.7	3.4	3.3	3.2	3.1	3.2	5.3	12.8	17.1	19.2	18.4
Ozark	Arkansas	22	2.0	2.0	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1	2.9	2.6	1.8	1.2	1.0	0.8	0.6	0.6	0.2	0.2	0.2	0.2	0.1	1.8	8.9	17.2	19.6	21.5
Dardanelle	do	22	4.0	3.9	3.8	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.3	7.0	6.3	5.6	4.4	3.2	2.7	2.6	2.4	2.1	1.9	1.5	1.8	2.0	2.1	3.3	17.2	21.3	23.0
Morrilton	do	20	-0.9	-1.0	-1.1	-1.2	-1.2	-1.3	-1.4	-1.5	-1.4	-1.4	-1.4	-1.5	-1.4	2.1	1.8	1.0	-0.1	-0.7	-1.4	-1.7	-1.8	-2.3	-2.4	-2.6	-2.5	-2.0	-1.4	6.6	14.2	16.4
Little Rock	do	23	2.8	2.8	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.6	2.5	3.2	4.6	5.9	5.5	4.8	3.9	3.3	2.9	2.5	2.2	2.0	1.9	1.9	2.1	2.9	3.8	13.2	16.5
Pine Bluff	do	25	3.7	3.5	3.4	3.3	3.1	3.0	2.8	2.8	2.8	2.7	2.7	2.8	3.0	4.2	6.7	7.6	7.0	6.0	5.2	4.4	3.8	3.3	2.9	2.7	2.5	2.5	2.8	4.0	9.2	18.7
Gilbert	Buffalo	30	4.0	4.0	4.0	3.9	3.9	3.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.9	4.7	4.6	4.4	4.2	4.2	4.1	4.0	4.0	4.0	4.0	5.0	6.5	5.7	4.6	5.4	5.5
Black Rock	Black	14	3.6	3.5	3.4	3.4	3.3	3.3	3.3	3.4	3.4	3.3	3.4	3.4	3.8	5.7	4.9	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.8	3.7	11.5	14.4	13.0	11.9	12.3	11.0
Ozark Beach Mo.	White	30	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.3	-0.3	-0.3	-0.2	1.4	0.3	-0.3	-0.2	-0.3	-0.4	1.6	1.6	4.4	6.9	8.3	7.7	8.9
Cotter	do	21	1.6	1.5	1.4	1.4	1.1	1.2	1.6	1.8	1.6	1.6	1.7	1.3	1.4	2.4	2.1	2.0	2.1	2.0	2.0	2.0	2.0	1.7	1.8	1.7	5.8	5.6	5.4	5.1	9.1	8.8
Calico Rock	do	18	0.6	0.6	0.6	0.5	0.5	0.3	0.5	0.7	1.0	0.8	6.5	0.8	1.3	1.1	2.3	1.7	1.6	1.4	1.1	1.2	1.4	1.1	1.0	0.9	2.8	7.2	5.6	5.8	8.2	7.6
Batesville	do	23	5.9	5.9	5.9	5.8	5.7	5.7	5.7	5.9	6.2	6.7	6.1	10.0	7.9	7.3	6.6	7.7	7.0	7.0	6.6	6.8	6.4	6.5	6.3	6.6	7.0	11.0	13.7	11.2	12.2	14.2
Newport	do	26	1.9	1.9	1.9	1.7	1.6	1.5	1.5	1.6	1.9	2.3	2.2	4.8	4.5	4.6	4.4	3.8	3.7	3.3	3.0	2.7	2.5	2.5	2.4	2.2	2.1	6.9	12.5	13.3	13.3	14.8
Augusta	do	32	13.1	13.0	12.9	12.7	12.6	12.6	12.4	12.4	12.5	12.7	13.2	13.2	16.0	15.8	16.2	16.0	15.6	15.2	14.7	14.5	14.2	13.9	13.8	13.6	13.5	13.1	19.5	24.3	25.3	26.0
Sugar Loaf Mt.	Little Red	..	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.7	2.6	3.6	6.8	5.5	5.0	4.6	4.3	4.1	3.9	3.7	3.6	3.5	3.4	3.4	4.1	7.2	6.8	5.9	5.7
Georgetown	White	21	4.0	3.8	3.6	3.5	3.4	3.3	3.3	3.2	3.2	3.2	3.4	3.7	4.8	6.3	7.0	7.0	6.7	6.2	5.9	5.4	5.1	4.9	4.6	4.4	4.3	4.1	7.4	12.4	14.0	14.9
Des Arc	do	24	6.0	5.8	5.6	5.5	5.4	5.3	5.2	5.1	5.1	5.0	5.1	5.4	6.0	7.8	8.6	9.2	9.2	8.9	8.5	7.9	7.4	7.2	6.6	6.5	6.3	6.1	6.7	10.6	13.8	15.5
Clarendon	do	26	10.5	10.2	9.9	9.6	9.4	9.3	9.2	9.1	9.0	9.0	9.0	9.1	9.7	10.4	11.6	12.7	13.3	13.5	13.3	13.0	12.4	11.9	11.6	11.2	11.0	10.8	10.6	11.2	14.1	16.8
St. Charles	do	25	10.4	10.2	9.9	9.6	9.4	9.2	9.1	9.0	8.9	8.8	8.8	8.8	9.1	9.5	10.3	11.4	12.3	12.6	12.6	12.5	12.2	11.6	11.3	11.0	10.8	10.5	10.3	10.3	11.7	14.1
Glenwood	Caddo	..	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.4	5.6	5.4	5.3	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.4	5.7	7.4	7.0	6.2	6.2	7.0
Arkadelphia	Ouachita	17	5.3	4.3	4.2	4.0	4.0	3.8	3.9	4.0	3.7	3.8	3.7	3.8	4.1	6.5	5.5	4.8	4.3	5.3	6.4	6.3	6.2	5.2	5.5	4.4	5.6	7.0	14.2	15.1	13.4	13.4
Boughton	Little Mo.	20	4.8	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.3	4.2	4.6	5.6	5.0	5.0	5.0	4.9	4.8	4.8	4.8	4.7	4.6	4.5	4.4	4.6	8.2	8.9	10.2	8.3
Camden	Ouachita	26	4.9	4.9	5.2	4.9	4.1	4.3	4.1	4.0	4.0	4.2	4.0	3.9	4.1	4.6	6.4	7.3	6.8	6.2	5.8	5.9	6.4	6.3	6.1	5.6	5.6	5.2	6.3	11.5	16.0	18.7
Benton	Saline	20	4.2	4.1	4.0	4.0	3.8	3.7	3.7	4.2	4.0	3.9	3.9	3.9	8.2	9.2	9.0	7.3	5.7	5.3	5.0	4.7	4.7	4.6	4.4	4.3	4.2	8.2	10.6	8.2	8.3	9.5
Index	Red	25	9.0	8.8	8.4	8.3	8.0	7.9	7.8	7.1	7.2	7.4	7.6	7.6	7.6	7.4	7.3	7.4	7.5	7.4	7.4	7.3	7.1	7.1	7.1	7.4	7.2	7.4	7.4	8.3	13.2	16.6
Fulton	do	25	10.2	9.9	9.4	9.0	8.8	8.8	8.6	8.2	7.7	7.2	8.4	8.4	8.5	8.3	8.2	8.1	8.3	8.3	8.2	8.0	7.9	7.5	7.2	7.6	8.0	8.0	8.2	10.7	13.9	17.5
St. Francis	do	18	9.9	9.0	8.4	7.8	7.3	6.3	5.1	4.4	3.7	3.3	4.7	5.4	5.8	5.8	5.0	4.5	3.8	4.1	5.7	7.2	6.7	6.6	7.2	8.6	10.7	13.7	15.4	16.1	16.7	17.4
St. Francis L.L.	do	..	20.2	20.1	20.0	19.8	19.6	19.5	19.3	19.0	18.8	18.6	18.5	18.4	19.0	18.9	18.6	18.2	17.9	17.5	17.1	16.8	17.0	17.1	17.2	17.4	17.3	17.1	17.1	17.3	17.8	18.5
Marked Tree	do	17	7.3	7.2	7.1	7.0	7.0	7.0	6.9	6.8	6.7	6.5	6.5	6.4	4.8	6.0	6.6	6.5	6.3	6.2	6.0	5.8	5.7	5.3	5.2	5.1	5.3	5.3	5.3	5.3	5.6	6.0
Parkin	do	28	7.6	7.5	7.5	7.4	7.3	7.1	7.0	6.9	6.8	6.6	6.4	6.3	6.2	5.7	5.7	6.1	6.2	6.1	6.0	5.8	5.9	6.5	6.2	5.8	5.5	5.4	5.4	5.4	6.0	6.1
Madison	do	32	7.3	7.1	7.1	6.9	6.8	6.7	6.5	6.2	6.0	5.7	5.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Mississippi	44	11.3	10.9	10.1	9.2	8.4	8.0	7.9	8.2	8.3	8.4	8.1	7.9	8.2	8.7	9.0	9.1	9.2	9.3	9.6	9.8	10.0	10.2	10.1	10.0	10.1	10.4	11.0	12.8	15.3	17.3
Arkansas City	do	42	10.5	10.0	9.6	9.0	8.1	7.3	6.8	6.6	6.7	6.8	6.8	6.6	6.7	6.7	7.0	7.5	8.2	8.5	8.6	8.7	8.7	8.7	8.7	8.6	8.4	8.4	8.5	9.1	10.5	13.3

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devil's Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—11-14-1945—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. L LITTLE ROCK, ARK., OCTOBER, 1945 No. 10

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

October was cooler than normal in Arkansas, averaging 2.0° below normal for the State as a whole. Although this was the coolest October since 1937 and the second coolest since 1930, only a few northern stations experienced freezing temperatures. The highest temperatures of the month were recorded between the 11th and 13th, and the lowest on the 19th or 25th. This was the first October since 1890 during which a temperature of 90° or higher was not reported in the State.

Precipitation averaged very close to normal, considering the entire State. Although the rainfall was adequate in all sections, it was heaviest in the southern section and lightest in the north central counties. Evening Shade was the only station that measured less than an inch during the month. Most stations measured their heaviest rains on the 1st and 22nd.

Most of the major rivers in Arkansas were rising early in the month as a result of heavy rain during the last week in September. Some flooding occurred along the Arkansas above Little Rock, but property loss was small.

Harvesting of cotton, corn, rice, and other crops proceeded under favorable weather conditions during most of October. Cotton was maturing slowly and a considerable portion of the crop remained to be picked at the end of the month. Ample soil moisture was favorable for plowing, fall grains, and late crops.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 76 stations, was 60.8°, which is 2.0° below the 55-year average for October. The highest monthly mean temperature was 64.4° at Fordyce and the lowest was 55.2° at Gravette. The highest temperature recorded was 89° at Perryville on the 30th, and the lowest was 29° at Lead Hill on the 25th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 99 stations, was 3.11 inches, which is 0.06 inch below the 55-year average for October. The greatest monthly total was 10.35 inches at Pine Bluff and the least was 0.41 inch at Evening Shade. The greatest amount recorded in a 24 hour period was 6.73 inches at Pine Bluff on Sept. 30th-Oct. 1st.

B. N. W.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms:----1,10,19,20,21,22.
Hail:---none.
High Winds:---1,15,20,21,30,31.
Heavy Fog:---1,2,5,6,7,8,16,17,20,23,24,31.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.35	3	29.63	21	6.2	34	nw.	21	91	60	71	57	152
Little Rock	30.36	3	29.70	21	6.1	26	nw.	21	90	58	69	56	144
Memphis ..	30.36	28	29.73	21	7.1	22	w.	22	89	53	70	65	161

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	63.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	23	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.03	0 0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	95	18	5.41	0.6	9	13	9	9
1914	63.0	93	21	1.74	0 0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.89	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	13
1919	66.6	98	33	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	58.7	98	13	7 73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1927	66.0	100	30	3.13	0.0	5	22	4	5
1928	66.3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67 1	98	26	2.35	0.0	4	17	7	7
1932	60 8	94	26	3.41	0.0	6	19	4	8
1933	62.6	90	30	2.83	0.0	5	19	7	5
1934	66.2	96	25	0.79	0.0	2	21	7	3
1935	63.9	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0 0	7	16	5	10
1937	60.8	96	17	4.66	T.	8	18	4	9
1938	66.8	105	20	0.94	0 0	3	23	5	3
1939	65.1	98	29	1 71	0.0	3	21	5	5
1940	65.2	95	29	1.91	0.0	5	20	7	4
1941	68.2	96	28	8.11	0.0	13	8	9	14
1942	62.8	90	22	3.19	0.0	5	16	8	7
1943	61.3	90	26	3.48	0.0	5	16	8	7
1944	63.9	95	25	1.13	0.0	3	22	6	3
1945	60.8	89	29	3.11	0.0	6	15	7	9
Period	62.8	105	12	3.17	T.	5	8	6	7

NAT. HIST.

Climatological Data for October, 1945

Stations	Counties	Elevation	Lenght of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unsettled	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	8	60.6	......	80	1†	36	10	1.91	......	1.31	21-22	0.0	4	15	8	8	w.	L. R. Water Works
Arkadelphia	Clark	200	49	59.4	−5.0	86	1	32	16	3.04	−0.12	1.90	22	0.0	10	15	3	13	ne.	W. H. Halliburton
Arkansas City	Desha	145	60	......	......	......	......	......	......	4.22	+1.70	1.68	1	0.0	9	18	5	8	......	John W. Trammell
Ashdown	Little River	329	1	62.9	......	82	28†	40	25	1.89	......	0.65	22	0.0	5	16	9	6	......	J. F. Ferguson
Batesville Airway	Independence	363	9	59.4	−1.8	84	12	33	10	1.30	......	0.66	1	0.0	6	12	11	8	nw.	Airway Observer
Batesville Livestk.	Independence	500	4	61.9	......	84	11	31	25	2.47	......	1.12	30-1	0.0	5	17	9	5	se.	University of Arkansas
Batesville River	Independence	277	45	......	......	......	......	......	......	1.88	−1.39	0.53	21-22	0.0	6	11	8	12	......	C. M. Barnwell
Bee Branch	Van Buren	650	52	59.6	−3.0	80	12†	32	10†	1.28	−2.11	1.10	21	0.0	2	17	5	9	n.	Minnie Scanlan
Benton	Saline	285	9	58.2	......	84	1	34	10†	2.99	......	2.20	21-22	0.0	8	23	3	5	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	57.8	−1.4	80	12†	30	25	4.65	+0.67	3.40	21-22	0.0	7	14	10	7	s.	E. L. Brown
Bethesda***	Independence	500	5	59.0	......	82	12†	30	10	2.16	......	0.68	21	0.0	5	16	7	8	nw.	Soil Cons. Service
Big Lake Outlet***	Mississippi	239	14	......	......	......	......	......	......	2.91	+0.23	1.25	1	0.0	10	13	11	7	......	N. W. Douglas
Black Rock	Lawrence	259	43	......	......	......	......	......	......	1.63	−1.67	0.24	21	0.0	4	14	9	8	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	4	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Ark. Forestry Com
Blytheville	Mississippi	252	19	59.8^b	−3.7	83^b	19	37^b	10	3.72	+0.52	2.01	1	0.0	7	20	2	9	s.	Maureen K. Norris
Booneville 3 miles w	Logan	465	30	61.5	−2.8	83	12†	32	25	2.71	−0.79	1.67	21-22	0.0	5	15	8	8	e.	F. H. Randolph
Boughton***	Clark	235	9	......	......	......	......	......	......	2.46	......	1.89	21-22	0.0	3	11	8	12	......	Katie B. Moore
Brinkley	Monroe	205	53	59.6	−3.0	81	12†	33	16	4.46	+0.94	3.21	1	0.0	8	14	4	13	s.	U. S. Weather Bureau
Calico Rock	Izard	361	40	......	......	......	......	......	......	2.36	−1.03	1.20	21-22	0.0	6	10	5	16	......	William Jones
Camden	Ouachita	116	59	63.0	−1.2	86	30	38	27	4.18	+1.33	1.32	21-22	0.0	9	15	8	8	se.	J. M. Knight
Camp Chaffee	Sebastian	419	1	62.3	......	84	19†	34	25	1.72	......	0.85	22	0.0	5	14	6	11	e.	U. S. Army
Camp Robinson	Pulaski	463	4	59.2	......	81	12†	37^a	10	1.90	......	1.36	21-22	0.0	5	12	13	6	se.	U. S. Army
Clarendon	Monroe	172	40	......	......	......	......	......	......	7.65	+4.54	3.22	1	0.0	8	14	8	9	......	B. F. Northern
Conway	Faulkner	309	61	62.4	−1.4	84	12†	36	10	1.88	−1.17	1.11	22	0.0	5	17	10	4	s.	E. E. Cordrey
Corning	Clay	293	51	58.9	−1.6	83	12	33	10	1.40	−2.10	0.65	14	0.0	6	17	5	9	s.	Mrs. Laura Polk
Cotter	Baxter	440	17	......	......	......	......	......	......	1.89	−2.05	1.53	21-22	0.0	4	19	6	6	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	32	62.5	−3.1	88	1	36	16	3.16	−0.52	1.37	5	0.0	5	18	5	8	n.	U. S. Forest Service
Cummins Farm***	Lincoln	176	1	61.9	......	88	28	39	16†	5.40	......	2.50	20	0.0	6	20	6	5	s.	T. C. Cogbill
Danville	Yell	327	28	......	......	......	......	......	......	2.49	−1.56	1.93	21-22	0.0	7	10	6	15	......	J. A. Moudy
Dardanelle	Yell	330	58	62.8	−0.9	83	2†	37	10†	1.51	−1.63	1.16	21	0.0	4	12	7	12	s.	Geo. N. Goodier
DeQueen	Sevier	426	9	60.9	......	79	1†	33	25	2.95	......	1.42	21-22	0.0	6	15	9	7	......	L. D. McCowan
Des Arc	Prairie	204	6	60.6	......	81	12†	35	16	2.90	......	1.13	21	0.0	7	13	2	16	n.	Z. R. Glenn
Devils Knob***	Johnson	2350	8	57.8	......	75	13†	36	9†	2.82	......	1.54	21-22	0.0	8	22	0	9	sw.	U. S. Forest Service
Dumas	Desha	162	39	62.4	−2.8	85	1†	37	16	3.27	+0.16	1.56	21-22	0.0	8	8	17	6	n.	Ben Johnson
El Dorado	Union	270	44	61.5	−4.7	83	31	41	16†	5.26	+2.17	3.47	1	0.0	4	14	9	8	ne.	Airway Observer
England	Lonoke	229	38	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	O. V. Halbrook
Eureka Springs	Carroll	1465	44	59.0^a	−2.2	78^a	12†	34^a	23	3.10	−0.88	1.80	21-22	0.0	7	19	1	11	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	7	59.2	......	80	13	31	25	2.37	......	1.40	21-22	0.0	8	12	8	11	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	57	59.2	−1.8	82	13	30	25	2.73	−0.90	1.56	21-22	0.0	7	14	9	8	s.	University of Ark.
Fordyce	Dallas	280	4	64.4	......	85	13	40	10†	6.77	......	4.25	1	0.0	5	5	23	3	ne.	Ark Forestry Com.
Fort Smith	Sebastian	448	63	60.8	−2.0	83	18	34	25	1.42	−1.57	0.76	21-22	0.0	6	14	2	15	ne.	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	7	......	......	......	......	......	......	2.64	......	1.20	21	0.0	5	21	5	5	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	......	......	......	......	......	......	2.47	−0.14	1.20	21-22	0.0	7	11	8	12	......	Ina J. Logan
Garland	Miller	225	2	......	......	......	......	......	......	2.33	......	0.72	21	0.0	7	13	0	18	......	L. D. Denney
Georgetown, 2 mi, se	White	200	32	......	......	......	......	......	......	4.47	+1.02	1.19	1	0.0	6	25	0	6	......	J. S. McDonald
Gilbert	Searcy	600	19	57.8	......	84	12	33	10†	2.10	−2.32	1.30	21-22	0.0	4	6	18	7	e.	D. O. Dennis
Glenwood	Pike	547	9	......	......	......	......	......	......	2.47	......	1.56	21	0.0	6	9	10	12	......	C. A. Price
Grannis	Polk	950	25	62.0	−1.3	86	13	36	25	3.71	−0.63	1.42	1	0.0	10	11	8	12	s.	W. E. McVay
Gravette	Benton	1250	47	55.2	−4.8	71	29†	30	25	2.52	−1.46	1.91	21-22	0.0	5	14	13	4	nw.	J. A. Schmidt
Green Mountain***	Stone	1100	7	61.8	......	80	31	37	9†	1.95	......	1.05	21-22	0.0	4	17	6	8	s.	U. S. Forest Service
Harrison	Boone	1052	44	59.3	−0.3	84	31	31	25	2.47	−0.81	1.98	21-22	0.0	7	22	5	4	nw.	J. M. McGaughey
Helena	Phillips	300	72	61.8	−2.1	85	1	38	10†	4.00	+1.26	0.81	21-22	0.0	8	16	1	14	ne.	James A. Burnett
Hope 3 miles e.	Hempstead	375	74	62.5	−2.6	85	13	39	16†	2.72	−0.52	1.86	20-21	0.0	9	15	5	11	ne.	Univ. of Arkansas
Hot Springs	Garland	600	52	63.2	−1.6	84	13	37	25	3.25	−0.03	1.66	21-22	0.0	7	15	13	3	s.	National Park Service
Index***	Little River	275	27	......	......	......	......	......	......	5.20	−2.24	2.60	31	0.0	5	22	0	9	......	W. E. McDowell
Jessieville	Garland	750	18	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	U. S. Forest Service
Jonesboro	Craighead	345	49	60.2	−2.7	81	12†	35	10	3.99	+0.69	1.88	1-2	0.0	7	14	9	8	ne.	Benedictine Sisters
Lead Hill	Boone	650	38	58.2	−2.2	85	12	29	25	3.55	+0.12	3.20	21-22	0.0	4	23	2	6	s.	F. W. Kellogg
Little Rock	Pulaski	257	65	61.4	−2.2	82	12	40	16	2.20	−0.51	1.61	21-22	0.0	5	12	6	13	sw.	U.S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	46	60.2	−2.4	80	13†	34	25	2.02	−2.11	1.38	21-22	0.0	6	17	5	9	s.	Mrs H. G. Lenhardt
Madison	St. Francis	209	14	......	......	......	......	......	......	6.06	+2.93	3.90	30-1	0.0	6	15	3	13	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	64.2	−3.2	86	20	37	16	2.19	−0.91	0.98	21-22	0.0	6	11	9	11	ne.	State Agr. School
Mammoth Spring	Fulton	600	40	57.8	−1.8	81	12†	32	10	2.43	−1.20	1.04	21-22	0.0	5	21	4	6	n.	L. A. O'Neal
Marianna	Lee	235	33	61.4	−2.1	85	31	35	10	4.36	+1.13	2.10	30-1	0.0	6	11	14	6	e.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	59.2	−2.4	82	12†	36	16	2.91	−0.86	2.51	1-2	0.0	5	17	10	4	n.	Chas. Walton
Marshall	Searcy	1050	26	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Roy Richardson
Mena	Polk	1207	56	61.8	−1.5	84	13	33	25	5.50	+1.75	3.17	30-1	0.0	7	18	6	7	sw.	E. W. St. John
Monticello	Drew	273	4	63.4	......	84	8	38	16	2.76	......	1.05	22	0.0	8	16	11	4	ne.	Airway Observer
Morrilton***	Conway	315	28	59.4	−4.2	87	27	36	10†	1.41	−2.40	1.33	21-22	0.0	2	17	6	8	ne.	L. A. Dicus
Mountainburg	Crawford	712	7	......	......	......	......	......	......	2.61	......	1.31	21-22	0.0	5	13	5	13	n.	C. A. Lovell
Mountain Home***	Baxter	800	32	59.2	−1.5	83	31	31	25	1.85	−2.21	1.50	21-22	0.0	4	21	1	9	nw.	H. N. Halbert
Mountain Valley	Garland	788	7	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Mount Ida, 2 mi. e	Montgomery	702	45	60.4	−1.6	86	20	31	25	3.16	−0.62	1.84	22	0.0	6	15	5	11	w.	J. S. Whittington
Mulberry 6 mi. n***	Franklin	433	6	......	......	......	......	......	......	1.64	......	1.10	21	0.0	4	12	6	13	......	H. G. Arvin
Nashville	Howard	350	6	63.0	......	85	13	37	25	2.18	......	1.23	21-22	0.0	7	19	1	11	e.	Carter Day
Newport	Jackson	231	61	61.3	−1.1	84	1	35	19	2.20	−0.75	1.13	21	0.0	6	12	8	11	w.	Willis T. Moyer
Nimrod Dam	Perry	475	3	60.4	......	82	12†	38	10†	1.76	......	1.21	21-22	0.0	8	......	......	......	nw.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	17	61.7	......	85	13	33	23†	3.77	+0.58	2.55	21-22	0.0	7	13	4	14	sw.	U. S. Forest Service
Okay	Howard	288	16	63.1	−2.9	85	14†	36	16†	3.12	−0.02	1.62	22	0.0	7	16	5	10	s.	Charles R. Jackson
Osceola	Mississippi	250	44	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	G. M. Serey
Ozark	Franklin	396	49	60.7	−2.9	81	18	34	25	1.85	−1.54	1.12	21	0.0	5	10	8	13	se.	Orkney O. Milton
Paragould	Greene	275	21	58.6	......	78	12†	35	10	2.86	−0.16	1.34	30-1	0.0	8	19	4	8	sw.	J. E. Garrett
Parkin, 2mi. w.	Cross	222	14	......	......	......	......	......	......	4.31	+0.97	2.14	30-1	0.0	5	18	4	9	......	Carroll King
Perryville	Perry	325	5	63.2	+2.1	89	30	30	26	1.69	−1.81	1.10	22-23	0.0	6	15	9	7	w.	Gordon Bennett
Pine Bluff	Jefferson	215	57	63.2	−1.7	86	12	42	10†	10.35	+7.47	6.73	30-1	0.0	10	14	12	5	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	......	......	......	......	......	......	3.92	−0.29	2.26	21-22	0.0	9	18	5	8	w.	J. R. Huddleston
Pocahontas	Randolph	300	51	59.9	−1.9	88	2	34	10	2.43	−0.91	1.27	30-1	0.0	8	14	9	8	n.	Benedictine Sisters
Portland	Ashley	122	38	63.6	−1.4	86	1	40	16†	4.02	+1.00	2.00	22	0.0	5	15	5	11	s.	Mrs. Pearl Newton
Prescott	Nevada	318	56	63.9	−1.6	83	1†	41	23	2.65	−0.02	1.47	21	0.0	9	16	5	10	n.	O. J. Stephenson
Rogers	Benton	1300	54	58.8	−1.2	80	12†	32	25†	3.91	+0.40	2.45	21-22	0.0	7	15	6	10	ne.	Howard Fowler
Russellville	Pope	526	32	61.5	−0.3	82	12†	36	10†	1.95	−1.12	1.46	21	0.0	6	11	12	8	sw.	U. S. Forest Service
St. Charles	Arkansas	175	11	62.0	......	87	2	37	10†	6.01	......	2.91	21-22	0.0	9	17	4	10	n.	U. S. Bio. Survey
St. Francis	Clay	290	17	......	......	......	......	......	......	3.01	−0.61	0.80	1	0.0	8	20	0	11	......	Wm. S. Buckley
Searcy	White	245	34	61.8	−1.1	85	12	34	10	1.65	−1.53	1.04	21	0.0	4	20	1	10	se.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	4	60.7	......	83	20	35	10	4.67	......	2.70	21-22	0.0	8	12	14	5	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	4	58.6^a	......	80^a	13	30^a	25	2.89	......	1.92	21	0.0	8	16	9	6	s.	John Brown Univ.
Story	Montgomery	650	20	......	......	......	......	......	......	2.34	−1.22	1.67	20-21	0.0	3	20	6	5	s.	S. C. Story
Stuttgart	Arkansas	214	57	61.9	−2.1	81	20†	40	16	6.86	+3.79	4.51	1	0.0	6	16	8	7	w.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	9	60.6^a	......	81^a	13	38^a	16	7.31	......	3.72	1	0.0	6	......	......	......	......	University of Ark.

Climatological Data for October, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	46	60.9	− 3.1	84	31	36	25	2.38	−1.17	1.50	21–22	0.0	6	16	8	7	s	New Subiaco Abbey
Texarkana	Miller	332	60	63.7	− 2.1	83	13†	40	25	1.93	−1.48	0.92	21–22	0.0	7	12	5	14	ne.	U. S. Weather Bureau
Turnpike ***	Pope	2240	20	56.8	......	76	13	33	9	2.51	−2.56	0.97	21–22	0.0	7	15	7	9	sw.	U. S. Forest Service
Waldron	Scott	675	25	59.9	......	83	13	31	25	2.97	−1.00	1.75	21–22	0.0	4	12	11	8	ne.	William D. Bivens
Warren	Bradley	206	50	63.0	− 1.8	83	21	40	16	3.15	−0.08	1.21	1	0.0	7	13	10	8	nw.	C. N. Turner
Whitecliffs	Little River	290	38	....	......	......	......	......	......	2.20	−0.99	1.27	21–22	0.0	4	19	0	12	......	L. M. Snead
White Rock ***	Franklin	2285	8	57.6	......	75	13	35	25	2.49	......	1.42	21–22	0.0	6	17	5	9	ne.	U. S. Forest Service
Wilson	Mississippi	237	19	58.5	− 4.7	81	21	33	10†	2.80	−0.17	1.05	1	0.0	4	20	0	11	sw.	D. O. Anderson
Wynne	Cross	167	36	....																Mrs. C. A. Ford
State Means		....	..	60.8	− 2.0	89	30	29	25	3.11	−0.06	6.73	31–1	0.0	6	15	7	9	s.	

Daily Precipitation for October, 1945

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	.60			.18	.27										.09							1.36										2.50
Alum Fork Reser.	Arkansas	.47				.13		T.														.16	1.15										1.91
Aplin[2]	Arkansas	.15	.14		.07	.09										.03							1.36		T.								1.84
Arkadelphia[2]	Ouachita	.37	.01		.02	.31	.03	.04								.20						.12	1.90	T.		.04							3.04
Arkansas City[2]	Mississippi	1.68	.06			.16	.50									.18						.02	1.10	.02		.50							4.22
Ashdown	Red	.54			.30	T.			.28														.65		.12								1.89
Augusta[2]	White	.74	.47			.07										.31						.38	1.05										3.02
Batesville Air'y[3]	White	.66			.02	.27									.24*							.02	.09										1.30
Batesville Livestk[2]	White	.86	.26				.45									.22							.68										2.47
Batesville River[2]	White	.33	.47			.23										.19						.13	.53										1.88
Beaty Lake	St. Francis	3.08	.14		T.	.11			T.						T.	.05						.16	.42		T.								3.96
Beaver[2]	White	.75	.11		.04	.07										.08							2.02		.15	.02							3.24
Bee Branch	Arkansas	.18													T.*								1.10										1.28
Beech Grove[2]	White	.04	.19		.40											.25						.63	.29										1.80
Beedeville[2]	White	.61	.55			.12										.27						.06	.57	T.		T.							2.18
Benton[2]	Saline	.39	.06		.02	.19	.09									.04							2.15	.05									2.99
Bentonville[2]	Arkansas	.78			.06	.03									.12								3.40		.26								4.65
Bethesda[2]	White	.76	.26			.26										.20							.68										2.16
Big Flat[2]	White																																....
Big Lake Outlet[2]	St. Francis	1.25	1.00	.01	.28	.05				.01						.08						.11	.07	.05		T.							2.91
Black Rock[2]	White	.94	.05			.23									.17							.24											1.63
Bluff City	Ouachita																																....
Blytheville[2]	St Francis	2.01	.95			.33	.03		T.						.15						.20			.05									3.72
Booneville 3 mi. w	Arkansas	.63			.24	.10																*	1.67		.07								2.71
Booneville[2]	Arkansas	.50				.50	.05																1.73		.10								2.88
Boughton[2]	Ouachita	.30				.27																	1.89										2.46
Bradford[2]	White	.90	.11			.11										.11						.69	.79										2.71
Brinkley[3]	White	3.21			.03	.31	T.								.01	T.					.04	.67	.17		.02								4.46
Burdette	Mississippi	2.81				.43									.10							.12	.07										3.53
Calico Rock[2]	White	.11	.16		T.	.62										.25							1.20		.02								2.36
Camden[2]	Ouachita	1.23	.50			.25	.16	.01								.37						.16	1.16			.34							4.18
Camp Chaffee[2]	Arkansas		.32	T.		.24	.27		T.															.85	.04	T.							1.72
Camp Robinson[1]	Arkansas	.11				.42									.01							1.00	.36		T.								1.90
Carlisle[2]	Arkansas	1.10	.65				.65								.11										1.82								4.33
Clarendon[2]	White	3.22	2.45			.11	.31									.03						.30	1.21			.02							7.65
Cold Springs[2]	Ouachita	1.35			.15	.10				.06													1.54										3.20
Conway	Arkansas	.53			.13										.03	.08							1.11										1.88
Corning[2]	White	.15				.20									.40	.15						.05	.45										1.40
Cotter[2]	White	.04			T.				T.						T.	.21							1.53		T.	.11							1.89
Crossett	Ouachita	.07				1.37	T.																.97		.42	.33							3.16
Crystal Valley[2]	Arkansas																																....
Cummins Farm	Arkansas	1.20			.20	.10															2.30	.20	1.40										5.40
Danville[2]	Arkansas	.28	.08		.05	.10										.05						.06	1.87										2.49
Dardanelle[2]	Arkansas	.26			.02	.07										T.							1.16										1.51
De Queen	Red	.44			.37	.46			.15														1.42		.11								2.95
Dermott[2]	Mississippi	.60	T.			.09	.53									.15							1.04	.04		.56							3.01
Des Arc[2]	White	1.05	.24			.07	.06									.03						.32	1.13										2.90
Devils Knob	Arkansas	.25			.12	.36	T.								.18	.07						.81	.73		.30								2.82
Dumas	Mississippi	.80	.05		.05	.25										.12					.12		1.56		.32								3.27
Eagle Gap[2]	Arkansas	1.30	.01		.20	.29	.02									.10							1.86			.06							3.84
El Dorado	Ouachita	3.47				1.32																			*	.47							5.26
Eleven Point[2]	White	1.02	.12		T.	.22									.50	.10							.45			T.							2.41
England	Arkansas																																....
Eureka Springs	White	.80			.05										.20	.05						.45	1.35		.20								3.10
Evening Shade[2]	White	T.																				.41											0.41
Fayetteville	White	.63			.09	.01									.05					.04		.98	.42		.15								2.37
Fayetteville Exp. S	White	.87			.09	T.									.05	T.				.08		.63	.93		.16								2.73
Fordyce	Arkansas	4.25					.25								T.							.27	1.75			.25							6.77
Forester[2]	Arkansas		.75																				.40	.90	.70	T.							2.75
Fort Smith[1]	Arkansas	.32		.02	.29	T.																.63	.13		.03								1.42
Fort Smith W.[2]	Arkansas	.88			.32	.13																	1.20	.06	.05								2.64
Fulton[2]	Red	.28			T.	.20	.02		T.	.32						T.						.25	1.20			.20							2.47
Garland[2]	Red	.29				.35	T.		.17	.30												.18	.72			.32							2.33
Georgetown[2]	White	1.38	1.19			.05										.09						.68	1.08										4.47
Gilbert[2]	White		.15			.40										.25							1.30										2.10
Glenwood[2]	Ouachita	.21				.42	.09															.11	1.56			.08							2.47
Grannis	Red	1.42			.35	.25	.02		.07	T.					T.	.15				.05		.78	.55		.07							T.	3.71
Gravelly[2]	Arkansas	.45	.10		.80	.15										T.					T.	T.	1.92		T.	T.							3.42
Gravette	Arkansas	.38			.05										.09							.09	1.91										2.52
Green Forest	White																																....
Green Mountain	White	.30			T.	.45									T.	.15							1.05		T.								1.95
Greenwood[2]	Arkansas	.29			.24	.65																	1.20		.02								2.40
Harrison	White	.08				.06									.14	.10						1.04	.94		.11								2.47
Helena[2]	Mississippi	1.81	.44			.45	.20															.04	.81	.13		.12							4.00
Henderson[2]	White	.15	T.		T.	T.									T.										1.74								1.89
Hollis	Arkansas																																....
Hope[2]	Red	.23	T.		T.	.20	.10		T.	.05						.07					.04	.23	1.63			.17							2.72
Hot Springs	Ouachita	.79			.17	.57	T.									.10						.04	1.66		.01								3.25
Huttig[2]	Ouachita	.62				.88	.68									.05							.55			.74							3.52
Index[2]	Red	.55				.35	.10																1.60									2.60	5.20
Jessieville	Ouachita																																....

Daily Precipitation for October, 1945 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jonesboro [2]	White	.97	1.88	....	T.	.31	.03	....	....	....	....	....	....	....	....	.03	....	....	....	....	....	.72	.05	....	....	....	....	....	....	....	....	....	3.99
Lake City [2]	St. Francis	....	....	....	....	.55	....	....	....	.03	....	....	....	....	....	T.	....	....	....	....	....	....	....	.50	....	....	....	....	....	....	....	....	1.08
Lead Hill	White	.16	....	....	....	T.	....	....	....	....	....	....	....	....	.19	....	....	....	....	....	....	*	3.20	....	T.	T.	....	....	....	....	....	....	3.55
Little Rock [1]	Arkansas	.11	....	....	.11	.37	T.	....	....	....	....	....	....	....	T.	T.	....	....	....	....	....	1.19	.42	....	T.	....	....	....	....	....	....	....	2.20
Lutherville	Arkansas	.18	....	....	.16	....	....	....	....	....	....	....	....	....	.13	.06	....	....	....	....	....	....	1.38	....	.11	....	....	....	....	....	....	....	2.02
Madison [2]	St. Francis	3.90	1.05	....	....	.10	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	.74	T.	....	.17	....	....	....	....	....	....	6.06
Magnolia	Red	*	.15	....	....	.31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	.98	....	.36	.14	....	....	....	....	....	....	2.19
Mammoth Spg [2]	White	.81	.17	....	.05	.08	....	....	....	....	....	....	....	....	.28	....	....	....	....	....	....	....	1.04	....	....	....	....	....	....	....	....	....	2.43
Marianna [2]	St. Francis	2.10	....	.62	....	.20	.38	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	.97	....	....	.09	....	....	....	....	....	....	4.36
Marked Tree [2]	St. Francis	1.10	1.41	....	....	T.	....	....	....	....	....	....	....	....	....	.16	....	....	....	....	....	T.	.18	.06	....	....	....	....	....	....	....	....	2.91
Marshall [2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marvell [2]	White	1.60	.42	....	....	....	.45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.40	....	....	....	....	....	....	....	....	....	3.87
Melbourne [2]	White	....	.13	....	....	.53	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	....	.72	....	....	....	....	....	....	....	....	....	1.53
Mena [2]	Ouachita	3.17	T.	....	.10	.35	T.	....	....	....	....	....	....	....	....	.09	....	....	....	....	....	.01	1.71	....	.07	....	....	....	....	....	....	....	5.50
Monticello [1]	Ouachita	.37	....	....	.09	.60	....	....	....	....	....	....	....	....	.11	.01	....	....	....	....	....	....	1.05	....	.52	.01	....	....	....	....	....	....	2.76
Morobay [2]	Ouachita	1.38	.44	....	....	.57	.42	....	....	....	....	....	....	....	....	.09	....	....	....	....	....	....	1.39	....	....	.53	....	....	....	....	....	....	4.82
Morrilton [2]	Arkansas	.08	....	....	T.	T.	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	T.	1.33	....	T.	....	....	....	....	....	....	....	1.41
Mountainburg	Arkansas	.96	....	....	....	.23	.11	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	.84	.47	....	....	....	....	....	....	....	....	....	2.61
Mountain Home	White	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	.10	....	....	....	....	....	T.	1.50	....	.05	....	....	....	....	....	....	....	1.85
Mountain Valley	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Mountain View [2]	White	....	.04	....	....	....	....	....	.31	T.	....	....	....	....	....	T.	....	....	....	....	....	....	1.12	....	....	....	....	....	....	....	....	....	1.47
Mount Ida	Ouachita	.38	....	....	.29	.48	....	....	....	....	....	....	....	....	....	.12	....	....	....	....	....	....	1.84	....	.05	....	....	....	....	....	....	....	3.16
Mulberry [2]	Arkansas	.30	T.	....	.14	.10	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	1.10	....	T.	....	....	....	....	....	....	....	1.64
Nashville	Red	.19	....	....	.25	.12	....	....	.17	....	....	....	....	....	....	.17	....	....	....	....	....	*	1.23	....	.05	....	....	....	....	....	....	....	2.18
Newhope [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Newport [2]	White	.75	.05	....	....	.10	....	....	....	....	....	....	....	....	....	.17	....	....	....	....	....	.55	.58	....	....	....	....	....	....	....	....	....	2.20
Nimrod Dam [2]	Arkansas	.11	.20	....	.02	.15	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	.01	1.20	....	T.	.02	....	....	....	....	....	....	1.76
Odell [2]	Arkansas	.65	.06	....	.17	.21	....	....	.01	....	....	....	....	....	....	....	....	....	....	....	....	....	1.23	....	.07	.06	....	....	....	....	....	....	2.46
Oden	Ouachita	.43	....	....	.24	.46	....	....	....	....	....	....	....	....	.07	....	....	....	....	....	....	.10	2.45	....	.02	....	....	....	....	....	....	....	3.77
Okay	Red	.78	....	....	.08	.23	....	....	.24	T.	....	....	....	....	....	....	....	....	....	....	....	....	1.62	....	.13	.04	....	....	....	....	....	....	3.12
Osceola [2]	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Ozark [2]	Arkansas	.24	....	....	.11	.35	T.	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	1.12	....	.03	....	....	....	....	....	....	....	1.85
Paragould	St. Francis	1.34	.06	....	.02	.34	....	....	....	....	....	....	....	....	.29	....	....	....	....	....	....	.60	.19	....	.02	....	....	....	....	....	....	....	2.86
Parkin [2]	St. Francis	2.14	1.29	....	....	....	....	....	....	....	....	....	....	....	....	.28	....	....	....	....	....	.28	.32	....	....	....	....	....	....	....	....	....	4.31
Perryville [2]	Arkansas	.16	.10	....	.16	.02	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	....	T.	1.10	....	....	....	....	....	....	....	....	1.69
Pine Bluff [2]	Arkansas	6.73	1.72	....	T.	.33	.06	....	....	....	....	....	....	....	....	.02	....	....	....	....	.12	.06	1.19	.01	....	.11	....	....	....	....	....	....	10.35
Pine Ridge [2]	Ouachita	.46	.14	....	.14	.65	.08	....	....	....	....	....	....	....	....	.12	....	....	....	....	....	....	2.26	....	.04	.03	....	....	....	....	....	....	3.92
Pocahontas	White	1.27	.08	....	T.	.29	.01	....	....	....	....	....	....	....	.36	.35	....	....	....	....	....	.01	.06	....	....	....	....	....	....	....	....	....	2.43
Portland [2]	Ouachita	....	....	....	....	....	.25	.72	....	....	....	....	....	....	....	.30	....	....	....	....	....	....	2.00	....	....	.75	....	....	....	....	....	....	4.02
Prescott [2]	Ouachita	.50	.13	....	T.	.22	.03	....	....	.02	....	....	....	....	....	.07	....	....	....	....	T.	.12	1.47	....	....	.09	....	....	....	....	....	....	2.65
Ratcliff [2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Red Star	White	.20	....	....	.19	.20	....	....	....	....	....	....	....	....	.06	.04	....	....	....	....	.35	1.18	.08	....	....	....	....	....	....	....	....	....	2.30
Rogers	White	.80	....	....	....	.15	....	....	....	....	....	....	....	....	.31	....	....	....	....	....	.02	1.82	.63	....	.18	....	....	....	....	....	....	....	3.91
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Russellville	Arkansas	.28	....	....	.12	.02	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	....	1.46	....	.02	....	....	....	....	....	....	....	1.95
St. Charles	White	1.62	.67	....	....	.35	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	.30	1.30	1.61	....	.07	.04	....	....	....	....	....	....	6.01
St. Francis [2]	St. Francis	.60	.80	....	....	.26	....	....	....	....	....	....	....	....	.16	.20	....	....	....	....	....	.62	.22	.15	....	....	....	....	....	....	....	....	3.01
Searcy [2]	White	....	.42	....	....	.09	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	....	1.04	....	....	....	....	....	....	....	....	....	1.65
Sheridan	Ouachita	1.44	....	....	.20	.13	.03	....	....	....	....	....	....	....	....	.06	....	....	....	....	T.	....	2.70	....	.04	.07	....	....	....	....	....	....	4.67
Shirley [2]	White	.25	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.35	....	....	....	....	....	....	....	....	....	1.60
Siloam Springs	White	.56	....	....	.07	.07	....	....	.04	....	....	....	....	....	.04	....	....	....	....	T.	....	1.47	.45	....	.19	....	....	....	....	....	....	....	2.89
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Stamps	Red	1.30	....	....	.02	.42	.02	....	.02	....	....	....	....	....	....	T.	....	....	....	....	....	.02	.90	....	.24	.02	....	....	....	....	....	....	2.96
Stephens [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve [2]	Arkansas	....	....	....	*	.49	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.70	....	....	....	....	....	....	....	....	....	2.19
Story [2]	Ouachita	....	....	....	.37	.30	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.67	....	....	....	....	....	....	....	....	....	2.34
Stuttgart [2]	Arkansas	4.51	....	....	....	.21	.24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.39	1.45	....	....	.06	....	....	....	....	....	....	6.86
Stuttgart Evap	Arkansas	3.72	1.38	....	....	.38	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.35	1.36	....	....	.12	....	....	....	....	....	....	7.31
Subiaco [2]	Arkansas	.37	.16	....	.10	.14	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	1.50	....	.11	....	....	....	....	....	....	....	2.38
Sugar Grove [2]	Arkansas	.85	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.00	....	....	T.	....	....	....	....	....	....	3.10
Texarkana [3]	Red	T.	....	....	.17	.02	T.	T.	.54	....	....	....	....	....	T.	.01	....	....	....	T.	....	.80	.12	....	.27	....	....	....	....	....	....	T.	1.93
Tichnor [2]	White	2.70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.96	1.69	....	....	....	....	....	....	....	....	....	5.35
Turnpike	Arkansas	.40	....	....	.11	.19	....	....	....	....	....	....	....	....	....	.06	....	....	....	....	....	.76	.97	....	.02	....	....	....	....	....	....	....	2.51
Viola [2]	White	.16	.31	....	.03	.03	T.	....	....	....	....	....	....	....	.13	.36	....	....	....	....	....	....	1.50	....	....	.03	....	....	....	....	....	....	2.55
Waldron [2]	Arkansas	.92	....	....	.10	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.75	....	....	....	....	....	....	....	....	....	2.97
Walnut Grove	White	.92	.05	....	....	.30	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	.60	....	....	....	....	....	....	....	....	....	1.87
Warren	Ouachita	1.21	....	....	.03	.33	....	....	....	....	....	....	....	....	....	.26	....	....	....	....	T.	T.	.86	....	.37	.09	....	....	....	....	....	....	3.15
Whitecliffs [2]	Red	.43	....	....	T.	.40	.10	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	1.27	....	T.	....	....	....	....	....	....	....	2.20
White Rock	Arkansas	.65	....	T.	.20	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.02	.40	....	.12	....	....	....	....	....	....	....	2.49
Wilson [2]	Mississippi	1.05	.60	....	....	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	....	1.00	....	....	....	....	....	....	....	....	....	2.80
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for October, 1945

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.760	.163	.215	.103	.016	-028	.124	.088	.204	.114	-060	.230	.270	.024	.036	.156	.190	.034	.198	.216	.042	.112	.270	.111	-059	.102	.080	.244	.050	.096	.258	4.359
	Mean tem.	64	64	57	58	60	67	70	58	48	50	64	61	61	49	52	54	58	60	67	68	72	53	56	46	50	52	57	64	58	65	66	59.0
	Wind move	28	46	41	33	14	20	22	31	61	23	15	21	22	31	30	34	9	24	60	31	70	59	52	18	38	21	19	33	22	31	52	1011
Hope, Exp. Farm	Evap.	.039	.115	.209	.119	.034	.090	.048	.059	.189	.067	.137	.224	.035	.140	.116	.132	.130	118	.032	.084	.170	.248	.046	.078	.019	.111	.116	.083	.131	.062	.098	3.278
	Mean tem.	70	70	64	61	60	68	68	74	52	56	60	61	66	66	58	56	60	65	66	72	71	54	55	47	56	58	62	62	66	66	69	62.5
	Wind move	11	39	32	22	22	14	6	14	40	24	17	4	13	8	37	24	7	10	20	20	15	71	27	9	15	19	14	7	10	7	13	591
Nimrod Dam	Evap.	.094	.156	.178	.018	.060	.052	.104	.054	.084	.084	.104	.146	.136	.124	.078	.108	.116	.150	.152	.078	.140	.196	.078	.100	.074	.122	.108	.150	.142	.098	.130	3.414
	Mean tem.	68	68	60	58	59	68	64	65	50	52	58	62	66	64	60	56	60	62	63	67	69	67	64	48	54	56	59	61	62	66	56	60.4
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Russellville	Evap.	.066	.146	.154	.020	.020	.070	.064	.116	.090	.082	.090	.078	.100	.100	.088	.076	.086	.122	.078	.074	.120	.130	.086	.032	.068	.082	.088	.122	.054	.082	.086	2.670
	Mean tem.	72	70	64	60	66	70	61	64	55	52	58	64	66	62	58	54	61	62	65	69	69	62	52	52	52	52	60	60	63	66	66	61.5
	Wind move	23	17	9	2	6	10	4	17	12	9	7	8	7	7	17	8	7	13	7	15	29	28	7	8	17	9	9	9	8	11	13	353
Stuttgart, Rice Exp. Farm	Evap.	....	....	.004	.062	.162	-026	.046	.045	.166	.047	.109	.050	....	.113	.188	.074	.077	.084	.195	.074	.037	.130	.018	.062	.033	.059	.090	.086	.084	.061	.178	2.555
	Mean Tem.	63	70	72	62	61	68	63	72	51	54	58	....	....	62	54	54	58	62	64	66	70	51	54	53	56	56	58	59	62	64	69	60.4
	Wind move	47	23	30	15	25	20	10	10	60	20	10	10	....	15	60	25	10	20	35	20	45	80	20	10	20	10	20	10	30	15	30	755

Daily Temperatures for October, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	80	75	67	62	62	78	74	75	60	65	75	80	80	70	67	71	77	78	77	79	79	70	67	58	66	71	77	78	78	79	79	72.7
	Minimum	65	59	53	53	53	59	54	57	42	36	40	47	51	49	44	37	43	46	49	56	57	47	40	46	37	43	42	46	46	52	55	48.5
Arkadelphia	Maximum	86	80	70	64	64	79	75	82	55	68	77	82	84	82	68	72	79	82	81	83	84	60	69	57	69	73	78	79	83	82	75	74 9
	Minimum	53	56	50	51	52	54	53	55	40	36	35	36	40	47	43	32	34	35	38	48	54	44	33	37	42	39	39	40	46	49	51	43.9
Ashdown	Maximum	81	80	75	60	65	76	75	75	54	66	67	80	81	80	68	68	75	77	77	80	80	80	58	57	60	74	77	82	82	76	80	73.1
	Minimum	69	62	58	55	55	60	61	60	48	45	45	52	56	56	50	42	44	46	53	60	63	51	42	49	40	45	48	52	52	54	62	52.7
Batesville Air	Maximum	80	80	68	64	66	79	74	69	63	67	75	84	74	57	57	63	73	79	81	83	75	59	67	56	70	71	79	80	81	82	80	72.1
	Minimum	62	54	48	54	54	57	53	47	38	33	38	46	51	48	48	39	35	40	47	56	58	44	37	41	36	41	39	43	47	55	56	46.6
Batesville, Livestk	Maximum	78	76	68	65	68	81	75	69	61	70	84	83	79	65	63	74	81	81	80	82	78	63	76	55	70	70	79	78	80	81	80	74.0
	Minimum	71	52	46	52	52	54	65	68	48	43	43	61	61	62	52	35	53	43	58	55	65	43	35	38	31	34	35	51	37	49	53	49.8
Bee Branch	Maximum	79	79	70	65	69	79	73	69	62	67	74	80	80	72	65	71	77	78	79	79	80	76	68	63	66	71	76	76	79	79	79	73.5
	Minimum	64	53	48	53	59	55	51	56	38	32	37	43	48	47	44	34	39	40	48	58	56	48	35	42	32	38	37	41	43	49	51	45.8
Benton /	Maximum	84	79	69	63	63	80	80	80	58	66	69	81	82	71	76	73	77	78	78	79	82	61	68	58	70	71	76	77	79	76	70	73.4
	Minimum	56	55	50	52	53	53	51	51	42	34	36	36	37	47	43	45	34	37	44	47	48	46	34	42	35	36	35	36	37	42	42	43.1
Bentonville /	Maximum	71	74	73	70	65	70	74	64	62	68	72	80	80	65	65	72	78	80	61	77	70	60	65	50	72	72	75	76	80	80	80	71.0
	Minimum	51	49	42	42	52	54	48	52	34	35	40	46	47	51	44	37	40	50	55	44	52	37	32	40	30	33	46	41	46	55	55	44.5
Bethesda /	Maximum	78	76	68	65	68	80	77	68	61	70	75	82	75	54	62	73	80	80	80	82	78	63	76	55	70	70	79	78	80	81	79	73.0
	Minimum	51	52	46	52	52	54	63	47	34	30	53	40	47	44	41	34	36	41	54	54	65	43	35	38	31	34	35	51	37	49	53	45.0
Bluff City	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Blytheville	Maximum	77	75	67	60	65	76	77	64	59	62	72	82	73	72	66	69	78	78	83	..	..	65	63	58	67	67	77	80	79	80	81	71.4
	Minimum	69	56	49	53	55	53	56	52	38	37	41	49	50	49	43	38	43	44	51	..	..	48	42	45	41	40	41	44	46	52	55	48.3
Booneville	Maximum	74	79	68	61	65	78	75	71	63	68	79	83	83	72	67	75	80	82	79	79	77	66	68	59	72	73	80	81	83	82	79	74.2
	Minimum	64	56	51	55	57	60	54	57	46	39	40	45	48	55	45	38	42	45	55	51	56	47	35	49	32	39	42	47	50	56	57	48.8
Brinkley	Maximum	76	78	69	63	63	79	74	77	59	65	74	81	81	69	62	70	77	78	78	80	81	73	67	59	68	70	77	78	78	79	81	73.0
	Minimum	67	59	54	54	57	59	53	47	37	33	37	43	47	48	38	33	36	41	52	57	57	46	38	43	41	39	35	39	43	46	54	46.2
Camden	Maximum	84	80	75	74	69	78	79	63	62	68	80	83	83	84	75	73	82	81	82	82	75	82	72	63	69	76	81	82	84	86	83	77.1
	Minimum	59	61	54	66	55	58	59	60	46	42	40	43	43	50	48	39	39	42	50	59	62	48	39	46	46	39	38	40	47	48	49	48.9
Camp Robinson	Maximum	80	78	70	69	64	78	71	74	56	65	74	81	81	67	64	72	78	79	79	79	81	60	68	59	65	70	68	54	58	79	79	71.0
	Minimum	64	58	54	54	59	54	54	53	39	37	40	47	51	49	40	44	42	46	47	47	47	44	40	..	54	50	40	40	52	53	55	48.5
Conway	Maximum	83	82	73	64	67	81	75	74	63	68	79	84	84	74	68	79	82	82	78	82	83	73	70	58	70	73	80	81	82	83	82	76.0
	Minimum	66	58	53	55	56	59	55	57	43	36	40	47	50	50	47	38	42	45	51	57	60	49	38	46	38	41	40	44	47	53	54	48.9
Corning	Maximum	78	76	70	63	65	79	76	67	60	64	73	83	74	63	60	70	78	79	78	71	77	71	64	57	68	69	72	79	79	80	81	71.7
	Minimum	65	52	46	51	54	56	50	56	35	33	37	46	48	49	41	34	40	40	53	55	57	48	38	43	35	37	36	43	41	53	57	46.1
Crossett	Maximum	88	78	74	71	76	76	79	83	75	67	73	80	83	80	68	69	73	79	81	84	82	72	70	63	57	73	78	80	80	80	79	75.8
	Minimum	70	66	54	53	61	64	58	62	50	42	39	41	40	51	49	36	37	41	49	58	59	52	37	42	50	37	39	42	50	42	54	49.2
Cummins Farm	Maximum	81	75	70	65	66	79	75	72	64	64	75	80	81	74	64	69	79	79	80	81	81	71	67	63	64	68	77	88	80	80	80	73.9
	Minimum	60	64	56	56	59	62	56	54	46	42	41	42	48	52	54	39	39	43	50	60	61	52	40	46	50	41	39	42	49	49	55	49.9
Dardanelle	Maximum	78	83	80	66	66	82	78	73	70	67	78	83	80	77	69	72	81	82	78	79	81	74	67	65	71	70	81	80	80	83	82	76.0
	Minimum	67	58	53	56	56	60	56	58	46	37	40	46	50	51	50	39	45	46	52	60	60	50	37	49	37	41	42	42	47	54	55	49.7
De Queen	Maximum	79	78	76	70	65	75	73	74	66	64	71	75	79	76	69	67	73	78	73	79	79	70	65	57	61	70	75	75	76	79	78	72.4
	Minimum	66	65	57	55	56	60	56	62	48	45	41	44	48	51	50	38	42	42	55	59	56	46	37	42	33	37	40	41	51	52	55	49.4
Des Arc	Maximum	80	77	75	66	63	79	73	75	66	64	74	81	77	70	61	70	73	78	79	80	78	75	65	60	63	69	78	78	78	80	81	73.1
	Minimum	68	57	53	54	56	65	53	58	42	36	39	45	49	49	46	35	40	45	52	57	52	49	38	45	40	41	39	43	45	50	53	48.2
Devils Knob	Maximum	67	70	61	59	61	71	63	63	53	61	69	74	75	66	59	66	70	72	69	72	64	57	60	51	64	66	70	70	72	72	75	65.9
	Minimum	60	52	48	49	49	55	55	50	36	47	48	54	58	47	49	44	51	54	54	52	52	40	40	44	36	42	51	54	53	58	58	49.7
Dumas	Maximum	85	75	70	68	69	70	77	81	65	66	74	81	79	75	64	70	77	79	81	83	82	70	69	63	68	70	78	78	78	80	85	74.5
	Minimum	70	64	55	56	60	63	58	59	45	40	40	45	49	51	48	37	39	44	50	61	61	52	42	45	50	42	39	42	49	49	55	50 3
El Dorado	Maximum	72	68	68	67	76	74	78	61	65	72	77	78	74	63	67	70	68	76	71	76	75	63	57	61	66	69	71	73	72	74	83	70.5
	Minimum	70	66	57	58	61	63	58	61	50	45	44	45	49	53	52	41	41	45	54	64	63	63	43	46	49	43	42	43	54	52	58	52.7
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	67	71	65	64	64	69	75	67	58	67	74	78	76	65	61	70	76	78	68	76	72	57	60	53	69	72	75	75	76	78	..	69.2
	Minimum	59	51	45	54	52	58	51	50	35	36	48	55	51	51	45	40	53	55	56	49	52	39	34	44	36	42	52	58	56	60	..	48.9
Fayetteville	Maximum	66	72	66	61	64	76	70	66	61	68	75	79	80	64	65	71	76	78	69	77	71	61	66	53	69	73	75	76	77	78	78	70.4
	Minimum	58	51	48	53	54	56	54	50	40	39	43	45	46	52	46	39	50	56	55	55	46	39	33	41	31	38	48	50	56	59	60	48.1
Fayetteville Exp. S	Maximum	66	71	66	62	65	75	72	69	62	69	76	80	82	77	64	72	78	79	72	79	71	58	65	62	69	73	76	75	78	77	78	71.5
	Minimum	57	49	45	52	51	52	51	52	36	37	41	46	46	51	45	37	48	53	54	53	52	38	34	44	30	36	46	49	53	56	59	46.9
Fordyce	Maximum	78	80	73	65	65	79	78	83	71	69	78	82	85	83	78	73	79	79	82	83	81	73	71	65	68	72	78	77	80	82	78	76 4
	Minimum	70	64	55	55	55	62	60	62	45	40	44	50	54	54	48	40	46	51	56	62	51	50	42	48	46	46	48	52	55	56	59	52.5
Fort Smith	Maximum	69	77	65	60	65	77	77	70	56	67	75	81	80	70	67	73	80	83	73	78	76	64	67	54	71	73	79	81	81	82	78	72.5
	Minimum	61	54	53	56	57	61	58	51	46	42	41	46	48	54	48	42	45	50	54	51	47	41	39	41	34	41	45	50	50	58	58	49.2
Gilbert	Maximum	75	76	69	67	65	77	73	68	61	68	79	84	80	57	66	74	81	81	71	80	77	64	66	53	73	73	80	79	82	81	82	73.0
	Minimum	53	51	45	47	52	55	52	51	35	33	34	38	42	46	46	36	36	49	42	56	53	45	34	35	33	34	33	34	39	41	45	42.7
Grannis	Maximum	80	77	67	67	66	78	71	77	60	68	76	80	86	80	70	73	77	80	73	79	75	65	68	59	71	75	78	80	80	80	73	73.9
	Minimum	67	58	55	53	55	61	57	58	44	43	41	46	49	56	46	39	44	44	63	57	58	45	37	47	36	42	42	50	51	51	55	50.0
Gravette	Maximum	59	62	59	59	62	64	68	68	48	59	66	67	67	64	61	63	63	69	69	69	69	50	55	55	60	64	64	63	71	71	69	63.1
	Minimum	56	48	44	53	53	56	51	51	36	38	42	48	49	56	46	38	51	56	52	43	45	38	36	42	30	39	50	50	53	59	59	47.4
Green Mountain	Maximum	78	76	78	79	77	79	78	70	61	63	67	79	76	65	60	65	79	79	74	79	79	70	69	65	68	70	75	78	78	79	80	73.3
	Minimum	58	54	60	60	49	50	55	50	37	39	47	50	54	48	44	41	47	54	54	56	60	48	39	40	37	40	55	58	55	59	61	50.3
Harrison	Maximum	71	73	67	64	64	74	76	66	61	68	79	83	78	64	63	74	80	82	67	80	74	62	65	54	71	70	82	79	81	80	84	82.1
	Minimum	63	53	44	54	52	55	50	55	35	32	40	46	48	49	47	34	42	48	59	51	52	44	32	45	31	37	42	44	49	54	54	46.5
Helena	Maximum	85	73	68	53	65	73	75	78	61	61	71	80	83	73	59	65	75	77	78	80	81	77	63	63	61	65	75	77	78	80	80	72.4
	Minimum	69	62	54	55	59	62	58	58	42	38	41	49	53	51	46	38	44	47	54	61	62	51	41	46	47	44	41	52	52	52	57	51.2
Hope	Maximum	82	79	73	66	64	78	76	83	54	67	78	81	85	80	66	73	80	81	84	83	80	60	71	55	69	74	82	80	82	83	80	75.1
	Minimum	59	62	56	56	57	58	53	64	49	44	41	41	46	54	49	39	40	49	49	60	62	49	39	39	42	41	42	43	51	50	58	49.9
Hot Springs	Maximum	82	80	72	62	61	79	76	79	65	68	75	81	84	80	68	72	79	79	78	80	79	72	68	61	69	72	77	79	80	81	73	74.5
	Minimum	68	58	55	53	56	60	57	61	44	38	42	55	54	51	45	40	49	54	58	56	63	47	39	47	37	46	48	53	54	59	58	51.8
Jonesboro	Maximum	76	76	68	61	64	77	76	67	60	64	73	81	73	65	60	71	77	77	81	76	78	71	65	56	66	69	76	78	78	79	80	71.6
	Minimum	68	54	50	53	54	53	53	58	39	35	40	50	54	50	44	37	43	49	54	56	63	49	40	44	40	43	39	50	45	50	57	48.8
Lead Hill	Maximum	72	75	69	66	65	75	76	67	59	69	80	85	77	60	64	75	80	83	69	80	76	69	65	55	72	71	82	80	82	81	83	73.0
	Minimum	61	42	41	53	52	54	48	50	33	30	35	43	45	50	42	32	39	42	54	55	45	42	30	45	29	33	34	37	40	49	60	43.4
Little Rock	Maximum	80	78	66	61	62	77	72	75	55	64	75	82	80	68	62	70	77	78	78	80	80	58	66	58	66	68	78	77	76	79	79	71.8
	Minimum	67	61	56	56	58	61	57	52	44	42	44	50	54	52	47	40	45	48	54	60	58	48	44	48	45	46	43	45	50	54	55	51.1
Lutherville	Maximum	73	78	69	69	65	76	73	70	59	66	73	79	80	70	72	69	76	78	78	77	76	76	72	67	64	69	71	76	77	80	79	72.8
	Minimum	65	48	53	53	57	60	52	56	41	36	39	47	50	50	45	36	43	47	54	47	45	48	40	37	34	44	42	46	56	53	55	47.7
Magnolia	Maximum	80	78	73	71	68	73	78	84	74	68	75	82	84	82	78	71	79	81	83	86	80	83	69	67	71	78	82	80	80	81	79	77.4
	Minimum	59	63	55	56	59	62	58	58	49	43	41	43	47	53	41	37	40	48	56	64	66	50	40	48	47	43	41	47	52	53	59	50.9
Mammoth Spring	Maximum	75	73	68	65	66	72	71	64	60	64	74	81	74	65	61	71	77	78	79	74	77	69	63	65	67	77	78	78	78	80	81	71.6
	Minimum	62	51	45	57	54	53	53	50	34	32	37	45	49	49	40	33	37	38	40	56	54	48	34	36	33	35	34	38	40	48	51	43.9
Marianna /	Maximum	76	70	65	65	78	75	79	65	65	75	81	81	67	61	70	77	79	80	81	82	67	66	63	66	68	78	78	78	80	81	85	73.6
	Minimum	66	60	60	54	59	60	54	55	41	35	39	46	49	49	45	36	39	43	50	57	60	51	41	45	46	40	38	44	59	48	54	49.1
Marked Tree /	Maximum	79	76	70	60	66	77	78	67	60	65	75	82	77	61	61	70	77	79	82	80	80	53	66	58	66	69	78	80	78	80	82	72.0
	Minimum	60	57	50	51	54	56	55	59	40	37	38	40	49	48	44	36	40	40	46	51	57	52	41	41	42	44	38	39	44	48	49	46.5
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mena	Maximum	73	77	68	61	66	78	72	75	75	71	78	81	84	81	66	74	78	80	80	78	72	64	69	59	73	80	79	79	79	80	72	74.4
	Minimum	64	56	54	53	54	60	54	62	45	42	42	46	48	51	47	39	44	49	58	56	57	45	35	45	33	40	44	46	49	51	58	49.3
Monticello	Maximum	84	77	74	73	68	78	78	84	58	67	75	80	82	79	68	70	78	79	81	83	81	71	70	60	66	72	79	78	78	80	78	75.2
	Minimum	70	58	56	58	69	62	60	56	41	42	45	46	51	53	49	38	42	46	55	62	63	46	42	42	44	43	44	52	54	54	59	51 5
Morrilton /	Maximum	79	67	70	63	65	76	72	62	59	65	77	80	81	67	65	61	79	79	85	78	81	69	67	56	68	70	87	78	81	81	80	72.7
	Minimum	65	58	54	55	54	58	55	55	43	36	36	28	52	51	46	38	45	49	49	49	40	40	39	39	38	39	39	39	39	41	42	46.2
Mountain Home	Maximum	75	76	70	66	68	78	76	70	60	67	77	82	75	65	63	72	81	82	69	79	76	71	66	54	72	70	82	81	82	82	83	73 2
	Minimum	62	51	44	52	53	54	51	50	35	32	37	46	49	49	42	33	49	43	52	56	56	45	32	41	31	35	38	41	44	52	54	45.1
Mt. Ida	Maximum	81	83	71	62	63	79	73	79	62	67	77	84	80	72	66	73	79	79	82	86	80	73	68	59	72	76	78	79	80	83	80	75.0
	Minimum	67	55	51	55	56	61	53	56	42	39	36	50	58	40	44	34	36	37	50	54	56	48	32	46	31	34	34	38	43	45	49	45.8
Nashville	Maximum	83	79	71	64	65	76	75	83	68	69	71	80	85	81	69	73	77	80	79	83	81	65	68	58	69	73	80	79	80	82	79	75.0
	Minimum	70	64	59	51	57	68	57	62	49	44	43	57	48	55	50	40	42	43	52	60	59	49	38	49	37	40	42	44	48	54	51	51.1

Daily Temperatures for October, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	84	80	73	63	67	80	77	70	62	66	75	83	79	61	64	73	78	81	82	82	83	71	67	55	70	70	78	80	80	81	83	74.1
	Minimum	65	57	51	55	56	56	54	57	41	35	39	45	52	49	47	37	40	46	53	60	63	51	39	44	38	41	38	41	45	52	56	48.5
Nimrod Dam....../	Maximum	79	81	67	63	63	79	73	73	57	66	77	82	82	69	66	73	80	80	79	79	80	65	69	56	69	72	79	79	80	80	59	72.8
	Minimum	58	55	54	53	55	57	55	57	43	38	40	42	51	59	55	40	40	43	47	55	58	49	38	40	39	39	39	43	45	51	51	48.0
Oden	Maximum	81	80	70	63	65	78	73	78	62	72	80	84	85	80	70	76	81	81	79	81	77	66	71	57	74	76	80	80	80	82	73	75.3
	Minimum	62	57	54	56	57	58	53	62	43	40	40	45	47	54	45	38	43	42	53	39	50	48	33	41	33	39	39	43	53	51	54	48.1
Okay	Maximum	73	83	79	70	65	78	78	81	74	68	76	82	84	85	72	23	78	81	81	85	82	76	69	66	69	75	80	81	83	83	81	77.5
	Minimum	58	59	56	56	57	61	57	64	48	44	40	42	45	51	49	36	39	40	56	60	63	48	37	76	36	33	39	41	49	52	55	49.1
Ozark	Maximum	76	78	68	63	66	77	73	71	69	67	72	77	80	72	68	70	75	81	78	78	72	64	66	57	69	70	77	76	78	70	70	72.5
	Minimum	57	56	52	52	52	60	55	51	45	40	41	42	50	57	48	40	45	48	55	57	58	48	37	48	34	40	42	46	50	55	56	48.9
Paragould	Maximum	75	75	68	62	65	75	74	68	61	61	69	78	72	65	75	65	73	75	78	73	77	54	60	56	62	64	72	75	75	76	78	69.5
	Minimum	69	55	47	52	55	56	53	55	38	35	38	47	52	48	43	36	39	45	49	56	61	49	42	44	38	40	36	40	42	51	66	47.6
Perryville	Maximum	82	80	78	75	75	83	82	75	74	72	78	80	84	85	79	74	80	81	84	80	82	80	86	84	80	80	88	85	88	89	83	80.8
	Minimum	65	65	51	54	54	60	55	52	41	34	37	45	56	47	45	34	45	38	41	56	49	40	48	34	35	30	31	40	42	49	46	45.5
Pine Bluff	Maximum	76	78	70	65	64	76	76	70	65	67	76	86	82	74	65	72	79	80	79	81	80	71	61	62	61	70	80	79	70	81	80	73.7
	Minimum	70	62	57	59	59	62	59	60	47	42	44	49	52	56	49	42	45	49	55	62	64	51	44	49	48	47	43	46	52	53	59	52.8
Pocahontas	Maximum	81	88	70	64	65	79	77	68	62	65	73	83	76	67	62	72	78	78	81	78	78	71	66	60	69	69	75	79	79	79	81	73.3
	Minimum	63	51	47	52	54	55	52	55	48	34	38	46	52	48	42	35	39	42	50	56	57	48	39	43	37	32	35	40	41	49	52	46.5
Portland	Maximum	86	76	72	72	78	76	77	82	74	65	72	82	80	80	71	68	75	79	78	83	81	71	70	65	63	70	80	78	80	80	80	75.6
	Minimum	71	67	56	56	62	65	60	65	48	42	43	45	50	55	50	40	40	45	50	60	60	53	42	45	50	42	42	44	48	49	58	51.7
Prescott	Maximum	83	81	75	65	64	77	75	83	70	66	75	81	83	79	70	71	78	81	82	82	82	76	69	64	69	72	79	79	80	81	78	75.8
	Minimum	70	62	57	56	58	61	60	61	48	46	43	48	50	55	49	42	43	48	55	61	64	50	41	48	45	33	43	45	51	52	56	52.0
Rogers	Maximum	77	72	67	68	64	70	74	67	60	67	75	80	79	68	64	71	77	80	65	78	68	59	65	55	71	74	75	75	79	77	77	70.9
	Minimum	56	50	45	53	53	58	49	52	35	37	41	46	49	52	45	37	45	51	55	47	45	38	33	45	32	39	50	47	47	57	56	46.6
Russellville	Maximum	78	81	75	64	66	80	76	72	66	67	77	82	81	76	68	72	80	80	79	79	80	75	67	58	68	70	80	79	80	82	81	74.5
	Minimum	66	58	52	56	57	61	56	57	44	36	40	45	50	48	48	37	42	44	51	59	58	50	36	47	37	38	39	40	46	52	52	48.5
St. Charles	Maximum	86	87	73	70	66	78	76	81	71	67	75	81	84	74	64	69	76	78	80	78	81	73	69	65	66	72	76	78	80	81	81	75.4
	Minimum	67	60	51	54	57	60	55	57	42	37	40	44	49	49	45	37	39	48	48	58	59	48	49	44	45	42	38	41	46	48	53	48.7
Searcy	Maximum	84	82	71	63	66	82	74	71	61	70	79	85	80	67	64	76	82	82	82	80	83	70	71	62	72	73	82	82	83	83	83	75.6
	Minimum	66	57	53	55	56	57	55	56	40	34	39	45	52	50	45	36	38	45	49	58	61	50	40	44	38	42	37	40	45	50	57	48.1
Sheridan	Maximum	80	79	66	62	62	80	75	78	62	65	75	80	82	75	64	72	78	78	79	83	81	72	69	58	69	70	78	78	80	80	78	73.8
	Minimum	66	57	50	53	55	59	54	56	43	35	38	45	48	48	44	36	39	43	51	54	61	47	36	45	40	39	39	43	47	51	54	47.6
Siloam Springs	Maximum	70	71	66	60	64	72	72	70	60	67	75	79	80	76	64	..	76	79	66	77	71	59	65	56	72	73	75	75	78	79	77	70.8
	Minimum	56	48	45	52	53	51	52	52	38	39	40	45	48	47	47	36	..	55	55	45	46	38	34	42	30	37	47	48	50	57	60	46.4
Stuttgart	Maximum	77	76	69	63	63	78	74	79	65	69	72	79	80	72	63	68	76	79	78	81	80	55	65	62	64	68	76	78	77	80	81	72.5
	Minimum	70	61	54	57	58	62	58	59	45	40	43	49	53	53	48	40	48	47	52	60	59	50	42	49	46	44	43	46	50	53	55	51.3
Stuttgart Evap	Maximum	76	77	68	67	63	77	71	78	57	70	74	..	81	69	62	70	76	78	78	80	80	52	65	61	65	70	75	76	77	78	80	71.5
	Minimum	50	62	55	56	59	60	55	57	45	39	41	46	..	56	47	38	40	45	50	51	60	50	42	45	48	43	41	42	48	50	58	49.3
Subiaco	Maximum	68	75	74	61	65	77	74	68	60	63	75	77	79	77	65	67	78	82	76	74	75	63	66	57	65	68	77	79	77	80	84	71.8
	Minimum	65	57	53	55	54	59	55	58	44	38	41	48	52	52	46	46	44	45	54	55	56	47	38	47	36	41	42	48	65	55	55	50.0
Texarkana	Maximum	80	78	75	68	65	76	76	79	60	66	76	80	83	78	67	71	76	80	81	83	81	62	68	56	66	74	78	77	81	81	79	74.2
	Minimum	68	61	58	58	60	63	61	61	49	45	46	48	51	55	51	42	45	51	60	63	52	48	43	49	40	44	50	49	59	58	62	53.2
Turnpike	Maximum	70	69	62	60	62	71	64	64	54	62	69	74	76	66	59	65	71	72	68	72	67	65	62	51	62	66	71	71	73	74	74	66.6
	Minimum	54	47	47	46	46	53	53	49	33	37	46	54	55	46	40	40	49	50	52	51	58	38	36	41	34	43	46	52	51	54	55	47.0
Waldron	Maximum	76	78	66	62	64	77	77	71	62	68	78	82	83	80	67	74	79	82	79	80	75	63	68	58	70	74	79	79	81	80	75	73.8
	Minimum	64	53	50	54	55	60	53	56	43	38	38	41	43	48	44	36	40	42	55	50	55	45	33	47	31	35	37	39	41	48	52	46.0
Warren	Maximum	80	76	76	74	69	78	76	80	70	65	72	78	79	79	70	68	76	79	80	82	83	78	67	60	60	70	74	76	78	78	78	74.5
	Minimum	70	60	56	97	60	63	61	62	48	42	43	46	50	53	49	40	41	47	47	62	64	52	43	46	49	41	41	43	51	51	59	51.5
White Rock	Maximum	68	74	60	59	61	73	67	65	56	63	71	74	75	64	64	68	73	74	69	70	63	58	62	51	65	66	70	72	73	74	74	67.0
	Minimum	57	54	48	47	47	56	55	49	36	39	44	52	55	54	42	41	50	52	53	52	42	38	39	40	35	48	50	52	53	57	57	48.2
Wilson	Maximum	80	76	69	63	66	75	72	71	62	62	71	80	74	65	59	63	75	78	78	78	81	60	62	65	63	64	76	80	76	78	80	71.0
	Minimum	63	54	47	48	54	56	54	51	36	33	36	48	51	45	40	33	41	44	49	47	59	51	39	43	41	38	37	42	45	47	53	46.0
Wynne....../	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily River Stages for October, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	26.4	28 3	28.5	27.4	26.3	24.9	24.1	23.8	23.0	22.4	21.7	20.6	18.4	14.4	11.8	10.6	9.5	8.8	8.6	8.5	8.6	8.9	9.1	9.5	12.0	12.1	10 1	8.6	8.1	7.8	7.1
Van Buren	do	22	27.2	29.1	29.4	28.4	27.3	25.9	24.8	24.5	23.6	22.9	22.1	21.0	19.0	14.7	12.0	10.1	9.1	8.4	8.1	8.5	8.2	8.3	8.6	9.0	11.6	12.2	10.1	8.6	7.9	7.6	7.6
Danville	Petit Jean	20	15.8	16.3	17.7	14 0	9.8	8.7	8.2	7.1	6.2	5.4	5.1	4.9	4.4	4.2	4.1	3.9	3.7	3.6	3.5	3.4	3.3	5.6	12.3	12.2	7.8	6.1	5.4	4.9	4.7	4.4	4.2
Ozark	Arkansas	22	23.1	24.7	25 8	25 4	24.3	22.8	21.2	20.7	20.0	19.1	18.4	17.3	16.1	12.9	9.3	7.0	5.9	5.0	4.6	4.3	4.3	4.6	4.8	5.1	6.0	8.3	7.6	5.3	4.5	4.1	3.8
Dardanelle	do.	22	24.8	25.9	27.3	27.7	27.0	25.9	24.4	23.2	22.7	21.8	21.0	20.3	19.2	17.1	13.4	10.4	8.5	7.5	6.6	6.3	6 0	6.3	6.6	6.8	7.0	8.9	10.2	8.8	7.2	6.2	5.7
Morrilton	do.	20	18.0	19.4	20.6	21.6	21.6	20.8	19.7	18.6	17.8	17.2	16.4	15.7	14.8	13.4	10.4	7 0	4.8	3.5	2.6	2.0	1.6	1.7	2.1	2 4	2.6	3.2	5.6	5.0	3.2	3.0	1.3
Little Rock	do.	23	18.2	19.5	20.2	21.0	21.1	20.9	20.3	19.4	18.6	18.1	17.3	16.7	16.0	15.0	12.8	10.2	8.1	6.6	6.0	5.6	5.2	4.9	4.8	4.9	5.3	5.4	6.2	7.2	6.5	5.4	4.6
Pine Bluff	do.	25	21.5	22.3	23.1	23.9	24.5	24.5	24.0	23.2	22.1	21.4	20.5	20.0	19.7	19.0	18.3	15.9	13.6	12.1	10.2	8.8	8.0	7.6	7.2	7.0	7.3	7.7	7.8	9.3	11.6	8.9	7.4
Gilbert	Buffalo	30	5.5	5.4	5.0	4.8	4.7	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4 5	5.1	4.9	4.8	4.7	4.7	4.7	4.6	4.5
Black Rock	Black	14	11.6	11.5	11.0	10.3	9.6	9.2	8.9	8.6	8.4	8.2	8.0	7.8	7.6	7.2	6.9	6.4	5.9	5.4	4.9	4.6	4.4	4.2	4.1	4.6	4.8	4.8	4.9	4.8	4.8	4.7	4.7
OzarkBeachMo.	White	30	9.4	9.7	9.0	8.4	6.3	5.2	4.8	4.6	2.0	2.6	1.6	1.8	1.3	0.0	1.3	1.2	0.8	0.4	0.8	-0.4	-0.4	2.9	6.7	5.8	5.6	5.0	4.6	3.0	1.1	3.7	3.2
Cotter	do	21	9.6	9.8	9.9	9.3	8 7	8.1	6.0	5.8	5.2	4.2	4.3	3.9	3.9	3.8	3.0	2 6	2.4	3.2	3 0	3.2	3.3	3.4	5.4	7.8	6.8	6.5	5.9	5.4	4 6	4.3	4.0
Calico Rock	do	18	8.5	8.6	8.6	8 4	8.0	6.7	5.6	4.9	4.5	4.2	2.8	4.2	3 7	3.5	3.5	3.8	3.1	3.2	3.2	3.2	3.1	3.5	5.6	7.3	6.9	6.4	6.1	5.5	5.2	4.7	3.8
Batesville	do	23	13.9	14.9	14.7	14.7	14.0	13.3	11.7	10.8	10.1	9.7	9.2	8.7	9.4	9.2	9.0	9 0	8 8	8.3	8.3	8.3	8.3	8.4	8.8	10.8	12.8	11 8	11.5	11.1	10.6	10.2	9.9
Newport	do	26	15.2	15.8	16.2	16.3	16.0	15.5	14.2	12.5	10.9	9.7	8.9	7.9	7.7	7.5	7.2	6.8	6.6	5.9	5.5	5.2	5.0	4.7	4.7	5.5	7.8	9.1	8.8	8.5	7.9	7.4	6.7
Augusta	do.	32	27.0	27.5	27.9	28.1	28.2	28 2	27.8	26.8	25 6	24 2	23.1	22.2	21.0	20.6	20.2	19.7	19.3	19 0	18.3	17.8	17.4	17.2	16.6	16.8	18.0	20.3	21.1	21.1	20.8	20.3	19.7
Sugar Loaf Mt.	Little Red.	..	6 1	5.8	5.6	5.3	5.1	4.9	4 7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.6	3.5	3.8	4.4	4.4	4.2	4.1	4.0	3.9	3.9
Georgetown	White	21	15.8	16.5	16.7	17.0	17.1	17.2	17.2	17.0	16.4	15.5	14.4	13.4	12.5	11.0	10.6	10.1	9.7	9.3	8.8	8.2	7.7	7.5	7.1	6.8	7.1	8 5	10.0	10.6	10.5	10.2	9.8
Des Arc	do	24	16.5	17.4	17.9	18.4	18.4	18.8	18.8	18.6	18.5	18.1	17.5	16.7	15.7	14.8	14.0	13.4	12.7	12.1	11.5	11.5	10.5	10.0	9.8	9.4	9.3	9.8	11.3	12.2	12.5	12.5	12.3
Clarendon	do	26	18.6	20.2	20.9	21.3	21.7	22.1	22.4	22.6	22.7	22.8	22.8	22.6	22.3	21.9	21.2	20 5	19.8	19.0	18.2	17.4	16.6	16.0	15.5	15.0	14.6	14.3	14.7	15.5	16.2	16.6	16.7
St. Charles	do	25	16.0	17.9	18.8	19.6	20.2	20.6	21.1	21.4	21 8	21.9	22.1	22.2	22.2	22.1	21.9	21.5	21.0	20.3	19.4	18.5	17.4	16.6	15.9	15.1	14.5	14.0	13.9	14.3	14.8	15.3	15.6
Glenwood	Caddo	..	6.5	6.3	5.8	5.8	5.7	5.6	5.6	5.6	5.5	5.4	5.4	5.3	5.3	5.3	5.2	5 2	5.2	5.2	5.2	5.2	5.2	5.8	5.7	5.7	5.7	5.4	5.4	5.3	5.3	5.3	5.2
Arkadelphia	Ouachita	17	11.9	12.3	9.2	12.3	10.2	9.0	7.4	6.1	6.8	7.1	7.1	7.0	7.0	7.0	5.0	6.1	6.1	6.0	4.7	5.2	5.1	4.8	8 2	6.9	7 3	7.3	5 6	5.2	5.6	5.6	6.5
Boughton	Little Mo.	20	7.9	7.6	7.3	7.2	7.9	5.7	5 4	5.2	5.0	4.8	5.2	5 1	5.0	4.9	4.8	4.8	4.7	4.4	4.3	4.2	4 2	4.2	5.6	5.9	5.4	5.2	5 2	5.1	5.0	5.0	4.8
Camden	Ouachita	26	19.8	19.8	19.5	18.8	18.4	16.8	14.6	10.8	9.7	7.9	8.5	8 7	8.7	8.5	8.5	7.5	6.0	7.2	6.4	6.2	5.3	5.8	6 2	8.6	11.4	10.1	10.2	8.0	7.6	6.9	5.9
Benton	Saline	20	9.3	8.3	7.6	6.9	6.7	6.6	6.5	6.3	6 2	5.5	5 5	5.4	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.6	4.6	5.7	6 9	7.0	6.7	6.1	5.8	5.6	5.4	5.2	5.0
Index	Red	25	17.6	18.2	17.3	16.4	16.7	18 2	19.4	19.4	19.6	20.4	20.9	19.4	18.0	17.9	17.4	17.1	17.0	16.1	16.0	16.6	16.6	15.6	14.8	13.8	13.4	13.4	13.0	13.5	14.7	14.2	12.8
Fulton	do	25	19.2	20.1	20.1	19.1	19.7	21.8	22.6	22 5	22.3	22.9	23.1	22.4	20.7	19.6	19.6	18.6	18.2	18.1	17.8	17.7	17 7	16.9	16.0	15.3	14.8	14.6	14.1	14.2	15.1	15.2	14.1
St. Francis	do	18	18.2	18.8	18.8	18.7	18.7	18 7	18.7	18.6	18 4	18.1	17.6	17 0	16.1	14.9	13.6	13.2	11.1	10.3	9.7	9.1	8 8	9.9	11.3	11.2	12.9	14.7	15.6	16.3	16.8	17.2	17.0
St. Francis L.L.	do	..	19.3	19.9	20.3	20.8	21.3	21.5	22.0	22.4	22.2	22.3	22.3	22.8	22.3	22.3	22.2	22.1	22.0	21.9	21.8	21.6	21.1	21.3	20.9	20 7	20.5	20.4	20.2	20.0	19.9	19.8	19.7
Marked Tree	do	17	7.0	7.7	7.9	8.0	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	8 0	8.0	7.9	7 8	7.8	7.6	7.5	7.5	7.4	7.3	7.1	7.0	7.0
Parkin	do	28	7.4	10 5	11.2	11.3	11.1	10.9	10.5	10.5	10.5	10.6	10.7	10.7	10.7	10.7	10.7	10.1	10.5	10.3	10.0	9.9	9.6	9.4	9.1	8.8	8.5	8.2	8.0	7.9	7.7	7.5	7.3
Madison	do	32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Mississippi	44	19.0	21 0	22.4	24.0	25.3	25.9	26 0	25.9	25.6	25.0	24.0	22.6	21.4	20.5	19.7	19.1	18.4	17.5	16.3	14.6	12.8	11.9	11.3	10 8	10.7	11 0	11.2	11.0	10.8	10.9	11.4
Arkansas City	do	42	17.5	20.5	22.5	24.1	25.5	26.5	27.3	27 5	27.3	26 9	26.4	25.6	24.9	23.9	23.1	22.2	20.9	19.4	18.3	16.9	15 0	13.5	12.2	11.3	10.7	10.3	10.4	10 6	10.7	10.8	10.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. a, b, c, etc., number days missing, example, b indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. 1 Midnight to midnight. 2 Measured in the morning for the preceding 24 hours. 3 Data for 24 hours ending at 12:30 a. m. of the following day. 4 Best available used for stations not equipped with recorders. 5 Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio: Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—11-7-1945—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. L LITTLE ROCK, ARK., NOVEMBER, 1945 NO. 11

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

November was quite warm in Arkansas, temperatures averaging over two degrees above normal. It was the warmest November since 1942 and the second warmest since 1934. Warm and cool periods alternated at frequent intervals. The highest temperatures of the month occurred on the 1st at most stations, and the lowest temperatures were recorded on the 23d and 24th. Freezing temperatures were recorded to the southern border of the State during the month. Killing frost ended the growing season in most sections on the 22d.

The average precipitation for the State as a whole was slightly above normal. The distribution however, was very uneven, ranging from more than 10 inches at some stations in the eastern counties to less than an inch in the extreme northwestern section. General rains fell in the State on the 9th, 10th, 18th, and 21st. The heaviest rains occurred on the 9th and 10th, several stations measuring over three inches in a 24 hour period. A light snowfall occurred at Paragould on the 30th. All rivers in the State were at low stages during November.

The weather was quite favorable for outside farm work. Cotton picking made fairly good progress but there was still considerable cotton in the fields at the end of the month. The remainder of the corn crop was gathered, and rice threshing was a major activity in the eastern section. Ample moisture over the eastern two thirds of the State favored the growth of winter grains and cover crops. Plowing, butchering, and wood cutting were other farm activities engaged in when weather permitted.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 75 stations, was 53.5°, which is 2.2° above the 55 year average for November. The highest monthly mean temperature was 59.9° at Warren, and the lowest was 45.9° at Gravette. The highest temperature recorded was 88° at Monticello on the 2d. The lowest temperature recorded was 14° at Gilbert on the 24th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 101 stations, was 3.97 inches, which is 0.24 inch above the 55 year average for November. The greatest monthly total was 11.47 inches at Parkin, and the least was 0.34 inch at Bentonville. The greatest amount recorded in any 24 hour period was 4.71 inches at Georgetown on the 2d and 3d.

B. N. W.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms:----2,3,6,8,9,10,11,12,13,14,16,17,18,19,20,21,26,27.
Hail:---2,11,13,18,19,20,26,27.
High Winds:---1,4,5,6,7,8,9,11,12,13,15,16,17,18,20,21,22,23,24,26.
Heavy Fog:---10,11,12,13,18,20,26,30.
Sleet:---8,9.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.40	15	29.60	1	9.1	43	nw.	11	81	55	65	63	372
Little Rock	30.47	15	29.69	1	10.1	46	s.	23	82	58	65	52	358
Memphis .	30.49	15	29.71	21	9.6	47	nw.	11	84	63	69	60	386

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	49.7	87	10	5.56	....	8	13	7	10
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0.0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0.1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	85	11	1.96	T	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47 8	89	10	1.95	T	5	15	4	11
1921	54 9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.34	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50 4	89	15	5 67	T	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0 1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50 5	87	16	4.15	T	7	16	4	10
1931	57.6	88	18	6.34	T	9	9	6	15
1932	46.7	82	9	1.98	0.1	6	16	4	10
1933	53.0	85	20	1.86	T	4	16	6	8
1934	54.0	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	3.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
1937	48.3	90	6	4.99	0.5	8	13	6	11
1938	50.7	89	8	5.26	0.1	5	16	6	8
1939	48 8	87	14	3.39	T.	7	12	5	13
1940	49 3	82	3	5.93	T.	9	13	5	12
1941	49.9	87	18	2.31	T.	6	15	6	9
1942	54.5	88	18	3.83	T.	8	12	5	13
1943	49.7	88	15	1.10	T.	3	19	5	6
1944	52.7	87	17	4.70	0.1	7	10	7	13
1945	53.5	88	14	3.97	T	8	14	7	9
Period	51.3	96	2	3.73	T.	6	14	6	10

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Climatological Data for November, 1945

Stations	Counties	Elevation	Lenght of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unsettled	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***.	Saline	755	8	53.8	......	80	1	24	22	4.76	......	0.90	10	0.0	11	6	11	13	w.	L. R. Water Works
Arkadelphia	Clark	200	49	54.8	+ 1.6	85	1	22	23†	4.68	+0.87	2.03	9-10	0.0	8	14	3	13	s.	W. H. Halliburton
Arkansas City	Desha	145	60	......	......	......	......	......	......	3.66	−0.36	1.27	10	0.0	11	12	3	15	......	John W. Trammell
Ashdown	Little River	329	1	......	......	......	......	......	......	....	......	....	......	......	......	......	......	....	......	J. F. Ferguson
Batesville Airway	Independence	363	9	51.0	+ 1.9	81	2	21	24	3.38	......	1.08	9-10	0 0	14	14	11	5	nw.	Airway Observer
Batesville Livestk.	Independence	500	4	51.8	......	81	16	20	24	2.51	......	0.84	9-10	0.0	7	14	12	4	nw.	University of Arkansas
Batesville River	Independence	277	45	......	......	......	......	......	......	3.47	+0.04	1.15	9-10	0.0	9	16	7	7	......	C. M. Barnwell
Bee Branch	Van Buren	650	52	51.8	+ 1.2	83	2	23	23	4.20	+0.68	2.12	18-19	0.0	6	17	2	11	n.	Minnie Scanlan
Benton	Saline	285	9	50.9	......	83	1	18	24	5.09	......	1.85	9-10	0.0	9	19	6	5	ne.	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	49.8	+ 1.5	82	1	20	22	0.34	−2.97	0.15	12	0.0	3	19	6	5	sw.	E. L. Brown
Bethesda***	Independence	500	5	51.0	......	82	2	22	24	2.61	......	0.81	9-10	0.0	6	15	11	4	s.	Soil Cons. Service
Big Lake Outlet***	Mississippi	239	14	......	......	......	......	......	......	5.65	+2.43	1.11	8-9	0.0	11	10	8	12	e.	N. W Douglas
Black Rock	Lawrence	259	43	......	......	......	......	......	......	4.30	+0.31	1.52	9-10	0.0	9	13	6	11	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	4	......	......	......	......	......	......	....	......	....	......	......	......	......	......	....	......	Ark. Forestry Com
Blytheville	Mississippi	252	19	52.2^{e}	+ 2.0	79^{e}	9	24^{e}	24	4.77	+1 41	1.02	9	0.0	8	12	11	7	s.	Maureen K Norris
Booneville 3 miles w	Logan	465	30	55.0	+ 3.2	85	1	21	24	1.18	−2.08	0.45	9-10	0 0	8	15	8	7	w.	F. H. Randolph
Boughton***	Clark	235	9	......	......	......	......	......	......	3.45	......	2.20	9-10	0.0	4	13	3	14	......	Katie B. Moore
Brinkley	Monroe	205	53	52.8	+ 0.9	80	1	25	23†	9.72	+5.76	2.40	8-9	0.0	14	14	3	13	s.	U. S. Weather Bureau
Calico Rock	Izard	361	40	......	......	......	......	......	......	2.40	−0.69	0.88	9-10	0.0	9	13	2	15	......	William Jones
Camden	Ouachita	116	59	57.5	+ 4 2	83	1†	24	24	6.01	+1.60	2.96	9-10	0.0	9	11	8	11	se.	J. M. Knight
Camp Chaffee	Sebastian	419	1	54.4	......	83	1	24	24	1 65	......	0.55	9-10	0 0	5	15	5	10	sw.	U. S. Army
Camp Robinson	Pulaski	463	4	52.8	......	81	1	23	24	4 84	......	1.50	9-10	0.0	11	10	11	9	se.	U. S. Army
Clarendon	Monroe	172	40	......	......	......	......	......	......	9.93	+5.98	2.45	9-10	0.0	11	13	3	14	......	B F. Northern
Conway	Faulkner	309	61	54.6	+ 2 9	82	1	23	24	5.09	+1.12	1.22	10	0.0	12	14	8	8	s.	E E. Cordrey
Corning	Clay	293	51	51.4	+ 2.8	78	17	21	24	3.37	−0.10	0.90	9-10	0.0	9	13	4	13	s.	Mrs. Laura Polk
Cotter	Baxter	440	17	......	......	......	......	......	......	1.78	−1.13	0.46	9-10	0.0	6	16	9	5	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	32	57.2	+ 3.5	82	2	21	24	3.39	−0.83	0.81	27	0.0	10	12	9	9	s.	U. S Forest Service
Cummins Farm***	Lincoln	176	1	57.1	......	81	1	27	23†	5.20	......	1.90	9-10	0.0	7	14	12	4	s.	T. C. Cogbill
Danville	Yell	327	28	......	......	......	......	......	......	2.13	−1.38	0.70	9-10	0.0	8	12	3	15	......	J. A. Moudy
Dardanelle	Yell	330	58	55.4	+ 3.7	83	1	23	24	3.03	−0.40	1.11	18	0.0	9	10	7	13	n.	Geo. N. Goodier
DeQueen	Sevier	426	9	55.0	......	83	1	21	24	1.88	......	1.19	9-10	0.0	5	13	9	8	......	L. D. McCowan
Des Arc	Prairie	204	6	54.2^{g}	......	82^{g}	1	25	24	7.44	......	1.52	9-10	0.0	7	7	7	16	s.	Z. R. Glenn
Devils Knob***	Johnson	2350	8	49.5	......	74	1	20	23	2.46	......	0.67	11-12	0.0	8	19	3	8	sw.	U. S. Forest Service
Dumas	Desha	162	39	56.6	+ 3 2	83	1	26	24	4.30	+0.07	1.55	9-10	0.0	9	9	10	11	n.	Ben Johnson
El Dorado	Union	270	44	57.1	+ 2.0	83	1	32	30	3.21	−1.51	2.07	9-10	0.0	5	13	10	7	s.	Airway Observer
England	Lonoke	229	38	......	......	......	......	......	......	....	......	....	......	......	......	......	......	....	......	O. V. Halbrook
Eureka Springs	Carroll	1465	44	51.6	+ 1.7	79	1	22	23	1.45	−1.82	0.60	12	0.0	6	20	8	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	7	51.2	......	81	1	23	23	1 65	......	0.79	16-17	0.0	7	13	8	9	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	57	50.4	+ 1.1	80	1	20	23	1.30	−1.78	0.55	16	0.0	5	13	14	3	s.	University of Ark.
Fordyce	Dallas	280	4	57.1	......	83	1	27	23	8.91	......	....	......	0.0	10	5	21	4	sw.	Ark Forestry Com.
Fort Smith	Sebastian	448	63	53.4	+ 2.4	82	1	23	24	1.35	−1.52	0 59	9-10	0.0	4	11	9	10	ne.	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	7	......	......	......	......	......	......	2.49	......	0.88	12	0.0	6	20	6	4	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	......	......	......	......	......	......	3.21	−0.52	2 20	9-10	0 0	7	11	7	12	......	Ina J. Logan
Garland	Miller	225	2	......	......	......	......	......	......	6.66	......	3.95	9-10	0.0	5	13	0	17	......	L. D. Denney
Georgetown, 2 mi, se	White	200	32	......	......	......	......	......	......	10.97	+7.23	4.71	2-3	0.0	12	13	0	17	......	J. S. McDonald
Gilbert	Searcy	600	19	47.8	......	82	1	14	24	1 50	−1.28	0.60	9-10	0.0	5	14	8	8	s.	D O. Dennis
Glenwood	Pike	547	9	......	......	......	......	......	......	3.80	......	1.73	10	0.0	9	0	1	29	......	C. A. Price
Granuis	Polk	950	25	55.2	+ 4.4	82	1	23	22	2.80	−1.89	0.86	9-10	0.0	11	14	4	12	s.	W. E. McVay
Gravette	Benton	1250	47	45.9	− 2.5	73	1	19	22†	0.64	−1.57	0.31	12	0.0	3	13	11	6	sw.	J. A. Schmidt
Green Mountain***	Stone	1100	7	51.8	......	79	1†	23	23	2.15	......	0 85	9-10	0.0	6	15	7	8	s.	U. S. Forest Service
Harrison	Boone	1052	44	50.4	+ 2.1	82	1	22	24	2.19	−0.56	0 62	17	0.0	6	18	7	5	nw.	J. M. McGaughey
Helena	Phillips	300	72	54.6	+ 1.9	79	6†	25	22†	7.59	+3.04	1.89	18	0.0	12	14	0	16	s.	James A. Burnett
Hope 3 miles e.	Hempstead	375	74	55.8	+ 2 6	85	1	25	24†	3.74	−0.75	2.48	9-10	0.0	10	13	7	10	sw.	Univ. of Arkansas
Hot Springs	Garland	600	52	56.2	+ 2.4	82	1	28	23	3.92	−0.34	1.45	9-10	0 0	12	14	9	7	s.	National Park Service
Index***	Little River	275	27	......	......	......	......	......	......	1.80	−2.29	0 85	10	0.0	4	20	1	9	......	W. E. McDowell
Jessieville	Garland	750	18	......	......	......	......	......	......	....	......	....	......	....	......	......	......	....	......	U. S. Forest Service
Jonesboro	Craighead	345	49	52.0	+ 1.0	77	1†	26	23	4.38	+1.01	1.64	9-10	0.0	14	12	6	12	sw.	Benedictine Sisters
Lead Hill	Boone	650	38	49.4	+ 1.9	85	1	17	24	1.54	−1.86	0.43	12	0.0	5	21	4	5	s.	F. W. Kellogg
Little Rock	Pulaski	257	65	53.8	+ 1.7	81	1	27	24	4.53	+0.34	1.45	9-10	0.0	11	13	5	12	sw.	U.S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	46	54.0	+ 3.3	80	1†	23	23	4.00	+0.40	1.83	19	0.0	9	16	7	7	se.	Mrs H. G. Lenhardt
Madison	St. Francis	209	14	......	......	......	......	......	......	8.67	+4.52	2.68	9-10	0.0	10	13	0	17	......	J W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	57.8	+ 2.8	83	2	27	22†	3.70	−0.94	1.75	9-10	0.0	4	14	8	8	sw.	State Agr. School
Mammoth Spring	Fulton	600	40	49.6	+ 1.3	80	1	16	24	1.83	−1.57	0.59	12	0.0	6	6	23	1	w.	L. A. O'Neal
Marianna	Lee	235	33	52.8	+ 0.9	82	2	25	24	10.65	+7.34	3.65	9-10	0.0	11	13	5	12	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	50.3	+ 1.5	78	8	22	25	9.57	+5.48	3.45	2	0.0	10	14	9	7	s.	Chas. Walton
Marshall	Searcy	1050	26	......	......	......	......	......	......	....	......	....	......	....	......	......	......	....	......	Roy Richardson
Mena	Polk	1207	56	54.4	+ 2.5	79	2	24	22	2.17	−1.39	0.63	21	0.0	8	14	6	10	sw.	E. W. St. John
Monticello	Drew	273	4	56.5	......	88	2	26	23	3.84	......	1.41	9	0.0	10	17	7	6	s.	Airway Observer
Morrilton***	Conway	315	28	......	......	81	1	......	......	2.68	−1.15	0.78	9-10	0.0	6	17	0	13	s.	L. A. Dicus
Mountainburg	Crawford	712	7	......	......	......	......	......	......	2.31	......	0.91	12	0.0	5	16	7	7	s.	C A Lovell
Mountain Home***	Baxter	800	32	50.6	+ 2 1	83	1	18	21	1.58	−1.56	0.40	9-10	0.0	5	16	7	7	sw.	H. N. Halbert
Mountain Valley	Garland	788	7	......	......	......	......	......	......	....	......	....	......	....	......	......	......	....	......	....
Mount Ida, 2 mi. e	Montgomery	702	45	53.1	+ 3.0	83	1	16	24	2.14	−1.98	1.00	9-10	0 0	8	13	7	10	w.	J. S. Whittington
Mulberry 6 mi. n***	Franklin	433	6	......	......	......	......	......	......	1.60	......	0.50	9-10	0.0	4	12	1	17	......	H. G. Arvin
Nashville	Howard	350	6	56.3	......	85	1	23	24	3.45	......	1.73	10	0.0	5	17	1	12	s.	Carter Day
Newport	Jackson	231	61	53.3	+ 2.4	82	1	23	24	4.94	+0.85	1.22	9-10	0.0	15	16	1	13	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	3	54.0	......	83	1	26	22	3.67	......	0.77	9-10	0 0	10	......	......	....	nw.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	17	55.8	......	83	1	23	24	2.45	−1.38	....	......	0.0	8	14	4	12	sw.	U. S Forest Service
Okay	Howard	288	16	57.1	+ 4.1	86	1	21	24	3.28	−0.80	1.83	9-10	0.0	8	16	7	7	s.	Charles R. Jackson
Osceola	Mississippi	250	44	......	......	......	......	......	......	....	......	....	......	....	......	......	......	....	......	G. M. Serey
Ozark	Franklin	396	49	53.7	+ 2.7	82	1	23	22†	2.14	−0.89	0.63	18	0.0	6	12	7	11	e.	Orkney O. Milton
Paragould	Greene	275	21	51.6	......	76	1	22	24	4.32	+1.00	2.23	9-10	0.0	12	16	10	4	sw.	J. E. Garrett
Parkin, 2mi. w	Cross	222	14	......	......	......	......	......	......	11.47	+7.81	2.80	2	0.0	10	12	0	18	......	Carroll King
Perryville	Perry	325	5	......	......	......	......	......	......	2.56	−1.04	0.82	13-14	0.0	10	6	16	8	w.	Gordon Bennett
Pine Bluff	Jefferson	215	57	57.0	+ 3.8	84	2	28	24	8.48	+4.31	2.86	9-10	0.0	9	16	7	7	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	......	......	......	......	......	......	2.80	−1.28	0.98	13	0.0	5	20	2	8	nw.	J. R. Huddleston
Pocahontas	Randolph	300	51	51.4	+ 1.4	78	17	19	24	3.11	−0.44	0.96	9-10	0.0	12	12	8	10	s.	Benedictine Sisters
Portland	Ashley	122	38	57.8	+ 3.6	82	2	26	24	3.17	−0.94	0.72	17 18	0.0	9	15	8	7	n.	Mrs. Pearl Newton
Prescott	Nevada	318	56	58.0	+ 4.1	83	1	27	23†	3.20	−0.44	2.00	9-10	0.0	9	14	8	8	s.	O. J. Stephenson
Rogers	Benton	1300	54	50.6	+ 1.9	82	1	16	23	0.38	−2.66	0.16	12	0 0	5	15	7	8	sw.	Howard Fowler
Russellville	Pope	526	32	53.3	+ 3.3	81	1	22	24	2.43	−1.32	1.00	18	0.0	7	11	9	10	w.	U. S. Forest Service
St. Charles	Arkansas	175	11	55.6	...	81	1	24	24	6.95	......	2.31	9-10	0.0	10	15	4	11	s.	U.S. Bio. Survey
St. Francis	Clay	290	17	......	......	......	......	......	......	4.85	+1.39	1.95	8-9	0.0	7	16	0	14	......	Wm. S. Buckley
Searcy	White	245	34	54.0	+ 3.2	83	1	22	24	5.57	+1.32	1.37	9-10	0.0	12	17	0	13	s.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	4	54.8	......	80	1†	22	24	6.38	......	1.90	9-10	0.0	13	12	10	8	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	4	51.4	......	81	1†	20	23	0.41	......	0.26	12	0 0	4	15	12	3	s.	John Brown Univ.
Story	Montgomery	650	20	......	......	......	......	......	......	2.64	−1.24	1.24	8-9	0.0	7	13	5	12	s.	S. C. Story
Stuttgart	Arkansas	214	57	55.0	+ 2.7	82	1	28	24	8.51	+4.45	3.41	9-10	0.0	7	17	4	9	sw.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	9	52.3	......	81	1	26	23†	8.02	......	3.00	10	0.0	10	18	3	9	......	University of Ark.

Climatological Data for November, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	46	53.8	+ 1.8	81	1	24	24	2.54	−0.62	1.32	18	0.0	5	14	10	6	s	New Subiaco Abbey
Texarkana	Miller	332	60	57.7	+ 2.5	84	1	27	24	3.64	−0.03	2.41	9–10	0.0	11	10	8	12	sw.	U. S. Weather Bureau
Turnpike ***	Pope	2240	20	47.3	......	73	1	19	23	4.05	+0.05	1.08	18	0.0	9	14	7	9	sw.	U.S Forest Service
Waldron	Scott	675	25	53.0[d]	......	82[d]	1	18	24	0.78	−2.72	0.35	9–10	0.0	4	16	10	4	nw.	William D Bivens
Warren	Bradley	206	50	59.9	+ 6.1	86	1†	26	24	4.18	+0.01	1.73	10	0.0	7	10	13	7	sw.	C. N Turner
Whitecliffs	Little River	290	38	....	......	......	......	......	......	2.70	−0.50	2.00	9–10	0.0	3	19	1	10	......	L. M. Snead
White Rock ***	Franklin	2285	8	50.0	......	74	1†	20	23	3.22	......	0.98	12	0.0	9	14	7	9	sw.	U. S. Forest Service
Wilson	Mississippi	237	19	52.4	+ 2.1	79	8	21	24	5.10	+1.61	......	......	0.0	5	17	6	7	......	D. O. Anderson
Wynne	Cross	167	36	....	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Mrs. C. A. Ford
State Means	......	....	..	53.5	− 2.2	88	2	14	24	3.97	+0.24	4.71	2–3	T.	8	14	7	9	s.	

Daily Precipitation for November, 1945

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Total
Abbott[2]	Arkansas			.43							.57			.11								.05						.15					1.31
Alum Fork Reser.	Arkansas		.18	.31			T.			.25	.90			.50				.05	.30	.16		.90					T.	.60	.61				4.76
Aplin[2]	Arkansas			.12			T.			.22	.74	.04	T.		.79			.08		.72		.49						.27					3.47
Arkadelphia[2]	Ouachita						T.			.53	1.94	.09	.02	.81						.73		.21						.35					4.68
Arkansas City[2]	Mississippi			.02			.01			.40	1.27	.56	.04		.37				.54	.02		.15						.28					3.66
Ashdown	Red																																....
Augusta[2]	White		T.	3.17			.02			.67	1.50	.32	.04	1.03	.65			.03		1.07		.50						.29					9.29
Batesville Air'y[3]	White		.06				.02		.38	.23	.85	.03	.44	.13	.09				.37	.09	.10	.08					.51						3.38
Batesville Livestk[2]	White			.10			T.			.10	.84		T.	.35	.10			T.		.40		T.						.62					2.51
Batesville River[2]	White			.09			T.			.47	1.15	.02		.39	.21			T.		.49		.20						.45					3.47
Beaty Lake	St. Francis	T.	.02	1.00			.03		T.	1.60	1.91	.25		.62	.32			.11	.39	2.02		.31						.66					9.24
Beaver[2]	White													.27	.10					.17		.13											0.67
Bee Branch	Arkansas								T.		.72			.77	.10					2.12		.17						.32					4.20
Beech Grove[2]	White						T.			1.70	.97	.06		.45	.03					.47								1.00					4.68
Beedeville[2]	White		T.	2.74				.02		.65	1.45	.40	.02	1.02	.45	.01					2.10							.19					9.05
Benton[2]	Saline		.05	.88						.29	1.85	.21		.72						.23		.59						.27					5.09
Bentonville[2]	Arkansas			T.						T.	T.			.15				T.		.09		.10											0.34
Bethesda[2]	White			.10						.15	.81			.40	.20					.45								.50					2.61
Big Flat[2]	White																																....
Big Lake Outlet[2]	St. Francis			.51			T.	.04		1.11	.92	.05	.04	.95	.27					.49		.47						.80					5.65
Black Rock[2]	White						.04	T.		.47	1.50	.02	.03	.52	T.					.51		.11						1.10					4.30
Bluff City	Ouachita																																....
Blytheville[2]	St Francis			.59						1.02	.97	.05			.63					.80		.26						.45					4.77
Booneville 3 mi. w	Arkansas			.08						*	.45		.34	.06						.07							*	.18					1.18
Booneville[2]	Arkansas			.37							.43			.58						.13								.25					1.76
Boughton[2]	Ouachita										2.20			.55								.17						.53					3.45
Bradford[2]	White			1.05			.01			.13	1.23	.24	.02	1.03	.37					1.88		.32						.41					6.69
Brinkley[3]	White		1.53				.01		1.19	1.85	1.66	T.	.03	1.46	.07			.19	.35	.58	.05	.48					.27						9.72
Burdette	Mississippi		1.03	.12						1.29	1.32	.08		.84						.73		.48							.26				6.15
Calico Rock[2]	White		T.				.02			.18	.82	.06		.45	.07			.02		.20		T.						.58					2.40
Camden[2]	Ouachita			.05		.33				1.06	2.96	.25	.02	.45						.23		.38						.28					6.01
Camp Chaffee[2]	Arkansas									.02	.55	T.	T.	.45						.37		.26						T.					1.65
Camp Robinson[1]	Arkansas		.71				T.		.27	.10	1.40	T.	.42	.30				.05	.32	T.	.01	.26					1.00						4.84
Carlisle[2]	Arkansas				1.41				1.06		1.80	.16	.97	.64					.42			.51					.16						7.13
Clarendon[2]	White			2.36			T.			2.04	2.45	.21	.02	.96	.22			.11		.86		.32						.38					9.93
Cold Springs[2]	Ouachita			.15						.12	.35	.10		.45						.05		.45						.45					2.12
Conway	Arkansas		.68				.03			.39	1.22	.02		.64	.45			.04	.78	.08		.34						.42					5.09
Corning[2]	White		T.				.02			.80	.05	.90		.60						.15	.05	.15						.65					3.37
Cotter[2]	White									.18	.46			.33				.31		T.		.18						.32					1.78
Crossett	Ouachita			.39						.70	.41	.03		.09	.43			T.	.04			.46					.03	.81					3.39
Crystal Valley[2]	Arkansas																																....
Cummins Farm	Arkansas		.30							1.10	1.90			.40						.60		.50						.40					5.20
Danville[2]	Arkansas			.01							.70		.01	.55	.34					.10		.07						.35					2.13
Dardanelle[2]	Arkansas			.70			T.			.03	.70		.02	.19	.03					1.11		.10						.15					3.03
De Queen	Red										1.19			.14					.08			.20					.27						1.88
Dermott[2]	Mississippi			.04						.41	.87	.57	.03		.44				.43			.23						.20					3.22
Des Arc[2]	White			.55						1.33	1.52	T.		1.22						1.15		.42						.55					6.74
Devils Knob	Arkansas			.03					.47			.54	.67			.11					.47		.13				.04						2.46
Dumas	Mississippi			.18			T.			.92	1.55	.02		.48				.10				.35					*	.70					4.30
Eagle Gap[2]	Arkansas	T.			.04				.03	.06	.70			.64				.07		.06		.46						.35					2.41
El Dorado	Ouachita			.17						*	2.07	.08		.89																			3.21
Eleven Point[2]	White			T.			T.	T.	T.	T.	.42		T.	T.	.58						.15	.03						.48					1.66
England	Arkansas																																....
Eureka Springs	White								.35				.60		.04			.06		.10		.30											1.45
Evening Shade[2]	White						T.		.15		.87		T.	.43	.08			T.		.48		T.						1.00					3.01
Fayetteville	White								T.	.03	.37	T.	.12				.01	.78	T.	.14		.20											1.65
Fayetteville Exp. S	White								T.		.30		.17				T.	.55		.17		.11											1.30
Fordyce	Arkansas			.30					*	*	5.25	T.		.78				.18	.55	.35		.50					T.	1.00					8.91
Forester[2]	Arkansas										.80		.60					.43	.10	T.		.70											2.63
Fort Smith[1]	Arkansas						T.		T.	.49	.10	T.	.21						.55			T.					T.						1.35
Fort Smith W.[2]	Arkansas									.25	.52			.88						.60		.20						.04					2.49
Fulton[2]	Red			T.						.05	2.18	.02	T.	.18	.12				T.	T.		.57						.09					3.21
Garland[2]	Red									1.07	3.95	T.		.65								.57						.42					6.66
Georgetown[2]	White			4.71				.04		.57	1.38	.26	.02	.98	.58			.11		1.60		.40						.32					10.97
Gilbert[2]	White										.60			.35	.05					.05								.45					1.50
Glenwood[2]	Ouachita		.13							.11	1.73		.09	.54				.08		.18		.82						.12					3.80
Grannis	Red			T.			T.		.14	.06	.80	.02	.42	T.			T.	T.	.06	.71	.03	.48					.02	.06					2.80
Gravelly[2]	Arkansas			.35			T.				.64		T.	.50	.53			.50		.18		.44						.29					3.43
Gravette	Arkansas								.15				.31							.18													0.64
Green Forest	White																																....
Green Mountain	White		T.				T.		T.	.10	.85	T.	T.	40	.10		T.			.35		T.						.35			T.		2 15
Greenwood[2]	Arkansas																																....
Harrison	White								.13		.38		.56					.62				.14						.36					2.19
Helena[2]	Mississippi			.54				.04		.56	1.64	.64	.03	1.02	.06				.02	1.89		.75						.40					7.59
Henderson[2]	White		T.							.41				.31				.44				.10						.31			T.		1.57
Hollis	Arkansas																																....
Hope[2]	Red			.10	T.		T.			.12	2.30	.06	T.	.41	.07				.03	.20		.29					T.	.16					3.74
Hot Springs	Ouachita		.06	02			.01		.02	.31	1.45		.02	.88				.01	T.	.16		.75						.23					3.92
Huttig[2]	Ouachita			.27						.22	1.16	.30			.88					.09		.51	.10					.65					4 18
Index[2]	Red										.85		.25	.20								.50											1.80
Jessieville	Ouachita																																....

Daily Precipitation for November, 1945 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Jonesboro [2]	White	....	.02	.07	....	....	.02	.05	....	.51	1.64	.26	.02	.37	.14	....	....	.02	....	.61	....	.31	....	....	....	....	....	.34	....	....	....	4.38
Lake City [2]	St. Francis	....	....	.28	....	....	....	....	....	....	*	1.50	....	.98	....	....	....	....	....	.96	....	.56	....	....	....	....	.25	....	....	....	....	4.53
Lead Hill	White	....	....	....	....	....	....	....	....	....	.25	....	.43	....	....	....	....	.24	....	....	....	.38	....	....	....	....	.24	....	....	....	....	1.54
Little Rock [1]	Arkansas	....	.70	....	....	....	T.	....	.59	.36	1.09	T.	.75	.12	....	....	T.	.02	.27	....	.07	.28	....	....	....	....	.28	....	....	....	....	4.53
Lutherville	Arkansas	....	.20	....	....	....	....	....	....	.21	.50	.10	.74	....	.18	....	....	....	....	1.83	....	.14	....	....	....	....	....	.10	....	....	....	4.00
Madison [2]	St. Francis	....	....	1.35	....	....	....	T.	....	1.48	2.68	.28	....	1.45	.30	....	....	....	.25	2.15	....	.43	....	....	....	....	....	.30	....	....	....	8.67
Magnolia	Red	....	....	....	....	....	....	....	....	1.20	1.75	....	....	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	....	....	....	3.70
Mammoth Spg [2]	White	....	....	....	....	....	....	....	....	.19	....	....	....	.59	.10	....	....	.35	....	....	....	.15	....	....	....	....	....	.45	....	....	....	1.83
Marianna [2]	St. Francis	....	....	1.60	....	....	....	....	....	1.15	3.65	.30	.03	.95	.24	....	....	....	.09	1.40	....	.50	....	....	....	....	....	.74	....	....	....	10.65
Marked Tree [2]	St. Francis	....	....	3.45	....	....	....	.03	....	1.27	1.16	.37	....	.79	.37	....	....	....	....	1.09	....	.41	....	....	....	....	....	.63	....	....	....	9.57
Marshall [2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marvell [2]	White	....	....	.65	....	....	....	....	....	*	1.86	2.22	....	1.17	....	....	....	....	....	1.42	....	.88	....	....	....	....	....	.30	....	....	....	8.50
Melbourne [2]	White	....	.02	....	....	....	.01	....	.45	....	.70	....	.02	*	.36	....	....	.05	....	.30	....	.02	....	....	....	....	....	.54	....	....	....	2.47
Mena [2]	Ouachita	T.	....	....	....	....	T.	T.	T.	.10	.58	.01	....	.58	....	....	....	.05	....	.10	....	.63	....	....	....	....	....	.12	....	....	....	2.17
Monticello [1]	Ouachita	....	....	....	....	....	....	....	.35	1.41	1.14	.03	.02	.34	....	....	....	.06	....	....	.06	.18	....	....	....	....	.25	....	....	....	....	3.84
Morobay [2]	Ouachita	....	....	.18	....	....	T.	....	....	.77	1.41	.44	....	.07	.68	....	....	....	....	.03	....	.53	....	....	....	....	.01	.48	....	....	....	4.60
Morrilton [2]	Arkansas	....	....	T.	....	....	T.	....	....	T.	.78	....	....	.38	.47	....	....	....	....	.47	....	.30	....	....	....	....	....	.28	....	....	....	2.68
Mountainburg	Arkansas	....	....	....	....	....	....	....	.23	T.	.55	T.	.91	....	....	....	....	....	....	.48	....	.14	....	....	....	....	....	....	....	....	....	2.31
Mountain Home	White	....	....	....	....	....	....	.20	....	.40	....	.38	....	....	....	....	....	.30	....	....	....	....	....	....	....	....	.30	....	....	....	....	1.58
Mountain Valley	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mountain View [2]	White	....	....	....	....	....	....	....	....	.72	....	.80	....	.52	....	....	....	.29	....	.30	....	....	....	....	....	....	....	.45	....	....	....	3.08
Mount Ida	Ouachita	....	....	....	....	....	....	....	.07	.18	.82	....	.13	....	....	....	....	.17	.06	....	....	.21	....	....	....	....	....	.50	....	....	....	2.14
Mulberry [2]	Arkansas	....	....	....	....	....	....	....	....	....	.50	....	....	.45	....	....	....	....	....	.20	....	T.	....	....	....	....	....	.45	....	....	....	1.60
Nashville	Red	....	T.	....	....	....	....	....	.07	....	*	1.73	1.38	....	....	....	....	....	T.	....	T.	....	.15	....	....	....	....	.12	....	....	....	3.45
Newhope [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Newport [2]	White	.01	.03	.10	....	....	.01	.05	....	.35	1.22	.27	.05	.75	.35	....	....	.03	....	1.05	....	.20	....	....	....	....	....	.47	....	....	....	4.94
Nimrod Dam [2]	Arkansas	....	....	.45	....	....	....	....	....	.06	.77	T.	.06	.15	.44	....	....	.13	....	.61	....	.52	....	....	....	....	....	.18	....	....	....	3.67
Odell [2]	Arkansas	....	....	....	....	....	....	....	....	....	.61	....	.08	.33	....	....	....	....	....	.52	....	.15	....	....	....	....	....	....	....	....	....	1.69
Oden	Ouachita	....	....	....	....	....	....	....	T.	*	.80	....	.60	T.	....	....	T.	....	*	.15	*	.35	....	....	....	....	T.	.55	....	....	....	2.45
Okay	Red	....	....	....	....	....	....	....	.08	.03	1.80	.02	.18	.78	....	....	....	....	.01	....	....	.38	....	....	....	....	T.	....	....	....	....	3.28
Osceola [2]	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ozark [2]	Arkansas	....	....	....	....	....	....	....	....	.22	.44	T.	....	.42	.18	....	....	....	....	.63	....	....	....	....	....	....	....	.25	....	....	....	2.14
Paragould	St. Francis	T.	.06	....	....	....	.04	....	.03	....	2.23	....	.02	.36	.11	....	....	.12	....	.62	....	.23	....	....	....	....	....	.49	....	....	.01	4 32
Parkin [2]	St. Francis	....	....	2.80	....	....	....	....	....	1.70	1.70	.55	....	.66	.35	....	....	.12	T.	2.73	....	.35	....	....	....	....	....	.51	....	....	....	11.47
Perryville [2]	Arkansas	....	....	.10	....	....	....	....	....	....	.02	T.	.01	.09	.82	....	....	.03	....	.70	.15	.27	....	....	....	....	....	.37	....	....	....	2.56
Pine Bluff [2]	Arkansas	....	T.	.12	....	....	.01	....	....	2.55	2.86	.17	T.	.82	....	....	....	....	T.	.67	....	.97	....	....	....	....	....	.31	....	....	....	8.48
Pine Ridge [2]	Ouachita	....	....	....	....	....	....	....	....	.03	.74	T.	T.	.98	....	....	....	....	....	.23	....	....	....	....	....	....	....	.82	....	....	....	2.80
Pocahontas	White	....	....	T.	....	....	.01	.04	....	.25	.94	.02	.06	.55	.03	....	....	.01	....	.35	....	.25	....	....	....	....	....	.60	....	....	....	3.11
Portland [2]	Ouachita	....	....	.30	....	....	....	....	....	.25	.40	.50	....	....	.25	....	....	....	.72	.08	....	.32	....	....	....	....	T.	.35	....	....	....	3.17
Prescott [2]	Ouachita	....	....	.04	T.	....	....	....	....	.08	2.00	.04	T.	.46	.03	....	....	....	T.	.10	....	.35	....	....	....	....	....	.10	....	....	....	3.20
Ratcliff [2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Star	White	....	....	....	....	....	....	....	.14	.16	.41	....	.54	....	.08	....	....	....	....	....	.32	.06	....	....	....	....	....	.29	....	....	....	2.00
Rogers	White	....	T.	....	....	....	....	....	T.	T.	.03	T.	.16	....	....	....	....	.02	....	.11	....	.06	....	....	....	....	....	....	....	....	....	0.38
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Russellville	Arkansas	....	....	.23	....	....	T.	....	T.	....	.65	T.	.03	.20	.10	....	....	....	....	1.00	....	....	....	....	....	....	....	.22	....	....	....	2.43
St. Charles	White	....	....	.15	....	....	T.	....	....	1.06	2.31	.03	....	.73	.02	....	....	....	1.43	.09	....	1.03	....	....	....	....	....	.10	....	....	....	6.95
St. Francis [2]	St. Francis	....	T.	....	....	....	....	....	....	1.95	1.10	.10	....	.65	....	....	....	....	....	.05	....	.15	....	....	....	....	....	.85	....	....	....	4.85
Searcy [2]	White	....	....	.98	....	....	.02	....	....	.19	1.12	.25	.06	.84	.92	....	....	.03	....	.55	....	.25	....	....	....	....	....	.36	....	....	....	5.57
Sheridan	Ouachita	....	.02	.07	....	....	1.04	....	.07	.69	1.90	.07	....	.86	....	....	....	.15	.09	.07	....	.82	....	....	....	....	....	.53	....	....	....	6.38
Shirley [2]	White	....	....	....	....	....	....	....	....	....	1.00	....	35	....	.30	....	....	....	1.15	....	....	.17	....	....	....	....	....	.45	....	....	....	3.42
Siloam Springs	White	....	....	....	....	....	....	....	....	T.	....	T.	.26	....	....	....	....	.01	....	.11	....	.03	....	....	....	....	....	....	....	....	....	0.41
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	....	....	T.	....	....	....	....	.04	2.79	3.36	.10	T.	.51	....	....	....	.01	.01	....	....	.51	....	....	....	....	.04	.51	....	....	....	7.88
Stephens [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve [2]	Arkansas	....	....	.43	....	....	....	....	....	....	.01	....	....	.68	....	....	....	....	....	....	....	....	....	....	....	....	....	1.05	....	....	....	2.17
Story [2]	Ouachita	....	....	.14	....	....	....	....	....	.11	1.24	....	....	....	....	....	.22	....	.21	....	.42	....	....	....	....	....	....	.30	....	....	....	2.64
Stuttgart [2]	Arkansas	....	....	.66	....	....	T.	....	....	2.00	3.11	.30	....	1.00	....	....	....	....	....	.59	....	.85	....	....	....	....	....	T.	....	....	....	8 51
Stuttgart Evap	Arkansas	....	....	.53	....	....	T.	....	....	1.42	3.00	.30	.02	.82	.17	....	....	....	....	.68	....	.59	T.	....	....	....	....	.49	....	....	....	8.02
Subiaco [2]	Arkansas	....	T.	....	....	....	....	....	....	.05	.49	....	....	.55	....	....	....	....	....	1.32	....	....	....	....	....	....	....	.13	....	....	....	2.54
Sugar Grove [2]	Arkansas	....	....	.10	....	....	....	....	....	....	.20	.22	....	.50	....	....	....	T.	....	.27	....	.05	....	....	....	....	....	.40	....	....	....	1.74
Texarkana [3]	Red	....	T.	....	....	....	....	....	.05	1.40	1.09	.01	.12	.11	....	....	....	....	01	.02	.20	.41	....	....	....	....	.22	....	....	....	....	3.64
Tichnor [2]	White	....	....	....	....	....	....	....	.90	2.00	....	....	....	.68	....	....	....	....	....	.20	....	.78	....	....	....	....	....	....	....	....	....	4.56
Turnpike	Arkansas	....	....	....	....	....	....	....	.08	....	.58	.06	.86	.04	.42	....	....	....	....	1.08	....	.41	....	....	....	....	....	.52	....	....	....	4.05
Viola [2]	White	....	....	....	....	....	.07	....	....	.11	.58	.03	.01	.46	.10	....	....	.47	....	.07	....	.21	....	....	....	....	....	.47	....	....	....	2.58
Waldron [2]	Arkansas	....	....	....	....	....	....	....	....	....	.35	....	....	.10	....	....	....	....	....	....	....	.23	....	....	....	....	....	.10	....	....	....	0.78
Walnut Grove	White	....	.04	....	....	....	....	....	T.	.75	1.22	....	.20	.36	.16	....	....	....	....	.49	....	.30	....	....	....	....	....	.58	....	....	....	4.10
Warren	Ouachita	....	....	.05	....	....	T.	....	T.	1.63	1.73	.05	T.	.02	....	....	....	....	T.	T.	....	.30	....	....	....	....	T.	.40	....	....	....	4.18
Whitecliffs [2]	Red	....	....	....	....	....	....	....	....	.09	2 00	T.	T.	.68	....	....	....	....	T.	....	....	....	....	....	....	....	T.	....	....	....	....	2.70
White Rock	Arkansas	....	....	....	....	....	....	....	.52	....	.52	.03	.98	....	.18	....	....	....	....	.66	....	.15	....	....	....	....	*	.18	....	....	....	3.22
Wilson [2]	Mississippi	....	....	*	1.90	....	....	....	....	*	*	3.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5.10
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for November, 1945

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mthly
Bethesda	Evap.	.070	.076	.282	.120	.100	.140	.048	.168	.096	.031	.077	.068	.086	.226	.030	.134	.058	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	71	72	50	45	62	63	68	68	44	42	50	59	61	50	43	52	67	58	48	46	42	34	34	42	48	40	52	41	40	38	51.0
	Wind move	79	80	47	33	52	111	96	115	101	49	61	52	56	54	38	94	75	90	94	65	102	142	176	105	40	104	62	102	69	44	2, 388
Hope, Exp. Farm	Evap.	.043	.116	.032	.240	.119	.095	.100	.097	.050	.238	-004	-022	.056	.094	.123	.097	.095	.115	.078	.128	-008	.222	.092	.107	.079	.042	.058	.105	.087	.055	2.709
	Mean tem.	72	76	56	52	66	64	70	72	52	44	52	60	70	53	52	53	62	64	56	54	48	41	40	44	49	58	53	56	56	46	55.8
	Wind move	34	54	50	43	36	23	81	56	40	84	56	12	39	17	33	13	58	33	39	25	47	52	68	50	27	25	40	35	18	14	1, 202
Nimrod Dam	Evap.	.072	.126	.142	.100	.156	.104	.090	.096	.134	.056	.002	.040	.044	.122	.190	.116	.092	.142	.136	.104	.174	.116	.184	.034	.158	.070	.024	.135	.063	.063	3.085
	Mean tem.	71	74	52	50	60	68	70	71	59	45	58	58	62	54	50	52	64	59	55	50	42	38	40	44	42	45	51	50	44	42	54.0
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Russellville	Evap.	.078	.060	.158	.048	.086	.034	.062	.040	.116	.040	-002	.018	.054	.132	.072	.042	.070	.128	.130	.068	.046	.096	.090	.062	.030	.052	.076	.062	.058	.050	2.056
	Mean tem.	71	70	51	50	60	68	72	72	48	42	41	60	60	50	48	48	65	64	53	49	49	37	40	43	50	50	50	48	45	38	53.3
	Wind move	35	3	23	7	14	34	17	47	34	18	19	24	11	28	14	20	35	18	19	15	75	54	74	14	5	20	29	12	13	14	745
Stuttgart, Rice Exp. Farm	Evap.	.004	.078	.115	.063	.176	.033	.096	.120	.087	-005	.027	.007	.094	.152	.087	.039	.011	.042	.001	.092	.072	.103	.090	.040	.015	.062	.002	.071	.066	.024	1.864
	Mean Tem	70	70	54	48	54	66	68	70	48	44	52	60	65	54	48	52	58	58	58	52	50	40	37	42	48	48	48	48	44	41	52.3
	Wind move	100	75	100	110	110	95	155	140	150	110	40	65	65	35	30	35	140	45	40	30	70	45	155	71	34	45	55	20	30	10	2, 205

Daily Temperatures for November, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Alum Fork	Maximum	80	78	69	67	72	75	73	71	70	48	50	72	76	67	63	63	78	75	64	65	60	49	47	59	70	63	67	64	56	51	65.4
	Minimum	53	66	44	34	46	59	65	63	42	36	39	46	51	44	34	37	58	45	46	34	39	24	28	25	35	38	40	37	33	29	42.3
Arkadelphia /	Maximum	85	84	64	70	76	78	80	75	55	47	57	75	79	66	67	71	80	77	67	69	52	56	55	64	71	68	67	71	59	58	68.1
	Minimum	60	68	51	34	39	39	63	60	46	39	42	42	55	42	32	32	39	54	53	39	39	28	22	22	25	36	42	34	34	32	41.4
Ashdown	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Batesville Air	Maximum	80	81	60	67	73	72	73	75	51	45	49	75	72	62	59	61	75	70	62	63	56	48	44	61	62	59	65	55	55	45	62.5
	Minimum	66	55	42	32	48	58	64	47	40	39	41	49	50	43	30	41	44	38	38	33	31	24	23	21	33	30	38	35	29	26	39.6
Batesville, Livestk	Maximum	78	79	60	65	71	73	73	74	51	61	68	74	74	62	60	81	80	72	60	62	46	47	44	61	67	56	65	54	52	55	64.2
	Minimum	60	43	39	31	50	53	62	64	39	39	42	41	49	41	31	36	41	40	43	39	40	24	26	20	34	30	38	37	27	25	39.5
Bee Branch	Maximum	79	83	68	65	72	71	72	70	68	48	46	73	75	77	60	61	75	73	63	62	56	47	46	60	68	58	62	62	57	44	64.0
	Minimum	58	61	39	28	36	51	61	62	39	38	40	45	46	40	30	38	56	48	42	31	42	26	23	26	30	34	35	31	29	24	39.7
Benton /	Maximum	83	81	61	68	75	71	76	72	53	44	60	75	77	63	65	68	70	80	65	66	51	53	50	60	70	62	67	66	56	46	65.2
	Minimum	47	67	45	29	30	40	60	62	44	37	41	41	51	42	29	32	40	41	40	29	30	21	23	18	19	28	33	28	27	25	36.6
Bentonville /	Maximum	82	74	52	69	74	80	75	77	53	47	72	69	65	62	66	63	72	71	59	69	43	41	45	63	60	63	60	59	59	63	63.6
	Minimum	58	57	33	30	34	51	61	63	28	30	38	39	41	33	29	32	49	41	32	30	29	20	24	21	27	32	31	29	27	29	35.9
Bethesda /	Maximum	78	82	60	65	73	72	75	73	52	48	61	74	73	62	60	65	80	76	59	61	45	45	44	61	62	51	65	54	52	43	62.4
	Minimum	64	61	39	25	50	54	61	62	36	37	39	44	49	39	26	38	54	40	38	31	38	24	25	22	34	30	39	38	27	25	39.6
Bluff City	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Blytheville	Maximum	76	72	69	63	72	75	76	77	79	68	60	76	68	60	55	61	71	..	..	59	56	49	44	52	55	66	61	53	45	..	63.6
	Minimum	60	52	42	32	45	55	63	54	41	39	42	53	52	37	30	45	43	..	..	31	37	25	26	24	31	29	42	36	31	..	40.7
Booneville	Maximum	85	77	73	72	75	80	75	78	65	48	56	74	76	69	68	70	77	76	65	66	62	48	49	67	71	63	67	69	59	53	67.8
	Minimum	65	62	44	32	55	67	68	65	43	40	43	49	43	36	31	45	60	39	38	34	37	22	24	21	31	45	33	29	35	33	42.3
Brinkley	Maximum	80	77	59	64	73	77	76	78	70	45	54	76	69	63	60	64	75	65	63	64	59	51	46	58	65	66	65	59	52	51	64.1
	Minimum	64	56	37	31	43	56	64	50	41	40	44	53	52	39	38	41	50	48	44	39	34	26	25	25	35	36	38	33	33	29	41.5
Camden	Maximum	83	83	75	77	75	81	80	79	73	48	53	77	79	69	70	72	80	78	76	71	63	55	54	63	73	78	76	73	73	60	71.6
	Minimum	60	62	47	33	33	59	62	62	45	40	43	52	62	44	33	36	60	51	50	34	46	28	26	24	34	46	40	33	31	27	43.4
Camp Robinson	Maximum	81	78	60	67	74	76	76	73	57	51	51	77	73	61	60	65	78	68	63	64	59	51	49	59	69	62	67	62	55	59	64.8
	Minimum	64	58	41	38	46	59	64	55	44	43	38	38	39	38	35	36	49	46	44	34	35	26	26	23	34	34	35	35	31	34	40.7
Conway	Maximum	82	81	68	70	76	75	74	75	67	49	50	77	74	67	64	64	81	72	66	67	60	52	55	65	70	57	69	68	57	45	66.6
	Minimum	61	66	44	33	44	44	65	65	45	40	43	49	57	42	33	45	58	42	44	35	45	27	27	23	33	38	37	32	30	29	42.5
Corning	Maximum	76	77	68	64	72	71	72	75	72	47	47	77	72	62	57	60	78	70	65	60	55	45	40	58	58	60	62	57	49	52	62.6
	Minimum	62	63	38	27	46	54	65	65	39	39	41	49	51	42	29	37	54	38	46	30	40	23	25	21	31	26	38	33	28	27	40.2
Crossett	Maximum	81	82	76	65	74	80	80	80	70	51	56	79	72	67	67	69	79	78	72	66	66	56	56	62	73	77	71	69	60	58	69.7
	Minimum	62	66	52	33	39	57	60	61	50	45	45	53	61	48	31	33	55	55	57	38	49	25	23	21	36	51	41	34	31	28	44.7
Cummins Farm	Maximum	81	78	75	67	74	79	78	79	75	55	53	78	70	67	63	66	76	77	69	67	64	53	50	61	69	69	68	63	68	53	68.2
	Minimum	64	69	50	34	40	66	63	62	47	42	44	52	63	48	35	37	47	52	54	40	45	34	27	27	37	46	41	34	47	32	46.0
Dardanelle	Maximum	83	80	75	71	75	78	76	74	72	53	51	71	74	69	65	64	78	72	68	68	65	50	51	64	68	64	67	67	65	54	67.7
	Minimum	62	65	45	32	47	63	68	69	43	40	43	49	48	42	32	42	60	43	44	35	41	26	28	23	31	41	38	31	31	33	43.2
De Queen	Maximum	83	80	73	68	75	81	77	79	60	52	52	73	75	68	67	70	78	72	65	63	58	55	54	65	70	67	68	72	59	56	67.8
	Minimum	62	64	49	32	40	62	63	62	49	41	42	49	50	37	31	41	52	47	45	37	38	22	24	21	33	41	32	31	36	36	42.3
Des Arc	Maximum	82	77	75	75	72	77	75	75	68	48	58	76	72	62	..	..	..	..	..	..	..	52	54	60	67	64	65	65	55	60	66.7
	Minimum	64	68	44	36	33	57	63	62	42	39	39	39	49	34	34	36	46	46	48	37	50	26	26	25	36	36	41	33	29	30	41.6
Devils Knob	Maximum	74	70	64	60	66	71	66	67	51	42	41	61	62	62	53	55	70	70	60	56	52	39	40	55	61	53	57	56	55	48	58.0
	Minimum	60	60	35	36	49	56	61	50	40	30	37	42	48	36	42	44	51	48	37	37	29	24	20	30	43	41	40	40	32	32	41.0
Dumas	Maximum	83	81	74	68	76	80	80	82	73	50	55	80	70	67	65	69	70	79	70	70	65	56	54	63	72	72	70	67	56	50	68.9
	Minimum	63	65	50	34	42	56	61	64	48	42	45	53	64	46	35	36	37	55	48	37	42	28	28	26	35	44	45	37	32	29	44.2
El Dorado	Maximum	83	82	63	66	74	80	77	73	56	47	55	74	70	63	65	69	77	76	68	63	53	54	51	62	72	78	68	69	57	59	66.8
	Minimum	60	59	48	47	60	58	57	56	46	38	47	63	58	53	47	46	58	57	45	43	36	34	33	37	39	52	41	36	35	32	47.4
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	79	73	59	66	72	78	75	73	51	55	63	68	62	59	65	62	70	71	66	62	57	41	42	60	56	62	59	67	55	58	62.9
	Minimum	65	55	33	37	55	61	65	46	30	36	38	51	43	34	35	48	56	43	34	37	29	23	22	32	36	35	38	31	29	31	40.4
Fayetteville	Maximum	81	75	57	66	72	78	75	77	54	46	54	68	70	60	62	64	71	72	64	64	58	40	45	62	61	61	58	58	61	61	63.2
	Minimum	65	55	34	31	51	61	64	45	31	37	41	52	41	33	30	49	55	35	34	31	30	25	23	26	35	36	35	31	29	31	39.2
Fayetteville Exp. S	Maximum	80	75	62	65	72	79	75	77	54	47	54	68	69	62	63	65	70	73	64	62	58	41	43	62	61	61	59	59	60	60	63.3
	Minimum	64	53	33	29	51	60	63	51	30	35	38	49	42	30	29	47	53	33	31	29	28	22	20	24	30	31	32	31	27	29	37.5
Fordyce	Maximum	83	79	76	67	74	78	77	77	70	47	53	76	73	68	67	67	75	74	70	64	64	58	53	61	70	71	70	70	58	52	68.1
	Minimum	65	69	50	37	46	59	64	62	44	42	44	50	64	45	39	40	59	55	50	40	35	28	27	30	41	48	41	41	35	33	46.1
Fort Smith	Maximum	82	76	59	71	76	82	76	78	52	50	53	74	73	63	68	71	74	75	64	66	58	47	49	64	67	57	64	66	57	51	65.5
	Minimum	64	54	41	34	45	63	69	47	40	42	44	53	44	38	33	44	44	41	40	37	31	27	25	23	32	43	36	32	34	47	41.4
Gilbert	Maximum	82	75	58	69	73	75	77	75	49	45	63	70	71	61	63	64	72	77	62	63	40	44	47	63	63	58	64	60	57	50	63.2
	Minimum	49	54	34	24	26	54	65	66	32	32	39	41	40	31	26	29	46	29	29	22	23	18	19	14	15	22	29	22	20	27	32.3
Grannis	Maximum	82	80	71	69	75	79	79	75	71	49	50	70	76	66	67	65	77	71	68	60	58	53	53	65	70	62	77	73	60	54	67.6
	Minimum	61	64	47	36	40	58	62	63	44	39	40	43	45	40	34	39	59	51	42	37	36	23	24	25	36	46	39	41	35	36	42.8
Gravette	Maximum	73	65	48	63	65	70	68	58	48	45	53	59	65	48	55	62	55	60	54	58	35	32	33	52	49	57	40	48	54	53	54.3
	Minimum	65	48	30	29	52	60	58	44	29	44	40	51	41	30	30	48	52	36	30	33	28	19	19	21	30	39	30	26	30	30	37.5
Green Mountain	Maximum	79	78	67	66	78	75	78	79	59	46	49	58	60	55	57	50	79	78	64	60	54	45	46	61	56	54	61	66	60	50	62.3
	Minimum	65	60	38	35	59	60	59	59	33	34	37	42	45	39	37	39	48	50	39	36	34	26	23	30	40	34	40	38	30	30	41.3
Harrison	Maximum	82	72	60	70	73	77	75	70	54	44	60	67	68	58	64	63	73	75	59	63	57	42	43	63	60	57	61	57	55	56	62.4
	Minimum	66	54	35	29	53	60	67	52	30	37	40	46	38	34	28	47	49	33	37	28	32	25	25	22	36	28	38	34	24	20	38.4
Helena	Maximum	77	76	73	60	71	79	75	79	74	48	54	77	72	64	60	63	74	68	65	65	61	50	45	56	65	69	65	57	50	50	64.7
	Minimum	63	67	46	31	43	54	61	63	46	40	43	52	62	46	37	38	56	54	52	39	42	25	27	25	38	42	41	36	30	30	39.2
Hope	Maximum	85	83	65	68	76	81	79	79	55	48	61	76	78	63	69	72	78	78	66	66	52	54	53	63	73	75	68	75	55	58	68 4
	Minimum	60	69	51	36	47	48	61	65	49	40	43	44	61	43	35	34	46	51	46	38	40	28	28	25	25	40	38	37	37	33	43.3
Hot Springs	Maximum	82	79	75	67	75	76	76	72	70	56	50	71	78	69	66	65	78	72	67	66	61	51	52	60	70	61	65	69	60	56	67.2
	Minimum	62	68	46	40	50	59	65	64	44	37	40	48	51	43	38	41	59	50	46	41	39	30	28	31	47	43	42	42	35	30	45.3
Jonesboro	Maximum	77	74	62	62	72	72	73	75	69	45	49	77	70	62	56	60	76	67	62	62	54	46	40	55	57	62	63	55	45	50	61.6
	Minimum	59	61	42	32	48	54	63	63	41	39	41	48	54	44	34	36	54	46	47	32	39	27	26	27	38	32	42	38	32	29	42.3
Lead Hill	Maximum	85	82	60	71	75	78	78	75	55	46	66	70	68	60	65	64	75	69	61	65	59	43	45	65	60	55	62	55	54	49	63.8
	Minimum	42	62	33	25	40	57	36	49	30	38	42	47	38	30	27	42	45	31	36	26	35	19	25	17	24	24	29	24	21	22	34.9
Little Rock	Maximum	81	79	59	67	73	76	76	73	55	45	51	75	70	62	60	65	78	65	64	64	58	51	49	59	67	62	66	62	53	41	63.5
	Minimum	66	59	45	36	47	62	65	55	41	39	43	51	54	43	39	41	54	50	45	39	38	30	28	27	37	39	45	37	37	32	44.1
Lutherville	Maximum	80	75	71	65	73	77	72	71	69	64	72	68	72	74	80	61	73	73	64	61	57	53	48	50	66	65	61	65	59	55	66.5
	Minimum	63	57	40	34	43	61	67	65	38	37	41	45	45	41	33	40	55	43	40	36	37	24	23	25	37	41	38	35	31	29	41.5
Magnolia	Maximum	78	83	76	68	77	82	79	74	58	50	55	77	75	68	67	72	80	78	69	68	54	55	53	63	74	77	74	72	60	62	69.3
	Minimum	67	70	52	34	48	62	62	45	41	41	44	52	65	46	35	40	55	59	50	43	45	27	27	28	43	55	42	37	38	36	46.3
Mammoth Spring	Maximum	80	76	71	63	74	70	78	72	70	44	52	76	70	66	56	58	75	67	63	62	55	43	40	63	58	56	60	55	52	45	62.3
	Minimum	62	57	39	26	38	55	64	50	37	40	44	46	43	40	27	32	55	33	43	29	38	21	21	16	25	24	32	25	23	24	37.0
Marianna /	Maximum	74	82	63	71	78	76	78	66	49	62	77	68	60	60	63	75	68	62	64	60	50	44	57	65	69	65	57	51	50	55	64.0
	Minimum	66	44	45	31	44	46	46	63	43	41	43	48	61	46	36	38	41	50	53	88	41	27	27	25	30	40	41	34	31	30	41.6
Marked Tree /	Maximum	77	73	58	63	73	75	75	78	48	45	58	76	67	60	56	62	74	65	61	61	57	47	39	56	60	66	64	50	47	50	61 4
	Minimum	55	63	43	31	32	47	56	63	43	39	40	42	56	46	34	35	40	42	43	35	35	26	27	23	22	30	31	37	30	30	39.2
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mena	Maximum	72	79	68	69	74	78	72	74	64	45	57	69	78	63	68	64	78	67	65	62	58	50	50	62	72	65	67	72	62	58	66.1
	Minimum	66	66	43	34	47	61	64	64	41	37	40	45	43	42	33	48	52	43	42	35	34	24	25	26	40	44	35	37	35	31	42.6
Monticello	Maximum	81	88	81	81	74	79	77	77	69	48	55	76	70	61	62	67	76	77	67	65	65	52	45	57	65	68	69	64	58	53	67.6
	Minimum	66	62	40	34	46	58	62	61	41	43	45	52	59	39	36	47	60	60	54	42	36	27	26	28	43	44	44	37	37	33	45.4
Morrilton /	Maximum	81	78	60	69	75	73	73	73	52	47	66	73	73	63	64	64	73	72	64	65	48	48	50	62	74	55	65	64	55	42	64.0
	Minimum		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mountain Home	Maximum	83	77	67	68	75	74	78	73	53	51	51	71	70	63	63	63	77	70	63	64	58	45	43	65	61	55	62	55	54	42	63.1
	Minimum	65	56	36	27	45	59	65	49	33	38	41	46	39	34	31	43	55	36	39	30	34	22	25	18	30	28	32	36	23	27	38.1
Mt. Ida	Maximum	83	81	72	68	74	79	76	74	72	58	52	72	77	65	78	72	80	71	68	66	59	52	52	64	73	64	66	70	71	54	68.8
	Minimum	52	62	40	28	45	52	67	67	40	38	42	48	40	31	28	26	42	36	42	26	39	19	23	16	26	38	31	27	25	23	37.4
Nashville	Maximum	85	83	74	69	76	83	79	79	57	49	52	75	78	72	68	71	79	78	71	65	64	55	53	65	72	73	68	72	59	55	69.3
	Minimum	58	68	48	34	39	62	64	66	45	40	34	50	54	39	34	38	57	49	42	38	40	26	26	23	33	45	35	33	37	33	43.3

Daily Temperatures for November, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Newport	Maximum	82	76	61	67	75	74	76	77	68	47	49	78	72	64	60	62	80	70	63	64	56	49	43	60	60	62	66	56	52	46	63.8
	Minimum	64	69	42	30	47	58	66	64	45	41	43	48	54	45	33	40	56	40	45	33	51	25	27	23	32	31	38	34	30	29	42.8
Nimrod Dam....../	Maximum	83	82	61	69	75	80	74	74	74	48	65	73	77	65	67	67	78	78	65	68	48	50	51	64	59	55	66	67	59	53	66.5
	Minimum	59	65	43	32	45	55	65	68	44	45	42	43	48	42	32	37	51	40	45	32	37	26	30	23	26	35	38	34	30	30	41.4
Oden	Maximum	83	81	67	71	74	79	73	75	67	46	55	70	80	65	69	67	80	67	69	66	58	51	52	64	74	68	70	72	62	58	67.8
	Minimum	69	67	46	33	51	65	67	67	46	40	42	50	46	43	31	45	61	40	45	32	38	24	29	23	38	41	39	32	33	28	43.7
Okay	Maximum	86	85	67	77	76	83	81	81	56	52	64	75	77	68	69	72	76	80	76	76	64	57	56	65	73	72	77	77	69	70	71.9
	Minimum	64	69	47	32	36	62	62	66	49	40	43	49	48	39	32	42	44	49	48	36	42	25	22	21	33	35	35	31	35	32	42.3
Ozark	Maximum	82	77	71	70	70	80	77	78	62	52	50	72	73	67	64	66	74	73	67	64	61	54	50	64	66	65	67	68	57	49	66.3
	Minimum	61	62	41	32	42	58	62	61	40	41	44	47	42	38	33	42	55	41	40	35	42	23	26	23	30	40	34	32	32	35	41.1
Paragould	Maximum	76	74	65	58	70	71	72	75	69	47	50	70	70	63	54	58	74	73	66	57	55	44	41	53	54	60	60	55	48	48	61.0
	Minimum	60	64	42	30	45	56	64	64	42	40	42	49	57	45	34	36	54	42	49	31	42	26	26	22	31	30	41	38	32	28	42.1
Perryville	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	59	57	60	72	60	55	40	65	43	40	41	48	45	44	30	36	60	48	42	30	29	29	28	28	29	34	39	29	28	28	42.5
Pine Bluff	Maximum	83	84	68	68	74	79	77	76	68	45	57	77	74	67	64	67	74	73	69	71	61	57	51	51	71	65	69	68	56	48	67.1
	Minimum	65	68	50	37	45	60	64	65	45	42	45	51	64	47	38	43	60	53	53	40	42	29	29	28	45	45	43	38	38	34	46.9
Pocahontas	Maximum	76	77	67	64	72	71	72	74	72	47	47	76	72	61	66	59	78	71	63	60	55	45	40	59	59	58	62	56	51	48	62.6
	Minimum	62	63	40	28	44	53	64	63	40	39	41	46	50	41	31	35	51	42	45	30	40	24	26	19	28	29	38	34	30	28	40.1
Portland	Maximum	80	82	77	65	74	80	78	80	74	50	55	78	72	65	65	68	80	78	70	69	65	55	54	60	70	75	70	68	56	55	68.9
	Minimum	63	67	50	35	41	52	60	63	50	45	46	54	63	48	36	36	54	69	58	40	42	29	27	26	40	54	45	38	36	32	46.6
Prescott	Maximum	83	82	79	67	76	81	82	76	73	50	53	74	77	66	69	71	77	77	74	66	64	55	54	61	71	73	69	71	65	55	69.7
	Minimum	62	69	50	36	49	62	66	66	47	40	43	50	62	45	36	40	63	55	50	38	45	29	27	27	38	48	41	37	38	33	46.4
Rogers	Maximum	82	75	56	68	73	80	75	74	54	43	58	69	65	60	65	65	72	73	61	62	59	40	45	62	61	62	59	58	60	65	63.4
	Minimum	65	50	32	30	51	60	63	46	30	38	39	52	39	30	30	46	52	36	30	32	29	20	16	27	32	36	34	30	30	31	37.9
Russellville	Maximum	81	79	56	70	74	78	74	74	54	51	49	71	74	60	65	62	76	72	66	66	48	49	51	64	69	63	65	66	60	46	64.4
	Minimum	59	63	46	31	46	59	69	69	43	40	43	49	45	41	32	36	60	55	40	32	41	25	28	22	31	37	36	30	30	29	42.2
St. Charles	Maximum	81	78	75	65	74	80	78	79	77	52	53	79	71	68	62	65	77	74	72	68	62	53	50	60	68	68	69	65	56	55	67.8
	Minimum	62	66	45	32	43	54	62	61	44	39	42	50	60	44	34	39	56	49	53	38	45	25	25	24	38	40	41	35	31	28	43.5
Searcy	Maximum	83	74	70	69	77	73	75	75	70	50	50	79	75	64	65	66	79	65	64	68	63	52	49	63	69	59	68	62	55	46	65.9
	Minimum	63	67	44	32	40	55	65	61	44	39	41	48	56	44	33	37	56	45	47	34	41	25	27	22	31	35	39	33	31	28	42.1
Sheridan	Maximum	80	80	75	68	75	78	77	73	69	47	52	76	76	66	66	68	78	71	65	68	61	53	50	60	70	63	68	67	57	50	66.9
	Minimum	63	67	47	31	40	58	63	62	43	38	45	47	59	44	33	38	56	45	46	35	41	30	24	22	31	40	37	35	29	29	42.6
Siloam Springs	Maximum	81	74	61	68	71	81	76	77	64	48	52	68	68	60	63	67	70	74	65	62	59	41	45	62	61	61	58	59	62	59	63.9
	Minimum	64	50	32	30	51	61	63	64	29	37	40	50	39	31	31	49	51	37	34	35	30	22	20	26	28	39	31	27	32	31	38.8
Stuttgart	Maximum	82	77	72	65	74	78	77	79	69	46	54	77	71	67	62	63	77	67	65	67	60	54	49	60	67	66	67	63	54	50	66.0
	Minimum	64	49	42	35	44	56	62	62	44	41	41	42	60	45	38	39	56	52	53	39	44	29	29	28	38	42	41	36	33	32	43.9
Stuttgart Evap	Maximum	81	76	61	64	72	77	76	78	50	46	61	75	69	61	60	63	76	66	63	65	59	52	48	58	66	66	65	62	54	50	64.0
	Minimum	58	65	48	34	36	46	60	63	45	41	44	45	61	46	37	41	41	51	54	40	42	28	26	26	29	39	40	34	34	32	42.9
Subiaco	Maximum	81	74	68	68	72	76	74	76	61	49	52	71	76	63	65	64	72	72	60	64	61	46	47	62	65	57	60	63	57	50	64.2
	Minimum	62	64	43	34	48	63	68	60	41	38	41	46	48	41	39	47	60	45	41	39	36	26	25	24	33	40	41	41	33	31	43.3
Texarkana	Maximum	84	83	65	67	76	81	79	80	59	49	57	75	78	64	66	70	79	79	67	65	64	54	53	67	72	75	68	72	60	58	68.9
	Minimum	68	64	43	39	51	64	64	59	44	41	45	56	56	42	39	47	58	57	46	43	35	29	29	27	42	50	40	40	39	39	46.5
Turnpike	Maximum	73	70	53	60	68	71	70	64	52	39	44	61	61	59	57	57	64	71	62	39	60	39	43	56	62	52	58	57	57	50	57.6
	Minimum	58	50	33	35	45	47	53	49	28	30	34	38	45	34	39	39	41	46	33	30	27	23	19	29	42	38	29	39	29	28	37.0
Waldron	Maximum	82	78	..	..	..	..	73	77	65	48	58	74	78	67	67	67	77	73	66	69	60	49	47	64	69	64	69	67	60	57	66.3
	Minimum	65	61	43	30	43	65	67	63	43	38	41	50	41	35	28	43	60	35	43	28	35	20	28	18	28	34	30	27	27	26	39.8
Warren	Maximum	86	86	86	72	73	79	77	77	76	56	54	77	74	65	65	69	78	76	74	70	66	54	56	62	71	74	71	68	64	56	70.4
	Minimum	66	69	69	35	47	61	63	63	48	43	45	46	65	48	50	38	65	55	56	63	46	43	28	26	43	51	44	38	36	31	49.4
White Rock	Maximum	74	71	64	62	67	74	66	67	53	45	47	61	68	58	58	55	72	69	60	56	53	43	43	60	64	52	60	61	54	50	59.6
	Minimum	59	59	35	34	46	55	59	44	31	32	36	42	49	38	40	40	51	49	39	38	27	22	20	28	43	42	40	40	36	35	40.3
Wilson	Maximum	78	76	65	60	70	76	76	79	53	50	65	77	69	63	58	62	71	69	67	64	58	57	58	54	58	62	62	64	49	68	64.6
	Minimum	53	50	40	34	42	53	60	63	45	37	49	49	59	47	29	32	52	43	45	31	38	24	24	21	25	38	36	27	31	26	40.1
Wynne........./	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily River Stages for November, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	7.4	7.4	7.2	7.1	7.0	6.5	6.4	6.0	5.8	5.6	5.6	5.5	5.5	5.6	5.3	5.4	5.5	5.2	5.4	5.4	5.3	5.0	5.0	4.8	5.2	4.7	4.9	4.7	4.5	4.7
Van Buren	do	22	7.2	7.3	7.2	7.1	7.0	6.9	6.5	6.2	5.6	5.9	5.8	5.9	5.9	5.9	5.8	5.7	5.8	5.7	5.7	5.7	5.7	5.4	5.4	5.5	5.6	5.2	5.3	5.2	5.0	5.2
Danville	Petit Jean	20	4.0	4.0	3.9	4.0	4.0	3.8	3.6	3.6	3.4	3.4	3.5	3.5	3.9	6.2	6.1	4.8	4.2	4.0	4.0	4.3	4.0	4.0	4.0	3.8	3.7	3.6	3.6	3.8	3.8	3.8
Ozark	Arkansas	22	3.4	3.6	3.5	3.4	3.3	3.3	3.2	3.0	2.5	2.5	2.4	2.4	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.8	2.5	2.2	2.2	2.0	2.0	1.9	1.9
Dardanelle	do	22	5.4	5.1	5.2	5.1	5.0	4.9	4.8	4.5	4.3	3.9	3.8	3.7	3.8	3.8	4.1	4.1	3.9	3.9	4.4	5.0	4.7	4.4	4.1	3.9	3.9	3.8	3.7	3.5	3.6	3.4
Morrilton	do	20	2.0	0.6	0.5	0.4	0.4	0.3	0.2	0.0	-0.3	-0.5	-0.8	-0.8	-0.8	-0.8	-0.6	-0.4	-0.9	-0.7	-0.6	0.8	0.5	0.4	0.0	-0.3	-0.4	-0.6	-0.7	-0.8	-1.1	-1.0
Little Rock	do	23	4.3	4.0	3.8	3.8	3.8	3.7	3.6	3.5	3.4	3.5	3.4	3.2	3.3	3.5	3.6	3.7	3.7	3.6	3.5	3.8	4.6	4.5	4.2	4.0	3.8	3.6	3.6	3.5	3.3	3.2
Pine Bluff	do	25	6.4	6.1	5.9	5.7	5.5	5.4	5.0	4.9	4.9	5.1	5.4	5.3	5.2	5.6	5.8	6.0	6.0	5.9	5.7	5.6	6.1	6.9	6.7	6.4	6.0	5.8	5.6	5.5	5.4	4.8
Gilbert	Buffalo	30	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.5	4.5	5.0	4.9	4.8	4.8	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.5	4.5	4.5
Black Rock	Black	14	4.8	4.6	4.4	4.4	4.4	4.3	4.2	4.0	3.9	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.5	4.6	4.4	4.4	4.3	4.3	4.2	4.0	3.9	4.4	4.1	4.1	3.9
Ozark Beach Mo.	White	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cotter	do	21	4.0	3.9	3.5	3.1	4.0	2.4	2.3	3.2	3.1	3.2	3.1	3.2	3.2	3.2	3.0	2.9	3.1	3.1	3.9	2.7	2.8	3.7	3.7	2.5	3.4	3.6	2.3	2.7	3.3	3.2
Calico Rock	do	18	3.9	3.8	3.9	3.3	3.6	3.5	2.8	3.3	3.2	3.2	3.1	3.2	3.4	2.7	2.2	2.4	2.2	2.2	2.6	2.9	2.2	2.3	3.0	2.6	1.6	2.4	2.5	1.6	2.7	2.7
Batesville	do	23	9.4	9.1	9.1	9.0	8.5	9.0	8.5	8.2	8.4	8.4	8.4	8.4	8.4	8.3	8.0	7.6	7.6	7.4	7.5	7.8	8.0	7.8	7.5	8.1	7.6	7.3	7.6	7.6	7.0	7.7
Newport	do	26	6.2	5.9	5.6	5.4	5.1	4.8	5.0	4.3	4.3	4.4	4.9	4.6	4.7	5.0	4.8	4.5	4.0	3.8	3.9	4.2	4.4	4.3	4.1	3.9	4.1	3.6	3.3	4.1	3.9	3.6
Augusta	do	32	19.2	18.6	18.4	18.0	17.7	17.3	17.2	17.0	16.6	16.6	16.9	17.3	17.4	17.4	17.9	17.7	17.4	17.0	16.9	17.5	18.2	18.2	17.9	17.4	17.2	17.0	16.4	16.2	16.7	16.4
Sugar Loaf Mt.	Little Red	..	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.7	3.9	3.9	4.2	4.6	5.6	5.9	5.6	5.6	7.8	9.0	7.7	6.9	6.4	5.9	5.6	5.4	5.2	5.6	5.6	5.4
Georgetown	White	21	9.3	8.8	8.9	8.6	8.3	7.8	7.5	7.3	7.0	6.9	7.8	8.2	8.3	9.1	9.3	9.3	9.1	8.8	8.8	11.0	11.4	11.1	10.5	9.7	9.1	8.7	8.2	7.8	7.7	7.6
Des Arc	do	24	11.9	11.4	11.5	11.7	11.3	11.0	10.5	10.0	9.8	9.8	9.8	11.0	11.6	12.3	12.7	12.8	12.8	12.7	12.9	14.0	14.6	14.7	14.3	13.7	13.0	12.4	11.8	11.2	10.9	10.7
Clarendon	do	26	16.6	16.2	16.4	16.4	16.3	16.1	15.8	15.5	15.5	16.5	17.5	17.9	18.2	18.6	19.0	19.3	19.4	19.4	19.5	19.7	20.2	20.7	20.9	20.8	20.6	20.2	19.8	19.3	19.8	18.3
St. Charles	do	25	15.6	15.5	15.5	15.5	15.4	15.3	15.0	14.8	14.6	15.6	16.7	17.2	17.6	18.1	18.5	18.8	18.9	19.0	19.2	19.3	19.6	20.0	20.3	20.4	20.5	20.4	20.2	19.8	19.3	18.8
Glenwood	Caddo	..	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.7	5.7	5.7	6.0	5.6	5.7	5.6	5.6	5.6	5.6	5.6	6.4	6.2	6.0	5.8	5.7	5.6	5.8	5.6	5.6	5.8
Arkadelphia	Ouachita	17	6.8	7.1	7.1	7.0	4.5	5.4	5.2	5.8	6.7	6.6	7.8	5.8	6.5	8.6	6.8	6.9	7.0	6.6	5.1	6.6	7.1	8.0	7.2	7.5	7.2	5.2	7.7	7.7	7.5	7.0
Boughton	Little Mo.	20	4.8	4.7	4.7	4.6	4.6	4.6	4.6	4.5	4.5	4.5	5.6	6.0	8.1	8.7	9.6	8.2	7.9	6.7	6.4	6.0	5.9	5.8	5.8	5.7	5.6	5.6	6.2	6.6	6.2	6.0
Camden	Ouachita	26	6.8	7.4	8.0	8.2	8.3	7.3	5.4	5.6	5.8	8.0	14.4	19.3	20.8	20.6	21.0	20.6	19.2	18.3	15.0	12.8	11.0	10.9	11.2	11.5	11.0	10.9	10.2	10.7	11.6	11.7
Benton	Saline	20	5.5	5.1	5.2	5.7	5.6	5.4	5.3	5.1	5.1	6.9	7.7	8.5	9.2	9.9	8.5	7.6	7.0	7.8	6.6	6.5	6.7	7.3	7.1	6.9	6.7	6.4	6.2	7.2	6.9	6.6
Index	Red	25	12.4	11.2	10.1	9.9	9.6	8.9	8.6	8.1	8.0	7.9	7.8	8.0	8.1	9.3	9.3	8.4	8.4	8.4	8.3	8.2	8.0	8.0	8.0	7.9	9.3	9.1	8.9	8.6	7.6	7.6
Fulton	do	25	13.3	12.6	11.6	11.1	10.8	10.2	9.9	9.6	9.0	9.2	9.6	9.5	9.8	10.4	10.7	10.4	10.2	10.1	10.0	9.8	9.7	9.7	9.5	9.4	10.5	10.8	10.7	10.4	9.8	9.0
St. Francis	do	18	17.6	17.5	17.2	16.6	15.6	14.7	13.5	12.3	13.0	12.9	14.1	14.2	14.5	14.6	14.7	14.3	13.6	12.9	12.5	12.2	11.9	11.6	11.2	10.9	10.5	10.1	10.4	10.7	11.2	10.8
St. Francis L.L.	do	..	19.7	19.7	20.5	20.3	20.3	20.2	20.2	20.4	20.6	20.8	21.0	21.2	21.3	21.5	21.6	21.6	21.7	21.7	21.8	21.8	21.8	21.8	21.7	21.7	21.7	21.7	21.6	21.6	21.5	21.2
Marked Tree	do	17	6.9	6.9	5.5	6.6	7.4	7.4	7.4	7.4	7.6	8.0	8.0	8.0	8.6	9.0	9.0	9.0	9.0	8.8	8.9	8.8	8.8	8.7	8.7	8.6	8.5	8.4	8.4	7.6	7.2	8.1
Parkin	do	28	7.1	7.0	11.4	13.0	13.0	12.7	11.9	10.9	10.8	11.6	14.0	14.4	14.6	15.1	15.1	14.7	14.1	14.0	14.1	14.5	14.8	14.1	13.5	13.0	12.4	11.7	11.5	11.0	10.7	10.6
Madison	do	32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Mississippi	44	11.6	11.5	11.4	11.5	10.9	10.3	10.1	10.4	10.7	11.2	12.1	12.7	13.4	14.2	14.6	14.7	15.2	16.0	16.7	17.7	18.1	18.1	17.9	17.9	18.3	19.3	20.9	22.0	22.7	23.2
Arkansas City	do	42	10.7	10.8	10.7	10.5	10.1	9.9	9.5	9.1	9.2	9.5	10.2	10.8	11.7	12.4	13.0	13.7	14.0	14.3	11.7	15.4	16.1	16.5	16.7	16.7	16.6	16.8	17.9	18.4	19.3	19.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1; Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana; Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner: Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. L LITTLE ROCK, ARK., DECEMBER, 1945 No. 12

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Unseasonably cold weather prevailed during most of December. The mean temperature was five degrees below normal for the State as a whole. It was one of the coldest Decembers on record, and the coldest and most wintry month of 1945. The coldest period of the month was from the 10th to 21st, when daily temperatures ranged from ten to twenty degrees below normal. Temperatures were almost continually below the freezing point over the northern half of the State between the 16th and 20th. The lowest temperatures of the month occurred on the 19th and 20th when minima were below zero at some northern stations and around 15° near the southern border of Arkansas. Mammoth Springs reported a low temperature of −12° on the 20th, the lowest December temperature recorded in Arkansas since 1917.

December was the driest month of the year. precipitation averaging about 50% of normal for the State as a whole. Rainfall averaged about three inches in the eastern and southeastern sections and about an inch in the northwestern counties. The heaviest snowfall of the year occurred on the night of the 17th-18th. It was heaviest in the eastern section, some stations reporting depths of three to four inches. However, the snow did not remain on the ground more than two days and interfered little with highway traffic.

Outside farm work was less than normal during December because of the unseasonably cold weather. Cotton picking, rice threshing, and some plowing were engaged in early in the month. Butchering was a major activity. Winter grains and cover crops survived the cold weather and appeared to be in good condition at the close of the month.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 77 stations, was 37.7°, which is 5.0° below the 55 year average for December. The highest monthly mean temperature was 44.3° at Magnolia, and the lowest was 31.0° at Bentonville. The highest temperature recorded was 79° at Hope on the 7th, and the lowest temperature recorded was −12° at Mammoth Springs on the 20th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 104 stations, was 2.25 inches, which is 1.98 inches below the 55 year average for December. The greatest monthly total was 4.97 inches at Cummins Farm, and the least was 0.38 inch at Harrison. The greatest amount recorded in any 24 hour period was 2.08 inches at Story on the 17-18th.

B. N. W.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms:---24,26,27.
High Winds:---4,19,24.
Heavy Fog:---23,24,27,28,29.
Sleet:---3,4,9,14,17,18.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.54	16	29.50	24	8.7	33	w.	24	82	68	70	46	889
Little Rock	30.61	16	29.54	24	8.6	30	nw.	24	80	63	68	44	838
Memphis .	30.59	16	29.55	24	9.1	30	n.	4	83	68	71	40	862

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	72	13	4.69	.... .	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	− 6	4.42	1 3	6	12	6	13
1902	40 8	75	5	5.71	3.3	8	10	6	15
1903	39 7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0 7	7	12	6	13
1908	46.0	82	11	1.50	0 2	5	13	7	11
1909	35.3	82	1	5.26	3 2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1.0	12	10	7	14
1912	41.7	76	8	2.63	1 2	7	14	7	10
1913	43.6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.8	7	12	4	15
1916	42.1	82	−16	3.35	4 5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	3	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43 2	74	6	5.95	0.4	8	13	5	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6 24	T.	13	9	5	17
1924	41 4	86	− 8	5.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.18	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0 9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41.5	74	4	3.78	0 2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.32	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
1938	44.6	74	6	2.93	T.	7	13	7	11
1939	45.5	84	5	2.46	1.4	5	16	5	10
1940	46.7	77	14	3.90	T	9	13	5	13
1941	44.7	80	14	3.67	0.3	7	11	8	12
1942	42.7	80	16	4.87	0.6	10	8	5	18
1943	40.7	82	− 5	3.43	0.7	7	9	6	16
1944	38.0	76	4	7.86	0.4	11	12	3	16
1945	37.7	79	−12	2.25	2.1	7	10	6	15
Period	42.7	88	−21	4.23	1.1	8	12	6	13

Errata:---June. Fort Smith, max. temp. on 9th, 86°, 13th 77°; Henderson, total precipitation 12.29 inches; Monticello, 7.78. Newport, mean min. temp., 66.5°, mean temp. 76.2°, departure −1.8°.

Climatological Data for December, 1945

Stations	Counties	Elevation	Lenght of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unsettled	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	8	37.9	......	68	8	9	16†	1.81	......	0.94	12-13	3.5	10	5	13	13	c.	L. R. Water Works
Arkadelphia	Clark	200	49	39.2	− 5.6	74	8	12	16	3.44	−1.50	0.68	12-13	1.0	11	8	5	19	n.	W. H. Halliburton
Arkansas City	Desha	145	60	......	......	......	......	......	......	4.64	−0.55	1.00	4	0.0	9	8	3	20	......	John W. Trammell
Ashdown	Little River	329	1	39.5^{g}	......	72^{g}	8	12^{g}	16	2.55	......	0.48	27	0 0	9	6	8	17	......	Southwestern G. & E.
Batesville Airway	Independence	363	9	35.4	− 5.1	68	8	6	20	1.95	......	0.65	12-13	3.0	8	11	9	11	nw.	Airway Observer
Batesville Livestk.	Independence	500	4	35.5	......	77	8	5	19	1.83	......	0.55	23-24	2.5	5	12	10	9	n.	University of Arkansas
Batesville River	Independence	277	45	......	......	......	......	......	......	2.29	−0.59	0.65	12-13	3.0	7	10	5	16	......	C. M. Barnwell
Bee Branch	Van Buren	650	52	35.1	− 7.0	68	8	7	16†	1.73	−2.35	0.80	12-13	3.0	4	11	8	12	n.	Minnie Scanlan
Benton	Saline	285	9	35.7	......	71	8	7	16†	2.09	......	0.60	12-13	2.0	9	15	1	15	nw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	39	31.0	− 7.4	64	7	− 5	19†	0.75	−1.71	0.27	1-2	2.0	4	10	10	11	sw.	E. L. Brown
Bethesda ***	Independence	500	5	34.6	......	77	8	4	19	1.63	......	0.81	23-24	2.5	3	11	8	12	nw.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	14	......	......	......	......	......	......	2.92	−1.41	0.93	12-13	7.0	7	6	11	14	se.	N. W. Douglas
Black Rock	Lawrence	259	43	......	......	......	......	......	......	2.13	−1.73	0.69	12-13	0.0	5	2	11	18	w.	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	4	41.2^{f}	......	71^{f}	8	16^{f}	20	4.07	......	1.09	27	0.0	8	......	......	....	e.	Ark. Forestry Com
Blytheville	Mississippi	252	19	37.2	− 5.0	66	8†	6	20	2.95	−1.11	0.85	12-13	5.5	7	10	7	14	s.	R. E. Blalock
Booneville 3 miles w	Logan	465	30	38.7	− 5.4	72	8	7	19	0.75	−2.42	0.30	11-12	0.5	5	16	7	8	w.	F. H. Randolph
Boughton ***	Clark	235	9	......	......	......	......	......	......	2.27	......	0.60	2	0.0	5	7	7	17	......	Katie B. Moore
Brinkley	Monroe	205	53	37.4	− 6.4	66	8	13	20	4.05	−1.06	0.81	23	11.0	10	6	6	19	n.	U. S. Weather Bureau
Calico Rock	Izard	361	40	......	......	......	......	......	......	1.10	−2.21	0.45	12	3.0	5	6	5	20	......	William Jones
Camden	Ouachita	116	59	42.8	− 2 5	71	8	12	17	4.34	−0.66	1.12	2-3	0.0	7	7	11	13	se.	J. M. Knight
Camp Chaffee	Sebastian	419	1	36.9	......	70	8	8	19	0.48	......	0.21	12-13	1.0	5	8	8	15	e.	U. S. Army
Camp Robinson	Pulaski	463	4	38.0	......	69	8	10	19	2.16	......	0.50	23	2.0	9	3	18	10	nw.	U. S. Army
Clarendon	Monroe	172	40	......	......	......	......	......	......	4.17	−0.84	1.01	27	3.0	11	9	3	19	n.	B. F. Northern
Conway	Faulkner	309	61	38.6	− 4 5	72	8	11	19†	0.85	−3.38	0.38	17	4.8	6	11	9	11	nw.	E. E. Cordrey
Corning	Clay	293	51	34.6	− 5.4	68	8	2	19	1.76	−1.91	0.56	18	6.0	4	11	5	15	w.	Mrs. Laura Polk
Cotter	Baxter	440	17	......	......	......	......	......	......	1.01	−2.31	0.42	12-13	2 0	4	10	7	14	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	32	41.9	− 4.8	68	8	10	20	3.65	−1.61	0.92	2-3	T.	9	8	6	17	n.	U. S. Forest Service
Cummins Farm ***	Lincoln	176	1	41.4	......	69	8	16	19†	4.97	......	1.10	3	0.0	8	6	5	20	n.	T. C. Cogbill
Danville	Yell	327	28	......	......	......	......	......	......	1.23	−2.43	0.72	12-13	0.2	9	5	7	19	......	J. A. Moudy
Dardanelle	Yell	330	58	38.2	− 4.7	72	8	9	19†	1.35	−2.13	0.78	12-13	1.8	9	6	9	16	e.	Geo. N. Goodier
DeQueen	Sevier	426	9	39.7	......	72	8	10	16†	1.60	......	0.48	12-13	T	7	14	6	11	......	L. D. McCowan
Des Arc	Prairie	204	6	38.5	......	70	8	12	16†	2.95	......	0.85	3-4	1.0	8	6	5	20	n.	Z. R. Glenn
Devils Knob ***	Johnson	2350	8	33.2	......	61	8	− 4	19	1.13	......	0.39	17-18	2.7	7	17	3	11	nw.	U. S. Forest Service
Dumas	Desha	162	39	41.1	− 5 4	71	8	16	16†	3.96	−1.95	0.85	2-3	4.0	11	5	10	16	n.	Ben Johnson
El Dorado	Union	270	44	43.2	− 4.0	74	9	15	20	3.91	−2.48	1.22	2-3	T.	5	13	1	17	n.	Airway Observer
England	Lonoke	229	38	......	......	......	......	......	......	....	......	....	......	......	......	......	......	....	......	O. V. Halbrook
Eureka Springs	Carroll	1465	44	34.4	− 5.8	64	8	− 2	19	0.70	−2.28	0.20	12-13	3 0	8	17	2	12	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	7	35.6	......	65	8	− 1	19	0.70	......	0.21	12-13	2.5	8	7	10	14	nw.	Charles F. Ford
Fayetteville Exp.	Washington	1451	57	34.4	− 5.7	65	8	− 2	19	0.46	−2.32	0.16	12	1.7	6	8	12	11	s.	University of Ark.
Fordyce	Dallas	280	4	42.8	......	70	8†	15	16	4.50	......	1.95	3-4	T.	6	7	10	14	nw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	63	36.3	− 5.8	69	8	8	19	0.58	−2.18	0.17	12-13	0.9	6	8	7	16	ne.	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	7	......	......	......	......	......	......	0.55	......	0.32	12-13	1.5	3	17	3	11	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	59	......	......	......	......	......	......	2.85	−1.16	0.89	26-27	T.	8	3	12	16	......	Ina J. Logan
Garland	Miller	225	2	......	......	......	......	......	......	2.82	......	0.91	26-27	0.0	7	9	......	22	......	L. D. Denney
Georgetown, 2 mi. se	White	200	32	......	......	......	......	......	......	3.12	− 1.33	0.82	12-13	3.0	9	12	0	19	......	J. S. McDonald
Gilbert	Searcy	600	19	32.4	......	72	8	− 3	20	0.60	+ 2.66	0.30	12	2.5	4	9	3	19	n.	D. O. Denuis
Glenwood	Pike	547	9	......	......	......	......	......	......	1.94	......	0.54	23-24	0.0	6	10	4	17	......	C. A. Price
Grannis	Polk	950	25	40.0	− 4.7	70	8	8	19	2.33	−2.51	0 90	12-13	T.	9	9	9	13	se.	W. E. McVay
Gravette	Benton	1250	47	33.8	− 4.8	63	7	− 6	19	0.54	−1.84	0.20	13†	2.0	3	13	9	9	nw.	J. A. Schmidt
Green Mountain ***	Stone	1100	7	35.1	......	67	8	− 1	19	1.10	......	0 45	12 13	4.0	4	9	9	13	n.	U. S. Forest Service
Harrison	Boone	1052	44	35.4	− 3.3	69	8	0	19	0.38	−2.10	0.30	13	1.5	2	13	8	10	nw.	J. M. McGaughey
Helena	Phillips	300	72	39.1	− 5 2	66	8	13	16†	4.46	−0.54	0.89	3-4	5.6	14	10	2	19	se.	James A. Burnett
Hope 3 miles e.	Hempstead	375	74	40 0	− 6.9	79	7	13	16	3.00	−1.56	0.65	12-13	0.6	13	3	10	18	n.	Univ. of Arkansas
Hot Springs	Garland	600	52	39.8	− 4.7	68	7†	9	19	1.65	−2.86	0.61	12-13	T.	9	11	7	13	n.	National Park Service
Index ***	Little River	275	27	......	......	......	......	......	......	1.75	−2.64	0.75	26-27	0.0	5	20	0	11	......	W. E. McDowell
Jessieville	Garland	750	18	......	......	......	......	......	......	2.78	−1.57	0.95	12-13	0.0	7	8	7	16	nw.	U. S. Forest Service
Jonesboro	Craighead	345	49	35.6	− 5.8	67	8	7	19	3.01	−1.29	1.00	12-13	4.5	10	8	6	17	sw.	Benedictine Sisters
Lead Hill	Boone	650	38	33.4	− 6.2	65	7	− 3	20	0 95	−2.07	0.36	24	2.4	3	18	2	11	nw.	F. W. Kellogg
Little Rock	Pulaski	257	65	38.0	− 6.2	69	8	13	19	1.91	−2.23	0.67	12-13	2.0	10	6	7	18	nw.	U.S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	46	37.0	− 4.7	70	8	5	19	1.08	−3.05	0.66	12	3.0	4	14	5	12	e.	Mrs H. G. Lenhardt
Madison	St. Francis	209	14	......	......	......	......	......	......	4.26	−0.94	0.70	2	3.0	11	11	3	17	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	28	44.3	− 4.9	73	8	16	20	3.49	−1.96	1.38	2-3	0.0	5	8	8	15	nw.	State Agr. School
Mammoth Spring	Fulton	600	40	33.1	− 6.3	67	7	−12	20	1.04	−2.22	0.40	12	2.5	3	11	12	8	n.	L. A. O'Neal
Marianna	Lee	235	33	38.0	− 6.1	65	7	11	20	3.92	−0.51	1.22	2-3	5.2	9	9	2	20	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	40	34.6	− 6.3	65	8	10	19†	4.22	−0.22	1.02	12-13	6.5	8	8	7	16	n.	Chas. Walton
Marshall	Searcy	1050	26	......	......	......	......	......	......	....	......	....	......	....	......	......	......	....	......	Roy Richardson
Mena	Polk	1207	56	38.4	− 4.5	69	7†	6	19	1.62	−2.30	0.60	12-13	0.5	10	9	9	13	sw.	E. W. St. John
Monticello	Drew	273	4	40.6	......	69	8	15	16†	2.83	......	0.80	3	1.0	10	13	4	14	n.	Airway Observer
Morrilton ***	Conway	315	28	35.3	− 8.6	69	8	10	19†	1.12	+2.78	0.91	12	1.5	2	8	4	19	nw.	L. A. Dicus
Mountainburg	Crawford	712	7	......	......	......	......	......	......	0.57	......	0.29	12	2.0	4	11	6	14	n.	C. A. Lovell
Mountain Home ***	Baxter	800	32	35.0	− 5 0	72	8	0	19	0.50	−3.03	0.25	12-13	0.0	3	13	4	14	nw.	H. N. Halbert
Mountain Valley	Garland	788	7	......	......	......	......	......	......	....	......	....	......	....	......	......	......	....	......	....
Mount Ida, 2 mi. e	Montgomery	702	45	37.7	− 5.5	71	7	6	20	2.05	−2.16	1.10	12-13	3.7	8	10	4	17	w.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	6	......	......	......	......	......	......	0.75	......	0.31	12-13	2.0	4	11	7	13	......	H. G. Arvin
Nashville	Howard	350	6	41.1	......	73	8	13	16	2.47	......	0.97	27	1.0	6	14	1	16	e.	Carter Day
Newport	Jackson	231	61	37.6	− 4.8	65	7†	9	20	2.64	−1.39	0.90	12-13	3.0	7	9	3	19	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	3	36.9	......	70	8	9	16†	1.41	......	0.91	12-13	0 0	7	......	......	....	nw.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	17	40.1	......	73	7	8	16	1.93	−1.87	1 05	12-13	0.3	7	8	7	16	sw.	U. S. Forest Service
Okay	Howard	288	16	42.3	− 4.6	74	8	13	16	2.15	−2.61	0.50	1-2	1.0	8	13	4	14	s.	Charles R. Jackson
Osceola	Mississippi	250	44	......	......	......	......	......	......	3.08	−0.84	0.83	12-13	5.0	7	......	......	....	......	G. M. Serey
Ozark	Franklin	396	49	36.9	− 5.0	69	8	7	19	0.69	−2.69	0.30	17-18	2.8	6	9	4	18	nw.	Orkney O. Milton
Paragould	Greene	275	21	35.0	......	64	8	4	20	3.36	−0.87	1.22	17-18	5.6	8	12	8	11	sw.	J. E. Garrett
Parkin, 2mi. w	Cross	222	14	......	......	......	......	......	......	3.77	−1.21	1.01	3-4	5.0	7	8	7	16	......	Carroll King
Perryville	Perry	325	5	......	......	......	......	10	19	1.93	−2.05	1.04	12-13	2.0	8	11	12	8	nw.	Gordon Bennett
Pine Bluff	Jefferson	215	57	41.5	− 3.7	72	8	16	19	4.74	−0.43	1.02	26-27	2.5	10	7	9	15	nw.	Mary T. Scheu
Pine Ridge	Montgomery	840	20	......	......	......	......	....	......	2.05	−1.88	0.98	12-13	0.5	9	11	8	12	nw.	J. R. Huddleston
Pocahontas	Randolph	300	51	......	......	......	......	5^{a}	19	2.01	−1.77	0.60	12	5.0	6	11	6	14	n.	Benedictine Sisters
Portland	Ashley	122	38	42.7	− 4.7	69	8	17	20	3.53	−2.14	0.72	2-3	T.	8	8	7	16	n.	Mrs. Pearl Newton
Prescott	Nevada	318	56	42.6	− 2.8	72	8	15	16	2.89	−1 67	0.76	26-27	1.0	11	10	6	15	n.	O. J. Stephenson
Rogers	Benton	1300	54	34.2	− 5.1	67	8	− 6	19	0.56	−1.87	0.27	23-24	3 0	7	10	9	12	nw.	Howard Fowler
Russellville	Pope	526	32	37.1^{b}	− 4.9	71^{b}	8	9^{b}	19†	1.27	−1.97	0.70	12-13	3.0	6	11	7	13	e.	U. S. Forest Service
St. Charles	Arkansas	175	11	39.5	..	70	8	14	16	4.44	......	0.71	4	0.9	8	9	0	22	n.	U. S. Bio. Survey
St. Francis	Clay	290	17		......	......	....	......	......	2.13	−1.96	0.48	23-24	5.0	6	14	0	17	......	Wm. S. Buckley
Searcy	White	245	34	38.2	− 4.8	70	8	10	19	2.24	−2.23	1.26	12-13	0.0	7	11	2	18	nw.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	4	38.4	......	70	8	9	16	3.26	......	0.91	12-13	1.2	9	8	7	16	n.	Ark. Forestry Com.
Siloam Springs	Benton	1150	4	35.0	......	64	8	− 1	19	0.64	......	0.28	1	2 0	6	15	7	9	nw.	John Brown Univ.
Story	Montgomery	650	20	......	......	......	......	......	......	3.49	−0.86	2.08	17-18	0.9	4	12	6	13	n.	S. C. Story
Stuttgart	Arkansas	214	57	39.8	− 4.3	69	8	15	19	4.07	−0.84	0.92	12-13	3.0	8	15	1	15	n.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	9	38.2	......	67	8	16	20	3.43	......	0.85	3-4	4.0	9	13	6	12	......	University of Ark.

Climatological Data for December, 1945 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	46	36.4	− 6.7	69	8	5	19	0.77	−2.62	0.28	12-13	1.5	5	18	5	8	s	New Subiaco Abbey
Texarkana	Miller	332	60	42.1	− 4.8	72	8	15	19	3.29	−1.32	1.10	26-27	T.	12	6	8	17	nw.	U. S. Weather Bureau
Turnpike***	Pope	2240	20	33.2	......	65	8	4	19	1.51	−2.65	0.63	12-13	2.7	7	15	1	15	nw.	U. S. Forest Service
Waldron	Scott	675	25	37.8	......	70	8	8	16†	0.83	−2.71	0.40	12-13	T.	4	8	13	10	nw.	William D. Bivens
Warren	Bradley	206	50	43.4	− 2.3	71	8	16	16†	2.72	−2.86	0.95	2-3	T.	8	8	8	15	nw.	C. N. Turner
Whitecliffs	Little River	290	38	....	......	......	......	......	......	2.57	−1.91	0.65	27	0.0	6	16	3	12	......	L. M. Snead
White Rock***	Franklin	2285	8	34.0	......	61	8	− 4	19	1.16	......	0.35	12	2.6	8	18	3	10	ne.	U. S. Forest Service
Wilson	Mississippi	237	19	35.8	− 6.8	61	8†	8	19	3.03	−1.56	1.25	5	6.0	4	9	1	21	sw.	D. O. Anderson
Wynne	Cross	167	36	....	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Mrs. C. A. Ford
State Means	......	....	..	37.7	− 5.0	79	7	−12	20	2.25	−1.98	2.08	17-18	2.1	7	10	6	15	nw	

Daily Precipitation for December, 1945

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas		.10		T.									.21					.14									.28	.05				0.78
Alum Fork Reser.	Arkansas	T.	.08	.10	.18								.05	.89					.17					.07		.12		.12			.03		1.81
Aplin[2]	Arkansas		.05		.23									.96	T.				.05						.06				T.				1.35
Arkadelphia[2]	Ouachita		.14	.25	.15									.68	.01				.55					.57	.20	.10		.58	.21				3.44
Arkansas City[2]	Mississippi			.67	1.00	.15					.68			.59					.48						.29	.43			.35				4.64
Ashdown	Red	.06	.45	.39	T.									.38					.40	T.				.24	.07			.48	.08				2.55
Augusta[2]	White				.85									1.00	T.				.60	T.				.05	.16	.25			.20				3.11
Batesville Air'y[3]	White			.25	.08								.32	.33				.06	.30					.10	.51								1.95
Batesville Livestk[2]	White				.25									.52	T.				.25						.55	.26							1.83
Batesville River[2]	White				.35									.65					.36	.06				.09	.21	.57							2.29
Beaty Lake	St. Francis		.23	.22	.87						T.		T.	.82					.67					.41	.16	.07		.41	.02			T.	3.88
Beaver[2]	White		.07		.01									.15	.01				.16														0.40
Bee Branch	Arkansas			.08										.80					.40						.45								1.73
Beech Grove[2]	White				.55									.53					.53	T.					.24	.19			T.				2.04
Beedeville[2]	White				.80									1.04					.46					T.	T.	.54			.29				3.13
Benton[2]	Saline			.10	.23									.60	.05				.42						.23	.09		.26	.11				2.09
Bentonville[2]	Arkansas		.27		T.									.20					.12						.16								0.75
Bethesda[2]	White			T.										.57					.25						.81								1.63
Big Flat[2]	White																																....
Big Lake Outlet[2]	St. Francis				.26						T.			.93	.03				.70	.12				T.	.44	.44			T.				2.92
Black Rock[2]	White				.41									*	.69				.41	T.					.25	.37							2.13
Bluff City	Ouachita		.35	.75	.34								T.	.51					.42					.56	.05		T.	1.09	T.		T.		4.07
Blytheville[2]	St Francis			.03	.58									.85					.55					.38	.33	T.		.23					2.95
Booneville 3 mi. w	Arkansas	.10		T.	.05							T.	.30						.20						T.			.10					0.75
Booneville[2]	Arkansas																																....
Boughton[2]	Ouachita			.60										.60					.53						.36				.18				2.27
Bradford[2]	White				.63									1.03	.03				.45	.03					.23	.17			.10				2.67
Brinkley[3]	White		.24	.65	.21					T.			.32	.49				.12	.37	T.			T.	.81	.23			.61	T.	T.	T.		4.05
Burdette	Mississippi				.54									.96					.56					.21	.35			.71		.02			3.35
Calico Rock[2]	White		T.		.13									.45					.26						.10	.16				T.			1.10
Camden[2]	Ouachita		.43	1.12	.58									.25	.05				.36					.21	.05	.20		.67	.42				4.34
Camp Chaffee[2]	Arkansas		.12											.21	T.				.03				.01		T.	T.		.11		T.			0.48
Camp Robinson[1]	Arkansas		T.	.31	.10								.39	.22				.22	.18					.50	.12			.12					2.16
Carlisle[2]	Arkansas	.18		.18	.78									.72					.30									65	.22				3.03
Clarendon[2]	White		.20	.13	.69						T.			.90	.04				.57	T.				.33	.14	.16		.74	.27				4.17
Cold Springs[2]	Ouachita		.45											.52					.25						.06			.20	.15				1 63
Conway	Arkansas		.02	.13	.11													.38						.09	.12			T.					0.85
Corning[2]	White				.45										.50				.56					T.	.25								1.76
Cotter[2]	White				.19									.42					.23	T.					T.	.17							1.01
Crossett	Ouachita		.57	.92	.23					.31				.28					.52				T.	.03	.57			.22	T.				3.65
Crystal Valley[2]	Arkansas																																....
Cummins Farm	Arkansas		.40	1.10	30									.70					.20					1.02	.15			1.10					4.97
Danville[2]	Arkansas		.07	.06	.05									.70	.02				.22						.04			.03	.04				1.23
Dardanelle[2]	Arkansas		.02	.02	.11									.76	.02				.31						.05			.03	.03				1.35
De Queen	Red	T.	.35	T.									.18	.30				.29						.10	.17			.21					1.60
Dermott[2]	Mississippi			.78	.78	.12	T.			.22	.15			.55					.41						.10				.40	.10			3.61
Des Arc[2]	White		.25	.04	.85									.75	.09				.03					T.	T.	.32			.62				2.95
Devils Knob	Arkansas	.04		.05									.30	.13	T.			T.	.39	T.					.20			.02					1.13
Dumas	Mississippi		.17	.85	.62					.07	.08			.40					.40					.82	.18			.35		.02	T.		3.96
Eagle Gap[2]	Arkansas		.16	T.	.04									.45	T.				.24							T.		.25	.09				1.23
El Dorado	Ouachita		.83	1.22						.47				1.03				T.										.36					3.91
Eleven Point[2]	White	T.			.32									.50	T.				.36							.26			T.			T.	1.44
England	Arkansas																																....
Eureka Springs	White	.10		.05	.03								.15	.05				.05	.13						.14								0.70
Evening Shade[2]	White				.24									.61	T.				.45	.01				T.	T.	.24		T.					1.55
Fayetteville	White	.12	T.	.01	T.								.15	06		T.		.08	.14	T.				T.	.13	T.		.01					0.70
Fayetteville Exp. S	White	.06		.01	T.								.16	T.				.05	.08	T.					.10								0.46
Fordyce	Arkansas			*	1.95							.57							T.					.65	.09			1.24					4.50
Forester[2]	Arkansas	T.		.15										.50					.10					T.				*	.30				1 05
Fort Smith[1]	Arkansas	.14		T.									.11	.06				.11	.04									.12					0.58
Fort Smith W.[2]	Arkansas		.07	T.										.32					.16							T.		T.					0.55
Fulton[2]	Red		.14	.53	.03									.53	T.				.45					.28		T.		.77	.12				2 85
Garland[2]	Red		.26	.82	.06									.45	T.				.82					T.				.70	.21				2.82
Georgetown[2]	White		.05		.80									.82					.38				T.	.20	.05	.50		.25	.07				3.12
Gilbert[2]	White				.10									.30					.15						.05								0.60
Glenwood[2]	Ouachita			.32		.08									.49										.54				.42	.09			1.94
Grannis	Red	.11	.20	.06									.24	.66				T.	.34					.10	.27			.35					2.33
Gravelly[2]	Arkansas		.14	T.	.10									.66	.02				.25						.06			.22	.12				1 57
Gravette	Arkansas			T.										.20					.20					T.	T.	.14							0.54
Green Forest	White		.03		T.	.03								T.	.20				.13							.08							0.47
Green Mountain	White			T.	.05								T.	.45					.30					T.	.30			T.					1.10
Greenwood[2]	Arkansas													.62					.18					T.	T.			.18	T.				0.98
Harrison	White			T.									T.	.30		T.		T.	.08						T.							T.	0.38
Helena[2]	Mississippi		.05	.51	.89						.08			.68	.04				.46	.05				.34	.42	.66		.13	.14			.01	4.46
Henderson[2]	White			T.										.15	.15				.20	T.					.14	.10	T.						0.74
Hollis	Arkansas																																....
Hope[2]	Red		.16	.44	.09						T.			.63	.02			.25	.28					.28	.09			.55	.18	.02	.01	T.	3.00
Hot Springs	Ouachita	T.	.11	.06	.01								.11	.50					.36					.09	.22			.19	T.	T.			1.65
Huttig[2]	Ouachita		.10	.74	.62	.05					.18			.21	.02				.49					T.		.59			.22				3 22
Index[2]	Red		T.	.50										.25					.05						.20			.75					1.75
Jessieville	Ouachita		.07	.29										.95				T.	.29				.29		.20		.69						2.78

Daily Precipitation for December, 1945 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jonesboro [2]	White	....	....	....	.51	....	....	....	....	....	....	....	....	.84	.16	....	....	....	.51	.08	....	....	....	.02	.48	.29	....	....	.10	.02	....	....	3.01
Lake City [2]	St. Francis	....	....	....	.38	....	....	....	....	....	....	....	....	.28	....	....	....	....	2.75	....	....	....	....	....	....	....	....	....	.25	....	....	....	3.66
Lead Hill	White	T.	....	T.	....	....	....	....	....	....	....	....	....	.35	....	....	....	....	.24	....	....	....	....	....	.36	....	....	....	....	....	....	....	0.95
Little Rock [1]	Arkansas	T.	.04	.34	.09	....	....	....	....	....	....	....	.40	.27	....	....	....	.21	.22	....	....	....	T.	.06	.07	....	....	.21	T.	T.	....	....	1.91
Lutherville	Arkansas	T.	....	.03	....	....	....	....	....	....	....	....	....	.66	....	....	....	....	.35	....	....	....	....	....	....	....	....	.04	....	....	....	....	1.08
Madison [2]	St. Francis	....	.70	.30	.67	T.	....	....	....	....	....	....	....	.51	.03	....	....	....	.70	....	....	....	....	.30	.05	.35	....	.45	.20	....	....	....	4.26
Magnolia	Red	....	.79	1.38	....	....	....	....	....	....	....	....	....	.47	....	....	....	....	....	....	....	....	.20	....	....	....	....	.65	....	....	....	....	3.49
Mammoth Spg [2]	White	....	....	....	....	....	....	....	....	....	....	....	.40	....	....	....	....	....	.34	....	....	....	....	....	.30	....	....	....	....	....	....	....	1.04
Marianna [2]	St. Francis	....	....	1.22	....	....	....	....	....	....	....	....	....	.83	....	.02	....	....	.54	T.	....	....	....	.56	....	.14	.32	.14	....	.15	....	....	3.92
Marked Tree [2]	St. Francis	....	....	....	.74	....	....	....	....	....	....	....	....	.94	.08	....	....	....	.90	.04	....	....	....	....	.53	.74	....	T.	.25	....	....	....	4.22
Marshall [2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marvell [2]	White	....	1.60	....	....	....	....	....	....	....	....	....	....	.80	....	....	....	....	.21	....	....	....	....	....	.43	....	....	....	*	1.34	....	....	4.38
Melbourne [2]	White	....	....	.17	....	....	....	....	....	....	....	....	....	.20	....	....	....	....	.26	....	....	....	....	....	....	....	....	....	....	....	....	....	0.63
Mena [2]	Ouachita	....	.13	.01	.01	....	....	....	....	....	....	....	....	.60	.02	....	....	....	.22	.02	....	....	T.	T.	.11	....	....	.31	.19	....	T.	....	1.62
Monticello [1]	Ouachita	....	.35	.80	.20	....	....	....	....	.15	....	....	.14	.22	....	....	....	.07	.28	....	....	....	....	.22	....	....	....	.40	....	....	....	....	2.83
Morobay [2]	Ouachita	....	.23	1.02	.49	....	....	....	....	.21	.19	....	....	.32	....	....	....	....	.37	....	....	....	....	.05	T.	....	....	....	.35	....	....	....	3.23
Morrilton [2]	Arkansas	....	T.	....	T.	....	....	....	....	....	....	....	....	.91	T.	....	....	....	.21	....	....	....	....	....	T.	T.	....	....	T.	....	....	....	1.12
Mountainburg	Arkansas	.04	....	....	....	....	....	....	....	....	....	....	.29	....	....	....	....	T.	.20	....	....	....	....	....	.04	....	....	T.	....	....	....	....	0.57
Mountain Home	White	T.	....	T.	....	....	....	....	....	....	....	....	.05	.25	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	0.50
Mountain Valley	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mountain View [2]	White	....	....	....	....	....	....	....	....	....	....	....	....	.93	....	....	....	....	.11	....	....	....	....	T.	T.	.12	....	....	....	....	....	....	1.16
Mount Ida	Ouachita	.04	....	.12	....	....	....	....	....	....	....	....	.30	.80	....	....	....	....	.25	....	....	....	....	.12	.16	....	....	.26	....	....	....	....	2.05
Mulberry [2]	Arkansas	....	.13	....	....	....	....	....	....	....	....	....	....	.31	....	....	....	....	.20	....	....	....	....	....	....	....	....	.11	....	....	....	....	0.75
Nashville	Red	.12	.28	....	.17	....	....	....	....	....	....	....	.47	T.	....	....	....	.46	....	....	....	....	....	T.	T.	....	....	.97	....	....	....	....	2.47
Newhope [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Newport [2]	White	....	....	....	.72	....	....	....	....	....	T.	....	....	.90	....	....	....	....	.30	....	....	....	....	.08	.24	.25	....	....	.15	....	....	....	2.64
Nimrod Dam [2]	Arkansas	....	.05	T.	.15	....	....	....	....	....	....	....	....	.91	T.	....	....	....	.21	....	....	....	T.	T.	.05	....	....	.02	.02	....	....	....	1.41
Odell [2]	Arkansas	....	.10	....	T.	....	....	....	....	....	....	....	....	.15	....	....	....	....	.30	....	....	....	....	....	....	.13	....	T.	....	....	....	....	0.68
Oden	Ouachita	.10	....	.08	....	....	....	....	....	....	....	....	.15	.90	....	....	....	....	.25	T.	....	....	....	....	.12	....	....	.33	....	....	....	....	1.93
Okay	Red	.05	.50	.26	....	....	....	....	....	....	....	....	.06	.33	....	....	....	....	.43	....	....	....	....	....	.06	....	....	.46	....	....	....	....	2.15
Osceola [2]	Mississippi	....	....	T.	.69	....	....	....	....	....	T.	....	....	.83	....	.03	....	....	.43	....	....	....	....	.40	.35	....	....	.35	....	....	....	....	3.08
Ozark [2]	Arkansas	....	.11	....	.03	....	....	....	....	....	....	....	....	.18	.04	....	....	....	.30	T.	....	....	....	....	....	T.	....	.03	....	....	....	....	0.69
Paragould	St. Francis	....	....	.17	.04	....	....	....	....	....	....	....	....	1.18	....	....	....	....	1.22	....	....	....	....	.05	.54	.08	....	.08	....	....	....	....	3.36
Parkin [2]	St. Francis	....	T.	.10	1.01	....	....	....	....	....	....	....	....	.95	T.	....	....	....	.45	T.	....	....	....	....	.77	.22	....	T.	.27	T.	....	....	3.77
Perryville [2]	Arkansas	....	.08	.03	.35	T.	....	....	....	....	....	....	....	1.04	....	....	....	....	.32	.02	....	....	....	....	.09	....	....	....	T.	....	....	....	1.93
Pine Bluff [2]	Arkansas	....	.27	.46	.59	T.	....	....	....	....	T.	....	....	.61	....	....	....	....	.55	....	....	....	....	.75	.30	.19	....	.60	.42	....	....	T.	4.74
Pine Ridge [2]	Ouachita	....	.11	.03	....	....	....	....	....	....	....	....	....	.95	.03	....	....	....	.21	....	....	....	....	.03	.07	....	....	.19	.43	....	....	....	2.05
Pocahontas	White	....	....	....	.37	....	....	....	....	....	....	....	....	.60	....	....	....	....	.44	....	....	....	....	....	.10	.45	....	....	.05	....	....	....	2.01
Portland [2]	Ouachita	....	....	.72	.70	.20	....	....	....	....	32	....	....	.32	....	....	....	....	.50	....	....	....	T.	T.	....	.45	....	....	.32	....	....	....	3.53
Prescott [2]	Ouachita	....	.28	.45	.10	....	....	....	....	....	....	....	....	.65	....	....	....	....	.30	....	....	....	T.	.26	.06	.02	....	.60	.16	....	.01	....	2.89
Ratcliff [2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Star	White	.03	....	T.	....	....	....	....	....	....	....	....	....	.41	T.	....	....	.25	....	....	....	....	....	....	.55	....	....	T.	....	....	....	....	1.24
Rogers	White	....	....	.03	....	....	....	....	....	....	....	....	.02	.03	....	....	....	.10	.11	....	....	....	....	.01	.26	....	....	....	....	....	....	....	0.56
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Russellville	Arkansas	T.	T.	.10	T.	....	....	....	....	....	....	....	.17	.53	....	....	....	....	.36	....	....	....	....	....	.05	....	....	.06	T.	....	....	....	1.27
St. Charles	White	....	.25	.69	.71	....	....	....	....	....	T.	....	....	.68	....	....	....	....	.48	....	....	....	....	.65	.48	....	....	.50	....	....	....	....	4.44
St. Francis [2]	St. Francis	....	....	....	.43	....	....	....	....	....	....	....	....	.31	....	....	....	....	.36	T.	....	....	....	....	.48	.45	....	....	.10	....	....	....	2.13
Searcy [2]	White	....	....	....	.57	....	....	....	....	....	....	....	....	1.20	.06	....	....	....	....	....	....	....	....	....	.10	.22	....	....	.07	.02	....	....	2.24
Sheridan	Ouachita	....	.19	.57	.23	....	....	....	....	T.	....	....	.07	.84	....	....	....	....	.43	....	....	....	T.	.15	.24	....	....	.54	....	....	....	....	3.26
Shirley [2]	White	....	....	....	....	....	....	....	....	....	....	....	T.	.50	....	....	....	.25	....	....	....	....	....	T.	T.	....	....	....	....	....	....	....	0.75
Siloam Springs	White	.28	T.	T.	T.	....	....	....	....	....	....	....	.10	.03	....	....	....	.06	.13	....	....	....	....	.01	.03	T.	....	....	....	....	....	....	0.64
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	....	.78	.37	.05	....	....	....	....	T.	....	T.	.02	.39	....	....	....	T.	.33	T.	....	....	....	.10	.02	....	....	.91	....	....	T.	....	2.97
Stephens [2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	.35	....	....	....	....	.16	T.	....	....	1.00	....	T.	....	....	....
Steve [2]	Arkansas	....	.29	....	....	....	....	....	....	....	....	....	....	1.20	....	....	....	....	.35	....	....	....	....	.03	....	....	....	.13	....	....	....	....	2.00
Story [2]	Ouachita	....	.29	....	....	....	....	....	....	....	....	....	....	.99	....	....	....	....	2.08	....	....	....	....	T.	....	....	....	.13	....	....	....	....	3.49
Stuttgart [2]	Arkansas	....	.38	.42	.65	T.	....	....	....	....	....	....	....	.92	....	....	....	....	.30	T.	....	....	....	T.	.54	.13	T.	.73	....	....	....	....	4.07
Stuttgart Evap	Arkansas	....	.29	.34	.85	T.	....	....	....	....	....	....	....	.79	.02	....	....	....	....	.38	....	....	....	....	.10	.26	....	.40	....	....	....	....	3.43
Subiaco [2]	Arkansas	....	.11	.05	....	....	....	....	....	....	....	....	....	.28	.12	....	....	T.	.21	....	....	....	....	....	T.	....	....	....	....	....	....	....	0.77
Sugar Grove [2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	.30	.40	....	....	....	T.	....	....	....	....	....	....	T.	....	.24	....	....	....	....	0.94
Texarkana [3]	Red	.07	.41	.51	T.	....	....	....	....	....	....	T.	.45	.03	....	....	....	.30	.02	....	....	....	.02	.34	.04	....	.36	.74	....	....	T.	....	3.29
Tichnor [2]	White	....	....	1.00	.23	.51	....	....	....	....	....	....	....	.65	....	....	....	....	....	....	....	....	....	1.05	.65	....	....	....	.49	.52	....	....	5.10
Turnpike	Arkansas	.05	T.	....	....	....	....	....	....	....	....	....	.05	.58	....	....	....	T.	.53	....	....	....	....	.04	.22	....	....	04	....	....	....	....	1.51
Viola [2]	White	....	....	....	.03	....	....	....	....	....	....	....	....	.38	....	....	....	....	.20	T.	....	....	....	....	.04	.22	....	....	....	....	....	....	0.87
Waldron [2]	Arkansas	....	.08	....	....	....	....	....	....	....	....	....	....	.40	....	....	....	....	T.	....	....	....	....	....	....	....	....	.20	.15	....	....	....	0.83
Walnut Grove	White	....	....	.10	.38	....	....	....	....	....	....	....	T.	.75	....	....	....	....	50	....	....	....	....	T.	.65	T.	....	T.	....	....	....	T.	2.38
Warren	Ouachita	....	.16	.95	.31	....	....	....	....	.05	....	T.	T.	.40	....	....	....	....	.40	T.	....	....	....	.05	T.	....	....	.40	....	....	T.	....	2.72
Whitecliffs [2]	Red	....	....	.60	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	.45	....	....	....	....	.10	.17	....	....	.65	....	....	....	....	2.57
White Rock	Arkansas	.27	T.	T.	T.	....	....	....	....	....	....	....	.35	T.	....	....	....	.02	.24	....	....	....	.03	.05	.12	....	....	.08	....	....	....	....	1.16
Wilson [2]	Mississippi	....	....	T.	....	1.25	....	....	....	....	....	....	....	T.	....	....	....	....	.55	....	....	....	....	T.	....	....	....	....	....	*	1.23	....	3.03
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for December, 1945

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	39	42	34	36	37	38	48	58	42	28	26	28	31	30	28	21	28	30	14	23	32	33	38	42	32	38	36	40	39	38	40	34.6
	Wind move	43	37	18	239	123	50	70	67	209	149	65	63	101	86	49	127	41	78	119	67	95	70	100	70	25	205	50	10	60	190	230	2,906
Hope Exp. Farm	Evap.	.038	.027	.019	.032	.133	.005	.086	.083	.100	.111	.055	.055	.033	.022	.034	.052	*	.081	*	*	*	.127	-007	.006	.072	.022	.121	.039	.056	.012	.050	1.464
	Mean tem.	49	43	38	43	42	44	50	50	48	38	32	36	40	37	35	29	28	30	24	30	34	44	48	50	36	42	41	47	40	46	44	40.0
	Wind move	18	14	23	77	59	14	83	64	33	46	15	8	32	36	9	24	16	8	72	35	26	28	35	26	97	64	23	19	8	17	38	1.067
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	44	52	36	40	46	40	46	53	46	32	29	30	35	34	32	26	27	29	18	28	36	38	38	46	34	39	36	37	42	41	42	36.9
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Russellville	Evap.	.010	.028	.008	.064	.056	*	.074	.042	.068	.072	.054	.030	-006	.036	.038	.026	.064	.006	*	*	*	*	*	-020	.052	.016	.028	-004	.006	....	....	803
	Mean tem.	42	47	38	42	39	38	46	52	49	35	29	34	37	34	31	25	29	32	16	25	36	40	40	47	32	36	42	40	40	....	....	37.1
	Wind move	18	22	16	62	15	9	11	18	14	59	14	41	26	31	33	20	13	15	99	5	11	9	30	24	127	11	8	2	10	....	....	773
Stuttgart, Rice Exp. Farm	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean Tem	44	42	38	38	38	42	48	51	48	34	32	35	37	34	32	25	30	31	22	28	34	42	44	48	36	40	44	40	42	45	42	38.2
	Wind move	30	20	25	75	75	10	15	80	110	75	55	30	70	30	15	55	15	35	80	75	60	40	10	111	119	10	10	40	27	99	54	1,555

Daily Temperatures for December, 1945

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	53	51	46	46	57	54	67	68	64	56	37	37	38	39	39	40	42	37	32	44	44	50	50	52	58	54	49	55	58	52	50	49.0
	Minimum	30	41	32	30	28	26	37	34	44	23	22	27	30	28	22	9	22	21	9	9	18	30	29	33	23	25	33	28	29	28	32	26.8
Arkadelphia /	Maximum	62	51	40	51	58	62	70	74	54	45	39	41	44	38	45	43	40	36	32	43	48	58	55	63	47	57	55	56	46	55	57	50.5
	Minimum	37	37	40	36	28	25	25	30	33	25	23	29	33	31	26	12	14	25	14	15	16	20	35	37	27	24	25	35	36	39	33	27.9
Ashdown	Maximum	..	..	..	..	..	..	..	72	62	45	37	42	41	38	47	43	40	38	35	47	45	64	58	68	47	58	58	61	51	59	57	51.3
	Minimum	..	..	..	..	..	..	..	38	42	22	22	29	33	29	21	12	16	26	14	14	17	34	43	38	26	23	25	32	29	31	30	27.7
Batesville Air	Maximum	51	52	40	43	54	53	65	68	51	36	36	36	38	39	36	38	44	34	25	45	45	45	33	55	42	53	43	46	46	49	51	44.9
	Minimum	25	38	33	28	25	23	32	36	31	21	20	27	31	25	16	12	23	24	7	6	20	28	27	32	27	25	35	33	31	36	27	25.9
Batesville, Livestk /	Maximum	52	52	39	42	52	51	64	77	67	35	36	36	36	37	39	40	44	34	25	41	45	46	50	57	39	57	45	49	48	47	48	46.1
	Minimum	26	30	33	31	21	24	31	40	40	21	17	20	25	24	20	6	22	27	5	6	20	30	25	27	25	24	25	32	29	33	32	24.9
Bee Branch	Maximum	49	49	43	44	58	54	63	68	60	41	38	35	38	38	35	33	36	34	32	37	44	47	44	55	55	49	52	49	47	47	48	45.9
	Minimum	27	36	31	29	26	22	33	27	41	19	16	27	30	24	19	7	15	27	7	7	13	23	27	31	24	19	34	25	26	38	24	24.3
Benton /	Maximum	58	48	38	60	58	59	68	71	44	40	37	39	43	37	43	40	39	35	28	45	46	52	54	60	45	55	52	52	50	52	55	48.5
	Minimum	25	29	36	30	22	18	23	23	31	23	21	25	30	28	18	7	12	19	11	7	15	18	30	30	24	18	22	30	30	32	22	22.9
Bentonville /	Maximum	53	47	33	42	58	55	64	61	38	31	39	37	37	36	27	38	36	34	22	45	48	46	54	57	35	47	58	56	54	41	48	40.8
	Minimum	33	32	30	24	19	19	27	35	27	14	14	15	29	17	17	5	9	20	− 5	− 5	18	20	31	30	20	20	25	27	28	38	28	21.3
Bethesda /	Maximum	52	52	38	41	52	51	64	77	45	34	35	35	36	36	38	38	44	33	24	41	44	46	50	57	39	51	45	48	48	43	48	44.7
	Minimum	26	31	30	30	22	25	31	40	40	21	17	21	26	24	19	6	23	27	4	5	21	20	25	26	25	24	26	31	30	33	31	24.5
Bluff City	Maximum	..	..	..	..	..	..	68	71	63	63	39	40	43	42	45	40	39	39	36	42	48	59	58	67	62	62	56	56	50	57	56	52.0
	Minimum	..	..	..	..	..	..	38	44	30	26	27	31	34	32	26	14	21	31	17	16	25	42	38	42	26	28	41	37	27	39	31	30.5
Blytheville	Maximum	54	50	50	45	47	55	57	66	66	53	43	37	46	39	38	38	40	40	40	40	43	42	35	50	46	48	43	42	43	51	42	46.1
	Minimum	31	45	36	32	28	27	32	31	43	25	20	22	32	30	24	13	19	30	9	6	23	32	32	35	31	27	34	32	25	41	31	28.3
Booneville	Maximum	49	50	45	58	58	59	68	72	64	46	36	39	39	40	37	42	38	35	33	51	55	50	48	65	41	54	56	52	63	58	54	50.2
	Minimum	39	41	35	30	20	25	33	38	34	20	20	32	24	26	22	8	20	30	7	9	19	33	33	34	25	19	38	30	31	39	29	27.2
Brinkley	Maximum	54	51	45	41	50	58	65	66	54	40	36	43	41	37	40	36	40	36	34	38	44	47	49	56	41	53	50	42	45	50	50	46.2
	Minimum	28	44	31	31	27	24	34	34	34	26	24	29	33	31	21	13	16	30	14	13	20	37	32	36	28	24	36	36	34	38	28	28.6
Camden	Maximum	66	61	51	52	59	66	70	71	70	54	45	43	46	43	46	45	43	41	38	43	47	60	58	70	68	60	54	59	50	60	57	54.7
	Minimum	30	46	32	34	25	24	31	35	52	27	27	32	34	32	24	14	12	32	16	14	34	42	40	44	29	24	39	37	35	35	30	31.0
Camp Robinson	Maximum	54	53	46	53	54	58	65	69	58	44	37	40	42	39	42	39	40	35	33	44	45	50	49	60	52	52	53	50	48	51	51	48.6
	Minimum	31	42	32	31	27	24	36	34	34	22	23	28	31	26	20	12	22	29	10	11	26	28	27	34	26	21	36	33	33	35	25	27.4
Conway	Maximum	55	50	45	48	54	58	67	72	69	47	37	42	50	41	41	40	38	36	34	48	45	49	45	60	45	53	50	46	47	53	55	49.0
	Minimum	29	45	34	32	24	23	33	37	41	24	23	29	33	29	22	12	19	30	11	11	24	31	31	34	27	23	33	31	32	42	25	28.2
Corning	Maximum	51	51	44	39	53	56	65	68	62	42	37	36	37	37	35	37	40	37	32	42	42	36	34	49	49	46	38	41	42	43	42	44.0
	Minimum	27	43	32	32	23	22	29	34	40	20	19	19	29	28	18	10	18	30	2	5	8	16	26	33	29	26	30	32	32	39	29	25.2
Crossett	Maximum	64	53	53	43	53	64	67	68	57	50	39	45	50	40	46	42	49	43	42	42	52	58	63	66	60	59	47	47	55	59	57	52.7
	Minimum	29	43	33	32	24	22	32	32	48	29	29	30	38	36	23	14	17	33	22	10	18	42	50	50	34	23	35	33	37	39	26	31.1
Cummins Farm	Maximum	59	53	51	42	49	59	65	69	59	49	49	44	42	41	46	46	39	48	36	42	48	56	51	65	64	54	50	45	47	54	52	50.8
	Minimum	31	46	32	32	29	26	34	34	49	27	28	32	35	32	25	19	29	31	16	16	21	36	39	44	33	33	38	37	36	43	30	32.0
Dardanelle	Maximum	51	51	48	51	55	54	67	72	66	48	39	36	41	41	39	38	37	36	35	42	45	47	46	60	41	49	52	50	50	54	54	48.2
	Minimum	37	37	32	32	23	24	34	35	39	22	24	32	32	27	24	12	24	29	9	9	21	33	31	33	26	24	36	32	31	39	30	28.2
De Queen	Maximum	51	53	48	52	61	62	68	72	65	50	36	38	45	41	44	40	37	39	36	45	46	58	55	64	46	55	54	52	52	57	58	51.0
	Minimum	39	47	34	32	20	23	28	32	44	22	25	31	32	27	19	10	18	30	11	10	17	41	40	41	25	23	41	29	30	32	27	28.4
Des Arc	Maximum	55	52	50	42	52	59	65	70	60	57	36	42	42	41	40	37	40	51	34	41	44	49	46	58	58	49	50	50	43	50	51	48.8
	Minimum	27	41	31	30	26	27	33	39	45	24	23	26	31	29	20	12	19	29	12	14	21	35	29	32	26	24	32	34	33	40	29	28.2
Devils Knob	Maximum	42	48	39	39	57	47	58	61	56	30	32	29	32	30	25	32	31	31	29	36	43	43	39	52	33	50	51	52	46	45	46	41.4
	Minimum	36	38	27	21	30	40	36	36	29	11	16	23	25	18	9	5	22	22	− 4	10	25	34	30	30	17	22	35	36	38	31	25	24.9
Dumas	Maximum	60	53	54	42	50	60	64	71	58	52	38	46	43	41	43	38	41	40	38	42	43	55	54	63	61	61	53	50	50	58	54	50.8
	Minimum	29	46	32	31	28	25	35	37	48	28	25	32	36	33	24	16	18	32	18	16	20	41	40	46	32	26	30	36	38	44	30	31.4
El Dorado	Maximum	64	52	57	47	55	63	67	70	74	45	35	42	44	38	44	39	40	40	40	41	44	63	60	70	67	58	48	53	50	60	55	52.4
	Minimum	36	46	31	34	29	37	41	43	45	29	28	29	30	32	33	22	21	32	20	15	25	40	51	56	41	25	42	38	36	36	29	33.9
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	54	50	43	39	55	55	61	64	50	30	35	32	33	34	26	35	39	32	20	44	48	43	38	56	32	47	55	55	54	52	45	43.7
	Minimum	38	34	30	24	20	39	32	47	27	13	15	23	29	17	13	6	24	19	− 2	13	24	35	28	27	20	20	34	32	40	34	26	25.2
Fayetteville	Maximum	51	49	38	43	59	54	61	65	49	30	39	33	34	34	27	38	36	33	22	44	48	50	46	57	35	50	56	53	54	52	47	44.7
	Minimum	46	34	31	24	20	40	30	46	25	14	19	26	29	20	14	7	23	15	− 1	13	28	36	36	28	20	22	41	27	40	36	28	26.4
Fayetteville Exp. S	Maximum	56	48	41	43	59	55	62	65	55	29	40	33	34	33	29	38	35	33	22	43	48	49	49	56	35	52	58	55	53	48	47	45.3
	Minimum	42	32	29	23	16	36	25	40	25	11	14	23	28	16	15	5	19	20	− 1	9	23	34	32	26	19	19	35	25	31	34	27	23.6
Fordyce	Maximum	61	68	62	46	55	66	69	70	70	63	46	47	45	43	39	39	46	43	37	43	46	58	56	65	62	57	54	51	45	57	54	53.6
	Minimum	32	36	33	33	28	32	34	55	40	27	27	35	33	32	26	15	24	31	17	17	24	42	37	42	29	29	40	38	35	41	30	32.1
Fort Smith	Maximum	48	49	41	48	53	57	66	69	50	35	35	35	40	38	33	41	37	34	23	47	49	48	43	61	40	48	54	43	53	50	55	45.9
	Minimum	40	39	35	28	22	29	32	35	29	22	19	32	30	25	16	11	21	22	8	13	21	38	34	27	25	21	35	30	34	35	29	26.7
Gilbert /	Maximum	54	52	36	43	54	32	68	72	43	35	36	35	38	38	31	42	41	34	22	51	52	48	50	67	41	53	56	59	55	59	61	47.0
	Minimum	20	32	32	29	24	15	18	22	24	18	12	14	28	20	13	2	2	11	2	− 3	− 2	10	28	28	25	14	14	25	22	24	30	17.8
Grannis	Maximum	51	51	46	51	63	59	69	70	65	46	38	46	43	39	42	41	36	37	35	43	49	54	53	64	49	57	55	61	52	54	56	50.8
	Minimum	38	42	32	29	30	28	37	35	44	21	24	29	30	27	23	12	21	27	8	12	20	39	43	41	22	26	38	31	32	34	32	29.3
Gravette	Maximum	50	50	36	41	57	55	63	62	47	29	40	34	34	34	25	37	37	32	21	44	47	42	39	56	34	48	55	59	54	52	47	43.9
	Minimum	45	31	30	22	16	38	22	46	26	12	14	22	29	15	15	3	21	21	− 6	10	22	31	32	28	20	18	35	21	36	35	27	23.8
Green Mountain	Maximum	52	61	45	39	51	61	63	67	61	41	32	35	35	35	35	38	38	34	33	42	49	48	31	49	36	49	41	55	52	42	44	45.0
	Minimum	32	41	32	25	20	35	35	43	34	16	17	23	24	21	17	7	24	24	− 1	12	25	30	20	35	21	21	22	29	37	35	26	25.2
Harrison	Maximum	53	51	55	40	55	54	65	69	60	32	37	33	36	35	27	39	40	33	30	49	51	45	38	58	36	49	54	54	54	55	48	46.3
	Minimum	33	39	34	25	20	26	34	37	28	16	16	21	29	22	18	8	18	26	0	6	14	28	27	29	23	23	34	28	32	35	29	24.5
Helena	Maximum	56	60	51	37	45	57	58	66	59	50	34	45	43	39	38	34	42	37	36	40	48	52	53	55	53	50	48	46	46	50	47	47.6
	Minimum	33	44	30	30	26	29	32	40	49	27	25	26	33	31	21	13	20	30	15	13	21	42	38	50	29	25	37	33	35	42	31	30.6
Hope /	Maximum	65	51	40	51	60	65	79	72	64	50	39	44	46	43	46	45	40	34	34	43	49	60	57	61	45	60	57	58	49	57	57	52.3
	Minimum	33	35	38	35	25	22	24	28	32	25	25	28	33	31	24	13	17	25	15	16	18	28	39	38	28	25	25	36	32	36	30	27.7
Hot Springs	Maximum	55	52	47	50	59	55	68	68	65	52	35	38	40	39	41	41	38	37	35	43	46	53	50	59	58	57	50	50	49	53	54	49.6
	Minimum	35	45	33	32	26	35	41	43	45	23	24	28	31	29	23	13	25	29	9	17	23	36	32	35	23	29	38	30	28	41	32	30.1
Jonesboro	Maximum	51	51	47	39	49	55	60	67	58	44	35	38	37	38	35	35	40	34	33	38	43	41	33	50	49	46	42	42	42	50	43	44.0
	Minimum	30	44	34	32	26	24	33	34	34	23	22	22	30	28	22	12	22	29	7	12	17	26	27	32	29	26	34	33	32	40	30	27.3
Lead Hill	Maximum	52	50	40	41	55	54	65	64	50	34	39	34	38	35	29	41	44	34	29	50	49	39	36	60	40	45	55	50	55	56	49	45.5
	Minimum	29	38	34	28	16	18	24	27	24	17	13	17	29	20	11	5	11	28	2	− 3	11	9	29	30	23	23	28	28	27	36	26	21,2
Little Rock	Maximum	54	51	45	45	52	58	64	69	55	37	34	39	41	37	39	35	37	34	27	42	45	48	38	61	44	50	51	42	46	52	54	46.0
	Minimum	32	45	34	33	30	27	40	35	35	27	25	31	33	30	23	17	22	27	13	14	24	35	30	37	28	26	38	34	34	38	31	29.9
Lutherville	Maximum	53	52	50	49	54	52	62	70	67	53	41	33	38	38	35	37	35	35	34	40	48	47	45	57	47	50	53	46	46	50	49	47.3
	Minimum	36	38	33	29	24	39	31	39	42	18	19	28	30	23	20	7	20	27	5	9	18	35	34	34	9	22	36	35	31	31	29	26.8
Magnolia	Maximum	65	60	55	50	58	68	69	73	68	53	40	41	43	44	46	45	46	39	33	44	52	62	61	70	64	59	57	56	51	60	56	54.5
	Minimum	36	50	37	35	26	29	35	43	51	27	30	33	35	33	18	22	22	26	19	16	31	35	47	57	39	36	43	38	35	43	30	34.1
Mammoth Spring	Maximum	55	50	47	43	50	60	67	65	44	38	35	34	38	38	33	35	42	35	30	47	44	39	35	52	50	45	40	47	44	46	40	44.1
	Minimum	24	40	38	30	22	19	25	19	20	18	14	18	29	23	16	8	12	27	3	−12	7	16	27	30	27	23	30	34	30	38	30	22.1
Marianna /	Maximum	51	45	42	48	56	62	65	54	51	36	45	40	36	38	36	41	37	33	39	45	48	53	54	52	52	50	42	47	47	50	48	46.5
	Minimum	32	35	37	32	29	26	32	39	39	29	25	26	30	32	24	15	21	28	17	11	21	31	36	36	29	25	30	34	34	36	46	29.6
Marked Tree /	Maximum	52	51	39	38	48	53	60	65	52	35	36	40	39	33	37	36	38	35	22	39	41	43	49	50	38	49	45	41	46	50	45	43.4
	Minimum	28	28	38	31	27	25	27	34	37	25	22	28	28	28	22	12	13	19	10	10	15	17	30	30	28	25	26	35	34	34	30	25.7
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mena	Maximum	48	50	43	48	65	56	69	69	58	41	37	35	38	37	36	46	37	34	31	42	47	48	50	48	42	57	55	57	55	50	54	47.8
	Minimum	37	41	31	27	27	35	35	43	40	19	22	28	31	25	22	9	22	28	6	13	23	38	36	37	21	24	37	34	37	38	33	29.0
Monticello	Maximum	58	56	45	42	46	64	68	69	59	50	36	42	44	41	44	40	42	40	38	44	50	60	59	65	63	58	58	48	50	60	..	49.6
	Minimum	34	42	32	32	29	28	36	41	49	29	29	31	37	31	25	15	21	33	15	15	22	45	44	54	37	21	43	38	36	36	..	31.6
Morrilton /	Maximum	51	49	42	49	53	55	65	69	50	38	37	48	42	42	38	39	37	35	24	42	48	47	47	59	40	51	50	43	51	52	52	46.6
	Minimum	24	24	24	24	24	23	23	23	23	23	22	22	32	29	29	12	13	25	10	10	17	23	30	30	26	26	28	28	33	33	30	24.0
Mountain Home	Maximum	52	52	43	42	54	53	64	72	57	35	38	40	38	38	33	35	40	37	35	52	51	41	39	59	37	47	49	48	53	53	49	46.3
	Minimum	30	39	34	27	17	22	31	32	29	17	15	15	29	22	15	8	18	27	0	1	14	27	26	31	25	22	33	33	27	36	29	23.6
Mt. Ida	Maximum	55	50	46	49	61	62	71	70	53	43	52	44	40	38	41	43	38	39	35	42	50	52	50	55	65	59	46	57	48	47	54	50.2
	Minimum	32	41	33	32	17	18	29	28	34	20	30	32	32	29	19	5	12	30	10	6	19	29	34	28	24	18	29	24	27	33	28	25.2
Nashville	Maximum	60	54	53	54	59	63	69	73	61	49	39	40	46	43	44	41	37	39	40	45	49	59	55	65	50	57	55	59	54	56	58	52.5
	Minimum	38	50	37	35	22	25	36	32	44	23	25	31	31	30	22	13	18	30	14	15	18	34	38	41	27	24	38	32	31	36	29	29.7

Daily Temperatures for December, 1945 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	54	54	45	43	54	56	65	65	51	37	37	40	40	39	39	39	43	35	33	42	42	47	37	55	54	52	43	46	44	51	50	46.2
	Minimum	27	45	38	34	26	26	33	35	44	26	23	29	32	30	23	11	21	30	11	9	21	27	30	33	30	26	36	36	34	42	33	29.1
Nimrod Dam /	Maximum	55	47	39	49	60	55	65	70	53	39	39	38	39	40	40	44	38	34	26	47	50	53	44	61	42	56	51	49	56	52	52	47.8
	Minimum	32	38	33	32	33	24	26	36	40	24	21	22	31	29	25	9	16	24	9	10	22	23	32	32	25	22	22	25	29	30	31	26.0
Oden	Maximum	52	50	42	48	65	62	73	72	55	40	40	39	42	41	41	47	40	37	31	50	55	55	48	47	47	62	51	58	62	56	54	50.4
	Minimum	35	42	34	32	26	25	40	40	40	23	25	32	34	31	26	8	18	24	10	13	20	37	38	42	26	25	37	34	31	41	35	29.8
Okay	Maximum	63	56	51	54	63	64	71	74	71	68	42	39	47	47	47	45	41	40	39	44	51	60	69	68	62	65	59	60	58	60	60	56.1
	Minimum	36	39	37	35	21	22	31	42	25	26	26	22	33	29	19	13	18	31	15	13	19	43	37	42	23	28	41	31	30	29	28	28.5
Ozark	Maximum	48	51	48	53	53	56	61	69	51	40	35	35	43	40	35	38	37	37	31	43	40	48	48	57	41	50	55	50	52	51	51	46.7
	Minimum	41	42	35	30	21	26	28	35	36	20	20	30	31	23	21	10	31	29	7	9	16	21	35	34	20	20	38	31	33	38	29	27.1
Paragould	Maximum	49	48	48	38	48	52	58	64	57	46	34	37	37	37	35	32	40	35	35	35	38	38	34	48	49	44	39	46	41	50	43	43.1
	Minimum	29	42	35	32	26	23	33	30	45	24	21	20	31	29	22	13	18	30	8	4	10	22	27	32	29	27	32	36	33	41	30	26.9
Perryville	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	27	29	32	31	30	29	31	30	32	24	20	26	22	31	18	18	19	18	10	11	16	23	22	23	26	20	24	28	26	29	27	24.3
Pine Bluff	Maximum	60	54	52	43	53	64	67	72	67	47	38	43	43	43	43	39	43	37	36	44	50	55	50	69	51	54	51	48	48	53	53	50.6
	Minimum	33	48	33	33	30	28	36	41	40	29	28	33	35	34	26	17	23	31	16	17	24	44	35	45	29	27	42	37	37	44	30	32.4
Pocahontas	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	27	42	33	31	24	22	31	32	39	21	18	18	30	26	19	9	16	28	5	..	8	18	26	30	28	22	31	33	32	39	30	25.6
Portland	Maximum	63	52	52	40	53	62	66	69	60	50	46	46	51	44	47	38	45	41	40	41	51	58	61	66	55	57	48	46	47	58	57	51.9
	Minimum	32	44	42	32	27	25	36	35	48	30	29	32	39	35	25	18	20	32	21	17	21	44	48	54	35	28	39	37	38	45	29	33.5
Prescott	Maximum	65	55	49	50	59	65	69	72	65	52	40	40	45	44	47	41	40	37	38	43	47	60	58	66	62	58	55	57	52	57	57	53.1
	Minimum	35	48	35	36	28	28	37	46	51	26	28	31	34	31	26	15	21	31	17	16	23	41	37	41	28	27	42	37	35	37	31	32.2
Rogers	Maximum	53	48	40	42	59	53	64	67	41	30	39	33	34	35	26	38	35	33	22	43	49	45	40	57	35	49	59	57	59	49	49	44.6
	Minimum	42	30	30	23	19	31	28	39	26	12	13	23	29	16	12	5	19	19	-6	9	20	35	31	30	20	20	35	28	36	37	28	23.8
Russellville	Maximum	50	50	44	52	55	54	65	71	63	47	37	36	42	41	38	38	37	36	22	41	54	48	47	60	42	50	53	49	48	..	..	47.2
	Minimum	35	44	33	33	23	23	32	33	35	23	21	31	32	27	24	12	21	29	9	9	18	32	32	34	21	23	31	31	31	..	..	27.0
St. Charles	Maximum	57	55	55	41	52	51	63	70	65	54	39	46	45	43	40	38	44	39	38	41	49	55	52	58	59	55	50	50	46	51	50	50.0
	Minimum	29	43	30	30	26	23	35	33	48	26	23	28	32	31	21	14	16	29	15	13	19	40	35	40	27	23	32	34	33	40	30	29.0
Searcy	Maximum	55	52	49	45	54	66	69	70	57	46	38	42	42	40	41	40	41	38	30	45	44	50	43	59	49	54	47	46	43	52	51	48.3
	Minimum	27	45	37	33	26	23	34	30	45	24	22	29	32	29	22	13	20	29	10	13	19	30	29	32	27	23	34	33	32	41	30	28.2
Sheridan	Maximum	60	59	49	46	55	61	68	70	65	49	36	39	42	40	43	40	40	35	34	42	45	52	48	61	45	56	52	48	48	52	54	49.5
	Minimum	27	44	30	30	26	28	30	37	44	24	21	29	31	23	21	9	12	28	11	11	19	33	30	32	29	22	33	34	32	41	26	27.3
Siloam Springs	Maximum	52	48	41	41	59	55	63	64	50	28	39	32	34	34	29	38	36	33	23	45	49	47	43	56	35	50	59	56	56	54	50	45.1
	Minimum	44	32	31	24	19	36	25	46	28	15	16	25	30	18	17	6	20	16	-1	10	26	30	35	30	20	17	37	24	35	36	28	25.0
Stuttgart	Maximum	57	52	50	43	50	59	64	69	58	45	37	43	42	41	42	39	41	37	35	44	47	52	48	60	58	50	51	47	45	52	53	48.7
	Minimum	32	46	32	32	26	28	36	38	45	27	26	31	34	32	24	17	20	31	15	16	23	40	34	38	28	26	36	37	36	41	30	30.9
Stuttgart Evap	Maximum	56	51	39	42	50	57	63	67	55	39	36	43	42	35	40	33	40	38	26	41	46	52	52	61	42	53	52	42	50	53	51	46.6
	Minimum	32	34	37	33	27	27	32	35	40	28	27	27	32	32	25	17	21	24	17	16	22	31	35	36	31	26	36	37	35	37	31	29.7
Sublaco	Maximum	48	48	44	46	52	54	60	69	61	40	35	34	40	38	34	35	35	33	33	38	46	49	45	60	35	48	51	46	52	50	51	45.5
	Minimum	35	41	33	30	25	25	36	35	39	20	20	28	30	24	22	11	23	27	5	9	17	35	31	32	23	25	34	30	32	37	30	27.2
Texarkana	Maximum	63	54	45	52	60	66	67	72	57	42	35	39	44	37	45	43	40	38	32	42	49	60	58	68	45	59	55	58	51	58	56	51.3
	Minimum	39	45	38	33	25	34	40	43	37	25	29	34	36	30	23	18	26	27	15	18	26	46	44	40	27	30	44	36	38	40	35	32.9
Turnpike	Maximum	46	49	41	50	60	52	61	65	54	32	32	29	31	30	25	32	31	31	29	38	46	44	42	53	35	50	51	52	52	44	46	43.0
	Minimum	34	36	24	20	25	33	36	40	28	11	16	23	23	18	9	5	22	22	4	6	20	31	25	29	16	22	35	36	29	29	22	23.5
Waldron	Maximum	50	48	44	45	61	58	68	70	61	44	39	35	39	38	35	45	38	37	34	49	53	52	48	66	42	58	53	55	62	50	55	49.4
	Minimum	36	40	34	29	17	21	27	39	29	21	18	28	29	26	19	8	17	30	8	9	20	26	35	36	23	20	37	31	28	36	34	26.2
Warren	Maximum	64	58	55	45	45	65	65	71	68	52	56	52	47	44	44	41	44	40	38	45	49	61	57	67	67	64	54	52	51	60	61	54.3
	Minimum	31	46	33	34	28	25	38	38	48	29	28	31	37	34	24	16	19	33	19	16	23	33	45	33	32	26	42	39	37	45	44	32.5
White Rock	Maximum	43	48	40	44	58	50	58	61	52	36	29	28	31	31	27	33	30	31	26	38	45	46	42	51	35	51	54	53	50	47	45	42.4
	Minimum	37	33	25	19	30	37	38	43	29	10	16	21	23	18	10	10	20	22	-4	6	23	34	32	26	15	24	33	34	35	30	28	24.4
Wilson	Maximum	62	58	52	46	47	55	57	61	61	53	48	41	41	40	37	29	42	42	39	42	40	34	34	53	44	50	49	42	46	45	43	46.2
	Minimum	27	30	27	26	26	28	29	33	40	23	18	20	29	26	21	10	17	23	8	12	14	25	28	32	28	26	34	32	33	34	26	25.3
Wynne /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily River Stages for December, 1945

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.6	4.7	4.7	4.6	4.5	4.2	4.5	4.6	4.4	4.4	4.5	4.5	4.1	4.4	4.2	4.2	4.4	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.0	3.9	3.7	4.2	4.2
Van Buren	do	22	5.2	5.1	5.2	5.2	5.1	4.9	5.0	5.0	5.0	5.0	5.0	5.0	4.7	4.9	4.8	4.8	5.0	4.9	4.9	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.5	4.5	4.4	4.7	4.9
Danville	Petit Jean	20	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.4	4.0	3.9	3.7	3.3	3.5	3.5	3.5	3.6	3.5	3.6	3.6	3.7	3.6	3.6	3.5	3.5	3.6	3.7
Ozark	Arkansas	22	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.3
Dardanelle	do.	22	3.2	3.3	3.3	3.1	3.2	3.0	2.9	2.8	3.0	2.9	2.9	2.8	2.8	2.8	2.7	2.8	2.9	2.8	2.2	2.7	2.5	2.2	2.4	2.6	2.7	2.6	2.8	2.7	2.5	2.5	2.5
Morrilton	do.	20	-1.4	-1.5	-1.6	-1.6	-1.7	-1.8	-1.8	-2.2	-2.0	-1.9	-2.0	-2.0	-1.1	-2.1	-2.0	-2.2	-1.9	-1.9	-2.0	-2.2	-2.2	-2.4	-2.4	-2.4	-2.4	-2.3	-2.2	-2.3	-2.2	-2.3	-2.4
Little Rock	do.	23	3.0	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.3	2.3	2.2	2.2	2.3	2.4	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.2	2.1	2.0	2.1	2.2	2.2	2.2	2.2	2.1	2.0
Pine Bluff	do.	25	4.7	4.6	4.4	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.5	3.4	3.3	3.6	3.8	3.8	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.3	3.2	3.2	3.5	3.6	3.5	3.3	3.3
Gilbert	Buffalo	30	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.3	4.4
Black Rock	Black	14	4.0	3.9	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.4	3.5	3.4	3.5	3.4	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	3.2	4.1	4.3	4.3	4.2	4.2	4.2
OzarkBeachMo	White	30	1.4	-0.5	1.2	1.3	1.2	-0.5	-0.6	-0.6	-0.6	0.3	-0.6	-0.6	-0.6	-0.5	-0.6	-0.6	1.1	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.1	-0.6	-0.6
Cotter	do	21	2.5	2.9	2.4	2.2	2.2	2.3	2.1	2.1	2.0	2.0	2.0	1.9	1.8	1.9	1.9	2.1	2.0	1.8	1.9	2.0	1.9	1.9	2.0	2.1	2.0	1.9	1.8	1.8	2.4	2.0	1.9
Calico Rock	do	18	2.4	2.1	2.6	2.9	2.7	2.5	2.7	2.6	2.4	2.0	2.3	2.2	2.2	2.3	2.3	2.4	2.0	2.2	2.0	2.2	2.0	2.4	2.6	2.2	2.5	2.0	2.1	2.1	2.4	2.2	2.2
Batesville	do	23	7.8	7.4	7.2	7.1	7.8	7.9	7.7	7.6	7.4	7.2	6.8	7.2	7.3	7.2	7.1	7.1	7.1	6.8	6.8	7.1	7.0	7.3	7.2	7.2	7.2	7.4	6.7	6.9	7.0	7.3	7.0
Newport	do	26	4.0	4.1	3.6	3.3	3.8	3.9	4.0	3.9	3.7	3.6	3.1	3.1	3.4	3.5	3.5	3.4	3.3	3.0	3.0	3.2	3.1	3.0	3.0	3.1	3.4	4.1	3.8	3.8	3.8	3.8	4.0
Augusta	do.	32	16.3	16.5	16.4	16.4	16.3	16.1	16.3	16.2	16.2	16.0	15.8	15.3	15.4	15.6	15.8	15.8	15.8	15.7	15.3	15.2	15.1	15.3	15.2	15.2	15.3	15.8	16.4	16.3	16.3	16.3	16.3
Sugar Loaf Mt.	Little Red.	..	5.2	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.3	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.5	4.5	4.4	4.5	4.7	5.1	5.8	5.7	5.5	5.4	5.3
Georgetown	White	21	7.4	7.3	7.1	6.9	6.8	6.8	6.8	6.8	6.7	6.5	6.3	6.2	6.0	5.8	6.6	6.5	6.4	6.4	6.4	6.2	6.0	5.9	5.8	5.8	6.0	6.5	7.0	7.3	7.4	7.6	7.3
Des Arc	do	24	10.4	10.1	10.0	10.0	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.1	8.9	8.8	8.8	8.8	9.3	9.4	9.4	9.2	9.2	8.9	8.6	8.5	8.2	9.0	9.9	10.0	10.1	10.0
Clarendon	do	26	17.9	17.4	17.0	17.0	17.0	16.8	16.5	16.2	15.9	15.7	15.4	15.0	14.8	14.7	14.8	14.9	15.0	15.0	15.0	14.9	14.8	14.6	14.5	14.5	14.7	15.0	15.3	15.8	16.2	16.3	16.2
St. Charles	do	25	18.3	17.8	17.3	17.1	17.1	16.9	16.6	16.2	16.0	15.8	15.4	15.1	14.8	14.6	14.5	14.5	14.5	14.6	14.6	14.5	14.4	14.3	14.2	14.2	14.4	14.6	14.8	15.2	15.5	15.7	15.7
Glenwood	Caddo	..	5.5	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.8	5.7	5.8	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.5	5.6	5.8	5.8	5.7	5.7
Arkadelphia	Ouachita	17	7.3	7.4	5.0	6.9	6.6	7.0	6.2	6.4	5.4	4.5	5.0	6.5	6.2	6.9	6.7	4.7	4.6	5.4	7.2	5.9	5.2	5.9	5.4	5.0	4.8	4.7	5.3	7.9	7.7	6.8	5.5
Boughton	Little Mo.	20	5.8	5.7	5.7	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.2	5.6	5.8	5.9	5.8	5.7	5.9	5.8	6.4	6.2	5.7	5.6	5.6	6.2	6.4	7.0	7.0	6.8	6.5
Camden	Ouachita	26	10.9	10.6	10.8	10.9	11.4	12.3	12.8	12.4	11.1	10.0	8.8	7.5	7.9	8.5	9.5	10.0	9.6	8.4	7.9	9.4	10.6	10.2	9.7	9.8	10.3	11.0	11.0	11.8	14.8	16.3	16.4
Benton	Saline	20	6.4	6.3	6.1	6.1	6.0	5.9	5.8	5.8	5.6	5.5	5.4	5.3	5.4	6.6	6.5	6.4	6.4	6.3	6.4	6.4	6.2	6.1	6.0	6.1	6.2	6.2	6.3	6.2	6.1	6.1	6.0
Index	Red	25	7.6	7.5	6.5	6.4	6.4	6.4	6.1	6.1	6.0	6.0	6.0	6.0	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.6	5.6	5.6	5.6	6.5	7.2	7.1	7.0	6.9	6.9	6.8
Fulton	do	25	8.6	8.4	8.2	8.2	8.1	8.6	7.8	7.8	7.6	7.4	7.3	7.2	7.1	7.0	7.8	8.1	9.4	9.6	10.6	10.4	10.4	....	....	....	....	....	9.8	9.6	9.8	9.9	8.5
St. Francis	do	18	10.3	9.8	9.5	9.3	9.1	9.1	9.6	8.9	8.7	8.4	8.2	8.1	7.9	7.7	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.6	6.6	6.5	9.4	9.9	10.7	10.0	9.5	9.4	9.3
St. Francis L.L.	do	..	21.2	21.1	21.1	21.1	21.1	21.1	21.0	21.0	20.9	20.8	20.7	20.6	20.7	20.6	20.6	20.5	20.4	20.4	20.3	20.3	20.2	20.2	20.0	19.9	20.0	20.0	20.0	20.1	20.3	20.5	20.6
Marked Tree	do	17	8.2	8.1	8.1	8.2	8.2	8.1	8.1	8.1	8.1	8.0	8.0	7.9	7.9	7.9	8.0	8.0	8.0	8.0	7.9	7.8	7.7	7.7	7.7	7.7	8.0	8.3	8.3	8.4	8.3	8.3	8.1
Parkin	do	28	10.4	10.2	10.0	10.1	10.5	10.7	10.7	10.3	10.0	9.8	9.5	9.3	9.3	9.6	10.1	10.0	9.8	9.5	9.3	9.0	8.8	8.6	8.5	8.4	10.3	11.2	11.2	11.0	10.7	10.3	10.0
Madison	do	32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Mississippi	44	23.6	23.5	23.0	22.4	21.5	20.3	19.3	18.3	17.9	18.1	18.9	19.8	20.3	20.3	20.2	20.4	20.2	19.6	19.7	20.5	20.7	20.3	19.4	18.2	16.7	15.2	13.8	13.7	14.2	15.2	16.8
Arkansas City	do	42	20.2	20.4	20.5	20.2	19.5	18.7	18.0	17.4	16.6	15.9	15.9	16.6	17.2	17.5	17.7	17.6	17.4	17.5	17.1	16.8	17.4	17.8	17.5	16.8	16.0	15.0	13.4	12.6	12.1	12.5	13.4

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ᵃ, ᵇ, ᶜ, etc., number days missing, example, ᵇindicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould: Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana; Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill: Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O...Fort Worth, Texas—2-8-1946—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. L LITTLE ROCK, ARK., YEAR, 1945 No. 13

PRICE:—25 cents per year (not stamps). Remit to Superintendent of Documents Washington, D.C.

GENERAL SUMMARY

The annual temperature in Arkansas for 1945 was 60.8°, a deficiency of 0.6° from the average of 55 preceding years. It was the coolest year since 1940 and the second coolest since 1929. Considering individual stations, annual means ranged from 64.8° at Warren to 56.0° at Turnpike. Only February, March, April, and November were warmer than normal The period from May to October averaged about 2° below normal. The summer of 1945 was comfortably cool, and temperatures of 100° or higher were of infrequent occurrence. In so far as temperatures are concerned, March and December were the outstanding months of the year. March temperatures averaged more than 6° above normal, and most days were pleasantly warm. December was the coldest and most wintry month of the year and one of the coldest Decembers on record. The highest temperature reported in the State during the year was 106° at Camden on July 23d, and the lowest was −12° at Mammoth Spring on December 20th.

Precipitation was much above normal in Arkansas during the year. The average for the State as a whole was 67.56 inches, an excess over normal of 19.15 inches. It was the wettest year on record for the State as a whole, and for many individual stations. March was the wettest month with an average of 11.12 inches. Other wet months were June with 9.26 inches, February with 7.86 inches, April with 7.44 inches, and September with 7.85 inches. The December total of 2.25 inches was the least for any month of the year. The largest annual total reported by any station was 89.15 inches at Jessieville. Other stations reporting more than 80 inches during the year were Devils Knob, Eagle Gap, Mena, Mount Ida, Odell, Pine Ridge, Turnpike, and White Rock. The largest monthly total reported by any station was 18.97 inches at Pine Ridge in March. The heaviest rain reported in any 24 consecutive hours was 7.71 inches at Hope on June 11th and 12th.

A severe ice storm over most of the State on January 26th and 27th disrupted highway traffic for several days, broke many tree limbs, and crippled telephone, telegraph and power service. On April 12th a tornado killed 22 people and felled much timber in Logan, Johnson, and Madison counties. On May 1st a hailstorm caused much damage to crops and orchards in Howard, Hempstead, and Pike counties.

The weather was rather unfavorable for agriculture during the year. Excessively heavy rain in the spring delayed plowing and planting, and floods necessitated considerable replanting of crops. Cool weather during the spring and summer months retarded germination and growth, and too much rain in September delayed the maturing and harvesting of crops.

B.N.W.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip.01 or more	Clear	Partly cloudy	Cloudy
1891	60.5	108	6	44.49	....	94	180	94	91
1892	60.0	106	−14	57.75	8.7	98	159	98	109
1893	60.7	103	−13	47.91	6.4	75	185	95	85
1894	61.3	108	−22	49.05	5.9	75	176	97	92
1895	59.8	105	−17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	− 2	46.13	3.9	76	178	96	91
1898	61.4	108	− 4	56.82	3.0	89	158	106	101
1899	60.6	112	−25	41.49	6.6	76	170	105	90
1900	62.0	108	− 5	49.03	2.2	92	150	120	95
1901	61.1	116	− 6	35.27	2.9	65	175	111	79
1902	60.5	108	− 2	51.70	8.3	81	150	121	94
1903	59.3	105	−12	44.62	4.8	84	162	107	96
1904	60.5	105	− 5	43.45	2.9	78	169	112	85
1905	59.6	106	−29	62.17	12.1	103	146	107	112
1906	60.3	101	− 7	55.99	4.3	95	156	96	113
1907	61.9	113	− 8	49.78	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	−19	44.05	6.5	83	176	93	96
1910	61.0	105	−13	45.21	11.0	84	172	109	84
1911	62.8	107	− 9	49.54	1.7	95	152	117	96
1912	59.8	106	−16	45.83	7.8	81	171	110	85
1913	61.6	108	− 1	54.01	5.6	89	158	107	100
1914	61.4	110	−11	42.85	8.6	82	149	109	107
1915	60.6	107	− 3	53.08	4.7	82	163	81	121
1916	61.9	107	−16	42.18	6.3	75	191	76	99
1917	59.2	106	−21	40.72	12.1	75	187	74	104
1918	61.4	115	−23	44.64	18.3	75	174	76	115
1919	61.6	113	−10	54.52	3.4	91	166	75	124
1920	60.7	105	− 2	54.28	2.5	90	174	74	118
1921	64.2	107	− 3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	− 8	37.03	7.9	74	193	68	105
1925	63.0	113	− 6	42.19	2.2	74	184	81	100
1926	61.3	110	−17	49.24	6.0	88	175	79	111
1927	63.1	105	− 2	65.85	2.4	99	161	85	119
1928	61.1	105	−10	50.50	0.9	86	183	76	107
1929	60.5	110	−20	46.10	13.9	98	162	83	120
1930	61.7	115	−28	46.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	− 5	51.11	4.4	95	175	85	106
1933	63.2	109	−13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	−11	57.01	3.7	93	154	90	121
1936	62.0	120	−15	34.75	6.1	71	188	85	93
1937	61.1	111	0	55.20	1.9	102	154	90	121
1938	63.6	109	4	48.25	0.3	81	176	95	94
1939	62.7	112	4	50.16	5.1	89	179	89	97
1940	59.3	104	−14	44.85	9.8	97	165	85	116
1941	61.9	107	5	46.28	4.2	96	146	109	110
1942	61.0	106	−21	49.71	8.3	94	153	101	111
1943	61.6	113	− 9	35.01	2.5	70	171	100	94
1944	61.7	108	−15	55.12	9.6	95	157	97	112
1945	60.8	106	−12	67.56	4.9	107	142	96	127
Period	61.4	120	−29	48.41	5.6	86	168	93	104

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1945

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	40.2	− 1.0	80	7	2.37	−1.87	7.50	1.8	8	12	6	13	nw.
February	44.1	+ 0.4	88	12	7.86	+4.35	11.40	1.0	11	7	5	16	ne.
March	58.9	+ 6.3	92	16	11.12	+6.35	18.97	T.	13	11	6	14	s.
April	62.6	+ 1.1	89	23	7.44	+2.43	16.84	T.	13	8	11	11	s.
May	66.2	− 2.9	99	32	5.23	+0.26	8.76	0.0	8	13	9	9	s.
June	75.2	− 2.0	98	43	9.26	+5.13	16.42	0.0	11	9	11	10	s.
July	78.1	− 2.4	106	45	3.94	+0.23	9.54	0.0	6	15	10	6	s.
August	78.9	− 1.2	104	48	3.16	−0.42	10.53	0.0	6	15	10	6	sw.
September	74.0	− 0.3	104	39	7.85	+4.48	14.29	0.0	10	13	8	9	s.
October	60.8	− 2.0	89	29	3.11	−0.06	10.35	0.0	6	15	7	9	s.
November	53.5	+ 2.2	88	14	3.97	+0.24	11.47	T.	8	14	7	9	s.
December	37.7	− 5.0	79	−12	2.25	−1.98	4.97	2.1	7	10	6	15	nw.
Annual	60.8	− 0.6	106	−12	67.56	+19.15	18.97	4.9	107	142	96	127	s.

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Climatological Data for Year, 1945

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Alum Fork †	Saline	755	9	60.2	99	July 24	9	Dec. 16†	9	70.79	11.38	Mar.	1 81	Dec.	4.0	121	83	164	118	w.
Arkadelphia	Clark	200	8	61.2	101	July 25	12	Dec. 16	50	74.99	12.56	June	3.04	Oct.	1.0	127	127	88	150	s.
Arkansas City	Desha	145	...	...	...	...	...	...	61	68.46	12.51	Mar.	3 05	Aug.	0.0	114	173	39	153	...
Ashdown	Little River	329	1	...	98	July 23†	12	Dec. 16	1	...	...	...	...	...	...	...	...	...	...	...
Batesville Airway	Independence	363	9	58.9	104	July 24	6	Dec. 20	9	68.63	12.59	Apr.	1.30	Oct.	6.2	124	127	120	118	nw.
Batesville Livestock	Independence	571	5	58.8	101	July 23†	5	Dec. 19	5	68.73	11.00	Mar.	1.83	Dec.	7.5	89	156	117	92	sw.
Batesville River	Independence	277	...	...	...	...	...	...	46	60.66	9.79	Mar.	1.88	Oct.	5.0	107	137	72	156	...
Bee Branch	Van Buren	650	52	59 8	99	July 24†	7	Dec. 16†	53	68.58	12.67	Mar.	1.73	Dec.	5.2	89	132	130	103	n.
Benton	Saline	285	9	58.7	98	July 25†	7	Dec. 16†	10	73.27	10.72	June	2.09	Dec.	2.6	118	224	65	76	sw.
Bentonville	Benton	1295	40	56.3	99	Sept. 1	− 5	Dec. 19†	40	68.67	11.47	Mar.	0.34	Nov.	13 2	105	121	153	91	sw.
Bethesda †	Independence	483	6	58.0	100	July 23†	4	Dec. 19	6	68 59	12.07	June	1.38	Dec.	8.5	85	149	110	106	nw.
Big Lake Outlet †	Mississippi	239	...	...	...	...	...	...	15	...	...	...	...	...	...	...	...	...	...	...
Black Rock	Lawrence	259	...	...	...	...	...	...	44	63.97	11.79	June	1.63	Oct.	2.4	105	114	94	157	...
Bluff City	Nevada	284	4	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...
Blytheville	Mississippi	252	20	60.0	99[c]	July 23†	6	Dec. 20	20	58.81	7.54	Mar.	2.49	Aug.	7.4	107	182	90	93	s.
Booneville	Logan	465	30	61.7	103	July 25	7	Dec. 19	31	...	12 92	Mar.	0.75	Dec.	4.0	112	143	117	105	e.
Boughton †	Nevada	235	...	...	...	...	...	...	10	61.69	11.03	Mar.	2.27	Dec.	0.0	71	126	61	178	...
Brinkley	Monroe	198	58	60.9	103	July 25	13	Dec. 20	58	61.85	9.72	Nov.	0 60	Aug.	11.0	122	109	85	171	s.
Calico Rock	Izard	361	...	...	...	...	...	...	41	75.92	16.42	June	1.08	July	8.3	114	97	57	211	...
Camden	Ouachita	116	54	64.5	106	July 23	12	Dec. 17	60	71.70	10.11	Apr.	3.12	Sept.	0.0	115	105	137	123	se.
Camp Chaffee	Sebastian	419	1	61.3	101	July 25	8	Dec. 19	1	68.51	14.51	June	0.48	Dec.	8.4	107	121	91	153	e.
Camp Robinson	Pulaski	450	4	60.8	100	July 23	10	Dec. 19	4	64.22	8.19	Sept.	1.90	Oct.	2.7	124	66	195	104	se.
Clarendon	Monroe	172	...	...	...	...	...	...	41	68.27	9.93	Nov.	3.20	Aug.	3.0	127	139	59	167	sw.
Conway	Faulkner	309	49	62.2	100	July 23†	11	Dec. 19†	62	70.43	11.18	Mar.	0.85	Dec.	6.6	114	158	126	81	s.
Corning	Clay	293	45	59 4	101	July 25	2	Dec. 19	52	72.64	13.64	June	1.40	Oct.	8.0	95	160	66	139	s.
Cotter	Baxter	440	...	...	...	...	...	...	18	64.32	11.00	Apr.	0.64	Aug.	11.0	90	165	86	114	...
Crossett	Ashley	175	22	63.9	99	Aug. 3	10	Dec. 20	33	62.31	8.26	July	3.14	May	T	100	159	91	115	s.
Cummins Farm	Lincoln	176	1	62.9	101	Aug. 4	16	Dec. 19†	1	64.96	10.41	Mar.	2.65	Jan.	0.0	83	185	100	80	s.
Danville	Yell	327	...	...	...	...	...	...	29	71.89	18.09	Mar.	1.23	Dec.	3.9	124	117	82	166	...
Dardanelle	Yell	330	36	62.5	100	July 23†	9	Dec. 19†	59	68.01	11.80	Mar.	1.35	Dec.	7.0	118	73	154	138	s.
DeQueen	Sevier	426	10	...	97	Aug. 4	10	Dec. 16†	10	...	...	...	...	...	...	...	...	...	...	...
Des Arc	Prairie	204	5	...	100	July 23†	12	Dec. 16†	8	55.22	6 74	Nov.	1.61	July	1.0	98	87	53	225	s.
Devils Knob †	Johnson	2350	9	56.3	95[b]	Aug. 4	− 4	Dec. 19	9	82 01	14.23	Mar.	1.13	Dec.	14.7	117	176	56	133	se.
Dumas	Desha	162	31	63.9	102	July 23†	16	Dec. 16†	40	61.08	9.77	Mar.	2.58	July	4.0	110	65	157	143	s.
El Dorado	Union	270	41	64.3	100	July 24	15	Dec. 20	45	67.27	11.52	Mar.	2 25	Sept.	T.	92	150	121	94	s.
England	Lonoke	229	38	...	...	...	...	...	39	...	...	...	...	...	...	...	...	...	...	...
Eureka Springs	Carroll	1465	44	58.3	99	Aug. 4	− 2	Dec. 19	45	69.28	11.57	June	0.70	Dec.	11.9	111	202	69	94	sw.
Fayetteville	Washington	1425	8	58.6	98	Sept. 4	− 1	Dec. 19	8	68 68	11.39	Apr.	0.70	Dec.	13.8	124	81	126	158	s.
Fayetteville Exp	Washington	1451	54	57.8	97	Aug. 4†	− 2	Dec. 19	58	64.23	10.90	Apr.	0.46	Dec.	12.5	109	97	172	96	s.
Fordyce	Dallas	280	4	64.1	100	July 24	15	Dec. 16	4	75.50	9.83	Apr.	2.87	Aug.	T	87	47	262	56	sw.
Fort Smith	Sebastian	448	64	61.2	101	Aug.	8	Dec 19	64	71.81	15.02	June	0.58	Dec.	7.1	114	103	102	160	e.
Ft. Smith Water Plant †	Crawford	793	...	...	...	...	...	...	7	76.66	14.24	Sept.	0.55	Dec.	9.0	96	189	76	100	...
Fulton	Hempstead	260	...	...	...	...	...	...	60	70.53	14.45	Mar.	2.47	Oct.	T.	109	99	113	153	...
Garland	Miller	235	...	...	...	...	...	...	2	63.09	9.14	June	2.03	Aug.	0.0	89	133	2	230	...
Georgetown	White	200	...	...	...	...	...	...	33	64.27	10.97	Nov.	2.12	Jan.	3.0	111	200	3	162	...
Gilbert	Searcy	600	10	56.8	100	July 23†	− 3	Dec. 20	20	68.51	12.45	Apr.	0.60	Dec.	10 5	91	124	77	164	s.
Glenwood	Pike	547	...	...	...	...	...	...	10	73.02	15.65	Mar.	1.87	July	0 0	117	98	61	206	...
Grannis	Polk	950	25	61.0	100	Aug. 3	8	Dec. 19	26	73 76	14.09	Mar.	1.79	Jan.	T.	138	117	106	142	s.
Gravette	Benton	1250	47	56.9	96	Sept. 1	− 6	Dec. 19	48	59.60	10.96	Sept.	0 54	Dec.	5.5	93	151	120	94	sw.
Green Mountain †	Stone	1100	6	58.9	99	July 24†	− 1	Dec. 19	6	68.61	13 76	Mar.	1.10	Dec.	11.0	95	125	116	124	s.
Harrison	Boone	1052	44	58.3	98	July 22†	0	Dec. 19	45	70 97	14.14	Apr.	0.38	Dec.	7.5	91	196	72	97	nw.
Helena	Phillips	300	47	62.0	98	July 23	13	Dec. 16†	73	63.08	8.10	Mar.	3.21	Aug.	5.6	128	127	50	188	ne.
Hope	Hempstead	375	39	62.6	99	Aug. 3†	13	Dec. 16	75	72.58	12.87	Mar.	2.72	Oct.	0.6	126	168	79	118	s.
Hot Springs	Garland	760	48	63.1	102	July 24	9	Dec. 19	54	71.22	13.85	Mar.	1.65	Dec.	T.	128	159	117	89	s.
Index †	Little River	275	...	...	...	...	...	...	28	57 67	15.64	Mar.	1.60	Aug.	0.0	83	192	18	155	...
Jessieville	Garland	750	...	...	...	...	...	...	19	89.15	15.09	Mar.	2 78	Dec.	0.0	113	134	126	105	sw.
Jonesboro	Craighead	345	49	60.3	101	July 23†	7	Dec. 19	50	62.19	9.74	June	1.93	July	6.4	136	116	84	165	sw.
Lead Hill	Boone	650	28	57.9	102	Aug. 4†	− 3	Dec 20	39	66.14	11.55	Apr.	0.79	Aug.	8 2	100	208	52	105	s.
Little Rock	Pulaski	265	66	61.5	99	July 23	13	Dec. 19	66	63.26	9.01	Sept.	1.91	Dec.	2.3	132	99	100	166	sw.
Lutherville †	Johnson	775	47	60.2	101	Sept. 1	5	Dec. 19	46	71.98	16.95	Mar.	0.85	Aug.	10.0	107	193	80	92	s.
Madison	St. Francis	209	...	...	...	...	...	...	15	66.24	8.82	Mar.	0.60	Aug.	3.0	94	104	37	224	...
Magnolia	Columbia	315	26	64.6	99	July 28	16	Dec. 20	29	53.86	7.17	Mar.	1.45	Aug.	0.0	75	116	140	109	se.
Mammoth Spring	Fulton	600	40	57.6	99	July 24†	−12	Dec. 20	41	61.81	11.86	Mar.	1.04	Dec.	10.0	94	154	116	95	s.
Marianna	Lee	234	33	61.1	101	July 23	11	Dec. 20	34	67.55	10.65	Nov.	0.85	Aug.	5.2	108	146	87	132	s.
Marked Tree	Poinsett	229	29	59.4	100	July 23	10	Dec. 19†	41	69.43	9.65	Sept.	0.44	Aug.	6.5	120	152	127	86	n.
Marshall	Searcy	1050	25	...	...	...	...	...	26	...	...	...	...	...	...	...	...	...	...	...
Mena	Polk	1207	53	61.2	100	July 25†	6	Dec. 19	57	80.37	18.01	Mar.	1.24	Jan.	1.0	132	119	126	120	sw.
Monticello	Drew	273	9	63.9	98	July 25†	15	Dec. 16†	9	57.53	9.75	Mar.	2.26	Jan.	1.0	107	132	127	106	s.
Morrilton †	Conway	315	23	...	104	Aug. 3†	10	Dec. 19†	26	60 15	12.67	Mar.	1.12	Dec.	4.5	102	105	89	171	se.
Mountainburg	Crawford	712	...	...	...	...	...	...	8	77.71	14.16	June	0.57	Dec.	12.5	108	155	68	142	s.
Mountain Home	Baxter	800	28	58.1	100	Aug. 13	0	Dec. 19.	33	63.40	10.90	Mar.	0.50	Dec.	5.0	89	190	45	130	w.
Mount Ida	Montgomery	702	30	60.5	100	July 25	6	Dec. 20	46	83 73	15.64	Mar.	2.05	Dec.	3 7	113	140	97	128	w.
Mulberry †	Franklin	433	...	...	...	...	...	...	7	71.23	12.77	Mar.	0.75	Dec.	3.7	93	148	47	170	...
Nashville	Howard	350	7	63.1	100	July 24†	13	Dec. 16	7	62.31	14.91	Mar.	2.18	Oct.	1.0	90	215	8	142	e.
Newport	Jackson	231	57	61.6	102	July 23	9	Dec. 20	62	61.14	10.31	June	2 04	Aug.	5.3	135	128	46	191	sw.
Nimrod Dam †	Perry	475	3	60.1	102	July 24	9	Dec. 16†	3	69.34	12.47	Mar.	1.41	Dec.	3.0	108	...	...	...	sw.
Oden	Montgomery	800	9	61.5	103	July 23	8	Dec. 16	18	74 28	15.78	Mar.	1.64	Jan.	0.5	120	122	91	152	sw.
Okay	Howard	288	17	63 6	99	Sept. 1†	13	Dec. 16	17	63.86	15.89	Mar.	1.79	Aug.	1.0	106	157	106	102	s.
Osceola	Mississippi	250	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...
Ozark	Franklin	396	48	61.0	101	Aug. 13	7	Dec. 19	50	60 58	11.14	June	0.69	Dec.	9.7	106	127	79	159	se.
Paragould	Greene	275	7	59.3	101	July 23	4	Dec. 20	20	66.85	11.11	June	2.42	Aug.	10.5	129	175	92	98	sw
Parkin	Cross	222	...	...	...	...	...	...	15	69 96	11.47	Nov.	2 86	July	5.0	93	125	68	172	...
Perryville	Perry	325	5	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...
Pine Bluff	Jefferson	215	57	64.2	101	July 23	16	Dec. 19	58	74.35	10.35	Oct.	2.79	July	2.5	122	153	112	100	sw.
Pine Ridge	Montgomery	840	...	...	...	...	...	...	21	81.18	18.97	Mar.	1.70	Jan.	0.9	113	124	102	139	nw.
Pocahontas	Randolph	300	51	...	104	July 24	5	Dec. 19	52	68.87	14.03	June	0.98	July	9.2	127	114	118	133	s.
Portland	Ashley	122	39	64.6	98	July 24†	17	Dec. 20	39	64 49	9.50	Mar.	3.17	Nov.	T.	97	161	90	114	s.
Prescott	Nevada	318	56	64.5	100	Aug. 4	15	Dec. 16	57	61.52	10.70	Mar.	2.14	Aug.	1.0	118	160	91	114	n.
Rogers	Benton	1300	50	57.4	98	Aug. 4	− 6	Dec. 19	55	66.13	11.71	Sept.	0.38	Nov.	12.4	113	139	115	111	sw.
Russellville	Pope	526	35	61 3	100	July 25†	9	Dec. 19†	33	69 34	16.05	Mar.	1.27	Dec.	9.0	113	96	170	99	e.
St. Charles	Arkansas	175	9	63.2	102	July 23	14	Dec. 16	12	66.38	9.55	Mar.	2.61	Jan.	T.	113	155	77	133	e.
St. Francis	Clay	290	...	...	...	...	...	...	18	72.75	12 87	June	2 06	July	8.0	110	193	1	171	...
Searcy	White	245	32	61.4	102	Aug. 3†	10	Dec. 19	35	68.96	8.99	June	1.65	Oct.	0.5	125	179	42	144	se.
Sheridan	Grant	237	4	61.3	98	July 23†	9	Dec. 16	4	76.21	9 22	June	2.33	Aug.	1 7	132	81	189	95	sw.
Siloam Springs	Benton	1150	4	57.8	97	Aug. 4†	− 1	Dec. 19	4	58.50	11.58	Mar.	0.41	Nov.	9.8	120	117	178	70	s.
Story	Montgomery	650	...	...	...	...	...	...	21	70.09	16.44	Mar.	1.45	Jan.	0.9	81	183	81	101	s.

Climatological Data for Year, 1945

Stations	Counties	Elevation, feet	Temperatures, degrees Fahrenheit: Lehgth of record years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Stuttgart	Arkansas	214	55	62.8	99	July 23†	15	Dec. 19	58	74.84	11.51	Sept.	2.08	Aug.	3.0	108	189	78	98	s.
Stuttgart Evap	Arkansas	198	9	61.8	99	July 23	16	Dec. 20	10	63.70	8.02	Nov.	1.36	Aug.	4.0	102	....	....	....	....
Subiaco	Logan	750	48	61.3	102	Aug. 13	5	Dec. 19	48	63.79	10.46	Sept.	0.77	Dec.	9.5	96	179	97	89	s.
Texarkana	Miller	268	59	64.0	99	Aug. 4	15	Dec. 19	60	61.69	15.33	Mar.	1.63	Aug.	T.	123	102	111	152	e.
Turupike †	Pope	2240	9	56.0	94	July 25	4	Dec. 19	21	80.12	17.43	Mar.	1.27	Jan.	11.2	125	146	68	151	sw.
Waldron	Scott	675	7	60.7	99	July 23†	8	Dec. 16†	26	65.79	15.43	Mar.	0.78	Nov.	2.0	86	92	167	106	sw.
Warren	Bradley	206	49	64.8	99	July 25	16	Dec. 16†	51	67.44	13.76	Mar.	2.72	Dec.	T.	101	147	110	108	sw.
Whitecliffs	Little River	290	..	....	....	....	....	....	39	63.92	14.34	Mar.	1.17	Aug.	0.0	76	194	35	136	....
White Rock †	Franklin	2285	9	56.5	97	Aug. 4	−4	Dec. 19	9	84.34	15.33	Mar.	1.07	Jan.	13.8	112	164	88	113	se.
Wilson	Mississippi	237	20	59.9	99	July 23	8	Dec. 19	20	59.47	7.71	Apr.	2.01	Aug.	6.0	83	163	23	179	sw.
Wynne	Cross	167	37	....	....	....	....	....	37	....	....	....	....	....	....	....	....	....	....	....

Monthly and Annual Precipitation for the Year 1945, with Departure from the Normal

Stations	January: Precipitation	Departure	February: Precipitation	Departure	March: Precipitation	Departure	April: Precipitation	Departure	May: Precipitation	Departure	June: Precipitation	Departure	July: Precipitation	Departure	August: Precipitation	Departure	September: Precipitation	Departure	October: Precipitation	Departure	November: Precipitation	Departure	December: Precipitation	Departure	Annual: Precipitation	Departure
Abbott	1.24	....	9.59	....	12.34	....	6.42	....	7.50	....	10.53	....	3.93	....	1.95	....	9.05	....	2.50	....	1.31	....	0.78	....	67.14	....
Alum Fork Reser.	2.18	....	8.65	....	11.38	....	7.03	....	7.15	....	10.96	....	5.02	....	4.48	....	5.46	....	1.91	....	4.76	....	1.81	....	70.79	....
Aplin	2.15	....	9.01	....	13.11	....	5.46	....	5.48	....	8.01	....	4.43	....	3.71	....	11.78	....	1.84	....	3.47	....	1.35	....	69.80	....
Arkadelphia	2.78	−1.87	8.72	+4.94	10.46	+5.67	5.53	+0.36	6.79	+1.66	12.56	+8.01	5.51	+1.78	6.03	+2.39	5.45	+2.67	3.04	−0.12	4.68	+0.87	3.44	−1.50	74.99	+24.86
Arkansas City	6.08	+1.24	5.98	+1.68	12.51	+7.02	8.63	+3.83	3.40	−0.96	3.71	−0.03	5.14	+1.50	3.05	−0.44	7.44	+4.62	4.22	+1.70	3.66	−0.36	4.64	−0.55	68.46	+19.25
Ashdown	....	....	....	....	12.34	....	3.70	....	4.98	....	6.09	....	2.65	....	3.43	....	5.19	....	1.89	....	....	....	2.55	....	....	....
Augusta	3.09	....	7.08	....	6.89	....	6.15	....	4.20	....	9.78	....	3.87	....	3.33	....	8.01	....	3.02	....	9.29	....	3.11	....	67.82	....
Batesville Airway	2.45	....	7.42	....	9.85	....	12.59	....	4.28	....	11.93	....	1.57	....	2.90	....	9.01	....	1.30	....	3.38	....	1.95	....	68.63	....
Batesville, Livestk	2.29	....	9.05	....	11.00	....	10.79	....	3.86	....	10.45	....	2.41	....	4.52	....	7.55	....	2.47	....	2.51	....	1.83	....	68.73	....
Batesville, River	2.50	−1.92	7.19	+3.84	9.79	+5.38	6.72	+1.88	3.17	−1.73	9.00	+5.01	2.09	−1.41	3.00	−1.12	9.56	+5.98	1.88	−1.39	3.47	+0.04	2.29	−1.59	60.66	+12.97
Beaty Lake	2.06	....	8.19	....	8.72	....	8.70	....	3.58	....	6.64	....	3.72	....	0.16	....	7.19	....	3.96	....	9.24	....	3.88	....	66.04	....
Beaver	1.00	....	7.85	....	9.06	....	10.46	....	6.70	....	10.07	....	3.49	....	1.18	....	10.40	....	3.24	....	0.67	....	0.40	....	64.52	....
Bee Branch	1.97	−2.37	7.96	+4.89	12.67	+8.00	7.92	+3.06	3.87	−1.25	11.28	+7.18	4.34	+0.85	1.96	−1.71	9.40	+6.18	1.28	−2.11	4.20	+0.68	1.73	−2.35	68.58	+21.05
Beech Grove	....	....	....	....	....	....	9.32	....	7.25	....	9.88	....	2.53	....	1.00	....	6.27	....	1.80	....	4.68	....	2.04	....	....	....
Beedeville	3.14	....	7.27	....	7.37	....	5.24	....	3.60	....	9.90	....	3.07	....	3.07	....	6.06	....	2.18	....	9.05	....	3.13	....	63.08	....
Benton	2.37	....	8.07	....	8.81	....	6.68	....	8.76	....	10.72	....	7.83	....	3.21	....	6.65	....	2.99	....	5.09	....	2.09	....	73.27	....
Bentonville	1.03	−1.68	7.43	+5.24	11.47	+8.10	10.86	+6.14	6.36	+1.25	8.85	+3.63	2.92	−0.42	2.58	−1.38	11.43	+7.16	4.65	+0.67	0.34	−2.97	0.75	−1.71	68.67	+24.03
Bethesda	2.29	....	8.83	....	10.55	....	10.33	....	3.86	....	12.07	....	2.47	....	4.38	....	7.66	....	2.16	....	2.61	....	1.38	....	68.59	....
Big Flat	1.50	....	7.77	....	11.55	....	8.29	....	3.80	....	12.37	....	1.98	....	....	....	....	....	....	....	....	....	....	....	....	....
Big Lake Outlet	4.03	−1.32	5.71	+2.41	7.29	+2.65	7.15	+3.44	5.57	+1.14	6.51	+3.80	....	....	4.79	+2.10	3.38	+0.37	2.91	+0.23	5.65	+2.43	2.92	−1.41	....	....
Black Rock	1.81	−2.62	7.29	+4.13	8.05	+3.66	9.58	+4.48	4.91	+0.02	11.79	+8.23	3.82	−0.27	2.34	−1.83	6.32	+2.73	1.63	−1.67	4.30	+0.31	2.13	−1.73	63.97	+15.98
Bluff City	2.65	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4.07	....	....	....
Blytheville	3.87	−1.78	6.31	+3.34	7.54	+3.04	7.21	+2.79	5.36	+1.75	7.40	+3.68	3.02	−0.20	2.49	−1.55	4.17	+1.00	3.72	+0.52	4.77	+1.41	2.95	−1.11	58.81	+12.89
Booneville (near)	1.15	−2.62	9.36	+6.81	12.92	+9.47	4.85	+0.04	8.49	+3.07	11.48	+7.08	2.61	−0.48	2.74	−0.71	8.82	+5.42	2.71	−0.79	1.18	−2.08	0.75	−2.42	67.06	+22.79
Booneville	1.37	....	7.33	....	10.40	....	4.77	....	....	....	9.58	....	3.70	....	3.48	....	10.02	....	2.88	....	1.76	....	....	....	....	....
Boughton	2.36	....	6.44	....	11.03	....	4.18	....	3.82	....	10.91	....	6.12	....	2.69	....	5.96	....	2.46	....	3.45	....	2.27	....	61.69	....
Bradford	....	....	....	....	....	....	....	....	....	....	12.13	....	2.97	....	3.92	....	8.95	....	2.71	....	6.69	....	2.67	....	....	....
Brinkley	2.03	−3.17	6.85	+2.65	7.24	+1.95	5.92	+0.46	3.59	−1.80	7.26	+3.53	2.99	−1.29	0.60	−2.72	7.14	+3.16	4.46	+0.94	9.72	+5.76	4.05	−1.06	61.85	+8.41
Burdette	3.31	....	7.18	....	....	....	6.24	....	6.20	....	5.80	....	3.83	....	3.79	....	5.97	....	3.53	....	6.15	....	3.35	....	....	....
Calico Rock	1.21	−2.31	8.58	+6.02	13.33	+9.76	9.44	+1.80	6.56	+1.78	16.42	+12.59	1.08	−2.39	3.84	−0.54	9.60	+6.15	2.36	−1.03	2.40	−0.69	1.10	−2.21	75.92	+31.93
Camden	4.23	−0.66	5.67	+1.69	9.62	+4.56	10.11	+5.32	4.57	+0.26	6.04	+1.92	6.71	+2.65	7.10	+4.28	3.12	+0.03	4.18	+1.33	6.01	+1.60	4.34	−0.66	71.70	+22.32
Camp Chaffee	1.33	....	8.29	....	12.16	....	5.49	....	7.01	....	14.51	....	4.67	....	2.67	....	8.53	....	1.72	....	1.65	....	0.48	....	68.51	....
Camp Robinson	2.62	....	7.22	....	7.95	....	6.04	....	6.07	....	7.93	....	4.59	....	4.71	....	8.19	....	1.90	....	4.84	....	2.16	....	64.22	....
Carlisle	....	....	....	....	....	....	7.94	....	6.36	....	6.18	....	1.69	....	1.94	....	10.12	....	4.33	....	7.13	....	2.73	....	....	....
Clarendon	3.21	−1.51	6.55	+2.62	7.43	+2.46	5.81	+0.36	4.00	−0.47	6.64	+3.01	3.29	−0.15	3.20	−0.24	6.39	+3.08	7.65	+4.54	9.93	+5.98	4.17	−0.84	68.27	+18.84
Cold Springs	1.90	....	10.64	....	14.75	....	3.43	....	6.95	....	10.32	....	2.20	....	3.04	....	9.04	....	3.20	....	2.12	....	1.63	....	69.22	....
Conway	2.35	−2.08	9.09	+5.40	11.18	+6.60	8.14	+3.21	5.40	+0.25	10.19	+6.17	5.31	+1.81	1.50	−1.81	9.45	+6.06	1.88	−1.17	5.09	+1.12	0.85	−3.38	70.43	+22.18
Corning	1.76	−2.59	7.73	+4.34	9.29	+4.63	7.57	+2.61	8.39	+3.97	13.64	+9.63	6.23	+2.61	3.16	−0.41	8.34	+4.86	1.40	−2.10	3.37	−0.10	1.76	−1.91	72.64	+25.51
Cotter	1.43	−1.73	8.49	+5.69	10.21	+7.25	11.00	+6.81	6.23	+1.09	10.57	+6.18	1.08	−1.81	0.64	−2.65	8.99	+5.89	1.89	−2.05	1.78	−1.13	1.01	−2.31	63.32	+21.23
Crossett	4.67	−0.92	7.75	+4.26	7.21	+2.25	7.00	+2.38	3.14	−0.84	4.60	+0.42	8.26	+3.57	4.60	+1.49	4.88	+2.44	3.16	−0.52	3.39	−0.83	3.65	−1.61	62.31	+12.09
Crystal Valley	2.14	....	7.25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cummins Farm	2.65	....	6.20	....	10.41	....	9.12	....	3.95	....	3.45	....	4.40	....	3.40	....	5.81	....	5.40	....	5.20	....	4.97	....	64.96	....
Danville	1.57	−2.40	11.08	+8.23	18.09	+14.13	6.52	+1.43	6.40	+1.46	7.54	+3.38	4.10	+1.01	2.63	−0.44	8.11	+4.74	2.49	−1.56	2.13	−1.38	1.23	−2.43	71.89	+26.17
Dardanelle	2.02	−1.55	11.40	+8.31	11.80	+7.50	4.97	+0.62	5.01	−0.31	8.87	+4.98	6.89	+3.52	3.29	−0.25	7.87	+4.52	1.51	−1.63	3.03	−0.40	1.35	−2.13	68.01	+23.18
De Queen	1.58	....	7.41	....	12.43	....	....	....	5.29	....	6.61	....	4.48	....	6.14	....	2.61	....	2.95	....	1.88	....	1.60	....	....	....
Dermott	4.80	....	5.60	....	11.32	....	9.67	....	4.38	....	3.82	....	5.61	....	10.53	....	4.72	....	3.01	....	3.22	....	3.61	....	70.29	....
Des Arc	3.76	....	6.13	....	6.18	....	6.22	....	3.80	....	6.52	....	1.61	....	1.84	....	6.57	....	2.90	....	6.74	....	2.95	....	55.22	....
Devils Knob	1.68	....	10.07	....	14.23	....	11.62	....	8.56	....	12.99	....	2.91	....	2.47	....	11.07	....	2.82	....	2.46	....	1.13	....	82.01	....
Dumas	3.35	−1.65	4.96	+0.96	9.77	+3.97	8.70	+3.96	3.22	−1.40	4.12	+0.44	2.38	−1.66	5.55	+2.31	7.50	+4.52	3.27	+0.16	4.30	+0.07	3.96	−1.95	61.08	+9.73
Eagle Gap	1.21	....	10.64	....	18.24	....	3.73	....	8.54	....	12.99	....	4.86	....	6.34	....	9.38	....	3.84	....	2.41	....	1.23	....	83.41	....
El Dorado	4.82	+0.25	7.65	+3.58	11.52	+6.43	9.78	+4.52	2.70	−1.84	4.88	+1.06	8.29	+3.82	3.00	−0.18	2.25	−0.64	5.26	+2.17	3.21	−1.51	3.91	−2.48	67.27	+15.15
Eleven Point	1.40	....	8.86	....	10.74	....	8.98	....	5.84	....	15.44	....	0.31	....	2.07	....	12.62	....	2.41	....	1.66	....	1.44	....	71.77	....
England	2.55	−2.28	7.05	+3.12	5.72	+0.86	9.32	+3.77	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	1.20	−2.05	8.31	+5.72	9.56	+5.82	11.08	+6.69	6.82	+0.94	11.57	+5.93	3.78	+0.04	1.64	−3.04	10.07	+5.52	3.10	−0.88	1.45	−1.82	0.70	−2.28	69.28	+19.99
Evening Shade	0.53	....	8.21	....	10.46	....	10.88	....	4.17	....	12.53	....	2.35	....	2.73	....	9.76	....	0.41	....	3.01	....	1.55	....	66.59	....
Fayetteville	1.09	....	9.17	....	10.60	....	11.39	....	4.59	....	7.85	....	6.56	....	1.97	....	10.74	....	2.37	....	1.65	....	0.70	....	68.68	....
Fayetteville Exp.	0.97	−1.94	8.67	+6.27	9.83	+6.37	10.90	+6.25	4.55	−0.86	6.66	+2.03	6.17	+2.45	2.43	−1.48	9.56	+5.59	2.73	−0.90	1.30	−1.78	0.46	−2.32	64.23	+19.68
Fordyce	3.72	....	5.34	....	8.10	....	9.83	....	5.89	....	6.47	....	7.13	....	2.87	....	5.97	....	6.77	....	8.91	....	4.50	....	75.50	....
Forester	2.75	....	8.30	....	....	....	....	....	....	....	....	....	....	....	5.43	....	13.50	....	2.75	....	2.63	....	1.05	....	....	....
Fort Smith	1.03	−1.51	8.54	+5.98	13.03	+10.02	7.35	+3.41	5.72	+0.90	15.02	+11.30	5.90	+2.53	2.78	−0.50	9.09	+6.10	1.42	−1.57	1.35	−1.52	0.58	−2.18	71.81	+32.96
Ft. Smith WaterPt.	0.98	....	9.50	....	12.61	....	8.68	....	6.49	....	13.58	....	2.77	....	2.13	....	14.24	....	2.64	....	2.49	....	0.55	....	76.66	....
Fulton	2.71	−1.88	6.68	+3.49	14.45	+9.93	5.70	+1.13	4.57	+0.15	10.81	+6.94	4.20	+0.62	7.28	+4.56	5.60	+3.08	2.47	−0.14	3.21	−0.52	2.85	−1.16	70.53	+26.20
Garland	3.59	....	5.28	....	9.02	....	7.36	....	4.41	....	9.14	....	4.33	....	2.03	....	6.12	....	2.33	....	6.66	....	2.82	....	63.09	....
Georgetown	2.12	−3.33	7.10	+3.52	7.07	+2.11	5.15	+0.05	4.37	+0.18	6.52	+2.54	2.27	−0.89	2.96	−0.46	8.15	+4.66	4.47	+1.02	10.97	+7.23	3.13	−1.33	64.27	+15.30
Gilbert	1.20	−2.26	8.20	+5.52	11.40	+8.67	12.45	+7.35	4.32	−0.68	11.73	+8.04	2.93	−0.02	3.10	−0.74	8.98	+5.34	2.10	−2.32	1.50	−1.28	0.60	+2.66	68.51	+24.96
Glenwood	2.32	....	9.21	....	15.65	....	4.93	....	7.23	....	8.09	....	1.87	....	6.66	....	8.75	....	2.47	....	3.80	....	1.94	....	73.02	....
Grannis	1.79	−3.02	8.86	+4.91	14.09	+9.82	4.24	−1.56	5.84	+0.07	8.64	+3.64	4.57	−0.08	7.36	+4.12	9.53	+5.15	3.71	−0.63	2.80	−1.89	2.33	−2.51	73.76	+18.02
Gravelly	1.39	....	9.46	....	18.69	....	3.89	....	....	....	10.48	....	3.46	....	5.95	....	10.09	....	3.42	....	3.42	....	1.57	....	....	....

Monthly and Annual Precipitation for the year 1945, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Gravette	0.65	−2.08	6.06	+3.94	10.37	+7.00	9.89	+5.19	5.61	+0.05	6.32	+0.72	3.57	+0.01	2.47	−1.54	10.96	+6.71	2.52	−1.46	0.64	−2.57	0.54	−1.84	59.60	+14.13
Green Forest	0.96	......	7.39	......	8.39	......	13.52	......	6.65	......	7.61	......	4.63	......	0.48	......	....	......	....	......	....	......	0.47	......	....	......
Green Mountain	2.00	......	8.10	......	13.76	......	8.65	......	4.20	......	13.17	......	1.30	......	3.13	......	9.10	......	1.95	......	2 15	......	1.10	......	68.61	......
Greenwood	1.31	......	9.77	......	11.78	......	4.49	......	7.65	......	9.77	......	5.30	......	4.52	......	10.46	......	2 40	......	....	......	0.98	......	....	......
Harrison	1.06	−1.97	10.21	+7.64	11.59	+8.47	14.14	+9.47	6.25	+0.89	7.34	+2.89	3.64	+0.18	1.19	−2.35	10.51	+6.48	2.47	−0.81	2.19	−0.56	0.38	−2.10	70.97	+28.23
Helena	4.32	−1.21	6.78	+2.30	8.10	+2.09	7.16	+1.62	3.22	−1.20	5.22	+1.45	3.83	−0.03	3.21	−0.32	5.19	+1.90	4.00	+1.26	7.59	+3.04	4.46	−0.54	63.08	+10.36
Henderson	1.22	......	8.71	......	10.49	......	10.43	......	6.87	......	12.29	......	1.60	......	1.92	......	8.56	......	1.89	......	1.57	......	0.74	......	66.29	......
Hope	3.05	−1.96	6.54	+2.51	12.87	+7.82	6.40	+1.62	5.60	+0.57	12.42	+8.65	6.62	+2.23	4.84	+1.59	4.78	+1.70	2.72	−0.52	3.74	−0.75	3.00	−1.56	72.58	+21.38
Hot Springs	2 43	−2.55	7.70	+4.08	13.85	+9.05	5.16	−0.76	7.44	+1.76	8.69	+4.01	3.28	−0.85	6.80	+3.15	7.05	+3.64	3.25	−0.03	3.92	−0.34	1 65	−2.86	71.22	+18.30
Huttig	6.02	......	7.54	......	8.33	......	7.88	......	2.80	......	5.30	......	7.78	......	2.02	......	3.82	......	3.52	......	4 18	......	3 22	......	62.41	......
Index	2.80	−1.47	6.65	+3.41	15.64	+11.28	3.60	−0.97	3.90	−0.08	8.00	+4.72	2.75	−1.33	1.60	−1.10	4.00	+1.43	5.20	+2.24	1.80	−2.29	1.75	−2.64	57.69	+13.20
Jessieville	3.14	−2.28	8.86	+5.10	15.09	+10.78	6.10	−0.28	6.72	+1.00	12.87	+8.46	7.21	+3.87	4.70	+0.97	8.32	+5.45	8.19	+4.66	5 17	+0.75	2.78	−1.57	89.15	+36.91
Jonesboro	3.57	−1.51	5.56	+1.89	8.31	+3.56	6.44	+1.94	5.07	+1.02	9.74	+6.00	1.93	−1.33	2.80	−0.66	7.39	+4.03	3.99	+0.69	4.38	+1.01	3.01	−1.29	62.19	+15.35
Lake City	1.68	......	2.89	......	6.10	......	7.58	......	3.13	......	5.44	......	0.93	......	1.38	......	4.01	......	1.08	......	4.53	......	3.66	......	42.41	......
Lead Hill	1.16	−1.71	10.78	+7.73	9.24	+5.55	11.55	+7.63	5.69	+0.25	10.29	+5.84	2.14	−1.58	0.79	−3.09	8.46	+4.90	3.55	+0.12	1.54	−1.86	0.95	−2.07	66.14	+21.71
Little Rock	2.26	−2.47	7.41	+3.57	6.99	+2.37	6.61	+1.42	6.99	+2.21	7.79	+4.03	4.57	+1.07	2.99	−0.76	9.01	+5.84	2.20	−0.51	4.53	+0.34	1.91	−2.23	63.26	+14.88
Lutherville	1.62	−2.44	9.23	+5.90	16.95	+12.80	6.90	+1.98	4.95	−0.60	11.20	+6.63	3.56	+0.06	0.85	−2.90	9.62	+5.46	2.02	−2.11	4.00	+0.40	1.08	−3.05	71.98	+22.13
Madison	2.75	−2.73	7.21	+3.11	8.82	+3 67	7.31	+3.35	3.02	−0.82	7.13	+4.04	3.85	−1.06	0.60	−2.82	6.56	+3.70	6.06	+2.93	8.67	+4.52	4.26	−0.94	66.24	+16.95
Magnolia	3.21	−1.63	5.20	+1.51	7.17	+2.57	7.15	+2.34	3.23	−1.20	6.20	+2.61	6.99	+2.92	1.45	−1.08	3.88	+1.84	2.19	−0.91	3.70	−0.94	3.49	−1.96	53.86	+ 6.07
Mammoth Spring	1.23	−2.48	9.89	+7.27	11.86	+8.48	7.79	+2.73	5.60	+1.01	9.19	+4.90	1.11	−2.42	3.19	−0.91	6.65	+3.06	2.43	−1.20	1.83	−1.57	1.04	−2.22	61.81	+16.65
Marianna	2.31	−2.42	7.04	+3.28	9.95	+5.15	7.81	+3.73	3.73	−0.25	6.77	+3.21	2.66	−0.74	0.85	−2.02	7.50	+4.73	4.36	+1.13	10.65	+7.34	3.92	−0.51	67.55	+22.63
Marked Tree	3.67	−1.85	6.61	+3 01	8.33	+3.19	7.77	+2.24	4.04	−0.80	8.89	+5.41	3.33	−0.31	0.44	−3.16	9.65	+6.70	2.91	−0.86	9.57	+5.48	4.22	−0.22	69.43	+18.83
Marshall	1.30	−1 99	8 65	+6.28	13 05	+9.13	11.60	+5.59	....	......	....	......	2.65	−0.98	5.95	+0.63	7.68	+3.54	....	......	....	......	....	......	....	......
Marvell	....	......	....	......	....	......	7.63	......	3.63	......	5.51	......	2.93	......	0.46	......	6.01	......	3.87	......	8.50	......	4.38	......	....	......
Melbourne	2.24	......	7.73	......	11.96	......	8.95	......	5.15	......	11.87	......	0.79	......	2.20	......	11.68	......	1.53	......	2.47	......	0.63	......	67.20	......
Mena	1.24	−2.72	10.26	+6.99	18.01	+13.56	3.61	−1.96	6.65	+0.48	11.47	+6.54	2.63	−1.28	4.92	+0.72	12.29	+8.37	5.50	+1.75	2.17	−1.39	1.62	−2.30	80.37	+28.76
Monticello	2.26	......	5.35	......	9.75	......	6.41	......	3.78	......	7.78	......	5.58	......	2.64	......	4.55	......	2.76	......	3.84	......	2.83	......	57.53	......
Morobay	4.92	......	6.70	......	11.24	......	8.38	......	2.31	......	5.34	......	5.06	......	2.40	......	3.95	......	4.82	......	4.60	......	3.23	......	62.95	......
Morrilton	2.35	−1.59	8.52	+5.54	12.67	+8.64	5.89	+1.03	5.21	+0.69	6.56	+2.65	3.17	+0.80	1.85	−1.03	8.72	+5.82	1.41	−2.40	2.68	−1.15	1.12	−2.78	60.15	+16.22
Mountainburg	1.15	......	9.44	......	12.18	......	9.12	......	6.27	......	14.16	......	3.30	......	2.61	......	13.99	......	2.61	......	2.31	......	0.57	......	77.71	......
Mountain Home	1.18	−1.81	8.10	+5.63	10.90	+7.23	10.59	+5.91	6.40	+1.06	10.30	+5.77	2.15	−1.43	1.60	−2.27	8.25	+4.46	1.85	−2.21	1.58	−1.56	0.50	−3.03	63.40	+17.75
Mountain Valley	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Mountain View	1.46	......	10.02	......	9.33	......	....	......	3.79	......	14.05	......	2.76	......	3.31	......	7.60	......	1.47	......	3.08	......	1.16	......	....	......
Mount Ida	2.14	−2.24	9.40	+5.56	15.64	+11.22	4.83	−0.95	5.73	+0 13	11.80	+7.57	9.54	+6.01	7.48	+4.06	9.82	+6.28	3.16	−0.62	2.14	−1.98	2.05	−2.16	83.73	+32.88
Mulberry	1.39	......	6.80	......	12.77	......	9.87	......	6.92	......	12.42	......	3.64	......	1.70	......	11.73	......	1.64	......	1.60	......	0.75	......	71.23	......
Nashville	2.26	......	8.56	......	14.91	......	3.22	......	5.90	......	7.34	......	2.26	......	4.29	......	5.47	......	2.18	......	3.45	......	2.47	......	62.31	......
Newhope	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Newport	3.41	−1.60	8.42	+4.94	7.71	+2.92	6.64	+1.76	3.98	−0.29	10.31	+6.49	2.42	−0.83	2.04	−1.42	6.43	+3.00	2.20	−0.75	4.94	+0.85	2.64	−1.39	61.14	+13.68
Nimrod Dam	1.50	......	10.55	......	12 47	......	5.13	......	4.92	......	10.12	......	3.97	......	4.36	......	9.48	......	1.76	......	3.67	......	1.41	......	69.34	......
Odell	3.25	......	9.37	......	11.56	......	16.34	......	4.34	......	14.51	......	5.34	......	3.14	......	11.29	......	2.46	......	1.69	......	0.68	......	83.97	......
Oden	1.64	−2.39	11.34	+7.89	15.78	+12.14	4.13	−1.50	4.74	−0.09	11.64	+7.69	3.85	+0.67	4.08	+0.91	8.93	+5.83	3.77	+0.58	2.45	−1.38	1.93	−1.87	74.28	+28.48
Okay	2.46	−2.11	8.29	+4.61	15.89	+11.54	4.13	−0.34	4.35	−0.14	7.12	+4.04	5.58	+1.84	1.79	−0.77	5.70	+2.85	3.12	−0.02	3.28	−0.80	2.15	−2.61	63.86	+18.09
Osceola	3.02	−1 63	6.58	+3.25	8.69	+3.60	5.56	+1.11	....	......	....	......	....	......	....	......	....	......	....	......	....	......	3.08	−0.84	....	......
Ozark	0.71	−2.34	7.87	+5.15	10.28	+6.54	7.90	+3.29	6.09	+0.60	11.14	+6 82	3.42	+0.27	1.73	−1.98	6.76	+3.32	1.85	−1.54	2.14	−0.89	0.69	−2.69	60.58	+16.55
Paragould	2 89	−2.34	7.13	+3.49	7.56	+2.66	9.43	+4.84	5.94	+1.68	11.11	+7.46	1.79	−1.35	2.42	−1.42	8.04	+5.57	2.86	−0.16	4 32	+1.00	3.36	−0.87	66.85	+20.56
Parkin	3.01	−2.40	7.48	+3 80	9.43	+4.09	7.83	+3.71	3.04	−0.20	6.81	+3.38	2.86	−0.67	2.96	−0.21	6.99	+4.08	4.31	+0.97	11.47	+7.81	3.77	−1.21	69.96	+23.15
Perryville	2.36	−1.97	7.61	+4.15	....	......	6.85	+1.59	5.53	−0.21	8.46	+3.56	3.45	−0.80	3.26	−0.79	8.93	+5.43	1.69	−1.81	2.56	−1.14	1.93	−2.05	....	......
Pine Bluff	3.61	−1.67	5.28	+1.23	7.78	+2.50	8.04	+2.63	4.45	−0.06	7.97	+4.20	2.79	−0.83	5.09	+2.20	5.77	+2.36	10.35	+7.47	8.48	+4.31	4.74	−0.43	74.35	+23.91
Pine Ridge	1.70	−2.92	10.66	+7.11	18.97	+14.79	3.04	−2.86	6.25	+0.93	9.37	+4.99	3.34	−0.44	6.95	+4.30	12.13	+8.88	3.92	−0.29	2.80	−1.28	2.05	−1.88	81.18	+31.33
Pocahontas	1.82	−2.57	8.53	+5.29	10.10	+5 53	9.57	+4.79	6.08	+1.37	14 03	+9.87	0.98	−3.04	1.17	−3.26	9.04	+5.66	2.43	−0.91	3.11	−0.41	2.01	−1.77	68.87	+20.52
Portland	7.52	+2.77	8.77	+4.64	9.50	+4.36	6.13	+1.22	3.76	−0.92	4.18	+0.95	5.40	+1.40	3.75	+0.59	4.76	+2.15	4.02	+1.00	3.17	−0.94	3.53	−2.14	64.49	+15.08
Prescott	2.68	−2.09	6.03	+2.29	10.70	+6.19	5.29	+0.16	4.49	−0.32	9.75	+5.98	5.45	+1.89	2.14	−1.02	6.25	+3.31	2.65	−0.02	3.20	−0.44	2.89	−1 67	61.52	+14.26
Ratcliff	1.13	......	10.61	......	15.53	......	5.50	......	4.55	......	12.06	......	3.36	......	....	......	....	......	....	......	....	......	....	......	....	......
Red Star	1.41	......	9.21	......	15.30	......	15.90	......	5.84	......	9.68	......	4.00	......	2.42	......	9.19	......	2.30	......	2.00	......	1.24	......	78 49	......
Rogers	0 90	−1.77	7.97	+5.97	10.03	+6.70	8.24	+3.67	5.68	+0.33	10.23	+5.33	3.52	−0.17	3.00	−0.71	11.71	+7 61	3.91	+0.40	0.38	−2.66	0.56	−1.87	66.13	+22.83
Rosebud	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Russellville	2.18	−1.59	10.20	+7.00	16.05	+11.74	4.88	+0.67	4.96	−0.55	8.97	+4.71	4.58	+0.45	3.86	+0.32	8.01	+4.17	1.95	−1 12	2.43	−1.32	1.27	−1.97	69.34	+22.54
St. Charles	2.61	......	6.25	......	9.55	......	7.54	......	3.30	......	6.54	......	3.16	......	4.76	......	5.27	......	6.01	......	6.95	......	4.44	......	66.38	......
St. Francis	2.59	−2.88	6.46	+2.38	9.81	+4.86	10.26	+5.87	8.58	+4.62	12.87	+8.92	2.06	−2.10	3.27	−0.71	6.86	−3.16	3.01	−0.61	4.85	+1.39	2.13	−1.96	72.75	+22.94
Searcy	2.61	−2.26	8 09	+4.75	8.60	+3.99	8.91	+4.05	5.68	+1.22	8.99	+4.98	5.75	+2.76	3.01	−0.62	7.86	+4.83	1.65	−1.53	5.57	+1.32	2.24	−2.23	68.96	+21.26
Sheridan (near)	2.83	......	7.82	......	8.82	......	6.96	......	7.63	......	9.22	......	8.02	......	2.33	......	8.27	......	4.67	......	6.38	......	3.26	......	76.21	......
Shirley	1.41	......	9.19	......	13.16	......	9.48	......	4.29	......	14.61	......	4.65	......	....	......	5.34	......	1.60	......	3.42	......	0.75	......	....	......
Siloam Springs	0.82	......	6.53	......	11.58	......	10.05	......	4.39	......	7.35	......	2.99	......	2.32	......	8.53	......	2.89	......	0.41	......	0.64	......	58.50	......
Sparkman	2.80	......	5.44	......	10.38	......	8.78	......	5.53	......	8.73	......	4.49	......	....	......	....	......	....	......	....	......	....	......	....	......
Stamps	3.07	......	5.38	......	8.63	......	7.02	......	4.20	......	6.64	......	6.33	......	0.62	......	5.62	......	2.96	......	7.88	......	2.97	......	61.32	......
Stephens	....	......	....	......	....	......	....	......	....	......	....	......	....	......	4.54	......	4.34	......	....	......	....	......	....	......	....	......
Steve	1.62	......	8.92	......	13.92	......	5.43	......	5.09	......	9.21	......	4.42	......	....	......	9.97	......	2.19	......	2.17	......	2.00	......	....	......
Story	1.45	−2.37	9.65	+6.34	16.44	+12.64	2.12	−3.91	5.20	+0.37	10.52	+7.17	2.78	−0.76	4.59	+1.78	8.87	+5.98	2.34	−1.22	2.64	−1.24	3.49	−0.86	70 09	+23.92
Stuttgart	2.96	−2.27	6.36	+2.34	8.83	+3.41	6.93	+1.96	4.21	−0.45	7.29	+3.43	5.23	+1.45	2.08	−1.37	11.51	+8.38	6.86	+3.79	8 51	+4.45	4.07	−0.84	74.84	+24.28
Stuttgart (Evap.)	2.41	......	7.09	......	7.20	......	5.49	......	3.96	......	6.16	......	5.43	......	1.36	......	5.84	......	7.31	......	8.02	......	3.43	......	63.70	......
Subiaco	1.24	−2.30	10.22	+7.37	12.26	+8.49	4.39	−0.13	5.24	+0.01	9.89	+5.82	1.47	−1.65	2.93	−0.63	10.46	+7.01	2.38	−1.17	2.54	−0.62	0.77	−2.62	63 79	+19.58
Sugar Grove	1.31	......	10.56	......	15.21	......	3.80	......	7.76	......	8.48	......	1.80	......	4.17	......	9.49	......	3.10	......	1.74	......	0.94	......	68.36	......
Texarkana	2.29	−2.19	6.61	+3.24	15.33	+11.03	4.04	−0.90	3.49	−1.03	10.31	+6.60	4.05	−0.06	1.63	−1.74	5.08	+2.41	1.93	−1.48	3.64	−0.03	3.29	−1.32	61.69	+14.53
Tichnor	3.57	......	5.43	......	9.53	......	7.90	......	3.22	......	....	......	2.37	......	4.08	......	4.71	......	5.35	......	4.56	......	5.10	......	....	......
Turnpike	1.27	−3.04	9.42	+6.19	17.43	+13.51	11.85	+6.69	4.94	−0.90	13.26	+8.41	2.90	−0.35	1.99	−1.86	8.99	+3.95	2.51	−2.56	4.05	+0.05	1.51	−2.65	80.12	+27.44
Viola	0.80	......	8.89	......	....	......	....	......	....	......	15.04	......	0.88	......	1.61	......	9.13	......	2.55	......	2.58	......	0.87	......	....	......
Waldron	1.30	−2.38	10.68	+7.35	15.43	+11.75	2.38	−2.91	7.06	+1.53	10.29	+5.92	3.16	+0.28	3.19	+0.16	7.72	+4.45	2.97	−1.00	0.78	−2.72	0.83	−2.71	65.79	+19.72
Walnut Grove	2.41	......	8.34	......	7.11	......	11.91	......	3.57	......	11.99	......	1.66	......	4.67	......	8.82	......	1.87	......	4.10	......	2.38	......	68.83	......
Warren	3.06	−1.81	5.52	+1.25	12.76	+8.38	7.97	+2.85	4.48	+0 08	6.95	+3.22	6.39	+2.44	4.11	+0.80	5.15	+1.74	3.15	−0.08	4.18	+0.01	2.72	−2.86	67.44	+16.02
Whitecliffs	3.64	−0.31	8.40	+5.06	14.34	+10.00	4.28	−1.10	4.77	+0.15	7.59	+4.04	4.56	+1.81	1.17	−1.70	7.70	+5.17	2.20	−0.99	2.70	−0.50	2.57	−1.91	63.92	+19.72
White Rock	1.07	......	10.01	......	15.33	......	10.64	......	6.09	......	14.73	......	2.51	......	2.80	......	14.29	......	2.49	......	3.22	......	1.16	......	84.34	......
Wilson	4.21	−1.29	6.02	+2.98	4.95	+0.32	7.71	+3.06	6.81	+2.55	7.60	+4.67	2.38	−1.03	2.01	−1.33	6.85	+4.33	2.80	−0.17	5.10	+1.61	3.03	−1.56	59.47	+14.14
Wynne	3.01	−2.22	6.63	+2.99	11.42	+6.23	6.97	+1.55	2.93	−1.38	6.76	+3.00	....	......	....	......	....	......	....	......	....	......	....	......	....	......

Departures from normal precipitation are based on records of 10 years or more.

Monthly and Annual Mean Temperature for the Year 1945, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	40.2	......	43.2	......	57.1	......	61.6	......	65.4	......	74.6	......	77.4	......	78.0	......	73.2	......	60.6	......	53.8	......	37.9	......	60.2	......
Arkadelphia	41.2	−2.7	44.4	−1 2	60.0	+4.2	63.2	+0 8	67.0	−3.7	76.2	−1.7	78.5	−2.6	76.9	−4.0	73.7	−2.5	59.4	−5.0	54.8	+1.6	39.2	−5.6	61.2	−1.9
Ashdown	....	......	....	......	62.2	......	65.2	......	67.6	......	77.2	......	79.3	......	80.4	......	76.0	......	62.9	......	....	......	39.5[g]	......	....	......
Batesville (Airway)	37.7	−0.7	40.9	−0.1	56.9	+6.5	61.0	+1.7	63.8	−3.7	70.3	−3.2	76.4	−3.8	78.2	−1.3	72.8	−0.1	59.4	−1.8	51.0	+1.9	35.4	−5.1	58.9	−0.8
Batesville (Livestock)	36.5	......	40.4	......	55.2	......	60.2	......	63.6	......	72.0	......	76.0	......	77.5	......	75.6	......	61.9	......	51.8	......	35.5	......	58.8	......
Bee Branch	38.4	−2.0	41.4	−1.2	57.2	+5.8	64.2	+3.8	65 2	−3.8	74.4	−2.2	78 8	−2 0	78.7	−1.3	72.5	−1.8	59.6	−3.0	51.8	+1.2	35.1	−7 0	59.8	−1.1
Benton	38.4	......	41.6	......	56.6	......	61.0	......	63.8	......	74.0	......	76.0	......	76.2	......	71.6	......	58.2	......	50.9	......	35.7	......	58.7	......
Bentonville	36.2	−0.9	38.8	−1.2	53.0	+5.0	56.4	−1.2	62.4	−2.6	71.0	−2.8	74.8	−3.2	75.6	−1.4	68.7	−2.2	57.8	−1.4	49.8	+1.5	31.0	−7.4	56.3	−1.5
Bethesda	36.0	......	39.9	......	55.4	......	60.0	......	63.6	......	72.2	......	75.6	......	77.3	......	71.2	......	59.0	......	51.0	......	34.6	......	58.0	......
Bluff City	44.7	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	41.2[f]	......	....	......
Blytheville	37.0	−2.9	43.2[a]	−0.1	59.6	+8.3	62.6	+5.0	65.3	−4.9	74 0	−3.9	77.8[a]	−3.8	78.0	−2.2	73 8	−0.4	59.8	−3.7	52.2[c]	+2.0	37.2	−5.0	60.0	−1.3
Booneville	40.5	−0.7	44.4	−1.0	58.9	+5.6	62.2[d]	+0.1	68 2	−1.7	76.0	−1.9	79.6	−3.1	80.0	−2.5	74.9	−0.9	61.5	−2.8	55.0	+3.2	38.7	−5.4	61.7	−0.9
Brinkley	39.8	−2.2	43.9	−0 3	59.6	+6.3	63.6	+1.6	66.2	−3.8	76.6	−1.3	79.0	−2.0	78.9	−1.5	73.9	−0.9	59 6	−3.0	52.8	+0.9	37.4	−6.4	60.9	−1.1
Camden	44.6	+0.1	49.4	+2.2	63.2	+7.9	66.4	+3.0	69.6	−1.6	79.0	+0 5	80.2	−1.3	80.6	−0 2	77.2	+1.6	63.0	−1.2	57.5	+4.2	42.8	−2.5	64.5	+1.1
Camp Chaffee	39.3	......	42 6	......	57.3	......	62.4	......	68.2	......	76.7	......	80.0	......	80.3	......	74.8	......	62 3	......	54.4	......	36.9	......	61.3	......
Camp Robinson	40.3	......	44.2[b]	......	60.2	......	61.8	......	66.2	......	75.3	......	78.6	......	79.0	......	73 8	......	59.2	......	52.8	......	38.0	......	60.8	......
Conway	41.6	−0.4	44.8	+0.2	60.2	+6.6	64.8	+2.6	67.7	−2.3	76.8	−1.6	79.1	−3.0	80.3	−1.6	75.7	+0.2	62.4	−1.4	54.6	+2.9	38.6	−4.5	62.2	−0.2
Corning	37.4	−0.5	43.2	+3.1	58.6	+7.9	62.1	+2.1	65.0	−3.3	74.2	−2.1	77.4	−2.7	77.8	−0.8	72.4	−0.2	58 9	−1.6	51.4	+2.8	34.6	−5.4	59.4	−0.1
Crossett	44.3	−0 6	50.6	+3.2	62.8	+6.3	65.0	+1.8	68.4	−3.0	77.6	−1.1	79.6	−2.0	79.5	−2.1	77 1	+1.5	62.5	−3.1	57.2	+3.5	41.9	−4.8	63.9	0.0
Cummins Farm	43.0	......	46.8	......	60.6	......	64.6	......	68.1	......	77.7	......	79.1	......	79.0	......	75.2	......	61.9	......	57.1	......	41.4	......	62.9	......
Dardanelle	41.2	0.0	45.1	+0.4	59.8	+6.5	64.8	+2.2	68.4	−1.9	77.3	−1.2	80.2	−2 0	80.4	−0.7	76.3	+0.9	62.8	−0.9	55.4	+3.7	33.2	−4.7	62.5	+0.2
De Queen	42.0	......	46.6	......	59 5	......	....	......	67.8	......	76 0	......	77.7	......	78.6	......	73.0	......	60 9	......	55 0	......	39.7	......	....	......
Des Arc	40.4	......	44.4	......	60.1	......	64.1	......	....	......	76.6	......	79.2	......	79.6	......	75.2	......	60.6	......	54.2[g]	......	38.5	......	....	......
Devils Knob	35.8	......	38.0	......	53.1	......	56.4[b]	......	61.5	......	69.4	......	75.0	......	76.2	......	70.0	......	57.8	......	49.5	......	33.2	......	56.3	......
Dumas	44.0	−0 5	48 6	+0.9	62.8	+7.2	65.6	+2.6	69.0	−2.4	78.6[a]	−0.5	81.4	−0.9	80 4	−1.5	76.4	+0.3	62.4	−2.8	56.6	+3.2	41.1	−5.4	63.9	0.0
El Dorado	44.9	−1.3	50.6	+1.4	62.7	+8.0	68.4	+3.9	71.8	−0.2	78.1	−1 7	79.0	−3.5	78.0	−4.3	76 6	−0 5	61.6	−4.7	57.1	+2.0	43.2	−4.0	64.3	−0.4
England	41.6	−1.5	45.8	−0.8	61.0	+6.9	64.7	+2.2	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Eureka Springs	37.1	−1.1	41 1	+0.1	56.4	+6.3	58.9	−0.2	63.8	−2.8	71.2	−3.3	75.6	−3.4	78.4	−0.4	71 6	−0.6	59.0[a]	−2.2	51.6	+1.7	34.4	−5.8	58.3	−1.0
Fayetteville	37.5	......	42.0	......	56.4	......	59.5	......	64.0	......	72.3	......	75.8	......	77.0	......	72.1	......	59.2	......	51.2	......	35.6	......	58.6	......
Fayetteville Exp.	37.2	−0.8	41 2	+0.8	55 4	+5.7	59 2	+0.3	63.0	−3.5	72.0	−2.6	75.0	−3.8	75.8	−2.8	71.2	−0.9	59.2	−1.8	50.4	+1.1	34.4	−5 7	57.8	−1.2
Fordyce	44.4	......	48.4	......	62.4	......	65.5	......	68.4	......	78.0	......	79.6	......	81.2	......	77.5	......	64.4	......	57 1	......	42.8	......	64.1	......
Fort Smith	39.9	+0.4	43.6	+0.8	58.4	+5.8	62.4	+0.6	67.8	−1.8	76.0	−1.5	80.1	−1.4	80.6	+0.1	75.0	+1.0	60.8	−2.0	53.4	+2.4	36.3	−5 8	61.2	−0 1
Gilbert	36.5	......	38.8	......	53.8	......	58.6	......	61.5	......	72.0	......	75.3	......	77.0	......	70.4	......	57.8	......	47.8	......	32.4	......	56.8	......
Grannis	41.4	0.0	45.0	+0.1	57.4	+5.7	62.1	+1.7	66.0	−1.6	74.2	−1.4	76.6	−2.8	78.0	−1.7	74.2	+0.2	62.0	−1.3	55.2	+4.4	40.0	−4.7	61.0	−0.1
Gravette	36 8	+0.2	41.3	+2.4	55.2	+6.5	59.0	+1.7	63.4	−2 1	71.8	−2.2	75.4	−3.0	75.4	−2.8	70.0	−1.2	55.2	−4.8	45.9	−2.5	33 8	−4.8	56.9	−1.0
Green Mountain	36.6	......	40.2	......	56.6	......	60.0	......	63.4	......	72.0	......	78.5	......	79.2	......	71 8	......	61.8	......	51.8	......	35.1	......	58.9	......
Harrison	36.6	−0.1	40.8	+1.5	56.0	+7.2	59.9	+2.1	63.9	−2.3	72.2	−1.8	75.6	−2 5	77.0	−0.8	72.0	+1.3	59.3	−0.3	50.4	+2.1	35.4	−3.3	58.3	+0.3
Helena	41.6	−1.5	45 8	+1 0	61.6	+7.8	63.8	+1.1	66.7	−4.0	76.0	−2.3	78.2	−3.2	79.0	−1.7	75.3	0.0	61.8	−2.1	54.6	+1.9	39.1	−5.2	62 0	−0.6
Hope	42.0	−2 7	46 6	−0.7	59.7	+4.0	64 0	+0.1	68.0	−3.1	77.2	−1.4	79.0	−2.7	79 7	−2.2	76.2	+0.1	62 5	−2.6	55.8	+2.6	40.0	−6.9	62 6	−1 3
Hot Springs	43.3	0.0	46.2	−0.5	61.0	+6.8	65.5	+2.3	68.8	−1.4	76.8	−1.6	80.0	−2 2	80.6	−1.1	76.0	+0.2	63.2	−1.6	56.2	+2.4	39 8	−4.7	63.1	−0.1
Jonesboro	38.4	−1.8	42.8	+0 1	58.9	+6.7	62.3	+1.0	66.0	−3.6	74.8	−3.2	78.9	−2.4	79.6	−0.7	74.0	−0.4	60.2	−2.7	52.0	+1.0	35.6	−5.8	60 3	−1.0
Lead Hill	36.0	−0.9	40.4	+2.0	55.9	+7.4	59.2	+0.4	63.8	−3.1	72.5	−2.8	76.2	−4.0	78.4	−0.7	71 6	−0.4	58.2	−2.2	49.4	+1.9	33.4	−6 2	57.9	−0.7
Little Rock	40.8	−0.6	43.5	−1 4	59.6	+6.6	63 9	+1.8	67.1	−3.2	76.7	−0.7	79.3	−1.6	80.0	+0.2	74.4	+0.3	61.4	−2.2	53 8	+1.7	38.0	−6.2	61 5	−0.5
Lutherville	39.4	−0.6	43 0	+0.6	57.8	+6.3	61.6	+1.4	65.5	−2.4	73.7	−2 3	77.2	−3.1	79.8	−0.2	73.6	−0.5	60 2	−2.4	54.0	+3.3	37.0	−4.7	60.2	−0.4
Magnolia	45.4	−1.4	50.6	0.0	62.8	+5.3	65.7	+0.8	69 5	−2.4	78.2	−1.3	79.5	−3.0	79.8	−2.9	77 7[c]	0.0	64.2	−3.2	57.8	+2.8	44 3	−4 9	64.6	−0.9
Mammoth Spring	34.8	−2 6	40.4	+0.2	57 0	+7.2	60.2	+0.9	63.8	−2.7	72 7	−2.1	76.3	−2.7	76.7	−1.3	69.4	−2.3	57.8	−1.8	49 6	+1.3	33.1	−6 3	57.6	−1.1
Marianna	40.6	−1.6	44.6	−0.8	61.2	+7.6	63.0	+0 4	65.8	−4.7	75.3	−3.3	78.2	−3.0	78.4	−2.2	74.2	0.0	61.4	−2 1	52 8	+0.9	38.0	−6.1	61.1	−1.3
Marked Tree	36 8	−1.9	40.9	−1.7	57.9	+7.5	62.4	+1.6	64.7	−4.5	74.5	−3.4	78.4	−2.6	79.3	−0.4	73.4	0.0	59.2	−2.4	50.3	+1.5	34.6	−6.3	59.4	−0.9
Marshall	41.2	+1.6	....	......	58.0	+7.5	59.8	−0.3	....	......	....	......	78.0	−1.1	....	......	....	......	....	......	....	......	....	......	....	......
Mena	41.0	−0.4	45.1	+0.9	58.4	+5.8	62.9	+1.3	67.3	−1.5	74 6	−2.0	77.8	−2.5	78.5	−1.7	73.8	−0.5	61.8	−1.5	54 4	+2.5	38.4	−4.5	61.2	−0.3
Monticello	44.2	......	49.6	......	63 2	......	65.0	......	68.6	......	78.2	......	79.6	......	80 0	......	77.4	......	63.4	......	56.5	......	40 6	......	63.9	......
Morrilton	40.0	−0.6	43.8	−0.7	59.2	+7.9	64.6	+2.8	68 7	−0.7	77.4	−1.0	79.4	−3.2	79 8	−1.9	74.7	−0.4	59.4	−4.2	....	......	35.3	−8.6	....	......
Mountain Home	36 5	−1.3	39.6	−1.8	56.0	+6 2	59.8	+0.6	63.6	−3.1	72.1	−2.7	76.4	−3.0	77.3	−1.3	71.2	−0 6	59 2	−1.5	50.6	+2.1	35.0	−5.0	58.1	−1.0
Mount Ida	40.7	−0 2	44.8	+0.1	57.8	+5.7	62.2	+1.2	65.7	−2.3	75.6	−0.3	77.0	−2.9	77.6	−2.0	73.2	+0.1	60.4	−1.6	53.1	+3.0	37.7	−5.5	60.5	−0.4
Nashville	43.0	......	47.4	......	60.6	......	64.6	......	68.3	......	77 4	......	79.9	......	79.8[c]	......	76.0	......	63.0	......	56.3	......	41.1	......	63.1	......
Newport	39.9	+0.2	43 2	+0.8	59.6	+7.0	64.2	+2 4	67.1	−2.9	76.2	−1.8	80.2	−1.3	81.0	+0.6	75 2	+0.9	61.3	+1.1	53.3	+2.4	37.6	−4.8	61.6	+0.2
Nimrod	41.6	......	41.8	......	56.5[a]	......	60.9	......	65.0	......	74 2[a]	......	77.8	......	78.2	......	73.2	......	60.4	......	54.0	......	36.9	......	60.1	......
Oden	41.6	......	44.4	......	58.9	......	62.5	......	64.4[f]	......	75.1	......	79.2	......	79.6	......	74.7	......	61.7	......	55.8	......	40.1	......	61.5	......
Okay	44.0	−1.0	48.4	−0.4	61.7	+6.0	64.4	+0.1	68.8	−2 4	77.8	−1.4	79.0	−3.9	80.0	−2.8	77.0	+0.1	63.1	−2.9	57.1	+4.1	42 3	−4.6	63.6	−0.8
Ozark	40.2	0.0	44.3	+0.8	57.9	+5.2	62.8	+1.0	66.5	−3.0	75.2	−2.7	79.0	−3.2	79 8	−2.4	74 8	−0.8	60.7	−2.9	53.7	+2.7	36.9	−5 0	61.0	−0.9
Paragould	36.6	......	40.9	......	57.8	......	61.4	......	65 4	......	74.8	......	78.5	......	78.4	......	72 8	......	58.6	......	51.6	......	35.0	......	59.3	......
Perryville	42.2	+2.3	....	......	....	......	63.1	+3.0	65 8	−1.7	75.4	−0.1	77.9	−1 9	79.8	+0.2	74.7	+1.7	63.2	+2.1	....	......	....	......	....	......
Pine Bluff	44.0	+0.1	47.9	+1.4	61.8	+6.7	66.2	+2.7	69.5	−1.9	78.3	−1.0	81.0	−1.5	81.7	−0.4	77 7	+1.2	63.2	−1.7	57.0	+3.8	41.5	−3.7	64.2	+0.4
Pocahontas	37.6	−1 0	42.7	+2.0	58.0	+6.9	62.0	+1.8	65.2	−3.3	74.4	−2.3	79.4	−1.2	80.3	+0.6	73 8	+0.4	59.9	−1.9	51 4	+1.4	....	......	....	......
Portland	45.4	−1.2	51.4	+2.2	63.4	+6.6	66.4	+1.9	69 6	−2.1	78.1	−1.5	80.2	−1.6	80 3	−1.1	77.3	+1.2	63.6	−1.4	57.8	+3.6	42.7	−4.7	64 6	+0 2
Prescott	44 6	+0.2	48.9	+1.1	62.2	+6.3	66.2	+2.4	69.9	−1.5	78.4	−0.7	80.6	−1.8	80.8	−1.3	77.8	+1.3	63.9	−1 6	58.0	+4 1	42.6	−2.8	64.5	+0.5
Rogers	37.0	−0.1	39.8	+0.2	55 0	+5.9	58.6	−0.1	62.1	−3.9	70.6	−3.2	75.0	−3.0	76.1	−1 7	71.2	0.0	58.8	−1.2	50.6	+1.9	34.2	−5.1	57.4	−0.9
Russellville	40.6	+0 8	43.4	+2.0	58.8	+6.4	64 2	+3.1	67.0	−3.0	76.4	−1.4	79 2	−2 3	79.8	−0.6	74.8	+0.7	61.5	−0.3	53.3	+3.3	37.1[b]	−4.9	61.3	+0.3
St. Charles	43.4	......	47.2	......	62.2	......	66.2	......	68.4[a]	......	77.6	......	80.8	......	79.8	......	75.8	......	62.0	......	55.6	......	39 5	......	63.2	......
Searcy	40.3	−0.2	43.4	−1.4	59.2	+6.9	63.2	+2.0	66.0	−3 0	75.3	−2 2	78.8	−2.4	81 2	+0 5	75.2	+0.7	61.8	−1.1	54.0	+3.2	38.2	−4.8	61.4	−0.2
Sheridan (near)	42.8[a]	......	45.2	......	60.4	......	63.8	......	66.4	......	75.4	......	77.7	......	81.2	......	71.7	......	60.7	......	54.8	......	38.4	......	61.3	......
Siloam Springs	37.0	......	41.2	......	55.0	......	58.4	......	63.0	......	71.6[a]	......	75.1	......	76.4	......	71.3	......	58.6[a]	......	51.4	......	35.0	......	57.8	......
Stuttgart	42.6	−0.2	46.6	+1.6	61.3	+7.4	64.9	+2.6	67.8	−2.3	77.3	−0.8	80.1	−1.2	80.4	−0.5	76.2	+1.1	61.9	−2.1	55.0	+2.7	39.8	−4.3	62.8	+0.3
Stuttgart (Evap)	41.0	......	44.8	......	61.6	......	64 2	......	67.0	......	77.0	......	79.6	......	79.6	......	75.0	......	60.6[a]	......	52.3	......	38.2	......	61.8	......
Subiaco	39 7	−1.7	43.8	0 0	58.8	+5.7	62.8	+0.9	67.4	−2.5	76.0	−2.0	80.4	−1.9	81.1	−1.1	74.7	−0.8	60.9	−3.1	53.8	+1.8	36.4	−6.7	61.3	−1.0
Texarkana	43.7	−2.6	48.5	+0.1	61.4	−5.2	64.8	+0.6	69.4	−2.0	78.4	−0.7	80.2	−2.3	80.8	−1.5	77 1	+0.3	63.7	−2.1	57.7	+2.5	42.1	−4.8	64.0	−0.6
Turnpike	36.5	......	38.8	......	53 6	......	57.8	......	61.2	......	69.0	......	74.0	......	74.8	......	68.6	......	56.8	......	47.3	......	33.2	......	56.0	......
Waldron	40.1	......	44.2	......	58.4	......	62.5	......	67.2	......	75.4	......	77.7	......	78.3	......	73.6	......	59.9	......	53.0[d]	......	37.8	......	60.7	......
Warren	45.6	+0.7	50.3	+2.7	63.8	+7.8	65.6	+1.8	69.0	−2.5	78.7	−0.6	80.0	−2.4	80.8	−1.1	77.9	+1.7	63.0	−1.8	59.9	+6.1	43.4	−2.3	64.8	+0.8
White Rock	36 0	......	39.2	......	53.9	......	57.1	......	61.5	......	69.1	......	74.6	......	76.2	......	69.8	......	57.6	......	50.0	......	33.4	......	56.5	......
Wilson	37.2	−3.1	42.6	−0.9	59.3	+7.5	62.4	+1 3	66.4	−3.4	74.8	−2.5	78.4	−2.5	78.3	−1.2	72.4	−1.2	58.5	−4.7	52.4	+2.1	35.8	−6.8	59.9	−1.3
Wynne	38.6	−2.4	43 0	−1.3	59.2	+7.4	61.8	+2.1	65.2	−4.3	74.7	−3.0	....	......	....	......	....	......	....	......	....	......	....	......	....	......

Departures from the normal temperatures are based on records of 10 years or more. Reference letters a b c appearing in the table indicate number days missing.

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1945

Stations	Jan.			Feb.			Mar.			Apr.			May			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Arkadelphia	15.2	4.6	8.4	25.5	4.4	10.0	30.3	9.9	16.1	26.6	6.4	10.7	24.2	4.5	9.9	25.3	4.2	9.6	6.7	3.8	4.7	5.7	3.8	4.3	15.1	3.7	6.1	12.3	4.7	7.1	8.6	4.5	6.7	7.9	4.5	6.0
ArkansasCity	25.7	11.4	20.9	29.7	5.8	13.1	44.3	30.5	38.8	46.3	44.1	45.3	44.1	33.1	36.4	38.4	28.9	34.6	38.3	15.8	26.6	15.4	10.8	13.1	13.3	6.6	8.3	27.5	10.3	19.1	19.8	9.1	13.8	20.5	12.1	16.9
Batesville	6.8	5.3	5.8	31.3	5.2	12.0	33.2	15.3	23.6	41.3	17.7	25.9	23.9	14.8	17.8	34.9	12.3	20.0	13.6	7.7	11.0	7.9	5.8	7.0	14.8	5.7	7.6	14.9	8.3	10.7	9.4	7.0	8.1	7.9	6.7	7.2
Benton	9.6	6.3	7.7	24.6	5.4	8.7	23.5	7.4	11.4	22.0	6.8	9.2	24.0	5.1	8.3	21.6	4.7	8.4	7.4	4.0	5.2	6.9	3.8	4.6	10.6	3.7	5.6	9.3	4.6	5.9	9.9	5.1	6.7	6.6	5.3	6.1
Big Lake Out	7.1	5.1	5.9	12.3	4.7	6.8	16.4	12.7	15.1	17.5	14.6	16.3	15.2	12.2	13.8	18.3	10.6	13.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Black Rock	2.1	1.5	1.8	25.3	1.3	6.8	29.0	21.4	23.1	27.2	20.8	24.3	23.4	11.2	18.1	27.0	8.9	20.0	20.9	5.5	10.5	5.4	3.8	4.4	15.4	3.3	5.5	11.6	4.1	6.9	4.8	3.9	4.3	4.2	3.1	3.6
Boughton	18.0	6.2	9.6	21.6	5.3	9.8	27.2	9.4	16.3	22.2	6.5	10.6	19.6	5.3	9.0	22.1	4.7	8.7	5.7	4.1	4.6	5.2	4.1	4.6	10.2	4.2	5.2	7.9	4.2	5.4	9.6	4.5	6.0	7.0	5.2	5.9
CalicoRock	1.6	0.7	1.2	27.3	0.8	7.1	29.5	8.0	16.9	48.8	11.0	20.3	16.5	9.2	11.3	31.4	6.3	13.4	8.0	1.8	5.2	2.4	0.6	1.7	8.2	0.3	2.2	8.6	2.8	5.2	3.9	1.6	2.8	2.9	2.0	2.3
Camden	34.4	11.6	22.2	35.8	6.8	15.4	38.2	28.9	33.0	44.8	16.9	27.0	34.8	10.7	20.8	38.8	6.6	19.5	11.8	4.4	7.1	8.5	4.8	5.6	18.7	3.9	6.2	19.9	5.3	10.3	21.0	5.4	12.1	16.4	7.5	10.7
Clarendon	20.4	13.3	17.8	26.9	10.1	14.7	33.4	27.8	32.2	39.1	33.1	36.4	34.8	28.1	29.7	35.6	26.4	30.3	32.2	16.8	25.7	16.1	10.6	12.0	16.8	9.0	11.1	22.8	14.3	19.1	20.9	15.5	18.3	17.9	14.5	15.6
Cotter	2.7	1.7	2.2	22.8	1.9	7.3	22.8	6.2	13.7	40.9	8.0	16.6	15.5	6.2	8.9	23.2	5.2	10.4	5.5	2.4	4.0	2.9	1.3	2.0	9.1	1.1	2.7	9.9	2.4	5.4	4.0	2.3	3.2	2.9	1.8	2.1
Danville	13.1	4.3	7.0	27.0	3.9	12.0	29.5	17.2	22.5	26.0	8.3	14.6	27.5	4.2	11.3	29.5	3.2	12.1	5.1	2.8	3.5	4.0	2.5	3.0	19.3	2.6	6.5	17.7	3.3	7.1	6.2	3.4	4.0	4.0	3.2	3.5
Dardanelle	6.3	4.2	5.2	21.4	4.0	9.1	27.1	14.2	21.2	33.5	10.9	23.5	22.2	8.3	15.9	29.5	7.7	16.9	19.0	5.9	11.4	8.7	4.1	5.4	23.0	1.5	5.1	27.7	5.7	14.9	5.4	3.4	4.3	3.3	2.2	2.8
Des Arc	13.8	6.2	9.9	26.5	4.4	10.6	34.5	28.0	32.6	36.2	26.0	29.6	25.8	23.4	24.4	27.7	21.2	24.6	24.6	10.6	19.1	10.2	6.3	7.5	15.8	5.0	7.2	18.8	9.3	14.2	14.7	9.8	12.0	10.4	8.2	9.4
Fulton	17.1	7.4	10.7	27.9	6.6	13.1	32.2	23.1	27.3	37.4	18.4	24.4	23.0	13.6	18.9	28.8	9.1	19.4	19.6	10.8	16.2	14.1	9.7	11.6	19.8	7.2	8.9	23.2	14.1	18.5	13.3	9.0	10.2	10.6	7.0	8.6
Georgetown	9.4	3.3	6.0	25.2	1.5	8.5	29.8	26.1	28.3	32.0	23.7	26.7	23.5	21.7	22.5	25.2	19.4	20.8	22.6	8.4	16.7	8.1	4.4	5.7	14.9	3.2	5.6	17.2	6.8	11.9	11.4	6.9	8.7	7.6	5.8	6.6
Gilbert	4.2	3.7	3.8	25.2	3.7	5.7	30.4	5.0	9.4	42.0	5.7	9.7	13.0	4.6	6.1	34.0	4.4	7.9	5.4	4.3	4.6	4.5	4.0	4.2	6.5	3.8	4.4	5.5	4.2	4.6	5.0	4.3	4.5	4.5	4.1	4.3
Glenwood	6.6	5.0	6.0	12.6	5.4	6.3	27.0	6.2	7.6	8.6	5.8	6.3	13.3	5.2	6.2	11.1	5.1	5.9	5.4	5.0	5.1	5.6	5.0	5.1	7.4	5.0	5.4	6.5	5.2	5.5	6.4	5.2	5.6	5.8	5.4	5.6
Heber Spgs	8.1	5.1	6.2	34.6	4.1	8.9	35.7	7.1	12.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	30.9	14.8	24.7	34.3	7.5	15.9	48.1	35.0	43.4	49.3	43.3	46.7	42.9	32.6	36.6	40.7	29.5	36.3	40.7	15.3	24.6	15.4	11.7	14.0	17.3	7.9	9.9	26.0	10.7	18.0	23.2	10.1	15.2	23.6	13.7	19.1
Index	12.6	6.0	8.1	23.2	5.9	11.5	27.5	15.8	20.8	28.4	15.2	20.2	19.5	12.8	16.9	24.6	8.1	16.7	18.8	10.7	15.7	13.6	9.2	10.9	16.6	7.1	8.1	20.9	12.8	16.6	12.4	7.6	8.7	7.6	5.6	6.3
Little Rock	6.1	2.7	3.8	18.3	2.1	6.4	24.0	13.9	18.7	28.1	11.8	21.8	20.8	7.0	13.8	24.0	6.1	14.2	14.6	4.2	8.6	6.1	3.0	3.8	16.5	1.9	3.8	21.2	4.6	12.0	4.6	3.2	3.7	3.0	2.0	2.4
Madison	15.0	6.2	10.6	18.2	3.6	8.3	32.1	19.5	27.1	34.8	32.4	33.9	32.9	....	....	....	....	....	31.9	11.2	20.3	10.9	7.4	9.0	....	....	....	....	....	....	....	....	....	....	....	....
Marked Tree	9.2	7.2	8.2	10.4	7.6	7.7	11.3	7.4	9.6	14.5	10.0	12.0	10.6	6.9	8.7	12.1	3.6	9.3	10.3	5.6	7.2	7.8	7.0	7.4	7.3	4.8	6.2	8.3	7.0	7.9	9.0	5.5	8.0	8.4	7.7	8.0
Morrilton	2.4	-0.2	0.8	17.4	-0.6	4.5	23.9	12.2	18.1	30.4	8.4	20.6	18.8	3.7	11.7	23.3	3.3	12.4	13.3	1.1	6.2	4.0	-0.8	0.4	16.8	-2.6	0.2	21.6	1.3	10.2	2.0	-1.1	-0.3	-1.1	-2.4	-2.0
Mulberry	2.0	1.6	1.8	17.0	1.5	3.3	15.3	2.9	5.7	19.7	2.4	5.2	10.4	1.6	2.8	15.1	1.4	3.5	1.8	1.1	1.4	1.1	0.8	0.9	2.7	0.7	1.3	2.2	1.2	1.5	2.0	1.1	1.5	1.6	1.2	1.3
Newport	2.7	0.5	1.4	29.9	0.1	8.5	31.6	25.2	29.0	35.9	26.9	30.8	27.3	20.3	24.0	32.3	14.6	25.1	23.5	4.7	12.8	4.9	2.0	3.3	14.8	1.5	4.2	16.3	4.7	9.3	6.2	3.3	4.5	4.1	3.0	3.5
Ozark	3.7	2.0	2.8	15.6	1.9	6.0	25.4	11.4	17.2	35.9	7.9	20.9	18.4	5.5	12.4	25.8	4.6	13.6	16.0	3.5	8.7	5.3	2.1	3.1	21.5	0.1	3.4	25.8	3.8	12.5	3.6	1.9	2.6	1.9	1.3	1.6
Parkin	13.6	7.1	10.0	15.5	4.5	9.4	27.0	17.1	22.3	30.7	27.4	29.9	29.2	21.7	25.7	29.2	17.3	23.4	29.0	9.8	18.4	10.0	7.7	8.8	7.6	5.4	6.3	11.3	7.3	9.7	15.0	6.9	12.6	11.2	8.4	9.9
Pine Bluff	8.3	3.2	5.0	20.1	2.5	7.1	26.8	17.4	21.8	32.0	16.4	25.2	24.3	9.4	17.3	26.4	8.3	16.9	17.1	5.6	10.9	7.9	3.8	4.9	18.7	2.5	4.4	24.5	7.0	15.4	6.9	4.8	5.7	4.7	3.2	3.8
St. Charles	21.0	13.4	18.5	23.7	9.9	13.8	35.0	24.2	31.4	39.2	35.2	37.4	37.3	26.5	29.4	33.6	25.1	28.3	32.6	18.9	26.0	17.4	10.4	12.0	14.1	8.8	10.5	22.2	13.9	18.6	20.5	14.6	17.8	18.3	14.2	15.5
St. Francis	5.4	3.2	3.9	17.9	3.3	7.8	20.3	13.4	18.4	23.4	20.1	21.8	22.8	20.0	21.0	21.5	18.9	18.7	19.5	19.0	19.2	19.0	10.8	17.2	17.4	3.3	7.9	18.8	8.8	15.1	17.6	10.1	13.3	10.7	6.5	8.5
St.FrancisLL	20.4	19.0	19.7	22.6	18.5	19.7	26.3	22.9	24.9	28.2	26.4	27.7	27.1	24.6	25.9	28.7	24.2	26.1	27.1	22.1	23.7	22.0	20.3	21.1	20.2	16.8	18.3	22.4	19.3	21.2	21.8	19.7	21.1	21.2	19.9	20.6
Sugar Loaf	....	....	....	....	....	....	....	....	....	29.1	6.1	10.9	14.1	4.2	6.1	35.7	3.7	9.8	5.3	3.1	3.8	3.6	2.7	3.1	7.2	2.6	3.9	6.1	3.5	4.3	9.0	3.6	5.1	5.8	4.2	4.8
Van Buren	7.6	5.8	6.7	19.3	6.0	9.8	29.8	16.1	21.5	38.1	11.4	24.5	22.2	9.8	16.3	26.7	9.1	17.1	20.4	8.2	12.9	10.8	6.5	7.6	26.8	4.1	7.7	29.4	7.6	16.0	7.3	5.0	5.9	5.2	4.4	4.9
Whitecliffs	22.9	2.0	8.7	28.0	2.4	19.8	32.6	22.6	25.9	33.5	10.0	19.3	26.5	4.0	15.5	26.9	2.0	15.0	13.5	2.2	7.2	9.8	1.0	4.2	22.2	0.4	3.3	25.5	4.5	13.1	5.8	2.2	4.4	5.0	2.0	3.1

FLOODS IN 1945

Several floods occurred on all the rivers of the State during the year. The April flood, however, was the most severe and destructive, with stages exceeding those in May, 1943 at many stations on the White, Black and Ouachita rivers. Eight rises to flood stage or higher occurred at Camden on the Ouachita River, and the lower portion of the river was continually in flood from the latter part of February to the middle of April. Flood stages were reached in March, April, and June on the Arkansas River. The White River at Newport was in flood from February 24th to March 16th, March 20th to May 1st, May 18th to 22d, and June 12th to June 28th. The lower portion of the White River was in flood from February to July.

In addition to the extensive damage to highways, bridges, levees, and railroads, these recurrent floods caused a large loss to farmers and planters. Large areas of fertile bottom land were inundated for considerable periods of time. In some areas the soil did not dry out until it was too late in the season to replant cotton and corn.

WEATHER BY MONTHS

January:—The month was slightly cooler and considerably drier than normal. No sub-zero temperatures were recorded in the State but freezing weather was experienced to the southern border on several occasions. Precipitation was above normal at a few stations in the southern section but was quite light in other parts of the State. Snowfall was about normal.

February:—The month was the second wettest February of record. Precipitation was more than twice the normal amount and exceeded ten inches at some west-central stations. A severe ice storm on the 26th-27th disrupted highway traffic, and crippled telephone and telegraph service for several days. Although temperatures were near normal, little outside farm work was accomplished because of the frequent rains and flooded lowlands.

March:—Unseasonably warm weather prevailed during most of March. After the first ten days, during which some freezing weather occurred, temperatures were almost continually above normal. This was the wettest March of record Some stations in the western section measured more than 18 inches of rain during the month.

April:—Mild, wet weather prevailed during the month. Precipitation was quite heavy, especially in the northern and northwestern sections. Farm activities were considerably delayed by adverse weather conditions Much land was too wet to plant or cultivate crops. Tornadoes killed twenty-two people on the 12th.

May:—With subnormal temperatures prevailing until the 23d of the month, this was the coolest May since 1931. Precipitation was slightly above normal. Planting, growth, and cultivation of crops was further delayed by cool, wet weather. Much corn and cotton had to be replanted. On the 1st, a severe hailstorm caused considerable damage to crops and orchards in Howard and adjoining counties.

June:—The month was cool and wet. This was the second wettest June in 55 years, some stations measuring more than 15 inches of rain during the month. Weather conditions were unfavorable for growth and cultivation of crops, and some growing crops were lost because of floods.

July:—This was the coolest July in many years. Only about half of the stations reported temperatures of 100° or higher. Rainfall was sufficient for crop growth, and most crops were in good condition at the end of the month.

August:—Although temperatures averaged slightly below normal over the State, it was the warmest month of the year. Precipitation averaged 88% of normal and was sufficient to maintain soil moisture in most sections of the State. All crops made good progress. Cotton picking was underway by the end of the month.

September:—Precipitation was exceptionally heavy in most sections of the State, some stations in the northwestern section measuring over 14 inches. This was the wettest September in over 20 years. The frequent rains and resulting wet fields delayed the harvesting of crops. Temperatures averaged close to normal.

October:—Temperatures averaged about two degrees below

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers
Abbott	J. V. Williams	Hope	Univ. of Arkansas
Alum Fork	L. R. Water Works	Hot Springs	National Park Service
Aplin	J. C. Lawrence	Huttig	U. S. Engineers
Arkadelphia	W. H. Halliburton	Index	W. E. McDowell
Arkansas City	John W. Trammell	Jessieville	U. S. Forest Service
Ashdown	Southwest G. & E. Co.	Jonesboro	Benedictine Sisters
Augusta	David G. Griffiths	Lake City	Mrs. Tressa Nichols
Batesville Airwy	Airway Observer	Lead Hill	F. W. Kellogg
BatesvilleLivstk.	Univ. of Arkansas	Little Rock	U. S. Weather Bureau
Batesville River.	C. M. Barnwell	Lutherville	Mrs H. G. Lenhardt
Beaty Lake(near	L. G. Adamson	Madison	J. W. Eppes
Beaver	H. E. Skelton	Magnolia	State Agri, School
Bee Branch	Minnie Scanlan	Mammoth Spring	L. A. O'Neal
Beech Grove	B. B. Hammond	Marianna	University of Ark.
Beedeville	Richard C. Roy	Marked Tree	Charles Walton
Benton	Mrs. Etta C. Burks	Marshall	Roy Richardson
Bentonville	E. L. Browne	Marvell	J. A. Lowrie
Bethesda	Soil Conservation Ser.	Melbourne	Fred L. Coger
Big Flat	W. C. Norman	Mena	E. W, St. John
Big Lake Outlet	N. W. Douglas	Monticello	Airway Observer
Black Rock	John H Ragan	Moro Bay(near)	U. S. Engineers
Bluff City	Ark. Forestry Comm.	Morrilton	L. A. Dicus
Blytheville	R. E. Blaylock	Mountainburg	C. A. Lovell
Booneville(near)	F. H. Randolph	Mountain Home	H. N. Halbert
Booneville	J. E. Peoples	Mountain View	Corbin E. Moody
Boughton	Katie B. Moore	Mount Ida	J. S. Whittington
Bradford	Marshall Hickmon	Mulberry	H. G. Arvin
Brinkley	U. S. Weather Bureau	Nashville	Brice Carruth
Burdette	G. A. Hale	New Hope	....
Calico Rock	William Jones	Newport	Willis T. Moyer
Camden	John M. Knight	Nimrod Dam	U. S. Engineers
Camp Chaffee	U. S. Army	Odell (near)	Mrs. Renzo Hurst
Camp Robinson.	U. S. Army	Oden	U. S Forest Service
Carlisle	R. W. Hollis	Okay	Joe T. Hargis
Clarendon	B. F. Northern	Osceola	C. E. Carter
Cold Springs	Margaret Zornes	Ozark	O. O. Milton
Conway	G. Y. Short	Paragould	J. E. Garrett
Corning	Laura Polk	Parkin	Carroll King
Cotter	O. B. McSpadden	Perryville	Gordon A. Bennett
Crossett(near)	U. S. Forest Service	Pine Bluff	Mary T. Scheu
Crystal Valley	Mrs. Dulcie Thornton	Pine Ridge	J. R. Huddleston
Cummins Farm	T. C. Cogbill	Pocahontas	Benedictine Sisters
Danville	J. A. Moudy	Portland	Pearl E Newton
Dardanelle	G. M. Goodier	Prescott	O. J. Stephenson
De Queen	L. D. McCowan	Ratcliff	Lula M. Weeks
Dermott	Kay D. McNeely	Red Star	Orvall F. Calloway
Des Arc	Z. R. Glenn	Rogers	Howard Fowler
Devils Knob	U. S. Forest Service	Rosebud	J. H. Noggle
Dumas	Ben Johnson	Russellville	U. S. Forest Service
Eagle Gap	Mina C. Rabb	St Charles	U. S BiologicalSurvey
El Dorado	Hugh B. Beecroft	St. Francis	W. S. Buckley
Eleven Point	John H. Jackson	Searcy	Arthur D. Smith
England	....	Sheridan (near)	Ark. Forestry Comm.
Eureka Springs.	George W. Nichoalds	Shirley	Maude H. Bradford
Evening Shade.	Opha Wolfe	Siloam Springs	John Brown Univ.
Fayetteville	Charles F. Ford	Sparkman	....
FayettevilleExp.	Univ. of Arkansas	Stamps (near)	Ark. Forestry Comm.
Fordyce	Ark. Forestry Comm.	Stephens	Ark. Forestry Comm.
Forester	Mary A. Mathews	Steve	T. B. Sims
Fort Smith	U. S. Weather Bureau	Story	S. C. Story
Ft. Smith Wt. P.	R. J. Schoeppe	Stuttgart	George L. Clark
Fulton	Ina J. Logan	Stuttgart Evap.	Univ. of Arkansas
Garland	L. D. Denney	Subiaco	New Subiaco Abbey
Georgetown	J. S. McDonald	Sugar Grove.	O. R. Fennell
Gilbert	D. O. Dennis	Texarkana	U. S. Weather Bureau
Glenwood	C. A. Price	Tichnor	W. W. Pike
Grannis	W. E. McVay	Turnpike	U. S. Forest Service
Gravelly	Walter C. Moody	Viola	S. T. Jennings
Gravette	J. A. Schmidt	Waldron	William D. Bivins
Green Forest	Mrs. Ella Mulford	Walnut Grove(near)	A. H. Fast
Green Mountain	U. S. Forest Service	Warren	C. N. Turner
Greenwood	M R. Spicer	Whitecliffs	L M. Snead
Harrison	J. M. McGaughey	White Rock	U. S. Forest Service
Helena	James A. Burnett	Wilson	D. O. Anderson
Henderson	Audie M. Jones	Wynne	....

normal during the month. Precipitation ranged from more than five inches in the southern section to less than two inches at many northern stations. Harvesting of cotton, corn, rice and other crops proceeded under favorable weather conditions.

November:—Mild weather prevailed most of the month with temperatures averaging about two degrees above normal. Precipitation was quite heavy in the eastern section but light in the northwestern district. Cotton picking progressed fairly well but there was still a considerable amount of cotton in the fields at the end of the month.

December:—This was the coldest month of the year and the coldest December in many years. Practically all stations in the State recorded their lowest temperatures of the year on the 19th or 20th. Precipitation was only 50% of normal. The heaviest snowfall of the year occurred on the night of the 17th-18th.

EXCESSIVE PRECIPITATION FOR 1945

Station and date	Maximum amounts of precipitation										
	5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min	100 min.	120 min.	150 min.	180 min.
FORT SMITH											
Mar. 21	0.42	0.71	1.10	1 23	1.27	1.29	1.30	1.44	1.60	1.61	2.02
Mar. 24	0.36	0.58	0.77	0.83	0.96	1.01	1.11	1.21	1.22	1.25	1.27
April 13-14	0.39	0.50	1.04	1.26	1.43	1.46	1.51	1.54	1.58	1.66	1.69
June 9	0.42	0.70	1.15	1.66	2.11	2.47	3.15	3.60	4.34	4.65	4.67
June 10	0.41	0.74	1.31	1.43	1.54	1.60	1.63	1.85	2.04	2.78	2 92
June 10	0.58	0.99	1.41	1.54	1.65	1.67	1.69	1.70	1.72	1.75	1.77
July 26	0.34	0.59	1 00	1.18	1.23	1.24	1.24	1.24	1.24	1.26	1.26
Sept. 12	0.31	0.48	0.69	0.82	0.97	1.30	1.49	1 81	1.98	2.17	2.42
Sept. 25	0.36	0.75	0.90	0.93	0.96	1.02	1.15	1.29	1.39	1.45	1.46
LITTLE ROCK											
May 11	0.27	0.39	0 75	1.02	1.28	1.34	1.37	1.40	1.42	1.43	1.49
May 15	0.31	0.56	0.63	0.83	0.87	0.91	0.93	1.07	1.16	1.31	1.77
June 17	0.31	0.57	0.84	0.99	1.24	1.43	1.61	1.72	1.85	2.00	2.08
July 1	0.30	0.55	0.72	0.73	0.73	0.94	0.95	0.96	0.97	1.00	1.09
July 26	0.28	0.45	0.68	0.96	1.51	1.75	1.80	1.80	1.80	1.80	1.80
Sept. 25	0.42	0 78	1.21	1.38	1.53	1.56	1.57	1.58	1.59	1.62	1.64

KILLING FROSTS, 1945

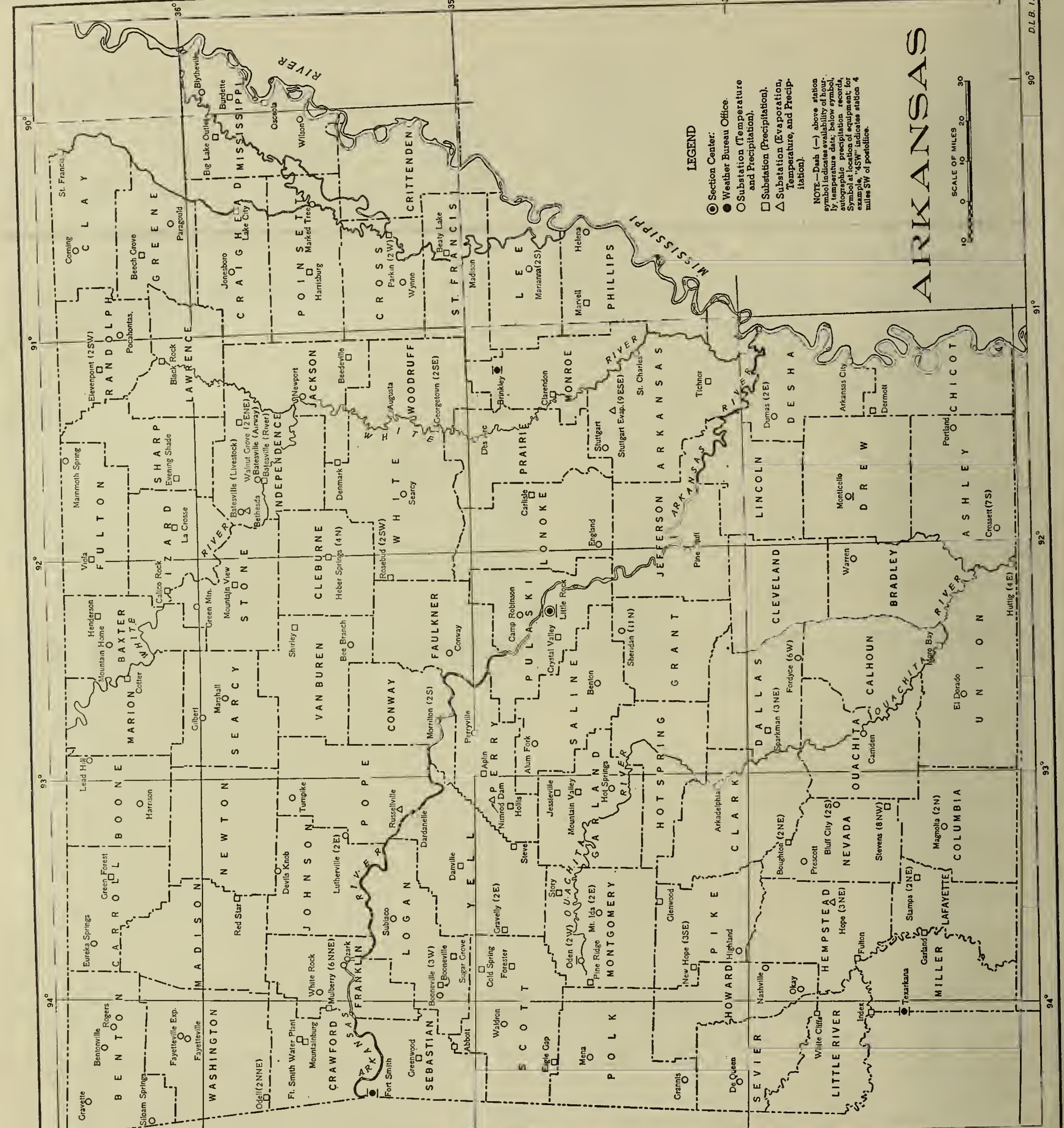
Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Alum Fork Res	Apr. 6	Nov.22	230	Jessieville	Apr. 5	Nov.22	231
Arkadelphia	*Apr. 6	*Nov.22	230	Jonesboro	Apr. 6	Nov.22	230
Arkansas City	*Feb. 28	Nov.22	267	Lead Hill	*May 5	Nov. 4	183
Ashdown	*Mar. 7	....	....	LITTLE ROCK	*Mar. 7	Nov.22	260
Batesville	*Apr. 6	*Nov. 4	212	Lutherville	Apr. 6	*Nov.22	230
Bee Branch	*Mar. 22	*Nov. 4	227	Madison	*Mar. 7	Nov.22	260
Benton	*Apr. 7	Nov 22	229	Magnolia	Mar. 7	Nov.22	260
Bentonville	*Apr. 6	Nov. 9	217	MammothSpring	Apr. 5	Nov. 4	213
Bethesda	*Apr. 5	Nov. 4	213	Marianna	*Mar. 1	Nov.22	266
Big Lake Outlet	*Mar. 9	Nov.15	251	Marked Tree	Mar. 9	Nov. 4	240
Black Rock	*Apr. 6	Nov. 4	213	Marshall	*Apr. 4	Nov. 4	214
Blytheville	*Mar. 9	*Nov. 4	240	Mena	Apr. 6	*Nov.22	230
Booneville	*Apr. 5	Nov.22	231	Monticello	Feb. 8	*Nov.22	287
Boughton	*Mar. 7	Nov.22	260	Morrilton	Mar. 9	Nov.22	258
Brinkley	*Mar. 8	Nov.22	259	Mountainburg	Apr. 6	Nov.22	230
Calico Rock	*Apr. 6	Nov. 4	212	Mountain Home	*Apr. 6	*Nov. 4	212
Camden	*Mar. 7	Nov 22	260	Mount Ida	Apr. 7	*Nov. 4	211
Camp Chaffee	*Apr. 5	Nov 22	231	Mulberry	Apr. 5	Nov.22	231
Camp Robinson	*Mar. 7	Nov.22	260	Nashville	Apr. 5	Nov.22	231
Clarendon	Apr. 7	Nov.22	229	Newport	Mar. 9	Nov. 4	240
Conway	*Apr. 5	Nov.22	231	Nimrod Dam	*Apr. 6	*Nov.22	230
Corning	*Mar. 9	*Nov. 4	240	Oden	*Apr. 6	Nov.20	228
Cotter	*Apr. 6	Nov. 4	212	Okay	*Mar. 7	Nov.22	260
Crossett	*Mar. 22	*Nov.22	245	Ozark	*Apr. 5	*Nov.22	231
Cummins Farm	*Mar. 7	*Nov 23	261	Paragould	*Mar. 7	Nov.22	260
Danville	*Mar. 9	Nov.22	258	Parkin	Mar. 8	Nov. 4	241
Dardanelle	*Apr. 5	*Nov.22	231	Perryville	*Apr. 6	*Nov.22	230
De Queen	*Mar. 9	*Nov 22	258	Pine Bluff	*Feb. 27	*Nov.22	268
Des Arc	*Mar. 7	*Nov.22	260	Pine Ridge	*Apr. 6	Nov.22	230
Devils Knob	*Apr. 5	*Nov.10	219	Pocahontas	*Apr. 5	Nov. 4	213
Dumas	*Feb. 18	*Nov.22	277	Portland	*Feb. 8	Nov.23	288
El Dorado	*Feb. 8	*Nov.22	287	Prescott	*Mar. 7	Nov.22	260
Eureka Springs	Apr. 5	Nov.22	231	Rogers	Apr. 5	Nov.22	231
Fayetteville	Apr. 6	*Nov. 4	212	Russellville	*Apr. 5	Nov.22	231
Fayetteville Ex	Apr. 5	*Nov. 4	213	St. Charles	*Mar. 7	*Nov.22	260
Fordyce	*Mar. 7	*Nov.22	260	St. Francis	*Mar. 9	Nov 4	240
Fort Smith.	Mar. 7	Nov.22	260	Searcy	*Apr. 5	*Nov.22	231
F. Smith Water	Apr. 7	Nov.22	230	Sheridan	Apr. 5	*Nov.22	231
Fulton	*Mar. 7	Nov.22	260	Siloam Springs	*Apr. 6	Nov.22	230
Garland	*Mar. 7	Nov.22	260	Story	*Apr. 7	Nov 22	229
Georgetown	*Mar. 7	Nov.22	260	Stuttgart	*Feb. 28	Nov.22	267
Gilbert	*Apr. 8	Nov. 4	210	Stuttgart Evap.	*Feb. 28	Nov.22	267
Glenwood	*Apr. 5	Nov.22	231	Subiaco	*Mar. 9	Nov.22	258
Grannis	*Apr. 5	Nov.22	231	Texarkana	Feb 8	Nov.22	286
Gravette	*May 5	*Nov. 3	182	Turnpike	*Apr. 5	Nov. 9	218
GreenMountain	*Apr. 6	*Nov.22	230	Waldron	Apr. 6	*Nov.22	250
Harrison	*Apr. 6	Nov. 4	212	Warren	*Feb. 8	Nov.23	288
Helena	*Mar. 1	Nov.22	266	White Cliffs	*Mar. 7	Nov.22	260
Hope	Feb. 23	Nov.22	272	White Rock	*Apr. 5	*Nov.21	230
Hot Springs	*Apr. 5	Nov.22	231	Wilson	*Apr. 5	*Nov.22	231
Index	*Mar. 5	Nov.22	260	Wynne	*Mar. 8	*Nov.22	259

*Indicates freezing temperature, no killing frost reported.

The departures from normal temperature and precipitation are computed from averages of the entire period for stations having 10 or more years of record.

T., less than 0.01 inch rain or melted snow. Reference letters •, ^{b}, °, appearing in the table indicate number of days missing. § Also on later dates.

†Post-office addresses of these stations as follows: Alum Fork Reservoir, Paron; Beaty Lake, Forest City: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton: Eleven Point, Rt. 1, Ravendon Springs; Fordyce, Rt. 1, Fordyce: Fort SmithWater Plt, Mountainburg: GreenMountain, Calico Rock: Huttig, Felsenthal: Index, Route 5, Texarkana; Lutherville Route 1, Lamar:Moro Bay, Route 3, ElDorado; Morrilton, Rt. 3, Morrilton: Mulberry, Rt 1, Mulberry; Nimrod, Ola; Odell, Route 1, Canehill; Rosebud Route 2, Mount Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge: Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord: White Rock, Cass,


ARKANSAS
LEGEND
◉ Section Center.
● Weather Bureau Office.
○ Substation (Temperature and Precipitation).
□ Substation (Precipitation).
△ Substation (Evaporation, Temperature, and Precipitation).
NOTE—Dash (—) above station symbol indicates availability of hourly temperature data; below symbol, autographic precipitation records, Symbol at location of equipment; for example, "4SW" indicates station 4 miles SW of postoffice.
SCALE OF MILES
10 0 10 20 30
D.L.B. 12/44
36° 35° 34° 33° 90° 91° 92° 93° 94°
MISSISSIPPI RIVER
ARKANSAS RIVER
WHITE RIVER
OUACHITA RIVER
BENTON
CARROLL
BOONE
MARION
BAXTER
FULTON
CLAY
RANDOLPH
GREENE
SHARP
LAWRENCE
IZARD
STONE
INDEPENDENCE
JACKSON
CRAIGHEAD
MISSISSIPPI
POINSETT
CROSS
CRITTENDEN
ST. FRANCIS
LEE
PHILLIPS
MONROE
WOODRUFF
PRAIRIE
WHITE
LONOKE
ARKANSAS
DESHA
CHICOT
ASHLEY
DREW
LINCOLN
JEFFERSON
CLEVELAND
BRADLEY
UNION
CALHOUN
OUACHITA
DALLAS
GRANT
PULASKI
SALINE
HOT SPRING
CLARK
GARLAND
PERRY
FAULKNER
CONWAY
VAN BUREN
CLEBURNE
SEARCY
NEWTON
MADISON
WASHINGTON
CRAWFORD
FRANKLIN
JOHNSON
POPE
YELL
LOGAN
SEBASTIAN
SCOTT
POLK
MONTGOMERY
PIKE
HOWARD
SEVIER
LITTLE RIVER
HEMPSTEAD
NEVADA
COLUMBIA
LAFAYETTE
MILLER
Gravette
Bentonville
Rogers
Siloam Springs
Fayetteville Exp.
Fayetteville
Eureka Springs
Green Forest
Lead Hill
Harrison
Mountain Home
Cotter
Henderson
Viola
Mammoth Spring
Corning
St. Francis
Elevenpoint (2SW)
Pocahontas
Beech Grove
Paragould
Black Rock
Evening Shade
La Crosse
Calico Rock
Green Mtn.
Mountain View
Batesville (Livestock)
Bethesda
Walnut Grove (2ENE)
Batesville (Airway)
Batesville (River)
Newport
Jonesboro
Lake City
Big Lake Outlet
Blytheville
Burdette
Osceola
Wilson
Harrisburg
Marked Tree
Parkin (2W)
Wynne
Bealy Lake
Madison
Marianna (2S)
Helena
Marvell
Brinkley
Clarendon
Beedeville
Augusta
Georgetown (2SE)
Des Arc
Stuttgart
Stuttgart Exp. (9ESE)
St. Charles
Tichnor
Dumas (2E)
Arkansas City
Dermott
Portland
Crossett (7S)
Monticello
Warren
Hutlig (4E)
El Dorado
Eagle Bay
Camden
Fordyce (6W)
Sparkman (3NE)
Pine Bluff
England
Carlisle
Searcy
Denmark
Rosebud (2SW)
Heber Springs (4N)
Shirley
Bee Branch
Conway
Camp Robinson
Little Rock
Crystal Valley
Sheridan (11N)
Benton
Morrilton (2S)
Perryville
Aplin
Alum Fork
Jessieville
Mountain Valley
Hot Springs
Nimrod Dam
Hollis
Steve
Arkadelphia
Boughton (2NE)
Prescott
Bluff City (2S)
Stevens (8NW)
Magnolia (2N)
Stamps (2NE)
Hope (3NE)
Garland
Fulton
Texarkana
Index
White Cliffs
Okay
Nashville
De Queen
Gravelly (2E)
Story
Oden (2W)
Mt. Ida (2E)
Pine Ridge
Glenwood
Highland
New Hope (3SE)
Gramits
Cold Spring
Forester
Waldron
Eagle Gap
Mena
Booneville (3W)
Booneville
Sugar Grove
Abbott
Danville
Dardanelle
Russellville
Subiaco
Ozark
Mulberry (6NNE)
White Rock
Lutherville (2E)
Devils Knob
Turnpike
Red Star
Fort Smith
Greenwood
Ft. Smith Water Plant
Mountainburg
Odell (2NNE)
Shirley
Marshall
Gilbert

51.05
NAR
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Nat Hist

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LI LITTLE ROCK, ARK., JANUARY, 1946 No. 1

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Temperatures averaged about normal in Arkansas during the month. The first 11 days were quite warm but somewhat colder weather prevailed during the remainder of the month. Practically all stations recorded their highest temperatures on the 6th or 25th. The coldest weather occurred on the morning of the 27th, although minima were not so low as in many previous Januarys.

On the evening of January 6th a tornado killed six people and injured 50 others in Chicot County. The storm caused property damage in excess of $50,000. High winds on the same day caused minor property damage in other sections of the State.

Precipitation averaged more than three inches above normal in the State during January. It was the wettest January since 1937 and one of the wettest of record. The heaviest monthly totals were measured in the southeastern section, the least in the northwestern counties. The first 11 days of the month were very wet, about 75% of the month's precipitation occurring during that period. The remainder of the month was comparatively dry with general rains falling on only three days. On the night of the 15th five to ten inches of snow fell over the southern half of the State. Most of the snow melted the next day and hindered highway traffic for only a few hours.

The heavy rains that fell early in January caused floods on the White, Black and Ouachita rivers and their tributaries. Stages were not so high as last year however, and a smaller acreage of lowland was inundated.

With the exception of chores, there was little farming activity during the month. Some plowing was accomplished on the higher uplands during the latter part of the month, but in many sections the soil was too wet to work. Grains and cover crops continued in good condition.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 78 stations, was 41.1°, which is 0.1° below the 56 year average for January. The highest monthly mean temperature was 45.7° at Camden, and the lowest was 34.2° at Turnpike. The highest temperature recorded was 78° at Cummins Farm on the 5th, and the lowest was 5° at Gilbert on the 27th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 103 stations, was 7.50 inches, which is 3.20 inches above the 56 year average for January The greatest monthly total was 12.91 inches at Arkansas City, and the least was 2.91 inches at Fayetteville Experiment Station. The greatest amount recorded in a 24 hour period was 5.06 inches at Marked Tree on the 8th.

B. N. W.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:---3,4,5,6,7,8.
High Winds:---5,8,15,23,25,26
Heavy Fog:---3,4,8,10,12,17.
Sleet:---2,9,14,15,29.

THE LIBRARY OF THE
APR 24 1946
UNIVERSITY OF ILLINOIS

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.59	13	29.24	2	8.0	26	nw.	23	85	73	77	44	780
Little Rock	30.61	27	29.35	5	9.1	33	se.	5	84	66	68	46	726
Memphis ..	30.59	27	29.43	5	9.1	27	s.	5	83	70	76	45	744

COMPARATIVE DATA FOR JANUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	41.6	71	13	5.34	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	− 5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	− 2	3.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	− 9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	− 5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	− 2	5.19	2.0	6	14	5	12
1907	49.2	82	− 8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	− 7	2.59	4.3	6	16	6	9
1911	47.6	86	− 9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	− 1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	− 3	4.38	2.3	8	10	6	15
1916	44.3	82	− 6	9.39	0.5	12	8	4	19
1917	44.0	82	− 4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	− 3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48.6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	− 6	3.19	0.4	7	15	3	13
1925	40.8	76	− 4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	− 1	5.41	0.1	10	14	3	14
1928	42.7	90	−10	2.05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.85	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	− 1	1.05	3.5	5	14	7	10
1937	41.9	80	9	12.61	0.7	17	4	3	24
1938	42.5	81	4	6.48	T.	7	14	6	11
1939	45.5	83	12	6.21	0.5	10	14	6	11
1940	28.0	74	−14	1.56	5.9	7	14	6	11
1941	43.6	76	5	3.43	0.3	9	12	7	12
1942	38.1	83	−21	3.20	4.4	7	16	7	8
1943	41.8	87	− 9	1.00	1.2	3	15	8	8
1944	42.2	82	−15	2.50	6.5	6	12	7	12
1945	40.2	80	7	2.37	1.8	8	12	6	13
1946	41.1	78	5	7.50	1.7	12	9	6	16
Period	41.2	90	−28	4.30	2.0	8	12	6	13

Errata:-July, Number of days with 0.01 inch or more precipitation: Camp Chaffee 7 Jonesboro 7. Date of lowest temperature: El Dorado 3†. Monticello 4†.

NAT. HIST.

Climatological Data for January, 1946

Stations	Counties	Elevation	Lenght of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unsettled	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	9	41.4	......	68	6	12	27	7.61	......	3.00	7-8	T.	14	9	7	15	w.	L. R. Water Works
Arkadelphia	Clark	200	50	42.5	− 1.3	71	6	18	27	9.57	+4.94	2.17	4-5	5.0	13	8	2	21	n.	W. H. Halliburton
Arkansas City	Desha	145	61	......	......	......	......	......	......	12.91	+8.08	2.46	6-7	0.0	18	6	5	20	......	John W. Trammell
Ashdown	Little River	329	2	43.3	......	72	25	15	27	8.15	......	1.95	5	4.0	14	4	9	18	......	Southwestern G. & E.
Batesville Airway	Independence	363	10	39.8	+ 1.3	66	6	12	27	6.68	......	3.72	7-8	T.	12	13	7	11	nw.	Airway Observer
Batesville Livestk.	Independence	500	5	38.6	......	65	6	7	27	6.26	......	3.40	7-8	0.0	8	10	8	13	nw.	University of Arkansas
Batesville River	Independence	277	46	......	......	......	......	......	......	6.83	+2.47	2.80	8	0.0	13	14	1	16	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	39.0	− 1.5	65	6	11	27	6.60	+2.32	3.21	8	0.0	7	10	5	16	n.	Minnie Scanlan
Benton	Saline	285	10	39.0	− 0.6	70	6	13	27†	9.15	......	2.40	8-9	4.0	13	12	5	14	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	35.4	− 1.2	62	3†	9	27	3.42	+0.75	1.24	4-5	T.	9	10	8	13	s.	E. L. Brown
Bethesda ***	Independence	500	6	38.6	......	70	7	8	27	6.24	......	3.40	9	0.0	6	9	11	11	nw.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	15	......	......	......	......	......	......	7.61	+2.54	3.30	8-9	T.	13	5	14	12	se.	N. W. Douglas
Black Rock	Lawrence	259	44	......	......	......	......	......	......	4.74	+0.29	2.51	8	0.0	8	7	8	16	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	5	44.6	......	71	6	19	17†	9.05	......	1.96	4-5	7.5	12	4	11	16	ne.	Ark. Forestry Com.
Blytheville	Mississippi	252	20	41.0	+ 1.1	74	6	12	27	7.72	+2.29	4.65	8	T.	7	12	10	9	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	31	42.0	+ 0.8	70	25	12	27	5.10	+1.37	1.70	7-8	0.0	12	10	3	18	w.	F. H. Randolph
Boughton ***	Clark	235	10	......	......	......	......	......	......	7.46	......	2.25	4-5	5.3	10	7	7	17	......	Katie B. Moore
Brinkley	Monroe	205	54	41.5	+ 3.5	70	6	15	27	9.26	+4.07	4.72	7-8	2.1	15	5	3	23	s.	U. S. Weather Bureau
Calico Rock	Izard	361	41	......	......	......	......	......	......	5.34	+1.89	1.60	8	0.0	12	6	4	21	......	William Jones
Camden	Ouachita	116	60	45.7	+ 1.2	72	6	19	27	8.70	+3.81	1.73	4-5	4.5	14	5	9	17	s.	J. M. Knight
Camp Chaffee	Sebastian	419	2	39.9	......	69	25	14	27	4.70	......	1.45	4-5	0.0	11	9	2	20	sw.	U. S. Army
Camp Robinson	Pulaski	463	5	40.8	......	69	6	16	27	8.45	......	3.58	7-8	4.0	14	5	13	13	nw.	U. S. Army
Clarendon	Monroe	172	41	......	......	......	......	......	......	9.23	+4.56	2.40	7-8	3.5	14	7	2	22	......	B. F. Northern
Conway	Faulkner	309	62	42.4	+ 0.4	70	6	13	27	6.01	+1.60	1.72	8	T.	11	9	11	11	w.	G. Y. Short
Corning	Clay	293	52	39.8	+ 1.8	66	6†	10	27	4.57	+0.09	2.23	8	0.0	10	16	5	10	w.	Mrs. Laura Polk
Cotter	Baxter	440	18	......	......	......	......	......	......	5.62	+2.55	1.71	8-9	T.	9	11	7	13	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	33	44.8	− 0.1	70	6	19	23†	12.82	+7.24	2.18	7-8	2.8	12	7	5	19	n.	U. S. Forest Service
Cummins Farm ***	Lincoln	176	2	44.2	......	78	5	19	17	11.10	......	4.80	7-8	3.5	10	10	4	17	s.	T. C. Cogbill
Danville	Yell	327	29	......	......	......	......	......	......	7.56	+3.64	2.01	7-8	0.0	16	4	9	18	......	J. A. Moudy
Dardanelle	Yell	330	59	42.8	+ 1.6	68	25	16	27	7.26	+3.70	3.64	7-8	0.0	12	4	7	20	c.	Geo. N. Goodier
DeQueen	Sevier	426	10	43.0	......	65	5	16	27	7.03	......	2.98	7-8	3.0	12	7	8	16	......	L. D. M. Cowan
Des Arc	Prairie	204	7	42.7	......	70	6	16	27	7.36	......	2.80	7-8	2.0	11	11	1	19	n.	Z. R. Glenn
Devils Knob ***	Johnson	2350	9	36.2	......	56	25	8	27	6.68	......	1.90	4-5	T.	12	12	3	16	sw.	U. S. Forest Service
Dumas	Desha	162	40	44.0	− 0.5	70	6	20	17†	11.52	+6.54	3.08	8	6.0	15	5	6	20	n.	Ben Johnson
El Dorado	Union	270	45	43.0	− 3.2	69	25	21	28	8.15	+3.56	2.06	4-5	5.5	10	11	3	7	n.	Airway Observer
England	Lonoke	229	39	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	O. V. Halbrook
Eureka Springs	Carroll	1465	45	37.9	− 0.4	60	25	8	27	4.58	+1.37	0.83	4-5	9.8	11	14	6	11	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	38.4	......	61	3†	10	27	3.11		0.80	4-5	0.3	10	8	7	16	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	58	37.0	− 1.0	64	3	8	27	2.91	+0.03	0.84	5-6	0.3	9	8	12	11	s.	University of Arkansas
Fordyce	Dallas	280	5	44.2	− 0.5	71	6	19	27	10.12	+5.03	2.60	7-8	7.0	13	5	7	19	ne.	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	39.7	+ 0.2	68	25	15	27	4.72	+2.18	1.64	4-5	0.0	10	8	5	18	ne.	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	8	......	......	......	......	......	......	5.27	......	2.00	4-5	0.0	7	12	8	11	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	60	......	......	......	......	......	......	10.16	+5.59	1.88	4-5	T.	12	5	12	14	......	Ina J. Logan
Garland	Miller	225	3	......	......	......	......	......	......	9.97	......	2.59	4-5	0.0	12	6	0	25	......	L. D. Denney
Georgetown, 2 mi. se	White	200	33	......	......	......	......	......	......	7.43	+2.11	3.39	7-8	T.	11	17	0	14	......	J. S. McDonald
Gilbert	Searcy	600	20	37.3	......	66	18	5	27	5.35	+2.02	2.50	8	T.	8	10	6	15	n.	D. O. Dennis
Glenwood	Pike	547	10	......	......	......	......	......	......	7.91	......	2.50	4-5	0.5	12	10	7	14	......	C. A. Price
Grannis	Polk	950	26	42.5	+ 1.0	66	25	14	27	7.31	+2.57	2.56	8	1.0	15	9	5	17	w.	W. E. McVay
Gravette	Benton	1250	48	37.1	+ 0.5	61	3†	6	27	4.08	+1.39	1.41	10	T.	9	14	7	10	nw.	J. A. Schmidt
Green Mountain ***	Stone	1100	8	38.6	......	70	6	7	27	4.85	......	2.05	8	0.0	8	12	6	13	n.	U. S. Forest Service
Harrison	Boone	1052	45	38.4	+ 1.6	63	18†	8	27	5.62	+2.63	1.75	8	0.0	7	13	6	12	nw.	J. M. McGaughey
Helena	Phillips	300	73	42.4	− 0.7	73	6	17	17†	11.78	+6.30	3.90	8	7.1	14	8	0	23	ne.	James A. Burnett
Hope 3 miles e.	Hempstead	375	75	42.5	− 2.1	71	6	19	27	9.42	+4.43	2.50	4-5	6.0	14	9	7	15	ne.	Univ. of Arkansas
Hot Springs	Garland	600	53	43.6	+ 0.2	67	6	14	27	8.78	+3.85	2.54	7-8	2.5	14	10	7	14	s.	National Park Service
Index ***	Little River	275	28	......	......	......	......	......	......	5.00	+0.72	1.05	7-8	5.0	13	11	0	20	......	W. E. McDowell
Jessieville	Garland	750	19	......	......	......	......	......	......	9.87	+4.63	3.65	8	2.2	11	5	11	15	ne.	U. S. Forest Service
Jonesboro	Craighead	345	50	40.4	+ 0.2	69	6	13	27	6.89	+1.87	2.86	8	0.0	13	9	6	16	sw.	Benedictine Sisters
Lead Hill	Boone	650	39	37.5	+ 0.6	66	25	6	27	5.57	+2.73	1.26	8	0.0	7	15	2	14	nw.	F. W. Kellogg
Little Rock	Pulaski	257	66	41.7	+ 0.3	69	6	17	27	8.22	+3.49	2.97	7-8	2.9	15	6	7	18	n.	U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	47	39.9	− 0.1	65	25	11	27	7.00	+2.98	2.21	4-5	0.0	9	15	4	12	w	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	......	......	......	......	......	......	8.94	+3.71	2.76	8	6.0	10	6	4	21	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	45.4	− 1.4	70	25	20	17†	10.07	+5.23	1.60	4-5	8.5	12	7	4	20	ne.	State Agri. School
Mammoth Spring	Fulton	600	41	38.2	+ 0.7	63	30	6	27	4.61	+0.97	....	......	0.0	9	12	4	15	w.	L. A. O'Neal
Marianna	Lee	235	34	41.4	− 0.8	73	6	14	17	5.90	+1.21	1.36	2-3	9.0	10	6	7	18	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	41	39.8	+ 1.1	72	6	14	28	9.61	+4.18	5.06	8	T.	13	11	9	11	s.	Chas. Walton
Marshall	Searcy	1050	27	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Roy Richardson
Mena	Polk	1207	57	41.2	− 0.3	66	6†	12	27	7.03	+3.08	1.94	4-5	0.3	14	8	7	16	nw.	E. W. St. John
Monticello	Drew	273	5	44.2	......	67	5†	19	27	9.81	......	2.50	7-8	4.0	16	7	6	18	s.	Airway Observer
Morrilton ***	Conway	315	29	41.0	+ 0.3	67	6	15	27	7.56	+3.70	1.98	8-9	0.0	9	12	5	14	nw.	L. A. Dicus
Mountainburg	Crawford	712	8	......	......	......	......	......	......	4.99	......	1.45	4-5	0.0	9	13	3	15	n.	C. A. Lovell
Mountain Home ***	Baxter	800	33	38.6	+ 0.7	65	25	8	27	4.80	+1.93	2.00	8	0.0	8	14	3	14	nw.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	41.4	+ 0.4	69	6	8	27	7.38	+3.03	2.75	8	0.0	14	8	6	17	w.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	7	......	......	......	......	......	......	5.41	......	1.78	4-5	0.0	10	11	3	17	......	H. G. Arvin
Nashville	Howard	350	7	43.1^{g}	......	69^{i}	25	19^{e}	27	7.46	......	2.22	5-6	0.0	13	7	2	22	e.	Brice Carruth
Newport	Jackson	231	62	42.0	+ 2.2	72	6	15	27	7.17	+2.22	3.00	7-8	0.0	15	13	0	18	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	4	40.6	......	67	25	12	27	6.56	......	1.45	8	0.0	11	10	9	12	nw.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	18	43.2	......	68	6†	17	27†	7.59	+3.58	2.78	7-8	T.	16	10	3	18	nw.	U. S. Forest Service
Okay	Howard	288	17	44.6	− 0.4	70	6†	19	26	7.61	+3.10	2.00	4-5	5.5	14	8	5	18	se.	J. T. Hargis
Osceola	Mississippi	250	45	......	......	......	......	......	......	7.30	+2.73	3.13	7-8	1.0	11	15	4	12	......	C. E. Carter
Ozark	Franklin	396	50	40.6	+ 0.4	65	25	13	27	5.85	+2.81	1.70	4-5	0.0	10	6	8	17	se.	Orkney O. Milton
Paragould	Greene	275	22	39.7	......	65	6	12	27	7.03	+1.95	3.24	7-8	0.2	13	14	7	10	sw.	J. E. Garrett
Parkin, 2 mi. w	Cross	222	15	......	......	......	......	......	......	8.94	+3.78	2.90	8-9	1.5	11	7	5	19	......	Carroll King
Perryville	Perry	325	6	41.3^{b}	+ 1.4	70^{d}	5	11	27	7.42	+3.02	3.15	7-8	0.0	12	6	13	12	w.	Gordon Bennett
Pine Bluff	Jefferson	215	58	44.0	+ 0.1	73	6	19	27	10.15	+4.92	2.99	7-8	5.0	11	10	5	16	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	21	......	......	......	......	......	......	6.17	+1.61	2.26	7-8	T.	13	7	9	15	ne.	J. R. Huddleston
Pocahontas	Randolph	300	52	39.6^{b}	+ 0.9	64^{e}	6	8	27	5.78	+1.46	3.06	8-9	T.	13	9	9	13	n.	Benedictine Sisters
Portland	Ashley	122	39	45.6	− 0.9	71	30	22	27	12.23	+7.48	2.10	7-8	3.0	10	10	4	17	n.	Mrs. Pearl Newton
Prescott	Nevada	318	57	44.2	− 0.3	70	6	18	27	9.40	+4.66	2.11	4	6.0	15	8	6	17	n.	R. P. Hamby
Rogers	Benton	1300	55	37.3	+ 0.2	63	25	8	27	4.39	+1.75	1.66	4-5	0.5	10	10	7	14	sw.	Howard Fowler
Russellville	Pope	526	33	......	......	......	......	......	......	6.75	+3.02	1.74	4-5	0.0	9	......	......	....	......	U. S. Forest Service
St. Charles	Arkansas	175	12	43.2^{a}	......	76^{a}	6	12^{a}	17	11.22	......	4.30	7-8	11.0	12	8	1	22	s.	U. S. Biological Survey
St. Francis	Clay	290	18	......	......	......	....	......	......	5.27	+0.07	3.40	7-8	0.0	11	13	0	18	......	Wm. S. Buckley
Searcy	White	245	35	42.8	+ 1.7	72	6	14	27	9.00	+4.23	3.74	8	0.4	16	11	3	17	se.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	5	42.4	......	72	6	13	27	9.00	......	2.53	7-8	5.0	16	4	12	15	n.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	37.8	......	62	25	8	27	3.40	......	1.12	4-5	0.2	10	14	6	11	sw.	John Brown Univ.
Story	Montgomery	650	21	......	......	......	......	......	......	7.64	+3.77	2.35	4	0.0	9	9	5	17	n.	S. C. Story
Stuttgart	Arkansas	214	58	43.4	+ 0.6	69	6	19	27	10.45	+5.26	2.33	8	0.0	11	11	6	14	n.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	10	42.3	......	70	6	20	27	10.31	......	2.22	8	5.0	11	10	9	12	......	University of Ark.

Climatological Data for January, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit): Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches: Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days: Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	47	40.0	− 1.4	62	6	13	27	5.62	+2 15	1.16	8	0	12	13	5	13	s	New Subiaco Abbey
Texarkana	Miller	332	61	43.8	− 2.5	70	25	21	27	8.17	+3.69	1.92	4–5	6.1	16	4	5	22	ne.	U. S. Weather Bureau
Turnpike***	Pope	2240	21	34.2	......	57	6†	6	27	6.44	+2.26	2.18	8	T.	13	11	4	16	se.	U.S Forest Service
Waldron	Scott	675	26	41.8	......	68	6	11	27	4.78	+1.04	1.90	7–8	0	8	9	3	19	nw.	William D Bivens
Warren	Bradley	206	51	44.5	− 0.4	70	25	20	27	11.10	+6.23	3.04	8	4.5	14	8	8	15	nw.	C. N Turner
Whitecliffs	Little River	290	39	....	......	......	......	......	......	9.33	+5.37	2.03	4–5	1.0	14	7	5	19	......	L. M. Snead
White Rock***	Franklin	2285	9	37.2	......	58	25	17	21†	6.13	......	1.45	5	T.	11	11	5	15	se.	U. S. Forest Service
Wilson	Mississippi	237	20	40.6	+ 0.2	72	6	17	22	8.00	+2.71	....	......	0	12	10	3	18	sw.	D. O. Anderson
Wynne	Cross	167	37	....	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Mrs. C. A. Ford
State Means	....	....	..	41.1	− 0.1	78	5	5	27	7.50	+3.20	5.06	8	1.7	12	9	6	16	n.	

Daily Precipitation for January, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	....	.20	T.	....	1.10	.04	.12	.71	1.07	.72	....	....	....	....	T.	....	....	....	T.	.44	....	....	....	.05	....	....	....	....	.26	....	....	4.71
Alum Fork Reser.	Arkansas	....	.25	.17	.05	1.72	T.	.17	3.00	.12	....	.68	....	....	....	.05	.03	....	....	.06	.73	....	....	....	....	....	....	....	....	.55	.03	....	7.61
Aplin[2]	Arkansas	....	....	.50	....	1.57	....	.08	1.71	1.61	T.	.68	.02	....	....	....	....	....	....	....	.79	....	....	....	....	....	....	....	....	.22	.11	....	7.29
Arkadelphia[2]	Ouachita	....	.02	.91	.03	2.17	....	.48	1 17	1.47	T.	.93	....	....	....	.29	.45	....	....	T.	.87	T.	....	....	T.	....	....	....	....	.44	.34	....	9.57
Arkansas City[2]	Mississippi	....	....	1.03	.09	1.26	.03	2.46	1.78	1.80	....	1.45	.03	....	....	.45	.80	....	....	.12	.63	.03	....	....	....	....	....	.03	....	.08	.82	.02	12.91
Ashdown	Red	....	.15	1.20	.03	1.95	....	.08	.29	1.09	....	.75	....	....	....	.32	.91	....	....	.02	.40	....	....	....	....	....	....	....	....	.79	.17	....	8.15
Augusta[2]	White	....	....	.79	.10	.37	....	.32	1.65	2.80	....	.78	T.	....	....	T.	.01	....	....	T.	1.08	....	....	....	....	....	....	....	....	.11	.15	....	8.16
Batesville Air'y[3]	White	....	.09	....	.17	.62	.12	.02	3.70	....	....	.69	....	....	....	....	....	....	....	.60	.48	.01	....	....	....	....	....	....	....	.17	.01	....	6.68
Batesville Livestk[2]	White	....	....	T.	....	.90	*	.15	*	3.40	....	.55	T.	....	....	....	....	....	....	T.	1.04	T.	....	....	T.	....	....	....	....	*	.22	....	6.26
Batesville River[2]	White	....	....	.12	.05	.64	.09	.14	1.13	2.80	....	37	.27	....	....	....	....	....	....	....	1.01	.01	....	....	....	....	....	....	....	.03	.17	....	6.83
Beaty Lake	St. Francis	....	.82	.32	....	.42	....	.64	4.42	.33	....	.88	....	....	....	.08	.13	....	....	.55	.21	....	....	....	....	....	....	....	....	.26	.22	....	9.28
Beaver[2]	White	....	....	....	....	1.13	.16	.16	.17	1.04	....	.36	.14	....	....	....	....	....	....	....	.51	.15	....	....	....	....	....	....	....	....	....	....	3.82
Bee Branch	Arkansas	....	....	....	....	1.30	....	.15	*	3.21	....	.51	....	....	....	....	....	....	....	....	1.30	....	....	....	....	....	....	....	....	.13	....	....	6.60
Beech Grove[2]	White	....	....	.15	....	.14	....	.52	.98	2.35	....	.45	T.	....	....	....	....	....	....	....	.70	T.	....	....	....	....	....	....	....	T.	....	....	5.29
Beedeville[2]	White	.03	....	.61	.10	.30	.03	.41	1.15	2.40	....	.83	.04	....	....	....	.04	....	....	....	1.15	....	....	....	....	....	....	....	....	.02	.22	....	7.33
Benton[2]	Saline	....	.07	.72	.06	....	1.73	.09	1.30	2.40	....	.82	....	....	....	.15	.21	....	....	....	.96	....	....	....	....	....	....	....	....	.27	.37	....	9.15
Bentonville[2]	Arkansas	....	....	....	....	1.24	.14	.04	.23	.75	....	*	.58	....	....	....	....	....	....	....	*	.44	....	T.	....	....	....	....	....	T.	....	....	3.42
Bethesda[2]	White	....	....	....	....	.90	....	.15	....	3.40	....	.55	T.	....	....	....	....	....	....	*	1.06	....	....	....	....	....	....	....	....	....	.18	....	6.24
Big Flat[2]	White	....	....	....	1.10	.04	....	.15	.80	1.93	.08	.48	.02	....	....	....	....	....	.76	....	....	....	....	....	....	....	....	....	....	.16	....	....	5.52
Big Lake Outlet[2]	St. Francis	T.	T.	....	.13	.04	.12	.58	1.74	3.30	....	.45	*	.28	....	T.	T.	T.	....	....	.58	.16	....	....	....	....	....	....	....	....	.23	....	7.61
Black Rock[2]	White	....	....	.06	....	.22	.04	.09	.64	2.51	....	....	.46	....	....	....	....	....	....	....	....	.72	....	....	....	....	....	....	....	....	....	....	4.74
Bluff City	Ouachita	....	....	1.34	....	1.96	T.	.53	1.60	....	....	1.07	....	....	*	*	1.14	....	....	*	*	.54	....	....	....	....	....	....	....	....	.87	....	9.05
Blytheville[2]	St. Francis	T.	.20	....	....	....	.15	.59	4.65	....	....	.72	....	....	....	....	....	....	....	....	1.17	....	....	....	....	....	....	....	....	..	.24	....	7.72
Booneville 3 mi. w	Arkansas	....	.22	....	.28	1.12	.01	.15	1.70	.09	....	.70	....	....	....	.02	....	....	....	.35	.23	....	....	....	....	....	....	....	....	.23	....	....	5.10
Booneville[2]	Arkansas	....	.50	T.	....	2.00	....	.10	.93	1.35	....	.72	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	....	....	....	.20	....	....	6.40
Boughton[2]	Ouachita	....	....	1.02	....	2.25	....	.58	.40	.65	....	....	....	....	....	.33	.53	....	....	....	.75	....	....	....	....	....	....	....	....	.70	.25	....	7.46
Bradford[2]	White	....	....	.54	.02	.40	.05	.25	.90	2.86	....	.56	.21	....	....	T.	T.	....	....	....	.89	....	....	....	....	....	....	....	....	.04	.20	....	6.92
Brinkley[3]	White	....	1.01	.22	....	.54	.39	.32	4.49	T.	....	.82	....	....	.06	.04	.20	....	....	.33	.44	....	....	.01	....	....	....	....	....	.38	.01	....	9.26
Burdette	Mississippi	....	.18	.03	....	....	....	.37	4.52	.89	....	.84	....	....	....	.08	....	....	....	....	1.27	....	....	....	....	....	....	....	....	....	.37	....	8.55
Calico Rock[2]	White	....	T.	.02	T.	.91	.05	.21	.94	1.60	....	.20	.35	....	....	....	....	....	....	....	.90	.01	....	....	....	....	....	....	....	.15	T.	....	5.34
Camden[2]	Ouachita	....	.04	.95	.02	1.73	....	.33	.52	1.49	....	.90	....	....	....	.42	.61	....	....	....	.46	.03	....	....	....	....	....	....	....	.56	.64	....	8.70
Camp Chaffee[2]	Arkansas	....	.05	T.	....	1.45	.02	.23	.73	.68	T.	.63	....	....	....	T.	....	....	....	.02	.67	.02	....	....	T.	....	....	....	....	.20	....	....	4.70
Camp Robinson[1]	Arkansas	....	.77	.22	.04	1.38	.10	.07	3.51	....	....	.73	....	....	.05	.08	T.	....	....	.70	.20	....	....	T.	....	....	....	....	....	.57	.03	....	8.45
Carlisle[2]	Arkansas	....	.05	1.29	.05	....	....	.65	.65	2.65	....	.91	....	....	....	.12	.20	....	....	....	.40	....	....	....	....	....	....	....	....	.19	.36	..	7.52
Clarendon[2]	White	....	....	1.26	T.	.66	.03	.62	2.40	2.03	....	.90	.08	....	....	.14	.08	....	....	....	.64	.01	....	....	....	....	....	....	....	.11	.27	T.	9.23
Cold Springs[2]	Ouachita	....	.20	.15	....	1.44	.20	....	1.00	1.20	....	.75	....	....	....	.10	....	....	....	.15	.35	....	....	....	....	....	....	....	.20	.10	....	....	5.84
Conway	Arkansas	....	.60	.06	.10	1.29	....	1.05	1.72	....	....	.62	....	....	....	....	.01	....	....	.21	....	....	....	....	....	....	....	....	....	.34	.01	....	6.01
Corning[2]	White	.26	....	.08	....	.12	....	....	.59	2.23	....	.19	.28	....	....	....	....	....	....	....	.48	.13	....	....	....	....	....	....	....	....	.06	....	4.37
Cotter[2]	White	....	....	....	T.	1.48	.04	.18	.79	1.71	....	.37	.13	....	....	....	....	....	....	....	.78	T.	....	....	....	....	....	....	....	.14	....	....	5.62
Crossett	Ouachita	....	....	1.06	.03	1.50	.73	.95	2.18	....	....	.82	..	....	....	1.80	.63	....	....	....	.90	....	....	....	....	....	T.	....	....	2.15	.07	....	12.82
Crystal Valley[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	.75	....	....	.20	....	....	....	....	.85	....	....	....	....	....	....	....	....	*	.50	....	....
Cummins Farm	Arkansas	....	.80	1.04	....	1.12	....	.24	4.80	....	....	.95	....	....	....	.40	.35	....	....	....	.70	....	....	....	....	....	T.	....	....	.70	....	....	11.10
Danville[2]	Arkansas	....	.02	.38	.02	1.74	.03	.13	2.01	1.62	....	.56	.07	....	....	.05	....	....	....	.02	.62	....	....	....	....	....	....	....	....	.27	.02	....	7.56
Dardanelle[2]	Arkansas	....	.02	.19	....	1.49	.06	.13	1.92	1.72	....	.61	....	....	....	.05	....	....	....	....	.80	....	....	....	....	....	....	....	....	.21	.06	....	7.26
De Queen	Red	....	.41	....	.06	1.24	.18	....	2.98	.03	....	.63	....	....	.15	....	.36	....	....	.16	.02	....	....	....	....	....	....	....	....	.81	....	....	7.03
Dermott[2]	Mississippi	....	....	1.00	.03	1.29	..	1.29	1.35	1.83	....	1.00	....	....	.45	....	.35	....	....	.03	.70	....	....	....	....	....	....	....	....	....	....	....	9.32
Des Arc[2]	White	....	....	.96	.10	.47	....	.57	.77	2.80	....	.78	.06	....	..	T.	.03	....	....	....	.68	T.	....	....	....	....	....	....	....	.14	....	....	7.36
Devils Knob	Arkansas	....	T.	.22	.54	1.90	.12	.17	1.86	40	....	.53	....	....	....	....	....	....	....	.29	.49	T.	....	T.	T.	....	....	....	....	.14	.02	....	6.68
Dumas	Mississippi	....	.48	1.05	....	1.14	.05	1.35	3.08	....	....	.91	....	....	.05	.51	.76	.04	....	....	.43	....	....	....	T.	....	.05	....	....	.84	.78	....	11.52
Eagle Gap[2]	Arkansas	....	.10	.03	...	2.12	.02	.22	1.20	.99	....	.61	....	....	....	.12	.02	.. .	....	....	.26	02	....	....	....	....	....	....	....	.20	T.	....	5.92
El Dorado	Ouachita	....	.42	.34	....	2.06	....	.86	1.67	....	....	.22	....	....	....	.80	.55	....	....	.68	....	....	....	....	....	....	....	....	....	1.03	....	....	8.15
Eleven Point[2]	White	T.	....	.04	T.	.31	.06	.30	.45	2.06	....	.29	.11	....	....	....	....	....	....	....	.54	....	....	....	....	....	....	....	....	....	T.	....	4.16
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Eureka Springs	White	....	....	....	.63	.83	.08	.22	.82	.63	....	.55	....	....	....	....	....	....	....	.15	.50	.10	....	....	.07	....	....	....	....	....	....	....	4.58
Evening Shade[2]	White	....	T.	.16	.03	.61	.07	.08	.96	2.46	....	.31	.22	....	....	....	....	....	....	....	.85	.07	T.	....	....	....	....	....	....	.04	.03	....	5.89
Fayetteville	White	....	....	....	.22	.80	.09	.02	.57	.24	....	.57	T.	....	....	T.	....	....	....	.31	.26	.03	....	....	....	....	T.	....	....	T.	T.	....	3.11
Fayetteville Exp. S	White	....	....	T.	.19	.72	.12	....	.48	.35	T.	.52	....	....	....	T.	....	....	....	.09	.37	.07	....	T.	T.	....	T.	....	....	T.	T.	....	2.91
Fordyce	Arkansas	....	.52	1.47	.02	1.60	.02	.50	2.60	T.	....	.85	....	....	T.	.50	.70	....	....	T.	.36	....	....	....	T.	....	T.	....	....	.96	.02	....	10.12
Forester[2]	Arkansas	....	....	.20	....	*	2.00	*	*	3.65	....	.90	T.	....	....	*	.30	....	....	....	*	.40	....	....	....	....	....	....	....	*	.35	....	7.80
Fort Smith[1]	Arkansas	....	.01	T.	1.16	.52	.19	.02	1.39	T.	T.	.53	....	....	....	T.	....	....	....	.69	.04	....	....	T.	....	....	....	....	....	.17	....	....	4.72
Fort Smith W.[2]	Arkansas	....	....	....	....	2.00	.27	....	....	1.47	.63	.06	....	....	....	....	....	....	....	....	.65	..	....	....	....	....	....	....	....	.19	....	....	5.27
Fulton[2]	Red	....	.12	.82	T.	1.88	....	1.82	.51	1.30	....	.82	....	....	....	.42	.95	....	....	....	.45	T.	....	....	....	....	....	....	....	.84	.23	....	10.16
Garland[2]	Red	....	.23	.70	T.	2.59	....	.95	.22	1.34	....	.99	....	....	....	.43	1.14	....	....	....	.24	T.	....	....	....	....	....	....	....	.74	.40	....	9.97
Georgetown[2]	White	....	....	1.07	.07	.27	....	.39	1.00	2.39	....	.76	....	....	....	.07	T.	....	....	T.	1.03	....	....	....	T.	....	....	....	....	.21	.17	....	7.43
Gilbert[2]	White	....	....	....	T.	1.30	....	.15	.65	1.85	....	.40	.15	....	....	....	....	....	....	....	.70	....	....	....	....	....	....	....	....	.15	....	....	5.35
Glenwood[2]	Ouachita	....	.21	.32	....	2.50	....	.16	1.02	1.49	....	.67	....	....	....	.16	....	.14	....	....	.62	....	....	....	....	....	....	....	....	.51	.11	....	7.91
Grannis	Red	T.	.30	.10	.36	1.50	T.	.23	2.56	.28	.02	.63	....	....	.07	.30	.14	....	....	.25	T.	....	....	....	....	....	....	....	....	.52	.05	....	7.31
Gravelly[2]	Arkansas	....	.09	.30	....	1.60	....	.28	3.60	1.14	....	.64	....	....	....	.10	....	....	....	T.	.47	.06	....	....	T.	....	....	....	....	.25	.14	....	8.71
Gravette	Arkansas	....	....	....	.29	.90	....	....	*	.86	1.41	....	....	....	....	....	....	....	....	.17	.40	.03	....	....	....	....	....	....	....	.02	....	....	4.08
Green Forest	White	....	....	....	....	1.08	....	.40	....	1.15	....	.38	.22	....	....	....	....	....	....	.62	....	.06	....	....	....	....	....	....	....	.04	....	....	3.95
Green Mountain	White	....	....	T.	.15	.75	....	.20	2 05	.30	....	.45	....	....	....	....	....	....	....	....	.85	....	....	....	....	....	....	....	....	.10	T.	....	4.85
Greenwood[2]	Arkansas	....	.12	T.	....	1.15	.04	.27	.74	.75	....	.63	.03	....	....	.02	....	....	....	....	.70	.04	....	....	....	....	....	....	....	*	.10	....	4.59
Harrison	White	....	....	....	.77	1.13	T.	....	1.75	.58	....	.52	..	....	....	....	....	....	....	.09	.78	....	....	....	....	....	....	....	....	T.	....	....	5.62
Helena[2]	Mississippi	....	....	1.08	.03	.55	.15	1.33	1.82	3.90	....	1.02	.08	....	....	.30	.54	....	....	....	.27	.28	....	....	....	....	....	....	....	....	.43	. ..	11.78
Henderson[2]	White	....	....	....	....	*	1.20	.25	.54	.40	....	*	.48	....	....	....	....	....	....	....	*	.82	....	....	....	....	....	....	....	.10	....	....	4.79
Hope[2]	Red	....	.16	1.22	.01	2.50	..	.61	.22	.76	....	.95	....	....	....	.38	.82	....	....	....	.67	.07	....	....	....	....	....	....	....	.71	.34	....	9.42
Hot Springs	Ouachita	....	.46	.25	.10	2.25	....	.20	2.54	.23	T.	.86	....	....	....	.12	.21	....	....	.22	.62	....	....	....	....	....	....	....	....	.68	.04	....	8.78
Huttig[2]	Ouachita	....	....	.82	.24	1.66	....	1.75	.96	1.96	....	.71	....	....	....	.52	.70	T.	....	....	.90	....	....	....	....	....	....	T.	T.	.38	1.86	....	12.46
Index[2]	Red	....	.25	.50	....	.75	....	.10	.25	.80	....	.45	....	....	....	.25	.30	....	....	....	.45	.05	....	....	....	....	....	....	....	.45	40	....	5.00
Jessieville	Ouachita	....	.60	....	....	2.35	*	.38	3.65	.35	....	.86	....	....	....	*	.19	....	....	....	.85	....	....	....	....	....	....	....	....	.64	....	....	9.87
Jonesboro[2]	White	.01	....	.20	.18	.22	.20	.41	1.06	2.86	....	.50	.26	....	....	....	....	....	....	....	.82	.03	....	....	....	....	....	....	....	T.	.14	....	6.89
Lake City[2]	St. Francis	....	....	.22	....	....	.25	....	....	2.61	....	....	....	....	....	....	....	....	....	....	.28	....	....	....	....	....	....	....	....	....	.16	....	3.52

Daily Precipitation for January, 1946 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Lead Hill	White	....	....	....	.48	1.08	....	1.06	1.26	.38	....	.48	....	....	....	....	....	....	....	T.	.83	T.	....	....	....	....	....	....	....	T.	....	....	5.57
Little Rock[1]	Arkansas	....	1.00	.36	.22	1.10	.20	.06	2.91	.01	....	.72	....	....	.04	.13	.13	....	....	.73	.08	....	....	T.	....	....	....	....	....	.53	T.	....	8.22
Lock & Dam No. 3	White	....	....	.02	.04	.86	.07	.06	.63	2.39	....	.24	.24	....	....	....	....	....	....	....	.97	.01	....	....	....	....	....	....	....	.04	.11	....	5.68
Lurton[2]	White	....	*	*	*	*	*	*	*	4.00	1.47	.05	....	.79	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	.08	....	6.49
Lutherville	Arkansas	....	.10	....	.45	1.76	....	....	2.00	.75	....	.70	....	....	....	....	....	....	....	.30	.69	....	....	....	....	....	....	....	....	.25	....	....	7.00
Madison[2]	St. Francis	....	....	.83	....	.45	T.	.62	1.98	2.76	....	.85	.10	....	....	....	.50	T.	....	....	.50	....	....	....	....	....	....	....	....	....	.35	....	8.94
Magnolia	Red	....	.65	.15	1.00	1.60	.06	1.00	1.60	....	....	.97	....	....	....	.84	.79	....	....	.11	T.	....	....	....	....	....	....	....	....	1.30	T.	....	10.07
Mammoth Spg[2]	White	....	....	....	....	*	.69	....	*	2.58	....	*	.60	....	....	....	....	....	*	.70	....	....	....	....	....	....	....	....	....	.04	....	....	4.61
Marianna[2]	St. Francis	....	....	1.36	.55	....	....	.80	.35	....	....	.89	....	....	....	.18	.55	....	....	....	.87	....	....	....	....	....	....	.12	....	.23	....	T.	5.90
Marked Tree[2]	St. Francis	....	....	.53	.07	.22	.08	.79	2.10	2.96	....	.52	.71	....	....	.05	T.	....	....	....	.88	.25	....	....	....	....	....	....	....	T.	.45	....	9.61
Marshall[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marvell[2]	White	....	*	1.62	....	.42	....	.35	*	3.50	....	1.00	....	....	64	.55	....	....	....	....	.64	....	....	....	....	....	....	....	....	.34	....	....	9.06
Melbourne[2]	White	....	....	.05	....	.19	.74	.02	*	2.24	....	T.	....	....	....	....	....	....	....	....	1.13	....	....	.02	....	....	....	....	....	....	....	....	4.39
Mena[2]	Ouachita	....	.24	.05	.02	1.94	.06	.09	1.84	1.15	....	.65	....	....	....	.16	.04	....	....	....	.46	....	....	....	....	....	....	....	....	.29	.04	....	7.03
Monticello[1]	Ouachita	....	.24	.75	T.	1.21	.19	1.52	2.12	....	.08	.79	....	....	.45	.39	.34	....	....	.47	.13	....	....	....	....	....	.05	....	....	1.05	.03	....	9.81
Morobay[2]	Ouachita	....	....	.97	.09	1.72	....	1.85	.63	1.74	....	1.02	....	....	....	.51	1.15	....	....	....	.61	....	....	....	....	....	....	....	....	.36	1.29	....	11.94
Morrilton[2]	Arkansas	....	T.	.38	....	1.23	....	.15	1.87	1.98	....	.66	....	....	....	....	....	....	....	....	.92	....	....	....	....	....	....	....	....	.20	.17	....	7.56
Mountainburg	Arkansas	....	T.	T.	.74	1.45	T.	.11	1.14	.18	T.	.55	....	....	....	....	....	....	....	.43	.25	....	....	....	....	....	....	....	....	.14	....	....	4.99
Mountain Home	White	....	....	....	.50	.75	....	.20	1.65	.35	....	.50	....	....	....	....	....	....	....	....	.75	....	....	....	....	....	....	....	....	.10	....	....	4.80
Mountain View[2]	White	....	....	....	....	1.14	.12	T.	.64	2.06	....	.42	T.	....	....	....	....	....	....	....	.95	....	....	....	....	....	....	....	....	.09	....	....	5.42
Mount Ida	Ouachita	....	.36	.02	.17	1.90	.12	.15	2.75	.15	....	.57	....	....	....	.12	.06	....	....	.40	.08	....	....	....	....	....	....	....	....	.53	....	....	7.38
Mulberry[2]	Arkansas	....	....	....	....	1.78	.13	.25	.80	.86	T.	.54	.10	....	....	....	....	....	....	....	.65	.12	....	....	....	....	....	....	....	.18	....	....	5.41
Nashville	Red	....	.75	.05	T.	2.10	.12	....	1.54	....	....	.66	....	....	.03	.32	.58	....	T.	45	.16	....	....	....	....	....	....	....	....	.63	.07	....	7.46
Newhope[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Newport[2]	White	.02	....	.35	.05	.35	.18	.25	1.00	3.00	....	.55	.35	....	....	....	....	....	....	....	.85	.03	....	....	.01	....	....	....	....	.01	.17	....	7.17
Nimrod Dam[2]	Arkansas	....	.15	.25	T.	1.60	.05	....	1.20	1.45	....	.70	.05	....	....	....	....	....	....	....	.77	....	....	....	....	....	....	....	....	.30	.04	....	6.56
Oark	Arkansas	....	....	....	.80	1.70	.15	.10	.60	1.30	....	.55	....	....	....	....	....	....	....	....	.65	....	....	....	....	....	....	....	....	.10	....	....	5.95
Odell[2]	Arkansas	....	....	....	....	2.42	.16	.03	.18	.48	....	.58	....	....	....	....	....	....	....	.13	.45	.05	....	....	....	....	....	....	....	.04	....	....	4.52
Oden	Ouachita	.21	.11	.13	.15	2.05	.05	.16	2.78	.22	....	.61	....	....	....	.11	.03	T.	....	.26	.28	.02	T.	....	....	....	....	....	....	.42	T.	T.	7.59
Okay	Red	....	.90	.55	T.	2 00	....	.10	.97	.08	....	.65	....	....	.03	.32	.58	....	T.	.14	.40	....	....	....	....	....	....	....	....	.81	.08	....	7.61
Osceola[2]	Mississippi	.03	.21	.18	.13	T.	.14	1.90	3.13	.12	....	....	....	....	T.	.11	T.	....	....	....	1.12	T.	....	....	....	....	....	.23	....	....	....	....	7.30
Ozark[2]	Arkansas	....	....	T.	....	1.70	.04	.13	.63	1.62	....	T.	.55	....	....	....	....	....	....	....	.83	.15	....	....	.02	....	....	....	....	.18	T.	....	5.85
Paragould	St. Francis	.03	.09	.04	.17	.26	....	.46	3.24	.70	....	.59	....	....	....	....	....	....	....	....	.58	T.	.70	....	....	....	....	....	....	.10	.07	....	7.03
Parkin[2]	St. Francis	....	....	1.00	....	.22	.19	.46	2.00	2 90	T.	.65	.23	....	....	....	.12	....	....	....	.82	....	....	....	....	....	....	....	....	....	.35	....	8.94
Perryville[2]	Arkansas	....	.38	.18	.02	1.42	....	.16	3.15	.14	T.	.63	T.	....	....	.02	....	....	....	.15	.82	....	....	....	....	....	....	....	....	....	.35	T.	7.42
Pine Bluff[2]	Arkansas	....	T.	1.97	T.	1.16	....	.83	.99	2.00	....	1.01	T.	....	....	.35	.55	T.	....	....	.70	....	....	....	....	....	T.	T.	....	.34	.25	....	10.15
Pine Ridge[2]	Ouachita	....	.24	.11	.02	1.87	.02	....	2.26	.15	....	.63	.02	....	....	....	.12	....	....	....	.31	....	....	....	....	....	....	....	....	.38	.04	....	6.17
Pocahontas	White	.02	....	.13	.05	.22	.11	.10	.66	3.06	....	.29	.20	....	....	....	....	....	....	....	.81	.03	....	....	T.	....	....	....	....	....	.10	....	5.78
Portland[2]	Ouachita	....	....	.61	T.	1.18	....	1.90	2.10	1.05	....	1.50	....	....	....	.55	.40	....	....	....	1.30	....	....	....	....	....	....	T.	....	....	1.64	....	12.23
Prescott[2]	Ouachita	....	.08	1.60	.02	2.11	....	.76	.34	.90	....	.89	.01	....	T.	32	.70	....	....	....	.75	.02	....	....	....	....	....	....	....	.60	.30	T.	9.40
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Red Star	White	....	....	....	2.24	.64	....	1.60	1.59	....	.37	.16	....	....	....	....	....	....	....	.56	.10	....	....	T.	....	....	....	....	....	.09	....	....	7.35
Rogers	White	....	....	....	.33	1.33	.30	.11	.34	.99	....	.53	T.	....	....	....	....	....	....	.14	.28	04	T.	....	....	....	....	....	....	T.	....	....	4.39
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Russellville	Arkansas	....	*	3.25	*	1.74	....	....	....	....	....	.61	....	....	....	....	....	....	....	.08	.80	....	....	....	....	....	....	....	....	.25	.02	....	6.75
St. Charles	White	....	.87	1.07	....	.70	T.	.33	4.30	.32	....	.95	....	....	....	.32	1.40	....	....	....	.51	....	....	....	....	....	T.	....	....	.40	.05	....	11.22
St. Francis[2]	St. Francis	....	....	.05	T.	.12	.11	.44	.68	2.72	....	.18	.28	....	....	....	....	....	....	....	.28	.31	....	....	....	....	....	....	....	....	.10	....	5.27
Searcy[2]	White	....	....	.66	.05	.67	.03	.29	1.26	3.74	....	.57	.22	....	....	.03	.03	....	....	.02	1.07	.02	....	....	....	....	....	....	....	.08	.26	....	9.00
Sheridan	Ouachita	....	.65	.32	.03	1.60	.02	.74	2.53	.08	....	1.07	....	....	T.	.08	.48	....	....	T.	.88	.03	....	....	.03	....	T.	....	....	.42	.04	....	9.00
Shirley[2]	White	....	T.	....	T.	1.70	.48	.45	....	2.36	....	.45	....	....	....	....	....	....	....	1.10	....	....	....	....	....	....	....	....	....	....	T.	....	6.54
Siloam Springs	White	....	....	....	.28	1.12	.11	.06	.19	.76	T.	.69	T.	....	....	....	....	....	....	.15	.03	.01	T.	....	....	....	T.	....	....	T.	T.	....	3.40
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Stamps	Red	T.	.65	.35	.01	2.39	.01	.78	1.37	....	....	1.07	....	....	.02	.61	66	....	....	.03	.23	.14	....	....	....	....	T.	....	....	1.26	.04	....	9.62
Stepheus[2]	Ouachita	....	.50	.46	....	2.80	....	....	1.73	T.	....	.75	....	....	....	.60	.55	....	....	....	.20	.10	....	....	....	....	....	....	....	1.20	.04	....	8.93
Steve[2]	Arkansas	....	*	1.00	.98	1.16	....	....	1.62	1.22	....	.98	....	....	....	.09	....	....	....	.03	.60	.03	....	....	....	....	....	....	....	.40	.08	....	8.19
Story[2]	Ouachita	....	.42	T.	....	2.35	.32	1.66	1.55	....	....	.32	....	....	T.	.05	....	....	....	.55	....	....	....	....	....	....	....	....	....	.42	....	....	7.64
Stuttgart[2]	Arkansas	....	....	1.84	....	.76	1.00	1.71	....	2.33	....	.86	....	....	23	45	....	....	....	....	.78	....	....	....	....	....	....	....	....	.20	.29	....	10.45
Stuttgart Evap.	Arkansas	....	T.	1.88	T.	.78	....	1.18	2.22	1.63	....	.86	....	....	....	28	.50	....	....	....	.52	T.	....	....	....	....	....	....	....	.21	.25	....	10.31
Subiaco[2]	Arkansas	....	T.	.11	.32	1.14	....	.08	.91	1.16	....	.58	.17	....	....	T.	....	....	.07	....	.75	.05	....	T.	....	....	....	....	....	.28	....	....	5.62
Sugar Grove[2]	Arkansas	....	.13	....	....	1.25	.10	.12	....	.75	....	1.68	....	....	....	....	....	....	....	....	.35	20	....	....	....	....	....	....	....	.27	....	....	4.85
Sugar Loaf Mt.[2]	White	....	....	.20	.08	1.29	.04	.12	1 20	2.14	....	.63	.03	....	....	....	....	....	....	.02	1.30	.01	....	....	....	....	....	....	....	*	.19	....	7.25
Texarkana[3]	Red	....	.77	.05	1.24	.68	.52	.57	.79	.01	.07	.67	....	....	.42	.90	.11	....	....	.33	T.	T.	....	....	....	....	....	....	T.	1.03	.01	....	8.17
Tichnor[2]	White	....	....	2.37	.35	.54	1.50	1.14	2.54	.87	....	....	....	....	....	.36	.70	....	....	.61	....	....	....	....	....	....	....	....	....	....	.65	....	11.63
Turnpike	Arkansas	....	.10	.08	.46	1.38	.05	.11	2.18	.40	....	.65	....	....	....	....	....	....	....	.27	.62	....	....	....	....	....	....	....	....	.12	.02	....	6.44
Viola[2]	White	....	....	....	....	.85	.04	.30	.95	1.74	....	.41	.18	....	....	....	....	....	....	....	.72	T.	....	....	....	....	....	....	....	T.	.05	....	5.24
Waldron[2]	Arkansas	....	.20	....	....	1.43	.10	....	.90	1.00	....	.65	T.	....	....	....	....	....	....	....	.30	....	....	....	....	....	....	....	....	.20	....	....	4.78
Walnut Grove	White	....	....	....	.23	.45	....	.12	3 60	.70	....	.54	....	....	....	....	....	....	....	....	.93	T.	....	....	....	....	....	....	....	.12	....	....	6.69
Warren	Ouachita	....	.42	.82	.05	1.42	.16	1.16	3.04	.02	....	.97	....	....	T.	.67	.67	....	....	....	.65	....	....	....	....	....	T.	....	....	.97	.08	....	11.10
Whitecliffs[2]	Red	....	.51	.78	.67	2.03	.20	....	.45	1.23	....	.88	....	....	....	.30	.20	....	....	.78	.30	....	....	....	....	....	....	....	....	.70	.30	....	9.33
White Rock	Arkansas	....	.08	....	1.05	1.45	.03	.30	1.44	.52	....	.55	....	....	....	....	....	....	....	.21	.45	T.	....	T.	T.	....	....	....	....	.05	....	....	6.13
Wilson[2]	Mississippi	....	....	.47	*	.32	.50	.50	3.00	1.00	....	.57	....	....	....	....	.24	....	....	*	*	1.10	....	....	....	....	....	....	....	.05	.25	....	8.00
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for January, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	30	28	40	50	55	60	47	44	45	44	41	40	32	31	30	31	35	40	43	48	30	28	32	38	44	30	24	34	37	47	36	38.6
	Wind move	40	56	50	24	169	164	82	115	164	60	48	52	78	63	35	149	59	20	71	109	113	78	99	176	112	73	83	114	118	121	208	2,903
Hope Exp. Farm	Evap.	*	.121	.043	.026	.030	.124	.091	.083	-008	.091	.072	.016	*	*	.115	*	*	.089	.010	.024	.050	*	*	*	.337	.047	*	*	.292	.009	....	1.717
	Mean tem.	34	36	48	53	58	61	54	46	42	44	44	46	37	34	36	36	37	37	40	47	40	35	40	42	52	43	32	36	34	48	42	42.5
	Wind move	58	21	27	22	58	86	57	99	102	41	36	46	64	20	42	45	29	20	18	9	51	39	69	38	66	99	73	22	9	22	67	1,455
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Mean tem.	32	31	45	50	58	56	53	46	42	43	40	42	35	30	30	39	40	40	42	42	36	34	36	42	48	37	24	36	33	48	39	40.6
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Mean tem.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	38	39	38	40	46	45	40	34	38	42	50	46	26	40	38	52	40	.....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	12	15	6	9	11	32	18	22	86	38	45	12	10	15	37	65	.....
Stuttgart Rice Exp, Farm	Evap.	*	*	.083	-007	.168	.090	.026	.023	-013	.003	.249	.009	.250	*	.003	*	*	*	.227	-101	.025	*	*	.148	.093	.062	*	*	*	-117	.327	1.562
	Mean Tem.	32	37	46	56	60	60	52	50	44	44	48	44	36	40	36	34	35	40	49	46	36	34	34	43	47	38	28	36	42	48	41	42.3
	Wind move	70	35	20	45	165	180	35	155	40	140	50	50	40	10	25	115	30	10	60	50	70	30	115	95	90	110	100	30	40	60	90	2,205

Daily Temperatures for January, 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	50	38	48	58	62	68	61	63	50	53	47	46	45	42	40	48	54	56	50	46	46	48	50	49	64	60	43	50	51	61	58	51.8
	Minimum	20	28	35	45	49	45	46	38	39	31	36	39	25	21	32	27	23	28	37	41	29	18	23	34	27	27	12	19	31	33	27	31.1
Arkadelphia /	Maximum	43	44	57	61	67	71	57	51	47	55	50	50	48	44	43	45	52	51	51	51	45	49	55	56	69	42	45	55	46	63	54	52.2
	Minimum	26	27	36	44	54	48	49	41	42	42	41	42	28	25	27	28	23	24	29	39	35	20	21	26	36	38	18	19	21	38	29	32.8
Ashdown /	Maximum	44	45	61	64	68	71	64	52	45	50	49	49	49	44	44	45	54	49	50	55	47	49	59	58	72	47	46	53	50	64	57	53.4
	Minimum	28	34	35	44	51	49	50	43	40	40	40	34	27	27	28	29	21	25	28	42	38	19	20	30	34	40	15	19	23	37	26	32.8
Batesville Air	Maximum	40	37	47	61	61	66	55	52	52	54	49	44	45	45	41	46	54	63	53	45	37	45	44	51	63	47	39	53	42	63	49	49.8
	Minimum	18	26	36	44	53	50	39	35	42	32	37	27	21	20	30	23	19	25	42	33	24	17	27	29	29	18	12	20	28	39	26	29.7
Batesville,Livestk/	Maximum	47	50	53	61	60	65	53	55	55	55	47	42	46	44	40	44	54	65	55	45	37	45	45	52	61	32	40	52	46	64	48	50.6
	Minimum	13	13	28	40	39	51	41	34	35	32	35	39	19	18	19	18	16	18	36	41	25	13	17	28	26	30	7	17	28	32	24	26.8
Bee Branch	Maximum	44	35	48	53	59	65	59	48	49	56	50	46	42	40	40	47	52	55	54	49	41	42	43	50	63	61	36	52	50	61	56	49.9
	Minimum	13	23	33	45	50	41	43	35	37	28	34	33	20	16	32	25	16	24	33	41	25	14	22	30	25	30	11	13	25	36	21	28.2
Benton /	Maximum	41	42	56	62	66	70	57	52	44	53	51	47	44	44	42	47	53	54	55	49	41	42	53	54	66	39	42	55	44	52	52	50.6
	Minimum	21	22	31	39	53	45	46	37	38	31	31	38	21	19	20	27	16	18	24	32	32	15	19	27	19	30	13	13	15	33	24	27.4
Bentonville /	Maximum	39	45	62	60	54	49	46	41	41	47	43	38	46	46	29	47	53	52	55	46	37	47	44	46	62	22	42	52	45	51	46	46.2
	Minimum	15	15	28	28	51	40	32	32	32	27	28	30	18	19	23	15	15	20	26	41	19	18	19	29	29	20	9	11	22	35	15	24 5
Bethesda /	Maximum	47	42	53	61	60	70	53	55	55	55	47	42	46	44	40	44	54	62	55	54	36	44	45	49	61	31	40	52	46	62	48	50.1
	Minimum	13	13	28	40	50	51	41	34	35	32	35	39	19	18	19	18	16	18	31	41	24	13	20	28	28	30	8	17	28	32	24	27 2
Bluff City	Maximum	52	44	60	62	67	71	64	55	54	46	48	49	49	41	42	45	51	50	50	50	49	48	54	55	68	67	43	52	50	62	57	53.4
	Minimum	26	34	41	54	54	50	52	39	42	42	42	43	29	27	34	29	19	29	39	46	35	22	27	35	37	33	19	22	36	41	32	35.8
Blytheville	Maximum	35	39	49	65	65	74	64	55	64	53	45	45	45	48	39	39	52	58	55	45	34	40	40	49	58	48	35	51	45	60	51	49.8
	Minimum	20	25	38	43	54	52	39	40	44	39	39	32	25	26	27	28	23	29	39	33	28	20	28	36	30	22	12	21	30	40	39	32.3
Booneville	Maximum	51	39	52	60	63	68	57	53	48	51	48	45	48	44	41	50	58	55	51	50	43	52	54	50	70	63	47	53	48	62	52	52.5
	Minimum	22	30	37	47	52	49	44	41	37	30	40	35	19	20	36	23	18	25	39	43	30	17	29	32	27	32	12	19	35	35	22	31.5
Brinkley	Maximum	40	43	54	63	65	70	55	61	54	49	50	48	42	42	40	43	51	55	56	45	38	44	44	52	65	48	39	52	43	60	51	50.4
	Minimum	21	30	41	51	54	52	41	37	44	41	40	32	28	30	30	24	21	28	41	38	26	23	26	29	32	24	15	17	29	42	25	32.6
Camden	Maximum	55	47	59	62	69	72	66	56	55	57	50	50	47	44	41	45	53	51	52	51	60	50	45	50	70	68	49	55	54	62	62	55.1
	Minimum	27	34	42	51	52	55	52	41	43	37	42	44	31	31	32	30	24	31	40	45	35	24	29	34	35	36	19	21	35	40	33	36.3
Camp Robinson	Maximum	38	42	50	61	65	69	56	52	58	52	50	49	44	43	43	44	52	57	54	48	42	45	50	50	65	49	40	54	43	63	48	50.8
	Minimum	20	31	39	47	52	45	44	37	41	32	38	31	24	21	23	23	20	27	38	38	23	17	26	30	32	22	16	19	35	35	26	30.7
Conway	Maximum	49	37	58	58	66	70	60	53	51	56	50	49	45	42	42	50	54	58	54	48	46	48	50	52	67	60	42	55	43	66	53	52.6
	Minimum	19	29	36	47	54	48	47	40	40	31	38	37	22	21	45	30	20	25	39	44	31	18	24	33	30	28	13	18	30	40	28	32.1
Corning	Maximum	35	35	45	59	61	66	58	46	60	55	49	44	45	49	44	45	53	58	56	48	37	40	42	48	61	56	36	52	44	66	53	49.9
	Minimum	11	20	32	43	52	53	43	33	40	39	35	32	19	22	31	25	18	26	34	37	25	18	26	22	39	24	10	21	24	38	26	29.6
Crossett	Maximum	47	59	58	64	68	70	65	59	60	50	49	51	48	43	42	39	50	50	50	56	49	43	53	55	69	65	44	53	50	68	61	54.5
	Minimum	24	30	50	48	43	46	50	47	46	43	42	41	30	27	36	28	24	25	35	44	38	22	19	36	27	35	20	19	36	39	39	35.1
Cummins Farm	Maximum	47	43	58	63	78	72	65	54	58	47	58	48	44	43	40	47	47	54	58	53	47	44	49	54	68	62	39	49	41	65	56	53.3
	Minimum	26	32	39	50	54	47	50	40	46	44	42	42	31	29	36	28	19	26	34	45	34	27	26	34	30	31	20	21	33	41	35	35.2
Dardanelle	Maximum	51	48	48	58	63	65	62	54	50	53	51	49	46	45	41	53	56	53	53	50	49	50	50	51	68	65	42	52	48	65	54	53.0
	Minimum	21	31	35	46	52	48	47	40	39	32	32	39	24	21	35	28	22	27	40	44	31	19	28	34	33	30	16	19	33	40	27	32.7
De Queen	Maximum	42	43	54	60	65	63	60	56	48	54	48	47	45	40	43	47	55	50	47	54	46	48	55	56	60	58	45	53	47	63	55	51.8
	Minimum	28	33	40	52	50	47	48	45	39	40	40	36	24	24	35	29	20	27	38	42	35	19	28	36	30	35	16	21	35	41	26	34.2
Des Arc	Maximum	50	47	48	59	66	70	68	54	48	50	50	49	41	45	43	43	50	61	56	54	44	44	45	52	66	65	37	49	54	62	58	52.5
	Minimum	20	28	34	45	52	51	48	36	41	41	38	38	28	24	34	26	22	28	40	41	29	22	26	32	32	29	16	18	32	40	30	32.9
Devils Knob	Maximum	36	34	48	50	53	52	49	44	44	52	43	38	42	40	40	45	51	51	48	42	35	39	38	42	56	52	31	50	40	51	42	44.5
	Minimum	14	24	31	45	45	45	36	32	32	32	32	25	21	23	23	17	29	35	39	34	19	19	24	25	33	17	8	24	29	34	15	27.8
Dumas	Maximum	47	42	58	62	68	70	67	58	58	49	49	49	47	42	40	38	47	50	58	52	49	44	52	55	69	58	40	50	43	61	59	52.6
	Minimum	25	32	40	49	54	44	50	41	47	44	42	44	31	27	35	28	20	27	40	46	34	25	26	35	33	31	20	20	34	42	35	35.5
El Dorado	Maximum	43	55	60	63	67	66	53	54	46	47	50	49	46	40	38	40	50	50	52	51	47	48	54	54	69	40	42	51	40	66	52	51.1
	Minimum	28	36	47	42	40	42	50	40	39	40	41	42	32	28	32	29	28	32	39	47	36	25	26	31	38	22	23	21	36	37	36	35.0
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	37	45	57	57	57	55	50	38	39	49	45	41	43	47	42	43	50	53	51	46	35	43	42	43	60	52	40	49	44	54	43	46.8
	Minimum	12	28	30	47	49	46	34	32	32	32	35	27	18	28	24	15	26	34	43	33	17	19	32	28	35	17	8	28	34	39	16	29.0
Fayetteville	Maximum	42	43	61	58	58	55	50	43	43	52	44	42	45	44	39	45	52	53	52	46	35	44	43	45	61	51	41	51	42	51	45	47.6
	Minimum	18	29	30	51	50	44	36	34	33	32	38	28	18	23	25	17	18	25	42	32	21	19	31	29	35	18	10	27	35	37	17	29.1
Fayetteville Exp. S	Maximum	44	42	64	57	55	53	48	42	41	49	44	38	46	45	41	45	53	51	50	46	35	44	44	45	61	57	40	47	42	52	45	47.3
	Minimum	14	25	27	48	49	42	33	33	30	28	35	26	15	24	24	14	16	23	39	33	19	17	31	27	31	17	8	22	27	39	15	26.8
Fordyce	Maximum	47	44	58	60	66	71	64	54	53	48	48	49	48	43	40	41	48	50	58	50	50	45	52	54	68	64	44	54	44	63	55	52.7
	Minimum	27	33	41	52	54	51	50	40	44	43	41	43	28	27	34	28	22	31	38	36	34	24	27	34	38	33	19	23	36	44	32	35.7
Fort Smith	Maximum	39	39	50	61	62	56	56	49	43	46	46	46	47	41	40	43	51	50	50	49	40	49	49	48	68	47	44	51	46	55	46	48.6
	Minimum	21	32	37	48	49	43	43	37	37	31	42	31	22	24	30	23	21	25	37	35	26	22	28	31	31	20	15	23	35	32	25	30.8
Gilbert /	Maximum	41	47	54	62	59	58	50	49	46	56	48	40	49	50	37	48	56	66	57	44	37	47	43	50	64	54	46	56	47	62	57	51.0
	Minimum	10	10	33	38	50	35	35	33	34	31	36	37	17	14	14	19	11	11	17	36	24	9	10	30	21	29	5	13	14	34	21	23.6
Grannis	Maximum	50	41	57	58	62	62	58	58	50	55	51	46	46	40	41	53	59	52	47	54	44	52	54	53	66	58	47	55	45	62	53	52.5
	Minimum	26	31	39	51	42	45	52	43	32	37	39	32	25	24	33	24	23	30	35	42	32	20	22	34	30	32	14	23	32	38	25	32.5
Gravette	Maximum	41	45	61	58	59	55	53	40	42	48	45	41	45	45	40	47	52	51	52	45	35	45	43	45	61	53	41	51	48	47	45	47.7
	Minimum	15	24	30	47	50	36	31	33	32	24	26	27	15	25	24	14	16	24	42	32	18	16	32	29	31	16	6	22	30	40	14	26.5
Green Mountain	Maximum	41	49	50	56	59	70	57	45	48	50	47	46	47	40	39	47	52	53	58	51	48	47	47	54	60	45	38	45	49	53	48	49.6
	Minimum	14	25	33	42	49	50	37	31	36	37	34	31	23	20	22	19	24	22	38	20	22	20	18	17	28	19	7	30	31	33	20	27.5
Harrison	Maximum	39	42	55	58	58	54	49	40	41	54	45	42	49	50	43	45	53	63	52	46	36	48	45	46	63	53	45	54	41	59	44	48.8
	Minimum	12	25	34	46	50	41	37	33	35	30	36	30	17	19	28	17	17	25	42	35	21	14	29	30	27	21	8	24	26	39	20	28.0
Helena	Maximum	44	39	54	63	62	73	64	60	64	48	48	48	44	44	42	35	41	50	57	52	44	42	44	48	62	60	37	50	44	61	56	51.0
	Minimum	21	26	38	50	52	49	47	40	46	41	38	41	29	26	34	27	17	29	38	43	32	22	26	35	33	29	17	20	34	39	33	33 9
Hope /	Maximum	41	45	60	62	63	71	57	50	44	47	48	50	45	40	43	44	52	50	49	53	42	49	55	55	69	44	45	52	46	60	55	51.2
	Minimum	28	28	35	44	52	51	52	43	41	41	41	41	29	27	28	28	22	24	32	41	37	21	24	30	36	42	19	21	23	36	30	33.8
Hot Springs	Maximum	51	42	51	57	64	67	61	52	50	56	51	46	45	42	42	54	56	58	51	49	48	48	52	53	66	64	46	56	53	61	57	53.2
	Minimum	23	30	36	48	50	51	47	39	39	34	38	39	26	24	33	27	27	35	39	43	32	23	27	34	40	31	14	24	32	39	27	33.9
Jonesboro	Maximum	36	36	47	57	62	69	61	49	62	53	44	46	43	46	40	41	52	58	52	48	39	42	42	49	62	56	37	50	43	60	53	49.5
	Minimum	19	22	34	45	52	51	46	34	42	36	38	35	24	22	32	27	21	31	39	37	26	20	25	33	34	24	13	20	27	37	28	31.4
Lead Hill	Maximum	40	44	50	59	59	59	49	40	42	50	44	42	50	50	40	47	55	59	57	47	37	48	45	47	66	49	45	54	40	59	46	49.0
	Miuimum	10	20	36	45	51	37	37	33	35	30	38	27	15	18	29	17	13	20	37	34	22	13	21	26	23	20	6	15	23	35	20	26.0
Little Rock	Maximum	37	41	49	60	65	69	54	53	50	50	50	47	42	41	42	44	50	54	54	48	40	42	50	51	65	48	36	50	42	62	48	49.5
	Minimum	23	32	40	49	53	49	44	39	43	39	41	34	39	28	29	27	24	31	39	40	30	23	28	36	34	24	17	20	35	42	32	33.9
Lutherville	Maximum	47	43	48	55	58	63	58	51	51	53	48	44	44	41	39	47	51	49	51	47	45	46	49	49	65	56	50	52	43	59	49	50.0
	Minimum	18	26	33	46	50	45	43	39	36	32	38	29	21	20	30	24	22	25	31	42	27	16	26	32	29	26	11	19	31	36	20	29.8
Magnolia	Maximum	54	53	63	64	69	69	64	54	55	47	50	49	48	45	40	40	49	48	51	53	52	48	55	54	70	64	43	53	48	67	57	54.1
	Minimum	29	37	45	55	53	50	52	43	43	42	42	42	30	29	33	30	20	30	40	48	36	23	28	35	36	32	20	25	36	40	34	36.7
Mammoth Spring	Maximum	36	35	44	57	59	58	54	43	52	54	49	44	46	46	42	46	52	59	56	53	41	42	42	46	59	58	38	54	54	63	58	49.7
	Minimum	13	18	33	42	53	42	41	34	39	31	37	33	16	18	31	23	14	21	35	40	22	13	13	32	23	22	6	14	14	37	22	26.8
Marianna /	Maximum	40	49	55	63	65	73	59	65	50	49	51	47	42	39	39	37	48	48	56	47	38	43	44	49	63	40	38	51	50	61	57	50.2
	Minimum	23	25	34	48	51	51	51	38	39	42	37	41	30	26	29	28	14	20	30	39	33	24	27	29	31	34	18	20	29	34	33	32.5
Marked Tree /	Maximum	36	43	51	62	65	72	52	64	52	50	45	48	43	45	38	40	52	58	54	44	37	42	42	48	62	39	36	51	49	60	47	49.3
	Minimum	20	20	29	40	50	47	48	35	36	41	38	38	27	25	25	27	24	22	28	39	30	21	19	27	29	34	15	14	18	34	40	30.3
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mena	Maximum	48	37	49	57	59	66	66	50	46	52	48	46	46	41	38	51	59	51	45	48	40	48	52	51	65	56	49	55	42	61	51	50.7
	Minimum	24	30	36	48	47	49	46	41	36	30	38	28	23	22	32	22	21	30	37	40	29	19	28	34	35	28	12	23	34	39	23	31.7
Monticello	Maximum	45	44	59	63	67	67	63	59	53	48	49	48	47	43	40	35	48	51	50	53	48	45	53	51	68	52	43	54	49	67	49	52.0
	Minimum	26	36	42	50	54	50	48	43	44	44	42	36	32	30	34	25	22	29	38	44	35	35	25	35	35	35	19	24	36	48	30	86.3
Morrilton /	Maximum	38	49	64	61	63	67	58	52	45	53	48	47	46	41	42	48	55	54	52	49	40	48	50	49	65	37	39	53	48	62	48	50.7
	Minimum	19	21	31	38	53	50	48	39	39	36	37	41	24	23	24	28	26	28	30	39	31	23	23	33	30	36	15	18	22	35	29	31.3
Mountain Home	Maximum	39	39	48	61	62	58	55	44	50	53	47	46	51	49	43	49	54	61	57	52	42	49	43	48	65	53	45	55	41	64	47	50.6
	Minimum	12	21	35	42	52	41	37	34	36	29	36	29	16	19	30	19	15	22	37	23	21	14	23	30	24	21	8	16	25	38	19	26.6
Mt. Ida	Maximum	52	40	50	60	58	69	57	52	50	56	49	48	50	42	41	53	52	56	50	48	47	39	54	53	67	61	47	55	46	64	54	52.3
	Minimum	21	30	38	48	48	46	46	42	36	32	40	29	18	16	32	23	15	22	35	40	34	12	22	35	34	32	8	14	29	40	26	30.4
Nashville	Maximum	45	42	54	..	..	..	..	51	51	54	49	..	..	..	..	..	54	50	48	53	42	54	55	54	69	51	45	52	42	62	54	51.4
	Minimum	28	34	41	48	52	47	52	43	41	42	41	..	..	..	..	..	20	27	38	45	35	20	23	33	29	35	19	22	35	29	27	34 8

Daily Temperatures for January, 1946 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	37	37	47	60	64	72	60	50	50	54	46	45	44	45	41	45	53	60	56	49	40	45	45	52	64	51	51	52	43	65	55	50.9
	Minimum	21	25	36	45	56	51	47	36	40	35	40	38	29	25	34	30	23	28	43	40	30	22	28	35	30	25	15	20	27	38	30	33.0
Nimrod Dam /	Maximum	43	39	58	61	63	66	59	51	44	53	47	44	46	42	40	51	57	55	55	47	42	50	53	51	67	38	47	55	46	63	50	51.1
	Minimum	20	23	32	38	54	47	47	40	40	33	34	40	24	19	20	27	22	24	30	38	31	17	18	34	29	36	12	17	20	35	28	30.0
Oden	Maximum	48	41	52	60	65	68	60	50	49	61	51	45	48	42	43	55	61	56	53	50	45	53	55	55	68	45	50	57	42	63	52	53.0
	Minimum	26	34	41	51	52	51	49	45	42	35	42	42	23	21	34	29	21	30	39	40	34	18	26	32	31	26	17	17	34	39	26	33.5
Okay	Maximum	56	57	55	62	67	70	70	59	49	51	48	48	47	44	44	46	53	53	49	49	48	49	56	57	70	55	56	53	52	63	63	54.8
	Minimum	28	27	40	52	51	49	49	42	40	41	41	37	34	32	34	27	21	28	38	36	37	22	26	32	37	19	21	21	35	40	29	34.4
Ozark	Maximum	42	38	50	57	59	59	60	50	50	50	50	48	48	44	41	48	49	54	51	52	43	50	50	56	65	58	42	50	40	57	50	50.4
	Minimum	20	29	37	49	52	43	42	42	38	34	37	32	20	21	24	23	21	21	36	43	29	19	26	34	29	27	13	20	34	34	22	30.7
Paragould	Maximum	38	35	47	57	60	65	62	61	60	50	48	45	40	43	40	39	48	56	51	48	40	36	40	46	58	55	32	47	42	58	58	48.5
	Minimum	19	22	34	45	53	50	40	40	44	38	37	36	24	22	32	27	19	26	38	38	27	18	24	34	27	24	12	19	25	38	27	30.9
Perryville	Maximum	..	..	..	..	70	62	51	52	50	50	48	46	42	42	49	53	59	53	49	48	49	50	52	66	59	43	55	42	62	52	59	52.3
	Minimum	20	18	34	48	52	46	47	38	39	40	40	34	20	19	23	27	29	31	34	41	20	17	21	33	25	29	11	15	29	32	27	30.3
Pine Bluff	Maximum	48	41	58	61	64	73	63	51	53	53	50	59	44	43	41	41	51	52	53	49	47	42	53	55	69	56	40	54	45	63	54	52.5
	Minimum	26	34	40	51	55	50	50	41	45	43	41	38	30	27	32	28	23	31	42	42	33	23	28	34	35	31	19	22	35	42	33	35.6
Pocahontas	Maximum	..	..	..	58	60	64	59	50	55	50	47	44	44	45	41	45	56	60	54	50	40	39	43	48	61	57	34	51	45	60	61	50.7
	Minimum	15	20	32	42	52	46	44	33	40	31	33	35	18	19	31	26	16	25	39	38	24	15	15	33	25	23	8	17	25	37	24	28.4
Portland	Maximum	47	56	58	65	68	70	68	62	61	49	51	48	47	45	41	37	47	50	56	55	51	42	52	56	68	63	42	52	46	71	61	54.4
	Minimum	26	32	45	45	53	50	50	50	48	45	44	45	31	30	37	29	26	28	37	41	36	25	24	35	34	35	22	23	36	40	39	36.8
Prescott	Maximum	53	42	54	61	65	70	65	55	51	47	49	50	45	43	42	43	50	50	49	52	49	47	54	55	68	67	43	51	49	61	59	52.9
	Minimum	27	34	40	53	53	49	52	40	41	41	41	44	28	26	34	29	21	30	37	45	36	23	27	34	36	36	18	22	35	40	30	35.5
Rogers	Maximum	39	46	62	57	57	54	49	48	42	47	42	40	47	47	37	47	53	53	52	45	35	45	44	45	63	45	42	52	42	53	42	47.5
	Minimum	14	24	29	46	49	39	32	33	32	27	36	27	18	23	26	15	20	20	40	32	18	19	30	28	31	18	8	22	31	40	14	27.1
Russellville	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	41	50	55	55	53	51	48	49	50	50	67	64	38	52	46	64	54	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	35	28	20	25	39	39	31	19	26	34	33	29	14	19	31	40	26	....
St. Charles	Maximum	49	41	56	63	67	76	66	59	65	50	52	..	50	45	44	40	48	51	58	56	46	44	46	52	66	66	39	53	49	63	62	54.1
	Minimum	21	28	36	45	51	47	48	37	44	40	38	..	29	26	33	26	12	23	36	41	29	24	26	30	31	30	16	21	32	38	33	32.4
Searcy	Maximum	42	36	47	59	67	72	64	52	53	55	49	48	47	45	42	49	57	60	56	52	44	49	47	55	65	54	44	56	46	67	56	52.7
	Minimum	19	28	35	45	53	48	48	35	42	34	40	37	24	21	34	27	20	25	40	42	29	20	25	32	30	27	14	18	29	39	28	31.9
Sheridan	Maximum	55	38	50	61	66	72	59	54	52	50	50	50	43	43	42	45	52	53	56	52	48	47	52	53	66	64	42	53	48	61	58	52.7
	Minimum	21	29	36	46	52	50	47	36	42	32	45	39	23	22	33	25	20	26	36	42	31	17	25	32	30	30	13	16	32	40	27	32.1
Siloam Springs	Maximum	41	44	60	58	59	53	50	42	42	46	43	43	46	44	40	46	53	51	53	46	35	46	44	46	62	40	42	49	43	49	45	47.1
	Minimum	19	23	33	50	51	43	33	35	33	26	39	28	16	23	26	17	18	24	42	33	21	17	33	31	32	19	8	22	31	40	16	28 5
Stuttgart	Maximum	49	40	57	60	67	69	55	53	57	47	54	49	43	43	41	40	50	52	60	54	45	44	47	52	67	59	37	49	43	63	56	51.7
	Minimum	24	33	39	50	54	49	50	39	46	42	40	39	29	26	35	27	22	30	40	44	32	23	26	35	32	30	19	21	33	42	33	35 0
Stuttgart Evap. /	Maximum	40	49	56	64	65	70	53	60	48	46	56	47	42	43	40	40	48	51	58	47	39	44	45	51	64	38	36	49	50	61	48	49.9
	Minimum	24	25	35	48	54	50	50	39	40	42	40	42	31	28	34	28	22	28	40	44	33	25	28	35	30	37	20	22	33	35	34	34.7
Subiaco	Maximum	40	36	48	57	60	62	57	52	50	47	45	45	42	39	40	44	48	49	47	47	42	48	47	44	61	58	36	48	45	53	48	47.9
	Minimum	32	30	34	44	51	47	43	47	36	34	39	32	22	21	31	24	24	30	38	40	29	21	26	31	38	25	13	20	32	34	23	32.0
Texarkana	Maximum	43	47	62	65	67	68	58	50	44	46	49	48	45	40	42	37	50	49	51	53	43	48	56	54	70	55	45	52	43	61	53	51.4
	Minimum	31	37	45	56	53	51	48	43	42	42	40	37	30	28	31	27	23	31	42	43	30	24	30	35	39	30	21	26	37	42	30	36.3
Turnpike	Maximum	37	33	37	54	50	57	48	45	45	52	44	40	44	40	34	45	52	39	46	51	40	33	45	54	57	52	38	49	37	54	44	45.0
	Minimum	11	22	11	27	42	44	34	29	31	30	29	23	18	24	22	14	20	11	24	32	16	22	21	29	24	15	6	21	27	31	17	23.5
Waldron	Maximum	50	40	53	60	62	68	55	53	48	49	48	45	45	43	41	48	55	54	51	47	43	62	53	50	67	62	46	55	50	62	57	52.3
	Minimum	22	32	37	48	51	46	44	41	37	31	40	34	19	19	34	23	17	23	38	42	30	16	29	36	26	30	11	18	32	38	25	31.3
Warren	Maximum	48	48	57	61	69	67	65	53	55	49	49	49	47	44	44	38	50	52	58	54	52	45	53	52	70	64	43	53	48	53	51	52.9
	Minimum	27	34	43	49	54	45	51	42	45	45	42	44	31	28	28	26	21	26	46	49	37	25	26	35	38	33	20	21	37	37	35	36.1
White Rock	Maximum	38	36	52	51	55	52	50	51	50	52	42	38	42	39	37	50	51	51	46	42	33	41	41	45	58	54	37	50	44	53	46	46.0
	Minimum	25	25	31	45	43	44	36	36	30	31	31	34	20	27	22	20	26	38	37	31	17	18	23	25	29	17	17	24	28	33	17	28.4
Wilson	Maximum	39	42	50	65	61	72	64	60	63	63	63	46	39	46	46	36	45	53	53	48	46	37	45	47	50	52	48	47	46	54	55	51.0
	Minimum	18	27	34	46	47	47	42	40	38	36	34	35	23	22	32	24	18	27	27	38	27	17	25	30	28	25	25	26	24	26	28	30.2
Wynne /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily River Stages for January, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.3	4.4	4.1	4.1	4.4	9.2	13.9	15.9	16.6	18.6	18.5	19.5	20.4	18.5	16.6	15.3	13.4	11.8	10.1	10.0	9.6	9.3	8.9	8.7	8.4	8.0	8.0	7.6	7.4	7.0	7.0
Van Buren	do	22	4.9	5.0	4.7	4.6	5.1	9.1	13.9	16.6	17.3	19.6	19.0	20.4	20.4	19.1	17.6	16.5	14.2	12.6	10.8	10.4	10.2	10.0	9.5	9.2	9.1	8.7	8.6	8.2	8.1	7.7	7.8
Danville	Petit Jean	20	3.7	3.6	3.7	3.8	6.9	19.1	20.2	20.5	23.2	24.0	23.9	23.0	22.4	21.4	19.8	17.2	14.2	11.0	9.4	10.4	13.5	12.8	10.7	9.4	8.7	8.0	7.4	7.0	6.4	6.8	7.3
Ozark	Arkansas	22	1.3	1.3	1.3	1.3	1.3	2.7	6.8	12.8	14.9	16.9	16.0	16.7	16.8	15.8	14.4	13.1	12.0	10.0	8.5	6.8	6.8	6.6	6.7	5.7	5.2	5.0	4.8	4.7	4.6	4.4	4.0
Dardanelle	do	22	2.6	2.8	2.8	2.7	3.1	7.4	8.8	13.4	19.4	18.8	19.1	19.4	19.7	18.9	17.6	16.2	14.5	12.5	11.0	9.9	9.4	9.0	8.5	7.9	7.6	7.3	7.0	6.6	6.4	6.2	6.0
Morrilton	do	20	-2.4	-2.3	-2.1	-2.1	-2.2	1.7	3.8	7.2	12.8	14.6	14.6	14.9	15.2	14.8	13.8	12.8	11.4	9.3	8.0	6.7	6.0	5.6	5.0	4.4	3.8	3.4	3.0	2.4	1.9	1.6	1.4
Little Rock	do	23	2.0	2.0	2.2	2.2	2.8	3.7	6.3	7.9	12.9	16.2	16.3	16.5	16.6	16.6	15.9	14.9	13.8	12.5	11.2	10.1	9.5	9.0	8.5	8.0	7.5	7.1	6.7	6.1	5.6	5.2	5.0
Pine Bluff	do	25	3.1	3.0	3.5	3.7	4.0	5.0	7.0	10.1	14.2	17.5	19.9	20.0	20.0	19.9	19.6	19.0	17.5	16.3	14.6	13.7	12.9	12.2	11.7	11.3	10.6	10.2	9.7	9.2	8.6	8.0	7.6
Gilbert	Buffalo	30	4.4	4.4	4.4	4.4	4.9	10.0	5.8	6.8	19.1	9.7	7.6	7.8	6.7	6.4	5.5	5.8	5.7	5.5	5.4	5.4	5.3	5.5	5.4	5.3	5.3	5.3	5.3	5.2	5.0	4.9	4.9
Black Rock	Black	14	4.2	4.1	3.9	3.9	3.8	3.9	4.1	4.2	16.4	21.0	20.4	19.3	18.7	17.9	17.3	16.7	16.2	15.8	15.5	15.2	15.3	14.9	14.3	13.7	12.9	12.0	11.0	10.4	9.5	8.8	8.3
Ozark Beach Mo.	White	30	-0.6	-0.6	-0.6	-0.6	-0.6	3.4	3.4	6.2	9.4	11.0	12.3	11.3	8.8	8.4	7.1	6.0	5.4	5.0	4.7	4.6	4.6	4.5	4.6	4.6	4.6	4.5	4.4	3.3	1.6	1.6	2.4
Cotter	do	21	1.9	1.8	1.8	1.8	2.7	5.1	6.2	6.0	15.0	13.9	13.1	14.3	12.8	10.4	9.8	8.9	7.6	7.0	6.4	6.0	6.4	6.3	6.1	6.0	5.9	5.8	5.6	5.5	4.7	4.1	4.3
Calico Rock	do	18	2.4	2.0	2.2	2.2	2.6	5.6	7.2	7.0	15.6	18.8	14.5	15.2	14.3	11.8	10.3	9.4	8.3	7.6	9.3	6.7	7.0	6.7	6.8	6.6	6.5	6.2	6.1	5.9	5.8	5.3	4.8
Batesville	do	23	7.2	7.1	7.0	7.3	7.2	8.4	13.5	13.5	23.4	26.9	23.9	22.4	22.6	20.2	17.9	16.6	15.1	14.0	13.1	12.9	13.0	13.1	12.9	12.5	12.3	12.2	11.9	11.6	11.4	11.0	10.8
Newport	do	26	3.8	3.8	3.8	3.5	3.5	4.1	5.5	9.5	17.8	22.9	25.6	26.6	27.0	27.0	26.4	25.5	24.4	23.2	22.0	20.8	20.3	19.6	19.0	18.5	17.8	17.1	16.4	15.5	14.6	13.7	12.7
Augusta	do	32	16.3	16.2	16.2	16.2	16.1	16.2	17.2	20.7	26.5	29.8	31.0	32.4	32.9	33.1	33.2	33.1	32.9	32.6	32.4	32.2	31.9	31.7	31.5	31.3	31.1	31.0	30.6	30.2	29.7	29.2	28.4
Sugar Loaf Mt.	Little Red	..	5.1	5.0	4.9	4.8	5.1	11.9	10.8	9.2	24.3	27.8	12.7	11.5	10.0	8.7	8.0	7.4	6.8	6.5	6.2	6.9	9.7	8.6	7.7	7.2	6.8	6.4	6.0	5.8	5.5	5.5	5.4
Georgetown	White	21	6.9	6.9	7.0	7.1	7.1	7.9	10.0	13.0	17.6	20.0	21.6	22.8	23.7	24.0	24.5	24.7	24.7	24.6	24.2	23.5	23.6	23.3	22.9	22.6	22.3	22.0	21.6	21.2	20.9	20.5	20.1
Des Arc	do	24	9.6	9.5	9.7	10.3	10.4	10.8	12.0	14.2	18.9	21.6	23.2	24.2	25.2	26.0	26.5	27.0	27.2	27.1	26.9	26.7	26.4	26.0	25.5	25.3	24.8	24.5	23.9	23.5	23.2	22.9	22.5
Clarendon	do	26	16.1	15.9	16.3	16.8	17.1	17.4	18.0	19.3	21.8	23.2	24.4	25.9	26.9	27.5	28.0	28.4	28.8	29.1	29.4	29.6	29.6	29.6	24.5	29.4	29.2	29.0	28.8	28.5	28.3	28.0	27.8
St. Charles	do	25	15.6	15.5	15.9	16.5	16.9	17.3	17.7	18.8	21.0	22.0	22.9	23.6	24.2	24.7	25.0	25.6	26.1	26.6	27.0	27.4	27.7	28.0	28.2	28.3	28.3	28.3	28.2	28.0	27.7	27.5	27.2
Glenwood	Caddo	..	5.6	5.6	5.8	5.8	12.1	8.1	6.8	7.3	9.3	7.1	7.2	7.0	6.5	6.0	6.0	5.8	5.7	5.6	5.5	6.1	5.8	5.7	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.5	5.5
Arkadelphia	Ouachita	17	5.2	4.9	9.2	8.8	12.8	19.3	18.1	17.0	23.0	24.3	22.7	19.6	16.5	13.6	12.1	9.3	10.2	9.9	8.6	10.8	11.9	9.4	8.8	8.5	8.2	8.2	7.9	7.5	7.2	8.2	7.8
Boughton	Little Mo.	20	7.0	6.8	7.3	10.8	14.8	18.1	19.6	19.4	18.8	20.4	20.4	19.2	17.9	16.6	14.7	13.8	12.3	11.6	12.8	13.2	13.9	14.4	13.5	11.8	10.6	8.7	8.3	7.8	7.6	9.2	10.2
Camden	Ouachita	26	15.4	13.8	12.8	15.4	19.4	23.0	27.0	29.6	32.3	35.8	35.8	36.8	37.4	37.3	36.4	34.4	34.2	32.8	31.7	30.6	29.6	29.2	28.9	27.2	27.2	25.9	24.4	22.3	20.1	18.7	18.8
Benton	Saline	20	5.9	5.8	7.3	8.6	12.1	19.5	11.2	11.2	23.0	16.1	11.6	13.5	11.3	9.6	8.5	8.5	8.2	8.0	7.7	10.0	8.6	9.0	8.7	8.0	7.6	7.4	7.3	6.8	6.5	7.7	7.9
Index	Red	25	6.8	6.8	6.8	7.2	7.1	8.2	9.2	11.4	12.5	15.2	15.0	15.2	15.4	14.6	14.6	12.8	12.8	13.0	13.4	13.0	12.8	12.0	11.8	11.7	10.5	10.2	10.1	10.1	10.1	10.2	9.9
Fulton	do	25	9.6	10.0	10.6	11.0	11.5	12.8	13.8	14.3	17.5	19.1	20.0	22.0	23.6	....	....	....	....	19.4	19.2	18.4	17.4	16.6	16.0	15.3	14.4	13.3	12.6	12.3	12.1	12.2	12.8
St. Francis	do	18	9.2	9.1	8.9	8.7	8.6	8.9	9.5	10.3	17.0	17.6	17.9	18.1	18.5	18.9	19.3	19.5	19.5	19.4	19.3	19.1	19.1	18.8	18.5	18.1	17.5	16.9	16.1	15.3	14.5	13.5	12.7
St. Francis L.L.	do	..	20.7	20.8	20.9	20.9	20.9	20.9	20.9	21.1	21.6	22.0	22.5	23.1	23.6	24.0	24.3	24.6	24.8	24.9	25.0	25.1	25.1	25.0	25.0	24.9	24.8	24.6	24.5	24.3	24.1	24.0	23.8
Marked Tree	do	17	8.0	7.9	8.0	8.0	8.0	8.0	8.1	9.0	12.2	12.8	12.7	12.8	12.6	12.3	12.1	12.0	11.8	11.5	11.0	10.9	10.9	0.7	10.5	10.2	9.8	10.0	10.1	10.0	9.8	9.7	9.5
Parkin	do	28	9.7	9.4	10.0	10.4	10.4	10.6	10.9	12.3	19.6	21.8	22.6	23.1	23.4	23.6	24.0	24.2	24.6	24.8	24.8	24.8	24.8	25.0	25.0	25.0	24.8	24.5	24.2	24.0	23.6	23.1	22.5
Madison	do	32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	Mississippi	44	18.7	20.4	21.4	21.6	21.6	21.6	21.8	21.9	23.0	25.3	29.5	33.1	35.5	37.0	38.1	39.3	40.2	41.2	42.0	42.7	43.3	43.7	44.0	44.2	43.9	43.6	43.2	42.3	41.0	38.7	35.7
Arkansas City	do	42	14.6	16.3	17.3	18.2	18.8	19.0	18.9	18.6	20.4	22.1	24.9	27.7	29.4	31.2	32.2	32.9	33.6	34.2	34.8	35.4	35.9	36.3	36.7	37.0	37.2	37.3	37.2	36.7	36.0	35.0	33.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ᵃ, ᵇ, ᶜ, etc., number days missing, example, ᵇindicates 2 days missing. *Italics*, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2] Measured in the morning for the preceding 24 hours. [3] Data for 24 hours ending at 12:30 a. m. of the following day. [4] Best available used for stations not equipped with recorders. [5] Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill: Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner: Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord: White Rock, Route 2, Winslow.

W.B.R.P.O. Fort Worth, Texas—4-19-1946—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. LI LITTLE ROCK, ARK., FEBRUARY, 1946 No. 2

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Mild temperatures prevailed in Arkansas during most of February. The monthly mean temperature for the State was almost four degrees above normal, and more than three degrees warmer than the same month last year. No severely cold weather was experienced, the lowest temperatures reported ranging from 11° in the extreme northwest to slightly below freezing in the southeastern section. The highest temperatures reported were in the seventies.

Precipitation was above normal in all sections of the State during February, averaging about one and one half inches above normal for the State as a whole. The moisture was well distributed, all stations receiving adequate amounts and no station reporting excessively heavy rainfall. General rains fell in all sections on the 4th and 5th, 10th, 13th, and 19th. On the 10th the rain turned to snow over much of the State, with depths ranging up to eight inches in the northern and eastern sections. Most of the snow melted within a few hours after falling.

Some flooding occurred on most of the rivers in Arkansas during February. The lower portions of the White and Black rivers continued above flood stage until the middle of March.

With ample moisture, winter grains made good growth, and meadows and pastures were greening toward the close of the month. Some plowing was done where the soil was sufficiently dry. A few gardens were planted in the southern counties.

B. N. W.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 79 stations, was 47.6°, which is 3.9° above the 56 year average for February. The highest monthly mean temperature was 53.2° at Magnolia, and the lowest was 43.7° at Bentonville. The highest temperature recorded was 78° at Benton on the 26th, and the lowest temperature recorded was 11° at Gravette on the 14th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 102 stations, was 5.05 inches, which is 1.51 inches above the 56 year average for February. The greatest monthly total was 7.51 inches at Arkansas City, and Glenwood, and the least was 2.18 inches at Lake City. The greatest amount recorded in a 24 hour period was 3.28 inches at Mena on the 12th-13th.

Errata for August, 1945

Date of lowest temperature: Oden, 25th†, Subiaco, 28th.
Total precipitation: Camp Chaffee, 2.68; Conway, 2.50.
Date of greatest 24-hour precipitation at Grannis 7th, Mammoth Spring 22d, Mountainburg 21st-22d.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms:---3,4,5,8,12,13,23,26,27.
High Winds:---5,6,9,13,14,21,22,23,25,26.
Heavy Fog:---11,18,19,20.
Sleet:---9,10,13.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.43	20	29.44	13	8.6	36	w.	13	83	66	60	70	494
Little Rock	30.48	15	29.46	13	9.4	34	sw.	13	82	56	58	61	464
Memphis .	30.50	15	29.45	13	9.8	38	sw.	13	82	59	66	58	507

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.5	80	6	2.92	....	8	10	9	9
1892	49.0	78	18	3.47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	46.6	89	7	2.59	0.7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2.7	6	12	6	10
1900	39.7	74	− 5	5.06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	− 2	2.60	3.2	5	9	8	11
1903	41.0	79	−12	7.63	2.7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.3	82	−29	2.55	7.1	7	9	6	13
1906	41.8	75	− 7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2.77	0.5	6	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	6	9
1910	39.0	75	−13	3.66	5.9	7	11	6	11
1911	49.8	87	7	4.31	0.3	9	9	8	11
1912	37.9	78	− 7	2.80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	− 2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	43.4	89	− 4	1.93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3.34	2.5	8	13	4	11
1920	45.0	79	− 2	1.26	1.0	5	11	8	10
1921	48.3	85	− 3	3.59	9.8	6	15	5	8
1922	47.8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1.9	8	11	4	13
1924	42.9	82	− 7	2.26	0.4	7	12	4	13
1925	49.3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35.4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3.92	0.0	6	12	6	10
1931	48.2	75	14	4.77	T.	8	13	4	11
1932	52.0	86	9	4.72	T.	9	13	5	11
1933	41.5	82	−13	3.53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.44	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
1937	44.2	84	12	2.11	0.2	6	11	7	10
1938	50.9	87	8	6.08	0.1	7	9	7	12
1939	43.6	76	4	8.56	3.2	12	10	5	13
1940	41.9	88	10	3.31	3.2	10	7	5	17
1941	40.8	72	7	2.92	3.4	8	11	5	12
1942	41.2	81	− 2	2.97	1.4	8	9	7	12
1943	47.5	83	7	1.00	0.4	3	14	8	6
1944	48.2	87	4	7.34	2.5	12	8	7	14
1945	44.1	88	12	7.86	1.0	11	7	5	16
1946	47.6	78	11	5.05	2.6	9	14	4	10
Period	43.7	93	−29	3.54	1.8	7	11	6	11

Climatological Data for February, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork.......***	Saline..........	755	9	46.3	......	72	25	20	1	5.34	......	2.00	4-5	1.5	9	14	5	9	w.	L. R. Water Works
Arkadelphia	Clark..........	200	50	48.3	+ 2.4	76	25	21	1	4.81	+0.99	1.35	4-5	0.8	11	14	4	10	s.	W. H. Halliburton
Arkansas City.......	Desha..........	145	61	......	......	......	......	......	......	7.51	+3.11	2.52	8-9	0	10	14	3	11	......	John W. Trammell
Ashdown............	Little River.....	329	2	45.1	......	75	24	20	11	6.44	......	1.41	4-5	T.	11	16	2	10	......	Southwestern G. & E.
Batesville Airway..	Independence...	363	10	45.4	+ 4.2	74	25	20	11	5.12	......	1.92	5	7.0	9	17	3	8	s.	Airway Observer
Batesville Livestk...	Independence...	500	5	45.8	......	73	25	22	11	4.23	......	1.72	12-13	5.0	6	15	6	7	ne.	University of Arkansas
Batesville River.....	Independence...	277	46	......	......	......	......	......	......	4.98	+1.52	2.15	5	6.0	7	12	5	11	......	C. M. Barnwell
Bee Branch	Van Buren......	650	53	44.7	+ 2.0	70	25†	17	1	6.35	+3.19	3.00	12-13	5.0	6	16	3	9	n.	Minnie Scanlan
Benton..............	Saline..........	285	10	44.2	+ 1.1	78	26	14	1	4.95	......	1.30	4-5	2.5	8	18	1	9	sw.	Mrs. Etta C. Burks
Bentonville	Benton.........	1295	40	43.7	+ 3.9	72	22	14	14	4.29	+2.02	2.40	12-13	0.8	6	16	4	8	s.	E. L. Brown
Bethesda ....***	Independence...	500	6	45.6	......	73	25	21	11	3.80	......	1.07	5	5.0	7	16	5	7	ne.	Soil Cons. Service
Big Lake Outlet ..***	Mississippi......	239	15	......	......	......	......	......	......	5.62	+2.97	1.61	5-6	2.4	14	12	7	9	s.	N. W. Douglas
Black Rock..........	Lawrence.......	259	44	......	......	......	......	......	......	4.74	+1.52	1.67	12-13	0.2	7	8	8	12	......	J. H. Ragan
Bluff City, 2 mi. s....	Nevada..........	284	5	51.3	......	74	25	27	14	4.23	......	......	......	T.	12	11	8	9	s.	Ark. Forestry Com.
Blytheville	Mississippi......	252	20	46.4	+ 3.0	70	22	19	11	6.25	+2.99	1.55	23	6.0	10	16	7	5	sw.	R. E. Blaylock
Booneville 3 miles w	Logan	465	31	48.5	+ 3.0	75	25	19	1†	3.05	+0.37	1.49	12-13	2.0	7	15	5	8	s.	F. H. Randolph
Boughton ....***	Clark..........	235	10	......	......	......	......	......	......	4.62	......	1.09	9	0	10	16	1	11	......	Katie B. Moore
Brinkley	Monroe	205	54	47.2	+ 3.0	73	25	22	1	3.97	−0.23	1.42	5	4.4	9	10	6	12	s.	U. S. Weather Bureau
Calico Rock	Izard	361	41	......	......	......	......	......	......	4.45	+1.78	2.60	12-13	2.5	10	12	3	13	......	William Jones
Camden.............	Ouachita........	116	60	52.2	+ 4.9	74	24†	20	7	5.49	+1.40	1.65	6-7	0	10	8	13	7	s.	J. M. Knight
Camp Chaffee.......	Sebastian.......	419	2	47.6	......	76	22†	21	1	4.94	......	1.65	5	5.5	7	15	3	10	sw.	U. S. Army
Camp Robinson.....	Pulaski..........	463	5	47.6	......	75	25	22	1	3.54	......	1.58	5	3.0	9	10	8	10	se.	U. S. Army
Clarendon...........	Monroe.........	172	41	......	......	......	......	......	......	4.36	+0.34	1.41	8-9	3.2	9	10	7	11	......	B. F. Northern
Conway.............	Faulkner........	309	62	48.6	+ 3.9	75	25	19	1	4.89	+1.10	2.51	4	4.0	10	14	6	8	sw.	G. Y. Short
Corning.............	Clay...........	293	52	46.9	+ 6.7	71	25	23	2	5.58	+2.15	2.11	5	......	9	18	1	9	s.	Mrs. Laura Polk
Cotter..............	Baxter	440	18	......	......	......	......	......	......	5.11	+2.10	2.83	12-13	5.0	6	18	3	7	......	O. B. McSpadden
Crossett 7 miles s....	Ashley	175	33	50.0	+ 2.4	75	23	22	1	6.16	+2.41	3.12	8-9	0	12	14	3	11	s.	U. S. Forest Service
Cummins Farm ..***	Lincoln	176	2	49.2	......	73	25	25	1	3.06	......	1.20	9	0	4	18	6	4	s.	T. C. Cogbill
Danville............	Yell	327	29	......	......	......	......	......	......	5.35	+2.35	1.65	13	2.0	8	11	5	12	......	J. A. Mondy
Dardanelle	Yell...........	330	59	49.5	+ 4.6	76	25	21	1	5.16	+2.00	2.04	13	1.9	7	12	6	10	s.	Geo. N. Goodier
DeQueen	Sevier..........	426	10	49.0	......	73	24†	20	1	5.71	......	1.71	3-4	0	9	16	2	10	......	L. D. M. Cowan
Des Arc.............	Prairie.........	204	7	49.3	......	75	25	23	11	4.51	......	1.35	5	9.0	8	12	1	15	s.	Z. R. Glenn
Devils Knob..... ***	Johnson	2350	9	44.2^b	......	66^b	22	19^b	14	6.55	......	2.69	12-13	5.0	7	15	4	9	sw.	U. S. Forest Service
Dumas	Desha..........	162	40	50.8	+ 2.9	75	25	26	1	5.59	+1.48	1.53	8	1.0	10	10	10	8	sw.	Ben Johnson
El Dorado...........	Union..........	270	45	48.6	− 0.7	73	25	24	1	5.73	+1.50	1.40	5-6	0	9	17	3	8	s.	Airway Observer
England............	Lonoke	229	39	......	......	......	......	......	......	......	......	......	......	......	......	......	......	....	......	O. V. Halbrook
Eureka Springs....	Carroll	1465	45	46.0	+ 4.9	70	22†	19	14	3.98	+1.30	2.32	12-13	4.0	8	18	3	7	sw.	Geo. W. Nichoalds
Fayetteville	Washington.....	1334	8	45.9	......	71	25	20	14	3.91	......	2.10	12-13	2.1	7	13	6	9	s	Charles F. Ford
Fayetteville Exp....	Washington.....	1451	58	44.8	+ 4.4	70	25	17	14	3.70	+1.27	2.09	12-13	0.9	9	12	8	8	sw.	University of Arkansas
Fordyce............	Dallas	280	5	51.4	+ 3.2	74	25	26	14	6.36	+1.90	1.68	4-5	0	11	9	8	11	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	47.4	+ 4.6	75	25	23	1	5.01	+2.45	1.80	12-13	2.0	8	14	3	11	ne.	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	8	......	......	......	......	......	......	5.37	+2.22	2.47	12-13	6.0	10	22	1	5	......	Ft. Smith Water Dept.
Fulton..............	Hempstead......	260	60	......	......	......	......	......	......	5.50	......	1.19	9-10	0	10	11	7	10	......	Ina J. Logan
Garland............	Miller	225	3	......	......	......	......	......	......	4.58	......	1.03	9-10	0	10	14	0	14	......	L. D. Denney
Georgetown, 2 mi, se	White..........	200	33	......	......	......	......	......	......	3.37	−0.34	0.88	5	8.0	11	17	0	11	......	J. S. McDonald
Gilbert	Searcy	600	20	41.1	......	74	22†	14	1†	3.85	+0.96	2.25	12-13	3.0	6	15	3	10	n.	D. O. Dennis
Glenwood	Pike	547	10	......	......	......	......	......	......	7.51	......	3.02	4-5	5.0	9	9	2	17	......	C. A. Price
Grannis	Polk............	950	26	47.6	+ 2.5	74	24	21	14	7.22	+2.98	2.20	4-5	T.	9	15	3	10	w.	W. E. McVay
Gravette............	Benton..	1250	48	45.1	+ 6.1	71	24	11	14	4.34	+2.14	2.20	13	0	5	18	1	9	sw.	J. A. Schmidt
Green Mountain..***	Stone...........	1100	8	47.6	......	72	25	22	14	5.15	......	2.60	12-13	8.0	8	15	4	9	s.	U. S. Forest Service
Harrison	Boone..........	1052	45	45.0	+ 5.5	72	22†	20	2†	3.33	+0.67	2.21	12-13	0	5	15	6	7	nw.	J. M. McGaughey
Helena	Phillips	300	73	49.2	+ 4.3	70	4†	26	11	6.19	+1.69	2.39	8-9	1.3	11	13	1	14	s.	James A. Burnett
Hope 3 miles e..... ..	Hempstead......	375	75	49.5	+ 2.2	73	24†	23	1†	5.08	+1.01	1.03	9-10	0	11	14	4	10	sw.	Univ. of Arkansas
Hot Springs.........	Garland	600	53	50.8	+ 4.0	75	18	25	14	6.41	+2.72	2.81	4-5	1.5	10	17	2	9	s.	National Park Service
Index ....***	Little River	275	28	......	......	......	......	......	......	5.65	+2.14	1.25	4-5	0	11	16	1	11	......	W. E. McDowell
Jessieville	Garland	750	19	......	......	......	......	......	......	......	......	......	......	......	......	......	......	....	......	U. S. Forest Service
Jonesboro...........	Craighead.......	345	50	46.3	+ 3.5	72	25	26	15	4.29	+0.51	1.31	5-6	4.0	13	14	4	10	sw.	Benedictine Sisters
Lead Hill...........	Boone..........	650	39	44.1	+ 5.5	73	22†	13	11	4.45	+1.34	2.35	12-13	6.0	5	18	0	10	s.	F. W. Kellogg
Little Rock	Pulaski..........	257	66	48.5	+ 3.6	74	25	26	14	3.09	−0.75	1.40	4-5	3.4	9	12	5	11	sw.	U. S. Weather Bureau
Lutherville,2 mi.e***	Johnson	775	47	46.6	+ 4.1	73	25	20	14	4.87	+1.46	2.80	13	3.0	8	19	3	6	sw.	Mrs. H. G. Lenhardt
Madison............	St. Francis	209	15	......	......	......	......	......	......	4.86	+0.35	1.50	8-9	2.0	9	9	4	15	......	J. W. Eppes
Magnolia, 2 mi. n. ..	Columbia	315	29	53.2^b	+ 2.5	75^b	5	25^b	14	5.03	+1.04	1.50	5-6	0.5	7	17	4	7	......	State Agri. School
Mammoth Spring ...	Fulton	600	41	44.2	+ 3.9	73	25	13	11	6.16	+3.45	3.07	12-13	2.5	12	17	2	9	w.	L. A. O'Neal
Marianna	Lee............	235	34	47.4	+ 1.9	71	25	25	11	5.28	+1.40	1.82	8-9	0	12	12	3	13	s.	Univ. of Arkansas
Marked Tree	Poinsett.........	229	41	44.5	+ 1.9	72	22	19	11	4.44	+0.77	1.36	5	5.1	12	13	7	8	n.	Chas. Walton
Marshall............	Searcy	1050	27	......	......	......	......	......	......	......	......	......	......	......	......	......	......	....	......	Roy Richardson
Mena...............	Polk............	1207	57	47.8	+ 3.5	77	17	21	14	6.61	+3.25	3.28	12-13	0	8	13	5	10	w.	E. W. St. John
Monticello	Drew...........	273	5	50.6	......	75	23	26	14	6.43	......	2.77	8	T.	13	12	7	9	s.	Airway Observer
Morrilton ....***	Conway.........	315	29	47.4	+ 2.7	75	17	21	1	5.08	+1.87	2.62	12-13	4.9	6	12	5	11	e.	L. A. Dicus
Mountainburg	Crawford........	712	8	......	......	......	......	......	......	5.26	......	2.40	12-13	8.0	9	18	1	9	n.	C. A. Lovell
Mountain Home .***	Baxter	800	33	46.4	+ 4.8	75	25	19	1	4.57	+2.00	2.72	12-13	0	5	17	0	11	nw.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	45.2	+ 0.3	74	25	12	1	5.91	+1.95	2.18	4-5	T.	7	17	3	8	w.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	7	......	......	......	......	......	......	5.27	......	2.00	12-13	7.0	8	15	4	9	......	H. G. Arvin
Nashville...........	Howard	350	7	49.0^a	......	73^a	24†	24^a	14	6.96	......	2.68	4-5	T.	11	18	2	8	sw.	Brice Carruth
Newport............	Jackson	231	62	48.4	+ 5.8	74	25	24	1	4.24	+0.70	1.57	5	3.0	11	13	1	14	sw.	Willis T. Moyer
Nimrod Dam........	Perry...........	475	4	46.4	......	75	25	19	1	4.30	......	1.68	12-13	......	7	15	4	9	ne.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	18	47.3	......	74	24	15	1	5.21	+1.56	1.78	4-5	2.0	9	13	4	11	sw.	U. S. Forest Service
Okay	Howard.........	288	17	51.2	+ 2.2	75	23	21	1	5.29	+1.39	1.70	4-5	T.	9	13	6	9	se.	J. T. Hargis
Osceola............	Mississippi	250	45	......	......	......	......	......	......	4.85	+0.39	1.86	4-5	5.8	10	17	5	6	......	C. E. Carter
Ozark	Franklin	396	50	47.2	+ 3.6	76	25	20	1	5.41	+2.63	2.01	12-13	......	8	10	7	11	e.	Orkney O. Milton
Paragould..........	Greene	275	22	45.2	......	67	22†	24	1†	6.29	+2.43	1.99	5-6	3.0	11	16	5	7	sw.	J. E. Garrett
Parkin, 2mi. w......	Cross	222	15	......	......	......	......	......	......	4.41	+0.26	1.45	5-6	3.5	8	13	2	13	......	Carroll King
Perryville	Perry...........	325	6	46.8	+ 4.0	73	21	15	1	5.21	+1.79	1.58	12-13	......	8	10	7	11	w.	Gordon Bennett
Pine Bluff..........	Jefferson	215	58	50.8	+ 4.2	76	25	28	1†	6.01	+1.91	1.57	8-9	3.0	11	15	5	8	sw.	Mary T. Scheu
Pine Ridge	Montgomery ...	840	21	......	......	......	......	......	......	5.72	+1.97	1.36	12-13	0.8	11	11	6	11	w.	J. R. Huddleston
Pocahontas.........	Randolph	300	52	45.2	+ 4.4	72	25	20	11	5.96	+2.67	1.95	12-13	2.5	12	12	6	10	s.	Benedictine Sisters
Portland	Ashley..........	122	39	52.0	+ 2.6	76	23	27	1	6.89	+2.61	2.02	8-9	0	8	16	3	9	s.	Mrs. Pearl Newton
Prescott............	Nevada	318	57	50.8	+ 2.9	73	25	25	1†	4.22	+0.42	0.82	9-10	T.	11	16	2	10	s.	R. P. Hamby
Rogers	Benton..........	1300	55	45.2	+ 5.5	72	22	15	14	4.02	+1.95	2.20	12-13	4.1	6	16	4	8	sw.	Howard Fowler
Russellville..........	Pope	526	33	48.0^d	+ 6.3	75^d	25	19^d	1	5.12	+1.76	2.68	12-13	3.5	8	13	6	9	w.	U. S. Forest Service
St. Charles	Arkansas........	175	12	49.4	......	72	4†	26	2†	5.39	......	1.50	8	2.0	9	17	2	9	s.	U. S. Biological Survey
St. Francis	Clay............	290	18	......	......	......	......	......	......	5.54	+1.35	2.49	12-13	......	9	16	0	12	......	Wm. S. Buckley
Searcy	White	245	35	47.8	+ 2.9	75	25	21	1	4.25	+0.75	1.75	5	3.5	10	15	3	10	sw.	Arthur D. Smith
Sheridan, 11 mi.n ***	Grant.	237	5	48.4	......	74	25	20	1	3.92	......	1.45	4-5	1.5	10	13	6	9	sw.	Ark. Forestry Com.
Siloam Springs......	Benton..........	1150	5	45.5	......	71	25	14	14	3.83	......	1.94	12-13	2.0	7	16	6	6	s.	John Brown Univ.
Story....	Montgomery	650	21	......	......	......	......	......	......	5.79	+2.38	1.89	12-13	......	9	19	0	9	s.	S. C. Story
Stuttgart	Arkansas........	214	58	49.8	+ 4.7	74	25	22	7	4.68	+0.60	1.40	8	2.0	10	18	1	9	s.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas........	198	10	47.3	......	72	25	20	2	3.67	......	1.63	9-10	2.0	10	14	7	7	......	University of Ark.

Climatological Data for February, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Subiaco	Logan	750	47	49.1	+ 5.2	75	25	20	1	3.54	+0.61	1.97	12-13	2.5	7	16	4	8	s.	New Subiaco Abbey
Texarkana	Miller	332	61	51.1	+ 2.7	74	24	26	14	4.97	+1.60	1.64	18	T.	9	13	4	11	s	U. S. Weather Bureau
Turnpike***	Pope	2240	21	44.4	......	69	22†	16	14	5.47	+2.03	2.51	12-13	3.5	9	16	3	9	sw.	U. S Forest Service
Waldron	Scott	675	26	47.1	......	74	25	17	1	3.45	−0.01	2.00	12-13	2.0	6	17	1	10	se.	William D Bivens
Warren	Bradley	206	51	51.2	+ 3.5	76	25†	27	1	6.13	+1.72	1.99	8	T.	10	15	5	8	ne.	C. N Turner
Whitecliffs	Little River	290	39	....	......	......	......	......	......	....	......	....	......	......	......	..	..	..	......	L. M. Snead
White Rock***	Franklin	2285	9	44.2	......	67	22†	18	13†	6.19	......	2.65	12-13	7.0	8	16	3	9	nw.	U. S. Forest Service
Wilson	Mississippi	237	20	47.0	+ 3.2	70	21	19	11	4.15	+0.73	1.10	8-9	4.0	8	15	2	11	sw.	D. O. Anderson
Wynne	Cross	167	37	....	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Mrs. C. A. Ford
State Means		....	..	47.6	+ 3.9	78	26	11	14	5.05	+1.51	3.28	12-13	2.6	9	14	4	10	s.	

Daily Precipitation for February, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Total
Abbott [2]	Arkansas	....	....	....	T.	....	.93	....	....	....	.35	....	....	1.80	.15	....	....	....	.20	.12	....	....	....	....	....	....	....	....	....	3.55
Alum Fork Reser.	Arkansas	....	....	.04	.80	2.00	.08	T.	.10	.48	.52	....	....	1.06	....	....	....	....	.26	....	....	....	....	....	....	....	....	....	....	5.34
Aplin [2]	Arkansas	....	....	....	.07	.80	.94	....	....	....	.92	....	....	.46	1.24	....	....	....	.02	.15	....	....	....	....	....	....	....	....	....	4.60
Arkadelphia [2]	Ouachita	....	....	....	.13	1.35	.52	....	.17	.31	1.20	....	....	.15	.35	....	....	....	.02	.46	T.	....	....	....	....	....	....	.15	....	4.81
Arkansas City [2]	Mississippi	....	....	....	.12	.09	1.40	....	.13	2.52	1.63	....	....	.04	.60	....	....	....	....	.49	....	....	....	T.	....	....	....	.49	....	7.51
Ashdown	Red	....	....	.01	.28	1.41	1.20	....	.42	.30	1.20	....	....	.12	.64	....	....	....	.06	.80	....	....	....	....	....	....	....	....	....	6.44
Augusta [2]	White	....	....	....	.05	.36	.95	....	T.	.30	1.00	T.	....	.15	.10	....	....	....	....	.17	....	....	....	.07	....	....	....	.02	....	3.17
Batesville Air'y [3]	White	....	....	.02	.24	1.92	....	....	....	.16	.43	....	.42	1.47	....	....	....	....	.41	.05	....	....	....	....	....	....	....	....	....	5.12
Batesville Livestk [2]	White	....	....	....	.22	T.	1.14	....	....	....	.50	....	....	*	1.72	....	....	....	....	.65	....	....	....	....	....	....	....	T.	....	4.23
Batesville River [2]	White	....	....	....	....	.26	2.15	....	....	....	.30	....	....	.75	1.03	....	....	....	....	.41	....	....	....	....	....	....	....	.08	....	4.98
Beaty Lake	St. Francis	....	....	T.	T.	.40	1.33	....	1.01	.65	.40	....	....	.41	....	....	....	....	T.	.17	....	....	....	.23	....	....	T.	.29	....	4.89
Beaver [2]	White	....	....	....	.03	....	.49	....	....	....	.11	....	....	2.37	.39	....	....	....	.21	.50	....	....	....	....	....	....	....	....	....	4.10
Bee Branch	Arkansas	....	....	T.	.67	1.53	....	....	....	....	.42	....	....	3.00	....	....	....	....	.46	T.	....	....	....	.27	....	....	....	....	....	6.35
Beech Grove [2]	White	....	....	....	.48	1.70	.17	....	....	.10	.28	....	....	1.12	.93	....	....	....	....	.49	....	....	....	1.98	....	....	....	.14	....	7.39
Beedeville [2]	White	....	....	....	.02	.04	1.98	....	....	.20	.98	....	....	.35	.29	....	....	....	....	.24	....	....	....	.08	.10	....	....	.08	....	4.36
Benton [2]	Saline	....	....	....	T.	1.30	.93	....	.06	.19	1.30	....	....	.34	.38	....	....	....	T.	.45	....	....	....	....	....	....	....	....	....	4.95
Bentonville [2]	Arkansas	....	....	....	....	....	.50	....	....	....	.04	....	....	2.40	.28	....	....	....	1.01	.06	....	....	....	....	....	....	....	T.	....	4.29
Bethesda [2]	White	....	....	....	.22	.16	1.07	....	....	....	.45	....	40	1.05	....	....	....	....	.45	....	....	....	....	....	....	....	T.	....	....	3.80
Big Flat [2]	White	....	....	....	.19	.06	.64	....	....	....	.41	....	....	.90	1.37	....	....	....	....	.32	....	....	....	....	....	....	.12	....	....	4.01
Big Lake Outlet [2]	St. Francis	....	....	....	.07	.51	1.61	....	.09	.09	.44	.02	....	.76	.34	....	....	....	....	.29	.03	....	....	1.24	.04	....	....	.09	....	5.62
Black Rock [2]	White	....	....	T.	.26	....	*	2.05	....	....	T.	T.	....	.85	.82	....	....	....	....	.55	....	....	....	.12	....	....	.09	....	....	4.74
Bluff City	Ouachita	....	....	*	.19	*	1.62	....	*	*	1.72	....	*	*	.08	....	....	....	*	.62	....	....	....	T.	....	....	....	....	....	4.23
Blytheville [2]	St Francis	....	....	....	.52	1.17	.52	....	.10	.34	.46	....	....	.99	....	....	....	....	....	.25	....	....	....	1.55	....	....	.35	....	....	6.25
Booneville 3 mi. w	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Booneville [2]	Arkansas	....	....	T.	.04	.53	....	....	....	.40	.35	....	T.	1.49	....	....	....	....	*	.24	....	....	....	....	....	....	....	....	....	3.05
Boughton [2]	Ouachita	....	....	....	.15	.85	.80	....	.17	.40	1.09	....	....	.20	.26	....	....	....	....	.55	....	....	....	....	....	....	....	.15	....	4.62
Bradford [2]	White	....	....	....	.02	.40	1.57	....	....	.15	.43	....	....	.36	.11	....	....	....	....	.39	....	....	....	.09	.01	....	....	.10	....	3.63
Brinkley [3]	White	....	....	.03	T.	1.42	....	....	.97	.43	.42	....	.07	.40	T.	....	....	....	.18	T.	....	....	....	....	....	....	.05	....	....	3.97
Burdette	Mississippi	....	....	....	.40	1.03	1.21	....	.11	35	.39	....	1.80	....	....	....	....	....	....	....	....	....	....	1.52	....	....	....	.30	....	7.11
Calico Rock [2]	White	....	....	....	.10	.15	.64	....	....	....	.30	....	....	1.20	1.40	....	....	....	....	.50	....	....	....	....	.01	....	....	.15	....	4.45
Camden [2]	Ouachita	....	....	....	.35	.05	....	1.65	.06	1.31	1.05	....	....	.02	.27	....	....	....	.03	.62	....	....	....	....	....	....	....	....	....	5.49
Camp Chaffee [2]	Arkansas	....	....	T.	.12	T.	1.65	....	....	....	1.00	....	....	1.32	.03	....	....	....	.40	.42	....	....	....	....	....	....	....	T.	....	4.94
Camp Robinson [1]	Arkansas	....	....	.03	.25	1.58	....	....	.21	.45	.30	....	.19	.14	....	....	....	....	.39	....	....	....	....	....	....	....	T.	....	....	3.54
Carlisle [2]	Arkansas	....	....	....	....	.66	.85	....	.06	.65	....	.48	....	....	....	....	....	....	....	.32	....	....	....	....	....	....	....	....	....	3.02
Clarendon [2]	White	....	....	....	.07	.24	1.21	....	.02	1.41	.90	....	....	.09	.23	....	....	....	....	.19	....	....	....	....	....	....	....	....	....	4.36
Cold Springs [2]	Ouachita	....	....	....	.22	.33	.63	....	....	T.	1.15	....	....	2.35	.25	....	....	....	.10	.25	....	....	....	....	....	....	T.	....	....	5.28
Conway	Arkansas	....	....	.10	1.60	.91	....	....	.07	.45	.45	....	....	.77	....	....	....	....	.24	.16	....	....	....	....	....	....	.14	....	....	4.89
Corning [2]	White	....	....	....	....	.48	1.63	....	....	.04	....	....	....	.99	.54	.47	....	....	....	.52	....	....	....	.77	....	....	....	.14	....	5.58
Cotter [2]	White	....	....	....	T.	....	1.03	....	....	....	.51	....	....	1.67	1.16	....	....	....	....	.63	....	....	....	....	....	....	....	.11	....	5.11
Crossett	Ouachita	....	....	.16	T.	.12	1.10	....	.13	3.12	.15	....	.12	.21	....	....	....	....	.62	....	....	....	....	.03	....	.20	....	.20	....	6.16
Crystal Valley [2]	Arkansas	....	....	....	....	....	....	....	....	.50	.60	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	....	....	....
Cummins Farm	Arkansas	....	....	....	....	....	....	....	1.11	1.20	....	....	....	....	....	....	....	....	.35	....	....	....	....	....	....	....	....	.40	....	3.06
Danville [2]	Arkansas	....	....	....	.28	.41	.71	....	....	....	.67	....	....	1.28	1.65	....	....	....	.02	.33	....	....	....	....	....	....	....	....	....	5.35
Dardanelle [2]	Arkansas	....	....	....	.58	.39	.40	....	....	....	.95	....	....	1.24	2.04	....	....	....	T.	.26	....	....	....	....	....	....	....	....	....	5.86
De Queen	Red	....	....	.31	1.71	1.58	....	....	.19	1.10	.13	....	.12	.11	....	....	....	....	.46	....	....	....	T.	....	....	....	....	....	....	5.71
Dermott [2]	Mississippi	....	....	....	.15	.05	1.20	....	.05	2.28	1.60	....	....	*	.36	....	....	....	....	.45	....	....	....	....	....	....	....	1.04	....	7.18
Des Arc [2]	White	....	....	....	T.	.49	1.35	....	....	.46	1.25	....	....	.21	.19	....	....	....	....	.23	....	....	....	....	....	....	....	.33	....	4.51
Devils Knob	Arkansas	....	....	.04	.78	1.85	....	....	....	.40	T.	....	T.	2.69	T.	....	....	....	.76	....	....	....	....	....	....	....	.03	....	....	6.55
Dumas	Mississippi	....	....	.04	.04	.25	1.35	....	1.53	1.28	.62	....	T.	.16	....	....	....	....	*	.32	....	....	....	....	....	....	....	....	....	5.59
Eagle Gap [2]	Arkansas	....	....	....	.40	.94	.73	....	....	T.	1 20	....	....	2.90	.25	....	....	....	.12	.20	....	....	....	....	....	....	....	T.	....	6.74
El Dorado	Ouachita	....	....	.20	....	.20	1.40	....	1.35	1.15	.52	....	....	.28	....	....	....	....	.52	....	....	....	....	....	....	....	....	.11	....	5.73
Eleven Point [2]	White	....	....	....	T.	.53	1.38	....	....	T.	.07	....	....	1.23	1.12	....	....	....	....	.61	....	....	....	.50	.32	....	....	.21	....	5.97
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	White	....	....	....	.03	.63	....	....	....	....	.20	....	....	2.32	.05	....	....	....	.55	.18	....	....	....	....	....	....	.02	....	....	3.98
Evening Shade [2]	White	....	....	T.	....	.37	.90	....	....	....	.27	T.	....	.90	1.20	....	....	....	....	.50	....	....	....	T.	....	....	T.	....	....	4.14
Fayetteville	White	....	....	T.	T.	.90	....	....	T.	T.	.13	....	.11	2.10	T.	....	....	....	.57	.09	....	....	....	....	....	....	.01	....	....	3.91
Fayetteville Exp. S	White	....	....	.01	.01	.88	....	....	T.	T.	.04	....	T.	2.07	.02	....	....	....	.56	.10	....	....	....	....	....	....	.01	....	....	3.70
Fordyce	Arkansas	....	....	.04	.04	1.68	.71	....	1.17	.87	.47	....	....	.76	....	....	....	....	.46	.06	....	....	....	....	....	....	....	.10	....	6.36
Forester [2]	Arkansas	....	....	....	....	*	1.60	....	....	....	.90	....	....	1.50	.55	....	....	....	*	.30	....	....	....	....	....	....	....	....	....	4.85
Fort Smith [1]	Arkansas	....	....	.01	.14	1.35	....	....	....	.73	.07	....	.77	1.03	....	....	....	....	.91	....	....	....	....	....	....	....	T.	....	....	5.01
Fort Smith W. [2]	Arkansas	....	....	....	.30	.08	1.10	....	....	....	.43	.10	....	2.23	.24	....	....	....	*	.85	....	....	....	....	....	....	....	.04	....	5.37
Fulton [2]	Red	....	....	T.	.33	.93	90	....	.13	.38	1.19	....	....	.12	.59	....	....	....	.05	.88	....	....	....	....	....	....	....	....	....	5.50
Garland [2]	Red	....	....	....	20	.24	.79	....	.10	.64	1 03	....	....	.19	.50	....	....	....	.11	.78	....	....	....	....	....	....	....	....	....	4.58
Georgetown [2]	White	....	....	....	.13	.62	.88	....	.02	.58	.86	....	....	.23	.15	....	....	....	....	.23	....	....	....	.16	....	....	....	.09	....	3.37
Gilbert [2]	White	....	....	....	.10	....	.90	....	....	....	.25	....	....	2.25	T.	....	....	....	....	.20	....	....	....	....	....	..	....	.15	....	3.85
Glenwood [2]	Ouachita	....	....	....	.26	3.02	1.06	....	.17	.11	.94	....	....	.55	.92	....	....	....	....	.48	....	....	....	....	....	....	....	....	....	7.51
Grannis	Red	....	....	....	.68	2.20	.96	....	....	.09	.95	....	....	1.21	.57	....	....	....	....	.54	....	....	....	.02	....	....	....	....	....	7.22
Gravelly [2]	Arkansas	....	....	....	.10	.65	.78	....	....	T.	.98	....	....	.84	1.86	....	....	....	T.	.21	....	....	....	....	....	....	....	....	....	5.42
Gravette	Arkansas	....	....	....	.02	.80	....	....	....	....	....	....	....	2.20	.21	....	....	....	....	1.11	....	....	....	....	....	....	....	....	....	4.34
Green Forest	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Green Mountain	White	....	....	....	.70	.75	....	....	....	.10	.50	....	....	2.60	....	....	....	....	.20	.20	....	....	....	T.	....	....	.10	....	....	5.15
Greenwood [2]	Arkansas	....	....	.08	T.	....	.80	....	....	.08	.96	....	....	1.46	.14	....	....	.14	.30	....	....	....	....	....	....	....	....	....	....	3.96
Harrison	White	....	....	....	....	.54	....	....	....	....	.15	....	....	2.21	....	....	....	....	.32	....	....	....	....	....	....	....	.11	....	....	3.33
Helena [2]	Mississippi	....	....	....	.04	.01	1.54	....	.05	2.39	1.16	.02	....	.21	.11	....	....	....	....	.14	....	....	....	T.	....	....	....	.52	....	6.19
Henderson [2]	White	....	....	....	.10	T.	1.45	....	....	....	.26	....	....	1 30	1.15	....	....	....	....	.45	....	....	....	....	....	....	....	....	....	4.71
Hope [2]	Red	....	....	....	.34	.70	.88	....	.20	.53	1.03	....	.03	.15	.51	....	....	....	.03	.68	....	....	....	....	....	....	....	....	....	5.08
Hot Springs	Ouachita	....	....	.08	.89	2.81	.07	....	.27	.72	.30	....	....	.89	....	....	....	....	.25	.13	....	....	....	....	....	....	....	....	....	6.41
Huttig [2]	Ouachita	....	....	....	.18	.12	1.14	....	.05	1.50	1.88	....	....	.02	.23	....	....	....	.03	.68	....	....	....	T.	....	....	....	.30	....	6.13
Index [2]	Red	....	....	.10	.15	1.25	.90	....	.25	.40	.40	....	....	.30	.80	....	....	....	.50	.60	....	....	....	....	....	....	....	....	....	5.65
Jessieville	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Jonesboro [2]	White	....	....	....	.04	.41	1.31	....	.01	.16	.15	.17	....	.45	.30	....	....	....	....	.48	T.	....	....	.37	.06	....	....	.38	....	4.29
Lake City [2]	St. Francis	....	....	....	....	.98	....	....	.64	....	....	....	....	....	....	....	....	....	....	.24	....	....	.22	....	....	....	....	.10	....	2.18

Daily Precipitation for February, 1946 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				Total
Lead Hill	White	....	....	....	T.	.68	....	....	....	....	.60	....	T.	2.35	....	....	....	....	.55	.27	....	....	....	T.	....	....	T.	....	....				4.45
Little Rock[1]	Arkansas	....	....	.04	.21	1.19	....	....	.23	.42	.48	....	.13	.11	T.	....	....	....	.28	....	....	....	....	T.	....	....	T.	....	....				3.09
Lock & Dam No. 3	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				....
Lurton[2]	White	....	....	....	.78	.14	1.54	....	....	....	.62	....	T.	1.55	1.06	....	....	....	.02	.48	....	....	....	.10	....	....	.02	....	....				6.31
Lutherville	Arkansas	....	....	.09	.30	.60	....	....	....	.30	.20	....	....	2.80	....	....	....	....	.50	....	....	....	....	.08	....	....	....	....	....				4.87
Madison[2]	St. Francis	....	....	....	T.	....	1.28	....	.05	1.50	1.00	T.	....	.21	.12	....	....	....	....	.32	....	....	....	.25	T.	....	....	.13	....				5.03
Magnolia	Red	....	....	.13	....	*	1.50	....	.90	1.11	.22	....	....	.40	....	....	....	....	.77	....	....	....	....	....	....	....	....	....	....				6.16
Mammoth Spg[2]	White	....	....	.04	.20	....	1.02	....	....	*	.30	....	....	1.40	1.67	....	....	....	....	.53	.04	....	....	.45	.43	....	....	.08	....				5.28
Marianna[2]	St. Francis	....	....	....	.05	*	1.72	....	.12	1.82	.56	.16	....	.35	.30	....	....	....	....	.15	....	....	.02	T.	....	....	....	.03	....				4.44
Marked Tree[2]	St. Francis	....	....	....	.05	.20	1.36	....	....	.38	.98	.03	....	.45	.48	....	....	....	....	.25	....	....	....	.07	.10	....	....	.09	....				....
Marshall[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				6.28
Marvell[2]	White	....	....	....	.94	.24	1.16	....	....	2.25	.90	....	....	.20	.10	....	....	....	....	.15	....	....	....	....	....	....	....	.34	....				5.02
Melbourne[2]	White	....	....	....	.05	.33	.57	....	....	....	.47	....	....	1.13	1.92	....	....	....	....	.43	....	....	....	....	.03	....	....	.09	....				6.61
Mena[2]	Ouachita	....	....	....	.21	.91	.87	....	T.	T.	.88	....	....	2.34	1.16	....	....	....	.06	.18	....	....	....	T.	....	....	....	T.	....				6.43
Monticello[1]	Ouachita	....	....	.13	.03	1.44	.01	....	2.77	1.00	.14	....	.01	.17	....	....	....	....	.46	.01	....	....	....	.01	....	....	.25	....	....				5.76
Morobay[2]	Ouachita	....	....	....	.15	.13	1.39	....	.10	1.68	1.29	....	....	.02	.22	....	....	....	.03	.67	....	....	....	T.	....	....	....	.08	....				5.08
Morrilton[2]	Arkansas	....	....	....	T.	.52	1.10	....	....	T.	.55	....	....	.52	2.10	....	....	....	T.	.29	....	....	....	....	....	....	....	T.	....				5.26
Mountainburg	Arkansas	....	....	T.	.29	1.15	....	....	....	.12	.36	....	.10	2.30	....	....	....	....	.78	.14	....	....	....	T.	....	....	.02	....	....				4.57
Mountain Home	White	....	....	....	T.	1.10	....	....	....	....	.20	....	....	2.72	....	....	....	....	.15	.40	....	....	....	....	....	....	T.	....	....				5.42
Mountain View[2]	White	....	....	....	.12	.15	.67	....	....	.24	.87	....	....	1.21	1.80	....	....	....	....	.36	....	....	....	....	T.	....	....	....	....				5.91
Mount Ida	Ouachita	....	....	.05	.55	2.18	....	....	....	.92	.20	....	....	1.66	....	....	....	....	.35	....	....	....	....	....	....	....	....	....	....				5.27
Mulberry[2]	Arkansas	....	....	....	.27	.08	1.45	....	....	....	.86	....	....	1.75	.25	....	....	....	.18	.43	....	....	....	....	....	....	....	T.	....				6.96
Nashville	Red	....	....	.19	.76	2.68	....	....	.31	1.34	.15	....	.15	.80	....	....	....	....	.59	.01	....	....	T.	.03	....	....	T.	....	....				....
Newhope[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				4.24
Newport[2]	White	....	....	....	.05	.30	1.57	....	....	.06	.48	.15	....	.78	.15	....	....	....	....	.45	....	....	....	....	.05	....	....	.20	....				4.30
Nimrod Dam[2]	Arkansas	....	....	....	.25	.55	.80	....	....	....	.90	....	....	1.10	.58	....	....	....	T.	.12	....	....	....	....	....	....	....	....	....				8.70
Oark[2]	Arkansas	....	....	....	.75	.15	2.15	....	....	....	2.05	....	....	2.90	.10	....	....	....	T.	.55	....	....	....	.05	....	....	....	....	....				4.84
Odell[2]	Arkansas	....	....	....	.11	.09	1.41	....	....	....	.01	....	....	2.10	.05	....	....	....	.44	.63	....	....	....	....	....	....	....	T.	....				5.21
Oden	Ouachita	....	....	.02	.32	1.78	....	....	.02	.75	[illegible]	T.	....	1.74	....	....	....	....	.25	.03	T.	....	....	....	....	....	....	....	....				5.29
Okay	Red	....	....	.20	.05	1.70	.36	....	.47	....	1.04	....	....	.73	....	....	....	....	.68	.06	....	....	....	....	....	....	....	....	....				4.85
Osceola[2]	Mississippi	....	....	.06	.23	1.86	....	T.	.18	.56	....	....	.52	.18	....	....	....	....	.17	....	....	....	....	.86	....	....	.23	....	....				5.41
Ozark[2]	Arkansas	....	....	....	.53	.05	1.60	....	....	....	.69	....	....	1.63	.38	....	....	....	.09	.44	....	....	....	....	....	....	....	....	....				6.29
Paragould	St. Francis	....	....	....	.38	.80	1.19	....	.03	.11	.19	T.	....	1.31	....	....	....	....	....	.48	....	....	....	1.52	....	....	.24	.04	....				4.41
Parkin[2]	St. Francis	....	....	....	.13	T.	1.45	....	....	.88	.92	T.	....	.31	.30	....	....	....	....	.27	....	....	....	....	....	....	....	.15	....				5.21
Perryville[2]	Arkansas	....	....	....	.40	1.24	1.02	....	....	.01	.71	....	....	.54	1.04	....	....	....	T.	.25	....	....	....	....	....	....	....	....	....				6.01
Pine Bluff[2]	Arkansas	....	....	....	.06	.34	1.52	....	.03	1.57	.78	....	....	.03	.90	....	....	....	T.	.37	....	....	....	.02	....	....	....	.39	....				5.72
Pine Ridge[2]	Ouachita	....	....	....	.15	.98	1.35	....	07	.73	.19	....	....	1.36	.58	....	....	....	.09	.18	....	....	....	....	....	....	....	.04	....				5.96
Pocahontas	White	....	....	....	T.	.43	1.86	....	.01	.02	.08	....	....	1.04	.91	....	....	....	....	.50	.02	....	....	.74	.23	....	....	.12	....				6.89
Portland[2]	Ouachita	....	....	....	.10	.07	1.36	....	....	2.02	1.69	....	....	....	....	....	....	....	....	.86	....	....	....	.20	....	....	....	.59	....				4.22
Prescott[2]	Ouachita	....	....	....	.21	.51	.72	....	.16	.62	.82	....	....	.17	.25	....	....	....	.08	.55	....	....	....	.13	....	....	....	T.	....				....
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				5.60
Red Star	White	....	....	....	.30	.14	1.15	....	....	....	.80	....	....	2.22	.47	....	....	....	.10	.32	....	....	....	....	....	....	....	.10	....				4.02
Rogers	White	....	....	T.	T.	.60	....	....	....	T.	.12	....	T.	2.20	....	....	....	....	1.02	.04	....	....	....	....	....	....	.04	....	....				3.80
Rosebud	Arkansas	....	....	T.	.11	1.50	....	....	T.	....	.25	....	.68	.60	....	....	....	....	.28	....	....	....	.38	....	....	....	T.	....	....				5.12
Russellville	Arkansas	....	....	.09	.44	.69	....	....	....	.46	.37	....	....	2.68	....	....	....	....	.25	.14	....	....	....	....	....	....	....	....	....				5.39
St. Charles	White	....	....	T.	.01	.38	1.45	....	1.50	1.10	.59	....	....	.12	....	....	....	....	.17	....	....	....	....	....	....	....	....	.07	....				5.54
St. Francis[2]	St. Francis	....	....	....	T.	.25	1.52	....	....	....	.10	....	....	1.07	1.42	....	....	....	....	.35	....	....	....	.46	.18	....	....	.19	....				4.25
Searcy[2]	White	....	....	....	.10	.46	1.75	....	....	.24	.62	....	....	.34	.11	....	....	....	....	.33	....	....	....	.23	....	....	....	.07	....				3.92
Sheridan	Ouachita	....	....	.06	.11	1.45	.04	....	.19	.62	.60	....	T.	.24	....	....	....	....	.54	.07	....	....	....	....	....	....	T.	....	....				5.50
Shirley[2]	White	....	....	....	T.	.91	.70	....	....	T.	.40	....	....	1.40	1.58	....	....	....	....	.51	....	....	....	....	....	....	....	....	....				3.83
Siloam Springs	White	....	....	T.	.01	.24	....	....	....	T.	T.	....	.26	1.94	.03	....	....	....	1.24	.11	....	....	....	....	....	....	T.	....	....				....
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				4.12
Stamps	Red	....	....	.18	T.	.72	.57	....	.79	.47	.31	....	.01	.37	....	....	....	....	.67	.01	....	....	T.	.02	....	....	T.	....	....				4.63
Stephens[2]	Ouachita	....	....	....	.30	.11	1.05	....	.90	.79	.40	....	....	*	.40	....	....	....	....	.68	....	....	....	....	....	....	....	....	....				6.21
Steve[2]	Arkansas	....	....	....	....	1.43	.93	....	....	....	1.30	....	....	1.40	.90	....	....	....	....	.25	....	....	....	....	....	....	....	....	....				5.79
Story[2]	Ouachita	....	....	T.	.19	1.37	1.22	....	....	*	.90	....	....	.93	.96	....	....	....	*	.22	....	....	....	....	....	....	....	....	....				4.68
Stuttgart[2]	Arkansas	....	....	....	.05	.40	1.06	....	*	1.40	1.02	....	....	.30	.10	....	....	....	....	.30	....	....	....	....	.05	....	....	....	....				3.67
Stuttgart Evap	Arkansas	....	....	....	.07	.29	.95	....	....	.03	1.63	....	....	.20	.14	....	....	....	....	.29	....	....	....	....	.04	....	....	.03	....				3.54
Subiaco[2]	Arkansas	....	T.	....	.07	....	.62	....	....	....	.50	....	....	1.63	.34	....	....	....	.07	.31	....	....	....	....	....	....	....	....	....				4.18
Sugar Grove[2]	Arkansas	....	....	....	.30	....	.55	....	....	....	1.00	....	....	1.48	.68	....	....	....	....	.17	....	....	....	....	....	....	....	....	....				5.23
Sugar Loaf Mt.[2]	White	....	....	....	*	*	2.64	....	....	.01	.16	....	....	*	1.85	....	....	....	....	.45	....	....	....	.09	....	....	....	.03	....				4.97
Texarkana[3]	Red	....	....	.23	.08	.87	....	....	.33	1.45	.01	....	.05	.31	....	....	T.	T.	1.64	....	....	....	T.	....	....	....	T.	....	....				6.04
Tichnor[2]	White	....	....	....	....	....	2.05	....	....	2.03	.99	....	....	....	.23	....	....	....	....	.29	....	....	....	....	....	....	....	.45	....				5.47
Turnpike	Arkansas	....	....	.02	.98	.70	....	....	T.	.11	.27	....	....	2.51	T.	....	....	....	.51	.17	....	....	....	.20	....	....	T.	....	....				4.93
Viola[2]	White	....	....	....	.19	.07	1.19	....	....	....	.31	....	....	1.30	1.26	....	....	....	....	.51	....	....	....	....	T.	....	.10	....	....				3.45
Waldron[2]	Arkansas	....	....	....	....	.30	.40	....	....	....	.65	....	....	1.65	.35	....	....	....	....	.10	....	....	....	....	....	....	....	....	....				5.81
Walnut Grove	White	....	....	T.	.49	2.30	.24	....	....	.06	.45	....	....	1.80	T.	....	....	....	T.	.47	....	....	....	T.	....	....	....	....	....				6.13
Warren	Ouachita	....	....	.08	T.	.73	.66	....	1.99	1.21	.30	....	T.	.20	....	....	....	....	.54	.05	....	....	....	T.	....	....	T.	.37	....				....
Whitecliffs[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				6.19
White Rock	Arkansas	....	....	T.	.25	1.75	....	....	T.	.08	.53	....	....	2.65	T.	....	....	....	.59	.24	....	....	....	T.	....	....	.10	....	....				4.15
Wilson[2]	Mississippi	....	....	....	.19	*	1.50	....	....	1.10	*	.25	....	.65	....	....	....	....	....	....	....	....	....	.46	....	....	....	....	....				....
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for February, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				......
	Mean tem.	40	46	44	50	55	42	46	44	37	36	36	45	49	39	39	49	49	48	46	43	47	54	48	52	54	55	40	45				45.6
	Wind move	79	119	94	121	173	189	105	112	103	156	32	62	115	212	222	24	110	53	87	121	99	67	96	102	81	287	135	97				3.253
Hope Exp. Farm	Evap.	*	*	.356	.013	.081	.135	*	.235	.007	*	*	.274	.019	*	*	.384	.118	.135	.026	.102	.135	.139	.128	.108	.108	.244	.146	.137				3.004
	Mean tem.	40	44	42	55	62	44	46	41	48	41	43	48	55	40	46	52	56	47	40	48	51	54	60	55	57	58	48	49				49.5
	Wind move	24	28	12	41	26	62	37	26	52	95	16	18	67	128	82	31	19	35	27	44	26	44	56	52	22	91	85	31				1,277
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				......
	Mean tem.	39	42	41	49	61	42	44	41	40	39	41	44	45	38	45	47	51	44	49	44	47	52	45	53	55	53	46	46				46.4
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....				......
Russellville	Evap.	.050	.056	.036	.008	.042	.068	.106	.090	.028	.069	.069	.082	....	.084	.070	.096	.070	.076	.076	.066	*	*	*	*	.564	.100	.134	.098				2.138
	Mean tem.	39	43	55	53	58	43	45	55	42	39	40	44	46	39	46	47	52	54	52	44	....	....	....	....	59	65	45	46				48.0
	Wind move	12	11	10	10	32	43	40	19	29	19	18	38	65	78	22	20	11	35	42	9	*	*	*	*	107	88	38	17				763
Stuttgart Rice Exp. Farm	Evap.	*	*	.193	.040	.066	.036	.087	.080	....	*	*	.719	.062	*	*	.244	.088	.095	.021	.054	.086	.123	.099	.020	.099	.097	.178	.092				2,581
	Mean Tem.	35	39	39	57	57	42	46	48	43	36	40	45	53	40	43	50	51	48	50	46	46	52	55	50	58	55	47	45				47.3
	Wind move	35	45	50	70	130	140	90	60	80	75	75	30	120	265	35	50	40	60	70	55	15	90	75	10	25	200	110	20				2,120

Daily Temperatures for February, 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				Mean
Alum Fork	Maximum	56	60	58	58	58	53	61	57	55	49	55	54	61	53	60	64	65	47	54	60	63	59	61	69	72	65	57	64				58.9
	Minimum	20	25	31	45	50	32	27	44	30	29	25	30	33	24	28	30	35	43	41	30	29	36	45	34	34	53	34	27				33.7
Arkadelphia	Maximum	60	66	54	62	67	60	67	52	45	49	60	60	64	57	65	68	72	59	60	63	67	65	72	75	76	69	62	69				63.0
	Minimum	21	22	26	39	54	34	29	30	43	30	27	29	37	25	26	31	36	43	41	30	31	32	48	38	37	38	36	29				33.6
Ashdown	Maximum	61	65	58	61	70	56	64	54	49	52	57	66	65	55	55	60	73	50	60	62	61	69	65	75	72	73	64	68				56.1
	Minimum	21	22	27	44	54	33	30	30	37	31	20	30	46	24	26	31	39	41	40	29	33	34	48	34	39	48	34	29				34.1
Batesville Air	Maximum	57	59	50	62	63	54	60	52	48	47	54	54	62	54	54	65	62	51	54	57	62	71	64	63	74	64	55	64				58.4
	Minimum	23	23	27	46	42	29	28	46	32	24	20	30	29	26	27	35	37	40	39	30	31	40	41	35	33	42	30	26				32.5
Batesville, Livestk/	Maximum	56	69	60	62	64	54	62	50	40	46	51	60	62	50	55	60	64	50	54	57	61	70	56	65	73	65	54	65				58.4
	Minimum	24	24	29	38	51	29	29	39	35	27	22	30	36	25	24	31	35	37	41	31	32	38	48	40	36	45	27	25				33.1
Bee Branch	Maximum	53	59	56	56	61	52	57	59	47	47	50	52	59	47	56	62	65	48	51	58	60	68	66	65	70	70	54	64				57.6
	Minimum	17	21	27	44	52	29	24	44	30	27	18	29	34	23	25	28	34	41	39	27	27	34	45	33	32	50	32	24				31.8
Benton /	Maximum	58	63	54	61	65	56	64	51	42	48	56	60	63	56	62	65	68	49	58	60	65	67	70	71	75	78	59	67				61.1
	Minimum	14	22	20	28	44	29	23	23	40	28	22	22	28	22	22	24	26	35	39	26	25	25	28	29	29	33	32	23				27.2
Bentonville /	Maximum	55	61	56	62	64	61	60	59	39	49	58	55	36	48	62	62	65	44	54	55	64	72	59	63	71	56	54	65				57.5
	Minimum	16	24	25	42	54	26	29	34	25	27	24	25	33	14	15	27	34	38	35	28	28	35	37	31	32	46	26	27				29.9
Bethesda /	Maximum	56	69	60	63	63	54	62	50	40	45	51	60	62	54	56	60	64	50	53	57	61	70	53	65	73	65	54	65				58.0
	Minimum	24	24	29	38	48	30	30	39	35	27	21	30	36	25	23	39	35	37	40	29	33	38	48	40	36	45	27	25				33.2
Bluff City	Maximum	67	65	60	71	61	58	65	61	54	48	57	60	62	52	64	65	68	66	57	60	65	68	71	71	74	72	71	66				63.5
	Minimum	28	31	40	49	43	35	33	47	33	32	30	38	36	27	33	41	45	45	42	34	35	50	52	38	47	58	39	35				39.1
Blytheville	Maximum	56	59	55	60	62	59	60	58	48	42	53	56	54	50	47	62	53	58	57	56	60	70	60	60	69	65	55	60				57.3
	Minimum	27	27	35	46	57	36	30	44	33	28	19	31	42	30	26	35	38	39	45	33	30	41	40	34	38	48	34	30				35.6
Booneville	Maximum	61	65	59	65	67	54	66	62	55	46	58	57	64	54	68	65	67	59	56	60	67	72	62	74	75	68	60	69				62.7
	Miuimum	19	21	35	48	51	28	24	52	32	28	26	39	29	19	27	28	34	44	40	27	35	43	50	31	36	56	31	27				34.3
Brinkley	Maximum	55	59	57	70	64	55	61	53	50	46	52	57	65	53	54	64	66	56	57	56	62	69	66	65	73	68	57	64				59.8
	Minimum	22	24	29	46	51	35	29	46	33	27	24	35	33	29	32	36	38	45	38	30	32	42	37	35	37	48	33	26				34.7
Camden	Maximum	59	66	64	72	70	66	67	60	54	61	58	58	68	54	64	65	70	69	59	63	65	70	73	74	74	74	70	69				65.6
	Minimum	32	26	32	47	60	33	20	47	37	32	34	33	39	37	34	39	43	45	43	39	36	45	52	48	49	39	39	29				38.9
Camp Robinson	Maximum	57	63	56	62	65	55	64	60	52	45	52	54	64	54	56	64	67	53	57	59	65	71	67	67	75	67	61	66				60.6
	Minimum	22	25	33	46	43	34	29	46	32	25	24	34	31	27	28	34	36	46	38	30	33	41	40	40	43	49	34	29				34.7
Conway	Maximum	59	64	54	58	68	56	64	56	50	47	57	54	63	55	61	67	68	57	68	60	65	74	68	71	75	69	61	67				62.0
	Minimum	19	24	37	47	53	30	27	43	33	31	25	32	34	24	27	34	35	45	41	29	31	42	47	35	38	59	32	28				35.1
Corning	Maximum	56	57	53	57	63	60	62	55	59	47	55	55	68	52	48	63	59	53	54	59	61	70	67	62	71	67	54	62				58.9
	Minimum	24	23	29	47	53	33	28	46	36	27	24	32	45	28	24	37	40	37	42	30	33	40	42	34	37	48	30	27				34.9
Crossett	Maximum	57	66	50	70	70	69	63	65	65	45	53	58	67	51	63	65	70	62	58	62	65	72	75	71	73	70	67	65				63.8
	Minimum	22	25	30	43	60	34	27	44	38	33	26	30	41	26	28	35	36	45	45	32	27	37	51	34	37	56	43	27				36.1
Cummins Farm	Maximum	61	55	54	72	68	67	62	55	52	52	54	55	65	53	58	66	68	56	57	55	64	69	70	65	73	72	65	62				61,6
	Minimum	25	36	34	43	38	34	30	46	34	28	32	33	43	28	31	37	39	48	44	31	32	45	53	37	40	42	39	30				36.9
Dardanelle	Maximum	60	65	60	60	66	55	64	64	54	50	56	53	61	54	65	66	66	65	58	60	65	74	72	72	76	72	61	68				62.9
	Minimum	21	24	38	46	52	32	26	51	32	29	27	36	32	24	29	32	36	45	41	31	32	44	49	36	37	59	38	31				36.1
De Queen	Maximum	59	63	60	61	67	57	64	58	53	50	57	57	64	57	64	62	67	60	57	60	60	65	65	73	73	70	63	66				61.9
	Minimum	20	27	40	48	48	30	27	47	34	32	30	42	33	23	26	30	38	46	45	32	34	44	45	32	33	59	35	28				36.0
Des Arc	Maximum	57	61	60	70	68	64	62	57	50	47	52	55	65	53	55	65	65	63	57	57	62	71	68	65	75	72	68	64				61.7
	Miuimum	25	25	34	45	56	32	30	45	31	28	23	35	48	26	32	34	40	44	44	32	34	44	49	36	41	55	36	29				36.9
Devils Knob	Maximum	49	53	49	54	57	45	52	51	46	41	49	45	55	45	54	56	61	..	53	56	..	66	60	62	65	60	51	58				53.6
	Minimum	29	34	38	38	45	27	34	45	24	22	30	33	20	19	31	39	44	..	33	35	..	55	45	39	44	46	28	35				34.7
Dumas	Maximum	66	52	54	73	66	68	64	55	59	42	55	59	68	54	60	66	69	58	58	58	65	70	72	70	75	70	66	70				62.9
	Minimum	26	32	34	48	57	35	35	46	34	33	27	33	42	28	32	41	38	47	45	33	30	44	53	40	38	50	40	40				38.6
El Dorado	Maximum	57	64	50	72	68	57	63	56	43	48	56	60	48	53	63	64	68	50	58	59	65	69	71	71	73	71	58	67				60.8
	Minimum	24	32	33	47	52	35	30	39	36	32	28	35	28	27	29	34	41	43	44	37	30	42	53	39	38	37	41	30				36.3
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
Eureka Springs	Maximum	52	59	53	61	62	47	62	51	46	44	54	53	48	48	60	60	62	55	51	55	62	70	66	61	70	66	52	63				56.9
	Minimum	32	30	40	47	44	28	35	46	26	22	26	37	21	19	25	41	40	38	34	30	39	45	45	38	45	47	27	36				35.1
Fayetteville	Maximum	55	59	52	60	61	50	58	57	44	46	57	54	54	50	60	60	66	55	52	58	63	70	61	67	71	63	53	65				57.9
	Minimum	30	21	42	48	40	29	35	43	29	22	22	40	22	20	27	38	32	43	36	27	40	37	40	36	44	46	28	32				33.9
Fayetteville Exp. S	Maximum	55	59	56	61	61	48	57	56	55	56	56	54	52	46	55	61	65	51	48	56	62	69	66	65	70	66	51	64				57.9
	Minimum	29	21	36	45	48	26	31	45	27	18	20	38	20	17	25	29	29	41	34	24	38	36	38	31	39	46	25	31				31.7
Fordyce	Maximum	58	63	55	71	67	62	63	55	52	47	56	57	66	54	63	66	71	63	59	62	66	68	67	73	74	69	68	69				63.0
	Minimum	30	32	41	48	59	32	35	46	35	32	31	39	37	26	33	42	45	46	44	34	38	48	41	37	45	58	48	35				39.9
Fort Smith	Maximum	57	65	51	64	66	53	65	59	44	45	57	57	56	53	64	63	66	54	55	58	66	72	61	70	75	64	58	69				60.2
	Minimum	23	24	37	48	41	31	28	44	32	23	28	36	27	25	28	33	38	45	40	30	36	43	40	35	41	44	32	33				34.5
Gilbert /	Maximum	59	62	53	64	64	52	63	60	45	41	55	58	52	54	61	65	66	47	47	59	62	74	60	65	74	60	51	65				58.5
	Miuimum	14	14	14	27	50	22	18	18	34	27	15	15	27	20	20	21	24	29	39	23	23	26	27	25	25	26	22	19				23.7
Grannis	Maximum	57	62	53	60	63	56	55	63	53	50	59	55	62	55	67	60	69	63	53	62	63	58	63	74	72	69	55	65				60.5
	Minimum	24	30	38	45	47	29	29	40	32	27	28	30	29	21	28	32	32	43	39	33	33	45	48	32	40	54	35	31				34.8
Gravette	Maximum	52	60	53	62	63	49	59	58	40	48	58	54	51	47	60	60	64	56	53	57	63	70	65	71	68	55	51	69				57.7
	Minimum	27	21	38	48	46	27	30	39	25	21	24	38	20	11	26	37	37	40	35	24	38	37	30	44	45	45	24	34				32.5
Green Mountain	Maximum	56	58	57	59	64	59	59	64	47	45	54	64	59	53	55	62	61	56	59	54	60	69	65	61	72	70	52	63				59.2
	Minimum	31	32	39	43	55	29	36	46	32	24	24	34	28	22	24	40	39	38	35	32	36	46	44	39	41	54	29	33				35.9
Harrison	Maximum	57	60	51	59	61	54	63	65	54	45	55	55	50	50	63	62	64	54	52	56	62	72	64	63	72	63	51	66				58.7
	Minimum	27	20	25	45	54	30	26	46	31	25	20	35	24	24	23	25	35	38	37	25	34	35	45	32	32	34	26	27				31.4
Helena	Maximum	55	60	60	70	65	64	62	57	54	39	52	57	64	50	52	63	65	63	55	54	62	66	65	61	70	66	66	61				59.9
	Minimum	30	31	38	47	58	35	34	44	32	29	26	34	49	28	33	40	41	45	46	31	36	46	48	35	42	52	38	30				38.5
Hope /	Maximum	58	65	56	69	68	56	65	52	50	51	59	66	66	54	65	65	70	49	58	61	65	67	69	73	73	71	60	67				62.4
	Minimum	23	23	29	41	56	33	28	30	46	31	28	30	45	26	28	39	43	45	41	35	38	42	52	37	41	46	37	31				36.6
Hot Springs	Maximum	60	64	64	61	65	58	65	64	54	50	60	56	60	55	64	65	70	75	60	63	66	64	66	72	74	71	61	68				63.4
	Miuimum	28	32	43	46	49	34	36	45	30	28	28	36	32	25	31	42	42	44	43	34	36	49	52	40	41	57	34	36				38.3
Jonesboro	Maximum	55	58	55	59	63	61	60	53	48	43	53	52	63	51	50	63	57	54	53	54	61	69	59	61	72	66	54	63				57.5
	Minimum	29	27	30	45	53	34	29	45	33	27	27	29	42	27	26	30	41	38	44	32	29	44	42	36	36	48	33	28				35.1
Lead Hill	Maximum	60	62	62	60	65	50	65	63	51	47	48	56	55	49	55	63	65	50	53	59	63	73	59	63	73	63	62	66				59.3
	Miuimum	19	17	22	46	50	22	20	40	28	24	13	36	26	23	22	24	31	43	40	23	26	30	39	28	26	44	23	23				28.9
Little Rock	Maximum	56	62	55	68	65	55	64	54	50	43	51	55	66	55	57	64	64	50	58	56	65	70	66	67	74	68	57	66				60.0
	Minimum	26	30	36	44	44	34	31	47	32	30	28	34	31	26	32	37	39	47	45	36	37	44	46	40	43	49	37	32				37.0
Lutherville	Maximum	55	62	52	59	64	53	61	57	49	45	52	49	58	50	60	63	64	55	57	63	63	70	62	69	73	65	56	64				58.9
	Minimum	22	25	36	42	49	28	27	48	30	27	26	34	28	20	28	31	34	40	31	35	40	42	50	35	39	51	32	29				34.2
Magnolia	Maximum	60	66	63	73	75	..	69	62	61	52	60	61	72	57	69	70	75	71	57	..	66	72	72	72	74	70	71	69				66.9
	Minimum	29	34	43	50	35	..	34	49	37	32	33	41	37	25	31	42	46	45	43	..	38	50	39	38	47	58	41	33				39.6
Mammoth Spring	Maximum	57	58	54	59	63	59	62	56	50	45	52	53	56	52	52	64	60	57	54	55	60	70	67	60	73	70	50	63				58.2
	Minimum	15	18	22	46	53	31	21	42	35	21	13	26	36	26	21	25	39	35	40	24	25	30	43	29	29	49	27	22				30.1
Marianna /	Maximum	55	59	58	70	64	54	61	50	41	41	53	62	64	51	52	62	65	58	55	55	60	67	63	62	71	65	54	63				58.4
	Minimum	27	40	35	45	51	35	30	35	32	30	25	32	39	29	32	34	39	44	45	33	32	40	48	34	40	49	38	29				36.5
Marked Tree /	Maximum	57	59	54	62	63	53	61	49	40	44	50	58	64	52	50	63	60	59	53	55	60	72	58	60	71	65	54	63				57.5
	Minimum	24	24	25	30	49	35	32	31	38	28	19	21	31	27	22	27	34	38	41	34	30	30	44	34	34	36	36	28				31.5
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
	Miuimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
Mena	Maximum	57	65	50	58	62	55	64	55	52	47	59	55	62	54	64	60	77	56	51	61	65	57	60	75	72	64	59	66				60.1
	Miuimum	25	28	44	46	48	30	32	45	31	27	26	38	27	21	29	37	35	43	38	30	37	40	48	33	46	52	34	28				35.6
Monticello	Maximum	58	64	52	71	69	64	60	59	56	42	55	60	66	53	63	67	69	57	59	60	65	69	75	69	73	69	56	65				62.3
	Minimum	28	31	41	49	49	35	34	45	35	30	30	39	42	26	32	42	46	47	41	36	39	45	44	35	44	50	41	31				38.8
Morrilton /	Maximum	58	62	56	61	66	53	62	52	41	46	53	64	62	51	63	64	75	48	57	59	63	72	62	70	73	66	61	66				60.2
	Minimum	21	24	27	41	53	34	28	30	38	29	25	28	37	28	33	32	35	45	43	33	35	38	47	41	41	41	36	28				34.7
Mountain Home	Maximum	59	63	50	62	68	60	68	62	55	48	55	61	55	50	62	65	65	58	53	57	64	72	64	64	75	69	55	70				61.0
	Minimum	19	21	28	46	56	28	23	42	32	26	20	28	27	21	24	28	36	40	39	33	29	34	42	37	34	46	25	25				31.8
Mt. Ida	Maximum	58	65	48	61	61	56	64	59	54	56	57	52	65	56	65	63	62	57	47	61	55	62	65	68	74	67	63	67				60.3
	Minimum	12	16	27	47	49	26	21	47	32	29	20	30	32	18	23	28	34	45	34	24	25	31	32	28	29	57	26	20				30.1
Nashville	Maximum	..	63	50	64	68	56	64	56	53	52	57	57	64	55	63	63	68	62	58	61	65	65	67	73	73	63	65	66				61.9
	Minimum	..	25	32	49	49	31	28	48	34	30	30	42	33	24	28	30	42	45	39	33	32	43	48	34	36	52	32	29				36.2

Daily Temperatures for February, 1946 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				Mean
Newport	Maximum	58	60	53	61	64	67	62	53	49	46	55	56	66	53	54	65	62	55	56	58	61	70	61	65	74	67	57	64				59.7
	Minimum	24	26	29	47	54	35	29	49	34	30	26	30	40	28	30	36	41	41	46	37	35	45	53	41	36	51	36	30				37.1
Nimrod Dam /	Maximum	60	64	58	64	66	54	64	54	41	48	58	64	64	54	65	65	69	48	57	61	65	73	66	72	75	66	61	66				61.5
	Minimum	19	21	25	35	56	30	25	28	40	31	24	24	26	23	26	29	33	40	41	28	30	31	44	34	36	40	31	26				31.3
Oden	Maximum	59	65	52	60	64	56	65	55	50	50	59	57	63	56	66	63	70	56	55	63	65	66	61	74	73	66	61	69				61.4
	Minimum	15	21	35	45	43	31	25	47	31	29	30	36	29	21	27	30	31	45	39	30	31	35	43	33	42	50	32	25				33.2
Okay	Maximum	59	67	72	68	68	57	65	64	54	55	59	59	56	55	65	70	69	63	61	62	65	67	75	72	74	72	69	67				64.6
	Minimum	21	24	26	48	51	35	29	47	41	31	29	42	35	26	27	26	41	45	40	30	37	49	50	54	51	59	38	29				37.9
Ozark	Maximum	58	65	53	60	57	52	65	58	53	46	55	52	60	52	53	64	67	57	55	60	66	70	62	63	76	68	58	68				59.8
	Minimum	20	23	33	42	50	30	26	52	33	25	25	38	29	22	24	27	35	44	42	29	39	41	48	46	38	45	32	29				34.6
Paragould	Maximum	52	54	54	57	61	60	56	53	49	43	49	53	62	52	52	59	55	53	52	51	58	67	61	58	67	65	56	58				56.0
	Minimum	24	24	26	46	54	33	28	44	33	28	24	29	45	28	26	31	39	36	44	33	28	38	43	34	35	50	33	26				34.4
Perryville	Maximum	64	52	62	68	55	63	59	50	48	54	55	63	55	63	65	66	58	63	59	64	73	65	70	69	68	60	66	67				61.6
	Minimum	15	20	26	47	51	31	24	47	29	29	22	25	31	24	26	27	32	44	40	28	27	35	44	32	33	58	27	24				32.1
Pine Bluff	Maximum	59	65	58	74	65	58	62	57	51	46	56	60	67	56	64	67	70	58	59	58	67	70	71	69	76	68	63	67				62.9
	Minimum	28	29	36	47	57	35	32	48	34	32	28	33	37	28	32	41	42	48	45	34	35	47	47	38	44	58	39	32				38.8
Pocahontas	Maximum	57	56	53	57	61	61	61	53	50	44	52	54	63	53	51	62	58	54	54	55	60	69	64	62	72	67	54	60				57.8
	Minimum	21	22	26	45	52	31	25	44	35	26	20	26	44	26	22	29	40	36	41	32	27	35	42	34	33	47	27	25				32.6
Portland	Maximum	57	65	55	71	70	70	62	70	69	46	55	58	67	54	62	65	68	65	65	58	64	70	76	68	70	70	68	64				64.4
	Minimum	27	30	35	45	58	37	33	42	39	33	30	35	46	29	33	39	39	47	46	38	32	41	59	39	44	54	44	34				39.6
Prescott	Maximum	58	64	61	69	67	56	64	62	52	48	57	60	67	53	64	65	70	67	57	61	64	67	70	72	73	70	64	67				63.2
	Minimum	25	27	36	48	52	34	30	45	32	31	29	48	36	25	31	39	45	45	40	35	34	45	54	38	43	59	38	32				38.4
Rogers	Maximum	55	61	53	61	64	50	61	57	42	47	57	56	50	49	62	61	64	56	53	56	63	72	65	64	71	65	53	64				58.3
	Minimum	27	26	35	48	45	24	30	42	23	21	22	34	20	15	26	36	36	36	35	30	35	39	40	35	40	46	26	31				32.2
Russellville	Maximum	59	64	61	61	66	55	65	61	52	48	56	55	61	53	64	66	67	64	63	59	..	..	..	..	75	71	60	67				61.4
	Minimum	19	23	40	46	51	32	25	49	32	30	25	34	31	25	28	29	38	45	42	29	..	..	..	..	42	59	31	26				34.6
St. Charles	Maximum	57	61	60	72	69	64	63	60	52	43	53	56	67	53	56	66	69	61	57	58	63	69	69	64	72	70	69	63				62.0
	Minimum	27	26	33	44	56	35	30	43	32	29	26	34	46	26	32	30	36	44	43	30	34	45	51	35	42	55	38	29				36.8
Searcy	Maximum	59	63	54	60	65	55	64	55	48	50	57	58	65	55	59	56	65	57	56	62	66	72	64	67	75	68	59	67				60.8
	Minimum	21	26	30	45	54	31	27	46	32	29	23	30	35	27	30	32	38	43	42	30	29	40	50	38	35	52	31	28				34.8
Sheridan	Maximum	58	63	56	71	67	66	65	57	49	46	56	57	65	56	62	65	67	60	52	58	65	69	70	70	74	68	60	67				62.1
	Minimum	20	26	33	43	53	29	28	44	30	29	25	33	38	24	27	33	37	44	33	31	32	39	50	35	39	50	33	37				34.8
Siloam Springs	Maximum	54	61	53	61	65	51	59	59	43	49	57	55	50	49	61	61	65	55	52	58	64	69	64	66	71	64	52	63				58.2
	Minimum	28	22	38	47	42	26	31	42	27	23	24	39	22	14	23	38	34	43	35	25	39	36	38	31	42	47	27	35				32.8
Stuttgart	Maximum	57	62	66	73	64	61	62	59	50	43	52	55	66	54	56	65	68	65	58	56	63	70	69	65	74	68	63	63				61.7
	Minimum	27	28	35	45	58	35	22	46	33	31	28	33	44	28	34	36	38	47	45	35	33	45	52	38	42	57	37	31				38.0
Stuttgart Evap /	Maximum	42	59	50	71	63	54	60	50	44	42	52	61	65	52	55	63	65	54	56	56	61	68	68	64	72	66	56	61				58.2
	Minimum	28	20	28	44	51	31	32	47	43	31	28	30	42	28	32	37	38	42	45	37	32	36	43	36	45	45	39	30				36.4
Subiaco	Maximum	55	64	56	61	68	53	65	60	52	41	56	51	60	51	58	69	65	57	53	57	65	72	63	68	75	68	54	65				60.1
	Minimum	20	25	35	45	49	45	51	50	31	30	40	41	28	25	32	34	40	38	43	32	36	45	52	40	39	53	37	30				38.1
Texarkana	Maximum	58	62	54	69	70	55	61	56	53	50	60	60	67	54	63	62	68	58	58	60	65	69	67	74	72	72	61	65				62.2
	Minimum	28	33	45	54	45	35	33	49	33	33	33	43	31	26	34	42	44	47	42	37	38	51	48	39	46	52	41	37				40.0
Turnpike	Maximum	51	56	49	54	59	48	53	49	46	41	49	49	56	48	55	59	62	52	47	56	57	69	59	62	69	61	50	60				54.5
	Minimum	27	33	37	38	44	24	32	41	22	20	25	31	20	16	28	36	44	40	36	35	36	47	47	41	44	48	30	35				34.2
Waldron	Maximum	59	64	55	65	66	53	65	60	56	46	57	56	64	54	65	62	67	63	54	60	65	69	61	72	74	70	59	67				61.7
	Minimum	17	19	35	48	50	30	23	50	33	28	24	38	30	20	25	26	29	44	35	25	31	35	43	30	33	55	29	25				32.5
Warren	Maximum	57	54	63	72	67	64	65	56	55	46	46	59	67	53	58	66	70	59	57	59	65	70	75	71	76	76	76	67				63.2
	Minimum	27	32	37	48	59	36	35	47	35	32	28	34	38	28	32	44	42	47	47	37	33	45	57	41	41	46	41	31				39.3
White Rock	Maximum	52	57	54	55	56	48	56	53	50	43	49	45	54	48	56	56	61	53	46	54	58	67	60	66	67	60	52	61				54.9
	Minimum	26	32	38	40	38	26	33	44	23	20	26	34	18	18	31	38	41	31	32	34	35	42	42	39	46	45	29	36				33.5
Wilson	Maximum	55	60	65	65	63	62	62	63	52	36	49	49	64	63	63	64	59	60	54	62	70	65	63	63	63	61	57	59				59.7
	Minimum	25	25	30	32	55	32	31	33	30	24	19	28	42	38	36	32	35	35	29	29	39	38	41	40	48	39	37	40				34.4
Wynne /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				....

Daily River Stages for February, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
Fort Smith	Arkansas	22	7.1	7.0	6.9	6.8	6.5	8.4	8.8	9.6	9.4	9.0	8.7	8.5	8.6	15.3	15.4	15.6	14.7	14.0	15.9	20.0	18.8	18.4	17.3	15.8	18.3	11.3	10.2	10.2		
Van Buren	do	22	7.8	7.6	7.5	7.4	7.3	8.4	9.5	10.0	9.8	9.4	9.2	8.9	9.0	15.9	16.4	16.4	15.7	14.8	15.8	20.0	19.9	19.2	18.1	16.6	14.2	12.4	11.1	10.2		
Danville	Petit Jean	20	6.7	6.0	5.7	5.5	6.5	12.2	16.9	14.8	12.0	13.2	17.5	18.5	18.6	24.5	25.0	23.8	21.9	19.9	17.4	15.8	13.0	10.8	9.7	8.8	8.0	7.3	7.1	6.4		
Ozark	Arkansas	22	3.7	3.6	3.7	3.8	3.6	4.6	6.5	6.4	6.4	6.4	6.2	5.9	5.5	12.6	13.6	12.8	12.5	11.4	12.2	15.5	16.2	15.6	14.4	15.4	11.2	10.0	7.4	6.6		
Dardanelle	do	22	5.7	5.6	5.5	5.3	5.5	7.6	9.4	8.9	8.8	8.8	8.7	8.4	8.6	*16.6*	16.8	16.0	15.4	14.4	13.7	15.6	18.5	18.3	17.5	16.4	14.8	12.5	10.5	9.2		
Morrilton	do	20	1.5	0.7	0.8	0.6	0.4	1.4	5.1	4.8	4.6	4.4	4.6	4.4	4.2	10.1	12.3	12.3	11.8	11.2	10.2	10.5	13.7	14.1	13.4	12.6	11.4	9.4	7.2	5.2		
Little Rock	do	23	4.7	4.4	4.3	4.2	4.3	5.7	7.1	8.4	8.2	8.0	8.1	7.9	7.8	8.9	13.7	14.2	13.6	13.1	12.3	11.8	13.6	15.0	14.7	13.9	13.0	11.8	9.9	8.2		
Pine Bluff	do	25	7.3	6.9	6.6	6.4	6.2	7.0	8.4	10.8	11.3	11.0	10.8	10.7	10.6	10.8	14.9	16.2	16.1	15.6	15.1	14.4	14.6	16.5	16.8	16.8	15.9	15.0	13.8	12 1		
Gilbert	Buffalo	30	4.9	4.9	4.9	4.8	4.7	9.4	7.4	6.6	6.1	6.0	5.6	5.5	8.8	17.8	8.8	7.4	6.6	6.3	6.1	5.9	5.8	5.7	5.6	5.4	5.3	5.1	5.0	4.9		
Black Rock	Black	14	7.9	7.3	6.9	6.5	6.4	11.8	12.9	12.7	11.8	11.2	10.4	9.9	10.4	19.9	22.9	22.3	20.9	20.4	20.5	20.7	20.6	20.7	20.7	21.2	21.0	20.6	20.1	19.2		
Forsyth, Mo.	White	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		
Cotter	do	21	4.3	4.2	4.1	3.8	3.8	4.4	4.4	4.5	4.6	5.3	5.5	4.8	5.2	16.4	17.5	18.1	17.0	12.0	9.9	9.5	9.4	9.1	8.6	8.2	7.4	6.9	6.5	6.5		
Calico Rock	do	18	4.6	4.7	4.6	4.4	4.0	5.4	7.4	6.3	5.8	6.0	6.1	6.0	6.0	23.2	20.3	18.6	18.5	14.8	11.8	11.0	10.8	10.4	10.0	9.7	9.8	7.6	7.0	6.6		
Batesville	do	23	10.5	10.4	10.0	10.1	10.0	11.7	12.9	12.9	12.0	11.7	11.8	11.8	12.6	24.0	29.0	26.0	25.5	24.2	20.3	18.3	17.7	17.4	16.8	16.2	15.6	14.8	13.7	12.7		
Newport	do	26	11.6	10.7	10.0	9.3	8.9	11.1	13.7	15.3	15.5	15.0	14.6	14.3	14.1	19.5	24.3	26.8	27.9	28.2	28.1	27.2	26.3	25.7	24.9	24.3	23.7	23.1	22.3	21.5		
Augusta	do	32	27.4	26.4	25.4	24.6	23.7	24.0	26.[illegible]	27.6	28.2	28.3	28.2	28.1	28.0	28.7	30.2	31.4	32.5	33.0	33.4	33.4	33.2	33.0	32.8	32.6	32.5	32.3	32.2	32.0		
Sugar Loaf Mt.	Little Red	..	5.3	5.1	5.0	4.9	5.2	10.7	9.7	8.2	7.5	7.1	7.2	7.1	7.9	27.6	25.6	10.9	9.1	8.1	7.8	8.7	8 0	7.4	7.1	6.8	6.4	6.2	6.0	5.8		
Georgetown	White	21	19.5	18.6	17.6	16.7	15.8	16.3	17.8	18.3	18.6	18.8	18.9	18.9	18.9	19.3	20.3	21.5	22.7	23.3	23.9	24.6	24.9	25.0	24.9	24.6	24.3	24.0	23.6	23.3		
Des Arc	do	24	22.1	21.5	21.0	20.2	19.7	19.5	19.5	20 1	20.7	21.1	21 3	21.4	21.6	21.2	21.5	21.8	22.5	23.4	24.5	25.7	26.5	27.2	29.7	27.5	27.2	26.8	26.4	26.0		
Clarendon	do	26	27.5	27.5	27.0	26.7	26.4	26.2	25.9	25.8	25.8	25.9	26.1	26.2	26.2	26.3	26.4	26.4	26.4	26.5	26.7	27.1	27.6	28.1	28.6	29.0	29.3	29.4	29.4	29.3		
St. Charles	do	25	27.8	27.5	26.2	25.9	25.7	25.5	25.4	25.3	25.3	25.3	25.3	25.3	25.3	25.2	25.2	25.2	25.2	25.2	25.2	25.3	25.3	25.5	25.8	26.1	26.5	26.8	27.1	27.3		
Glenwood	Caddo	..	5.4	5.4	5.4	5.4	10.4	9.6	7.3	6.4	5.6	7.5	6.8	6.3	7.3	8.2	6.9	6.3	6.0	5.8	6.0	5.4	5.4	5.6	5.4	5.1	5.0	5.3	5.3	5.2		
Arkadelphia	Ouachita	17	7.6	7.3	5.9	5.2	12.0	22.3	22.9	19.2	16.1	15.2	15.6	15.3	13.1	18.7	19 9	18.6	14.6	10.6	10.6	9.8	8.4	8.3	8.1	7.7	7.7	7.6	7.6	7.6		
Boughton	Little Mo.	20	10.6	9 4	8.0	7.6	9.3	18.6	21.8	20.7	18.7	17.8	18.2	18.6	17.3	16.5	14.2	18.2	16.6	13.3	12.1	12.9	12.2	10.8	9.6	9.3	8.6	8.1	7.8	7.5		
Camden	Ouachita	26	19.4	19.4	18.8	17.9	16.6	18.0	23.9	28.0	31.1	33.9	35.2	35.2	34.7	34.2	33.6	33.2	33.2	33.1	32.7	31.9	30.7	29.3	27.3	26.0	23.9	21.8	19.9	18.4		
Benton	Saline	20	7.4	7.1	6.8	6.7	9.5	21.4	15.2	10.7	9.7	11.3	12.5	10.8	10.2	14.3	12.1	10.0	9.1	8.6	8.6	8.6	8.0	7.7	7.4	7.2	7.0	6.8	6.7	6.5		
Index	Red	25	9.9	9.9	9.8	9.6	9.6	9.8	14.0	14.2	14.4	13.8	13.7	13.2	13.1	12.9	16.6	17.7	17.6	16.8	16.8	19.0	19.5	18.8	18.6	18.8	18.8	18.3	18.0	17.2		
Fulton	do	25	12.6	12.4	12.1	11.8	12.2	15.6	18.0	19.0	19.9	20.2	20.6	20.3	20.0	19.9	21.8	22.7	23.0	22.7	22.2	23.7	24.6	24.2	23.5	23.5	23.2	22.6	21.9	21.1		
St. Francis	do	18	12.0	11.5	11.0	10.6	10.5	16.1	16.7	16.8	16.8	16.7	16.5	15.9	15.7	17.7	17.9	17.9	18.3	19.0	19.9	20.5	20.7	20.7	20.7	20.7	20.6	20.4	20.1	19.9		
St. Francis L.D.	do	..	23.6	23.4	23.2	23.0	22.9	22.9	22.8	22.7	22.9	23.0	23.3	23.3	23.3	23.4	23.4	23.7	23.8	23.8	23.9	23.4	24.1	24.2	24.3	24.2	24.3	24.5	24.7	24.8		
Marked Tree	do	17	9.3	9.6	9.1	9.4	9.3	10.1	10.8	11.1	11.2	11.3	11.2	11.2	11.5	11.3	11.0	10.6	11.5	11.3	10.9	10.5	10.1	9.8	10.1	10.3	11.0	10.8	11.1	11.0		
Parkin	do	28	21.7	20.7	19.3	18.3	17.1	17.3	18.3	18.6	19.1	19.2	19.1	19.1	19.6	20.6	21.1	21.2	21.1	20.8	20.5	20.2	20.1	19.8	19.8	19.8	20.0	20.3	20.5	20.8		
Madison	do	32	26.9	25.2	23.2	21.7	20.0	20.0	19.8	19.9	20.7	20.7	20.9	21.1	21.6	22.3	23 0	23.5	23.8	24.0	24.3	24.6	24.6	24.7	24.8	24.9	25.1	25.2	25.5	25.7		
Helena	Mississippi	44	32.2	28.4	25.0	22.3	20.4	19.3	19.2	20.1	21.9	24.1	26.2	28.0	29.8	31.2	32.2	33.3	34.5	35.7	36.6	37.1	37.6	37.8	38.2	38.6	38.7	38.6	38.4	38.1		
Arkansas City	do	42	32.1	30.0	27.6	25.4	23.9	23.0	21.9	21.2	21.7	23.2	24.5	25.7	26.7	27.7	28.5	29.2	30.5	31.3	31.8	32.2	32.4	32.6	33.0	33.3	33.5	33.5	33.5	33.4		

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. a, b, c, etc., number days missing, example, b indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2] Measured in the morning for the preceding 24 hours. [3] Data for 24 hours ending at 12:30 a. m. of the following day. [4] Best available used for stations not equipped with recorders. [5] Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilia: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas–5-8-1946–1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LI LITTLE ROCK, ARK., MARCH, 1946 No. 3

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Temperatures averaged considerably above normal during March. The first week was rather warm, followed by the coldest weather of the month from the 8th to 12th. After the 12th temperatures were almost continually above normal, and daily readings of 70° or higher were of frequent occurrence. The lowest temperatures of the month occurred on the 9th, with minima ranging from 20° at some northern stations to slightly above the freezing point near the Louisiana border. Freezing temperatures did not occur after the 12th of March. The highest temperatures were registered on the 30th and 31st, and exceeded 90° at a few southern stations.

Heavier than average precipitation was reported by most stations in Arkansas during March. The heaviest rains fell in the Ouachita River Valley where some stations measured 8 to 11 inches, and in the lower St. Francis Valley where the average was about 8 inches. Rainfall was lightest in the northwestern section where a few stations reported less than 2 inches. General and quite heavy rains fell on the 6th, 24-25th, and 27th. Snow flurries were reported in the northwestern part of the State early in the month.

The heavy rains caused sharp rises on the lower Black, Ouachita, Petit Jean, and Saline rivers. Two overflows occurred on the Ouachita River during the month, the second rise flooding much lowland at the close of the month.

Abnormally warm weather and abundant moisture caused vegetation to forge rapidly ahead during March. All fruits were considerably advanced at the close of the month, and in danger of April frosts. Plowing, garden and potato planting, oat sowing, and fruit spraying were major farm activities. Some corn was planted and cotton land was being prepared.

B. N. W.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 79 stations, was 58.2°, which is 5.5° above the 56 year average for March. The highest monthly mean temperature was 61.2° at Warren, and the lowest was 54.0° at Gilbert and White Rock. The highest temperature recorded was 94° at Okay on the 31st, and the lowest was 19° at Mount Ida on the 9th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 103 stations, was 5.47 inches, which is 0.69 inch above the 56 year average for March. The greatest monthly total was 11.28 inches at Alum Fork, and the least was 1.64 inches at Beaver. The greatest amount recorded in a 24 hour period was 4.75 inches at Bee Branch on the 5-6th.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms:---1,4,5,6,7,9,12,13,14,15,16,22,23,24,25,26,27,28.
High Winds:---1,2,3,4,5,6,7,8,9,10,12,13,14,15,16,17.18,19,23,25,27,31.
Heavy Fog:---13,14,18,21,23,24,25,26,27.
Sleet:---7.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.50	10	29.42	16	9.5	39	ne.	15	83	60	59	46	242
Little Rock	30.49	10	29.49	16	10.0	34	sw.	15	82	59	59	64	203
Memphis .	30.47	11	29.48	15	9.0	33	s.	8	83	60	64	48	194

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	79	10	5.10	......		11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1 3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	83	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0 8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53 2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2 21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
1937	48.7	84	14	3 04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
1939	54.4	88	19	3.71	T.	8	14	8	9
1940	52.0	88	9	2.39	0.7	7	14	7	10
1941	47.5	80	13	2.21	0.2	7	13	8	10
1942	53.0	89	18	3.95	2.0	8	15	7	9
1943	46.9	84	− 6	5.66	0.2	10	13	6	12
1944	51.3	87	14	6.13	0.2	10	12	8	11
1945	58.9	92	16	11 12	0.0	13	11	6	14
1946	58.2	94	19	5.47	0.0	8	11	8	12
Period	52.7	98	− 6	4.78	0.5	8	13	7	11

NAT. HIST.

Climatological Data for March, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	9	57.4	......	85	30†	24	9	11.28	......	4.37	5-6	0	7	11	7	13	w.	L. R. Water Works
Arkadelphia	Clark	200	50	59.0	+ 3.2	91	30†	29	9	6.49	+1.61	2.75	27-28	0	6	11	9	11	sw.	W. H. Halliburton
Arkansas City	Desha	145	61	......	......	......	......	......	......	4.71	−0.88	0.95	6-7	0	7	11	7	13	......	John W. Trammell
Ashdown	Little River	329	2	59.6	......	93	30	26	9	4.29	......	1.17	27-28	0	10	12	10	9	sw.	Southwestern G. & E.
Batesville Airway	Independence	363	10	57.5	+ 7.1	85	29	28	9	4.12	......	1.26	5-6	0	11	10	8	13	s.	Airway Observer
Batesville Livestk.	Independence	500	5	57.2	......	89	31	28	9†	4.76	......	2.20	5-6	0	5	9	12	10	sw.	University of Arkansas
Batesville River	Independence	277	46	......	......	......	......	......	......	3.81	−0.15	1.09	5-6	0	9	12	2	17	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	56.2	+ 4.9	83	30	23	9	6.85	+2.21	4.75	5-6	0	8	16	8	7	n.	Minnie Scanlan
Benton	Saline	285	10	54.2^a	+ 1.6	87^b	30	23	9†	7.44	......	3.52	27-28	0	6	17	6	8	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	55.4	+ 7.4	88	31	27	9	2.38	−1.05	1.49	15-16	0	7	12	14	5	sw.	E. L. Brown
Bethesda ***	Independence	500	6	57.0	......	89	31	28	9†	4.89	......	2.35	5-6	0	5	9	12	10	sw.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	15	......	......	......	......	......	......	4.69	+0.47	1.64	24-25	0	12	7	12	12	s.	N. W. Douglas
Black Rock	Lawrence	259	44	......	......	......	......	......	......	2.95	−1.41	0.80	13-14	0	10	6	15	10	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	5	60.6	......	90	30	30	9	4.46	......	1.72	5-6	0	8	10	14	7	sw.	Ark. Forestry Com.
Blytheville	Mississippi	252	20	59.0^a	+ 7.8	82^a	31	29^a	9	4.84	+0.23	1.50	25	0	8	16	9	6	sw.	R. E. Blaylock
Booneville 3 miles w	Logan	465	31	59.1	+ 5.8	89	31	24	9	4.27	+0.75	1.48	27-28	0	11	11	9	11	e.	F. H. Randolph
Boughton ***	Clark	235	10	......	......	......	......	......	......	7.22	......	3.52	5	0	5	8	5	18	......	Katie B. Moore
Brinkley	Monroe	205	54	58.7	+ 5.4	84	31	27	9	7.41	+2.12	2.17	27-28	0	8	9	4	18	s.	U. S. Weather Bureau
Calico Rock	Izard	361	41	......	......	......	......	......	......	3.95	+0.35	2.46	5-6	0	7	8	2	21	......	William Jones
Camden	Ouachita	116	60	60.4	+ 5.1	91	30	30	9	5.37	+0.28	2.12	27-28	0	8	10	14	7	s.	J. M. Knight
Camp Chaffee	Sebastian	419	2	58.0	......	92	31	26	9	3.48	......	1.24	27-28	0	7	9	6	16	se.	U. S. Army
Camp Robinson	Pulaski	463	5	59.0^a	......	86	31	27^a	9	7.38	......	1.97	27	0	9	7	14	10	se.	U. S. Army
Clarendon	Monroe	172	41	......	......	......	......	......	......	7.12	+2.12	2.29	27-28	0	9	11	6	14	......	B. F. Northern
Conway	Faulkner	309	62	58.8	+ 5.2	87	30†	27	9	6.96	+2.36	3.13	5-6	0	12	10	12	9	sw.	G. Y. Short
Corning	Clay	293	52	59.8	+ 9.0	85	29	28	9	2.66	−1.97	0.70	15	0	7	12	9	10	s.	Mrs. Laura Polk
Cotter	Baxter	440	18	......	......	......	......	......	......	2.53	−0.51	1.57	5-6	0	6	10	10	11	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	33	59.4	+ 3.4	92	30	26	9	6.60	+1.45	1.65	14-15	0	8	13	8	10	s.	U. S. Forest Service
Cummins Farm ***	Lincoln	176	2	59.1	......	85	30	29	9	7.27	......	2.45	27-28	0	7	12	14	5	s.	T. C. Cogbill
Danville	Yell	327	29	......	......	......	......	......	......	6.01	+1.99	2.21	27-28	0	9	7	6	18	......	J. A. Moudy
Dardanelle	Yell	330	59	60.4	+ 7.1	90	30†	27	9	5.66	+1.35	2.20	27-28	0	7	7	6	18	s.	Geo. N. Goodier
DeQueen	Sevier	426	10	59.2	......	93	30	26	9	3.28	......	1.72	24-25	0	8	11	12	8	......	L. D. M. Cowan
Des Arc	Prairie	204	7	60.2	......	84	31	29	9	7.95	......	2.14	27-28	0	8	7	1	23	s.	Z. R. Glenn
Devils Knob ***	Johnson	2350	9	54.6^b	......	79^b	29†	27^b	9†	6.20	......	1.88	5-6	0	9	12	2	17	sw.	U. S. Forest Service
Dumas	Desha	162	40	60.1	+ 4.5	87	31	30	1†	6.94	+1.11	1.90	27	0	9	9	13	9	s.	Ben Johnson
El Dorado	Union	270	45	58.8	+ 4.3	90	30	31	9	7.01	+1.85	2.25	26-27	0	7	13	9	9	s	Airway Observer
England	Lonoke	229	39	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	O. V. Halbrook
Eureka Springs	Carroll	1465	45	57.3	+ 7.3	87	31	28	9†	2.02	−1.77	0.95	13	0	7	15	8	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	56.4	......	86	31	26	9	2.28	......	0.69	15-16	T.	11	8	8	15	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	58	55.2	+ 5.5	85	31	25	9†	2.31	−1.19	0.72	15-16	T.	10	10	9	12	s.	University of Arkansas
Fordyce	Dallas	280	5	61.0	+ 6.4	92	30	33	9	8.43	+2.85	3.06	27-28	0	8	14	7	10	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	58.0	+ 5.5	92	31	28	9	3.11	+0.10	1.02	27	0	10	9	6	16	ne.	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	8	......	......	......	......	......	......	4.05	......	1.02	15	0	6	11	8	12	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	60	......	......	......	......	......	......	7.05	+2.50	2.39	5-6	0	8	9	7	15	......	Ina J. Logan
Garland	Miller	225	3	......	......	......	......	......	......	7.93	......	4.15	5-6	0	7	11	0	20	......	L. D. Denney
Georgetown, 2 mi. se	White	200	33	......	......	......	......	......	......	7.61	+2.59	2.30	27	0	9	18	0	13	......	J. S. McDonald
Gilbert	Searcy	600	20	54.0	......	86	28†	20	1†	1.70	−1.13	0.85	5-6	0	5	10	4	17	s.	D. O. Dennis
Glenwood	Pike	547	10	......	......	......	......	......	......	6.53	......	1.57	15	0	9	10	5	16	......	C. A. Price
Grannis	Polk	950	26	57.5	+ 5.8	88	30	27	9	6.48	+2.11	2.36	5	0	9	14	6	11	s.	W. E. McVay
Gravette	Benton	1250	48	55.8	+ 7.1	87	31	23	9	1.96	−1.42	0.53	6	0	8	11	11	9	sw.	J. A. Schmidt
Green Mountain ***	Stone	1100	8	57.6	......	83	31	30	9	3.75	......	2.05	5-6	0	6	10	8	13	s.	U. S. Forest Service
Harrison	Boone	1052	45	56.8	+ 8.0	86	31	23	9	2.22	−0.93	1.21	5	0	5	14	4	13	s.	J. M. McGaughey
Helena	Phillips	300	73	59.2	+ 5.4	83	31	32	9	5.73	−0.30	1.41	27	0	10	9	2	20	se	James A. Burnett
Hope 3 miles e	Hempstead	375	75	58.4	+ 2.8	90	30	28	9	8.13	+3.05	4.30	5-6	0	8	11	7	13	sw.	Univ. of Arkansas
Hot Springs	Garland	600	53	60.4	+ 6.2	92	31	31	9	11.06	+6.23	4.48	5-6	0	8	12	10	9	s.	National Park Service
Index ***	Little River	275	28	......	......	......	......	......	......	4.03	−0.53	0.90	15	0	8	15	0	16	......	W. E. McDowell
Jessieville	Garland	750	19	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	U. S. Forest Service
Jonesboro	Craighead	345	50	58.4	+ 6.3	83	29†	31	11	3.69	−1.08	1.18	15	0	11	6	9	16	sw.	Benedictine Sisters
Lead Hill	Boone	650	39	55.9^a	+ 7.5	84	29†	21^a	9	2.41	−1.28	1.25	5-6	0	6	14	4	13	s.	F. W. Kellogg
Little Rock	Pulaski	257	66	59.4	+ 6.4	86	30	32	9	8.22	+3.60	3.16	24-25	0	7	8	7	16	sw.	U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	47	57.2	+ 5.8	85	31	27	9	6.05	+1.88	1.76	5-6	0	9	16	5	10	w.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	......	......	......	......	......	......	8.47	+3.25	1.95	27-28	0	9	9	4	18	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	61.0	+ 3.5	90	30	29	9	4.64	+0.02	1.55	6	0	8	15	7	9	se.	State Agri. School
Mammoth Spring	Fulton	600	41	56.6	+ 6.8	85	29	24	9	4.67	+1.27	3.05	5-6	0	8	9	20	2	w.	L. A. O'Neal
Marianna	Lee	235	34	58.2	+ 4.6	85	31	29	9	7.11	+2.23	1.69	27-28	0	8	9	13	9	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	41	57.6	+ 7.2	85	31	31	11	5.47	+0.31	1.06	25	0	8	13	10	8	n.	Chas. Walton
Marshall	Searcy	1050	27	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Roy Richardson
Mena	Polk	1207	57	57.4	+ 4.8	89	31	28	9	5.18	+0.68	1.64	5	0	10	11	7	13	sw.	E. W. St. John
Monticello	Drew	273	5	59.8	......	88	30	30	9	7.94	......	3.79	27	0	9	12	7	12	sw.	Airway Observer
Morrilton ***	Conway	315	29	57.0	+ 5.7	87	30	28	9	6.93	+2.80	3.59	5-6	0	7	14	5	12	sw.	L. A. Dicus
Mountainburg	Crawford	712	8	......	......	......	......	......	......	4.09	......	0.97	27-28	0	10	11	6	14	s.	C. A. Lovell
Mountain Home ***	Baxter	800	33	58.0	+ 8.2	86	29	24	9	3.25	−0.42	1.90	5-6	0	6	13	4	14	nw.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	57.8	+ 5.7	88	30†	19	9	8.61	+4.11	2.14	25	0	11	11	6	14	w.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	7	......	......	......	......	......	......	3.38	......	1.19	27	0	7	11	5	15	......	H. G. Arvin
Nashville	Howard	350	7	59.2	......	90	30†	26	9	4.10	......	0.92	5-6	0	10	17	5	9	sw.	Brice Carruth
Newport	Jackson	231	62	59.6	+ 7.1	87	30	29	9	4.10	−0.69	0.95	13-14	0	11	11	2	18	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	4	56.5	......	88	30	25	9	6.68	......	3.25	27-28	0	9	13	7	11	se.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	18	58.3	......	90	31	24	9	5.06	+1.25	1.85	5-6	0	10	9	4	18	sw.	U. S. Forest Service
Okay	Howard	288	17	60.6	+ 5.0	94	31	27	9	4.84	+0.23	0.92	5-6	0	10	12	11	8	sw.	J. T. Hargis
Osceola	Mississippi	250	45	......	......	......	......	......	......	6.30	+1.18	2.34	25	0	10	8	15	8	......	C. E. Carter
Ozark	Franklin	396	50	57.6	+ 5.0	88	29	26	8†	6.16	+2.41	2.12	27	0	7	8	8	15	se.	Orkney O. Milton
Paragould	Greene	275	22	58.0	......	79	29	34	2	3.74	−1.18	1.10	15-16	0	10	11	14	6	sw.	J. E. Garrett
Parkin, 2mi. w	Cross	222	15	......	......	......	......	......	......	8.64	+3.32	3.22	24-25	0	7	10	4	17	......	Carroll King
Perryville	Perry	325	6	58.6	+ 7.0	87	31	29	2	7.89	+4.03	3.45	5-6	0	11	10	11	10	w.	Gordon Bennett
Pine Bluff	Jefferson	215	58	60.1	+ 5.1	89	30	31	9	7.85	+2.54	4.08	27-28	0	9	13	11	7	sw.	Mary T. Schcu
Pine Ridge	Montgomery	840	21	......	......	......	......	......	......	5.48	+1.20	1.92	5-6	0	9	12	7	12	sw.	J. R. Huddleston
Pocahontas	Randolph	300	52	57.6	+ 6.6	85	29	25	9	3.16	−1.40	0.77	6	0	12	11	7	13	s.	Benedictine Sisters
Portland	Ashley	122	39	60.9	+ 4.0	90	30	32	9	4.89	−0.39	1.55	5-6	0	6	13	9	9	s.	Mrs. Pearl Newton
Prescott	Nevada	318	57	60.5	+ 4.6	92	30	30	9	7.13	+2.57	3.34	5-6	0	8	13	6	12	se.	R. P. Hamby
Rogers	Benton	1300	55	55.8	+ 6.8	86	31	25	9	2.56	−0.79	0.59	13	0	10	10	11	10	sw.	Howard Fowler
Russellville	Pope	526	33	59.2	+ 6.8	88	30	26	9	5.31	+0.97	1.68	27-28	0	10	11	8	12	w.	U. S. Forest Service
St. Charles	Arkansas	175	12	60.0	......	85	31	29	9	6.92	......	2.58	5-6	0	9	5	16	10	s.	U. S. Biological Survey
St. Francis	Clay	290	18	......	......	......	......	......	......	2.93	−1.96	0.85	15-16	0	8	11	0	20	......	Wm. S. Buckley
Searcy	White	245	35	59.2	+ 7.0	86	31	29	9	6.58	+1.92	1.74	27-28	0	10	11	4	16	s.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	5	58.7	......	87	30†	26	9	6.18	......	2.39	27-28	0	9	8	13	10	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	55.6	......	86	31	26	9	2.80	......	0.99	4-5	T.	11	7	15	9	s.	John Brown Univ.
Story	Montgomery	650	21	......	......	......	......	......	......	6.02	+2.05	1.94	15	0	7	11	9	11	s.	S. C. Story
Stuttgart	Arkansas	214	58	59.4	+ 5.5	84	30	30	9	6.60	+1.14	2.20	27-28	0	6	21	3	7	se.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	10	57.7	......	83	30†	30	9	5.86	......	2.19	28	0	9	17	5	9	......	University of Ark.

Climatological Data for March, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	47	58.0	+ 4.9	87	31	28	9	6.56	+2.76	3.02	27-28	0	6	10	9	12	s	New Subiaco Abbey
Texarkana	Miller	382	61	60.1	+ 3.9	90	30	32	9	5.49	+1.19	1.78	5-6	0	10	8	6	17	se.	U. S. Weather Bureau
Turnpike ***	Pope	2240	21	55.4	......	85	31	29	10	6.60	+2.56	2.08	22-23	0	12	10	11	10	sw.	U. S Forest Service
Waldron	Scott	675	26	58.0^b	......	89^c	31	23	9	3.05	−0.67	1.20	5	0	7	9	6	16	se.	William D Bivens
Warren	Bradley	206	51	61.2	+ 5.2	89	30	30	9	8.29	+2.83	1.85	27-28	0	10	8	11	12	sw.	C. N Turner
Whitecliffs	Little River	290	39	....	......	....	......	......	......	4.33	−0.14	0.92	27-28	0	9	12	3	16	......	L. M. Snead
White Rock ***	Franklin	2285	9	54.0	......	81	31	28	8	4.25	......	1.80	27-28	0	11	11	7	13	se.	U. S. Forest Service
Wilson	Mississippi	237	20	58.0	+ 6.2	84	31	28	9	7.31	+2.64	3.20	24-25	0	6	17	2	12	sw.	D. O. Anderson
Wynne	Cross	167	37	57.1	+ 5.3	77	3†	30	7†	8.77	+3.59	3.85	24-25	0	6	11	8	12	......	Mrs. C. A. Ford
State Means			..	58.2	+ 5.5	94	31	19	9	5.47	+0.69	4.75	5-6	T.	8	11	8	12	sw.	

Daily Precipitation for March, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas						1.00							.18	.31		.45							.22	.06	.25		.17	.41				3.05
Alum Fork Reser.	Arkansas					T.	4 37							.21	T.	.30		T.						T.	.28	1.25		1.30	3.57				11.28
Aplin[2]	Arkansas						2.82								.21		.31							.16	T.	.32	.07	T.	3.67	.25			7.81
Arkadelphia[2]	Ouachita						2.59							T.	.09		.26								T.	.53	.27		2.75	T.			6.49
Arkansas City[2]	Mississippi						.58	.95						.06	.46		.85							T.			.89		.92	T.			4.71
Ashdown[2]	Red						.70							.55	.26		.36								.30	.62	.19	.14	1.02	.15			4.29
Augusta[2]	White						.80							T.	.68	T.	1.08							.29		1.02	.84		1.87	.01			6.59
Batesville Air'y[3]	White					.11	1.15							.59	.14	.93	.03							.30	.02	.61		.03	.21				4.12
Batesville Livestk[2]	White						2.20						T.	T.	.55		1.46							.30		T.	.25	T.	T.				4.76
Batesville River[2]	White					T.	1.09							.10	.61		1.06							.26		.05	.40		.17	.07			3.81
Beaty Lake	St. Francis					T.	1.02							.10	1.12	T.	1.05		T.				T.		.03	2.15	.35	T.	2.35				8.17
Beaver[2]	White						.42							.05	.59		.30	.03	.06					.05				.14					1.64
Bee Branch	Arkansas					.15	4.60							.53	.10	.23								.40	T.	.19			.65				6.85
Beech Grove[2]	White						.60							.02	.89	.10	.91							.16		.01	.40		.20				3.29
Beedeville[2]	White						.75	T.						.02	.80	.03	.97							.02		.82	.78		1.04	.02			5.25
Benton[2]	Saline						1.32								.10		.17									1.68	.65		3.52				7.44
Bentonville[2]	Arkansas					T.	.20	T.	T.					.15	.32		1.49	.17	.02										.03				2.38
Bethesda[2]	White						2.35								.58	T.	1.41							.30		T.	.25	T.	T.				4.89
Big Flat[2]	White						1.90							.09	.64	12	.14							.19									3.08
Big Lake Outlet[2]	St. Francis		T.				.44	.47						.01	.60		1.05		.02	.02				.10		.17	1.47	*	.34				4.69
Black Rock[2]	White						.73	.02						.04	.80	.13	.38							.26			.43		.02	.14			2.95
Bluff City	Ouachita					T.	1.72							.10		.15									.23	.40	.21	1.25	.40				4.46
Blytheville[2]	St Francis						.70							T.	.34		1.17	.03		.03					.07	1.50			1.00				4.84
Booneville 3 mi. w	Arkansas					*	.93						*	.26	.24	.43	.05							.60	.28			*	1.48				4.27
Booneville[2]	Arkansas																																....
Boughton[2]	Ouachita						3.52										.62									1.12	.32		1.64				7.22
Bradford[2]	White						.77							.18	.59	.03	.90							.02		.45	.47		1.15	.02			4.58
Brinkley[3]	White					T.	1.05							.50	.08	1.10	T.						T.		.39	2.12		1.56	.61				7.41
Burdette	Mississippi						1.04								.43		1.27							.10		1.55	.72		.96				6.07
Calico Rock[2]	White						2.46							.06	.53	.06	.70		.02					.12			T.						3.95
Camden[2]	Ouachita						1.44							.09	.19		.40									.30	.80	.03	2.12				5.37
Camp Chaffee[2]	Arkansas						.24							.12	.40	T.	.69							.66	.13	T.		T.	1.24	T.			3.48
Camp Robinson[1]	Arkansas					.01	1.33							.26	.02	.43									1.10	1.85		1.97	.41				7.38
Carlisle[2]	Arkansas						1.25										1.68									1.64	1.72						6.29
Clarendon[2]	White						.78	.21							.57		1.24								.02	1.16	.73		2.29	.12			7.12
Cold Springs[2]	Ouachita						2.55								.60		.52								*	.30		1.00					4.97
Conway	Arkansas					.05	3.08							.51	.01	.30	.02							.14	.19	.34	.01	.12	2.19				6.96
Corning[2]	White						.50								.60		.70		.12					.26			.20			.28			2.66
Cotter[2]	White						1.57							.11	.56		.16		.03					.10									2.53
Crossett	Ouachita						1.63							.12		1.65	.13									.48	.75	.97	.87				6.60
Crystal Valley[2]	Arkansas						1.25								.39											1.70			2.95				6.29
Cummins Farm	Arkansas						1.30							.20	.40	1.47									T.	1.45	T.	1.05	1.40				7.27
Danville[2]	Arkansas						1.49							.11	.35		1.03							.47	T.	.21		.07	2.21	.07			6.01
Dardanelle[2]	Arkansas						1.44							.06	.25		1.26							.35	T.	.10			2.20				5.66
De Queen	Red					.17							30	T.		.15	.09						T.		*	1.72		.45	.40				3.28
Dermott[2]	Mississippi						.71	.74							.13		2.40									.02	.96		1.81				6.77
Des Arc[2]	White						91	.03							.52		1.30								T.	1.32	1.73		2.09	.05			7.95
Devils Knob	Arkansas					.63	1.25							1.00	.25	.60	.45							1.00				.34	.68				6.20
Dumas	Mississippi						1.45							.10	.35	1.00	.42								.07	.70		1.90	.95				6.94
Eagle Gap[2]	Arkansas						1.05							.38	.23		.50							.17	.12	.51		.39	.32				3.67
El Dorado	Ouachita						1.42							.44	.10	1.50										.58	.72	2.25					7.01
Eleven Point[2]	White		.06				1.01							.16	.71	.12	.29		.07				.06	.36			.21			.03			3.08
England	Arkansas																																....
Eureka Springs	White						.55							.80	.15	.15	.15	.10	.12														2.02
Evening Shade[2]	White						3.17							T.	.75	.17	1.25	T.						.42		T.	T.	T.	T.	T.			....
Fayetteville	White				T.	.30	.14		T.				T.	.42	.03	.39	.69	.03	.06	T.				.02	T.		T.	.19	.01				2.28
Fayetteville Exp. S	White				T.	T	.39		T.				.01	.15	.33	.37	.72	.03	.09	T.				.01	T.		T.	.21	T.				2.31
Fordyce	Arkansas					T.	1.32							T.	.55	.62									.50	.56	.22	1.60	3.06				8.43
Forester[2]	Arkansas						2.45							.40	.53		.32							T.	T.	.60		T.	.85	.87			6.02
Fort Smith[1]	Arkansas					.12	.01	T.					.11	.35	.08	.36	T.	T.					.09	.86	.11			1.02	T.				3.11
Fort Smith W.[2]	Arkansas						.68						.30		.81		1.02							.22					1.02				4.05
Fulton[2]	Red						2.39							.34	.93		.66								T.	.50	.46	.25	1.52				7.05
Garland[2]	Red						4.15							.18	.75		1.10									.18	.50	T.	1.07	T.			7.93
Georgetown[2]	White						.95							.03	.48	.02	1.08							.06		1.30	1.39		2.30				7.61
Gilbert[2]	White						.85							.05	.65	.05								.10									1.70
Glenwood[2]	Ouachita						T.	1 37						.43	.17		1.57								.08	1.43	.29		.88	.31			6.53
Grannis	Red						2.36							.73	.11		.50							.10	*	1.65		.96	.07				6.48
Gravelly[2]	Arkansas					T.	1.73							.16	.37		.49							T.		.37			1.55				4.67
Gravette	Arkansas						.53							*	.42	.25	.23	.39						.10				.04					1.96
Green Forest	White					T.	.36							.36			.15	.37	.43					.04									1.71
Green Mountain	White					.10	1.95							.55	.15	T.	.70							.30		T.			T.				3.75
Greenwood[2]	Arkansas					T.	.37							.12	.62	.01		.66						.52	.37	T.			1.21				4.54
Harrison	White					.15	1 06							.63		.32	.06	T.															2.22
Helena[2]	Mississippi		T.				.54	.76							1.02	.01	.75								.01	.43	.52		1.41	.28			5.73
Henderson[2]	White						1.70							.75			.20					T.	T.										2.65
Hope[2]	Red						4.30							.09	.15		92									.66	.39	.09	1.53				8.13
Hot Springs	Ouachita					.05	4.43							.22		.29								T.	.64	1.57	T.	2.20	1.66				11.06
Huttig[2]	Ouachita						1.05	.36						.07	.15		1.16									T.	1.28	.10	2.01				6.18
Index[2]	Red						.80							.46	.27		.90									.60	.10	.25	.65				4.03
Jessieville	Ouachita																																....
Jonesboro[2]	White						.70	.02						.01	.69	.03	1.18		.01					.08		T.	.63		.21	.13			3.69
Lake City[2]	St. Francis						.42								.98									.44			.62						2.46

Daily Precipitation for March, 1946 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Lead Hill	White					.23	1.02							.48	.11	.19		T.						.38									2.41
Little Rock [1]	Arkansas					T.	1.04						T.	.23	T.	.56									.93	2.35		2.55	.56				8.22
Lock & Dam No. 3	White						3.10							.16	.45	.01	1.43							.30		.03	.15		.03	.10			5.76
Lurton [2]	White						2.04		T.					.16	.94		.62		.03					.91	.01	.04			.43				5.18
Lutherville	Arkansas					.20	1.56							1.20	.30	.75								.80	.12			.62	.50				6.05
Madison [2]	St. Francis						.82	.41							1.17		1.05							.02		1.80	1.05		1.95	.20			8.47
Magnolia	Red						1.55								.45	.20									.09	.89	.43	.81	.22				4.64
Mammoth Spg [2]	White						.05	3.00						.06	.75	T.	.41		.07					.16		.17							4.67
Marianna [2]	St. Francis	T.					*	1.41							.81		.78						T.	T.		1.14	1.28		*	1.69			7.11
Marked Tree [2]	St. Francis						.54	.40							.55		1.16									.83	1.60		.31	.08			5.47
Marshall [2]	White																																
Marvell [2]	White						1.50								.74		.74		.43	1.05									1.91				6.37
Melbourne [2]	White						3.94								.45		1.41					.40					.05						6.25
Mena [2]	Ouachita						1.64							.64	.20		.41							.34	.06	1.16	.03	.51	.19				5.18
Monticello [1]	Ouachita						1.46							.18	.08	.87									.05	1.44	.02	3.79	.05				7.94
Morobay [2]	Ouachita						1.15	.05						.02	.10		1.10									.04	1.49	.09	2.42				6.46
Morrilton [2]	Arkansas						3.59							T.	.60		.21							.26	T.	.21			1.95	.11			6.93
Mountainburg	Arkansas					T.	.60	T.					.17	.84	.11	.83	.26	T.						.20	.11			.70	.27				4.09
Mountain Home	White						1.90							.50	1.20	T.	.45	.10						.10									3.25
Mountain View [2]	White						4.60							.06	.45	.16	.83							.85		.10				.05			7.10
Mount Ida	Ouachita					.12	1.64							.30		1.03	.10							.08	.38	2.14	1.58	.70	.54				8.61
Mulberry [2]	Arkansas						.33							.17	.39		.99							.21	T.	.10			1.19				3.38
Nashville	Red					.13	.79						.12	.19		.61							T.	.03	.39	.47	T.	.79	.58				4.10
Newhope [2]	Ouachita																																
Newport [2]	White						.75	.05						.02	.95	.20	.68							.25		.20	.20		.60	.10			4.10
Nimrod Dam [2]	Arkansas						2.33							.06	.15		.46							.03		.27	.01	.12	3.25				6.68
Oark [2]	Arkansas						1.55						.20	1.00	.95									.75	.20				1.75				6.40
Odell [2]	Arkansas						.68							.20	.76		.92							.90	.04				.78				4.28
Oden	Ouachita					.08	1.77							.66	.27	.41								.26	.47	.61		.37	.16				5.06
Okay	Red					.07	.85							.46	.59	.77									.76	.20	.07	.50	.57				4.84
Osceola [2]	Mississippi					.09	.96							.32	.03	1.35		T.	.02			T.		T.	.56	2.34		.28	.35				6.30
Ozark [2]	Arkansas						1.80							.31	.26		.78							.78		.11			2.12				6.16
Paragould	St. Francis						.51							.14	.53		1.10		T.				.07	.16		.57	.13	T.	.52	.01			3.74
Parkin [2]	St. Francis						.64	.40							.74		1.15									1.19	3.22		1.30				8.64
Perryville [2]	Arkansas						3.45							.51	.02		.25							.11	.01	.28	.01		2.86	.39			7.89
Pine Bluff [2]	Arkansas		.01				1.22	.10						T.	.30	T.	1.40							.01		.26	.47		4.08	T.			7.85
Pine Ridge [2]	Ouachita						1.92							.22	.61		.68							.16	.34	.78	.03		.74				5.48
Pocahontas	White		.02				.77							.14	.60	.20	.47		.06					.33	T.	.01	.44		.01	.11			3.16
Portland [2]	Ouachita						1.02	.53							.25		1.05										.81		1.23				4.89
Prescott [2]	Ouachita						3.34							.09	.05		.62									.80	.36	.05	1.82				7.13
Ratcliff [2]	Arkansas																																
Red Star	White						1.83	T.							.13	1.21	.99			.07			.11					.35	.73				5.42
Rogers	White				T.	.54	.11						.05	.59	.22	.28	.26	.22	.23									.06					2.56
Rosebud	Arkansas					1.80							T.	.58		1.00								T.	.22	.15		1.00	.15				4.90
Russellville	Arkansas					.04	1.17							.52	.03	.82	.58							.35	.12	T.		.47	1.21				5.31
St. Charles	White		.08				2.58							.18	.40	T.	1.10								T.	.48	.58	.60	.92				6.92
St. Francis [2]	St. Francis						.30	.12							.57		.85							.37		.22	.35			.15			2.93
Searcy [2]	White						1.06							.03	.98	.03	1.26							15	T.	.68	.65		1.71	.03			6.58
Sheridan	Ouachita					T.	1.12							.37	.03	.23	.04								.25	1.03		.72	2.39				6.18
Shirley [2]	White						4.90							.03	.50	.47							.60				.28		.22				7.00
Siloam Springs	White				T.	.99	.03		T.				.11	.37	.03	.73	.25	.11	.01									.15	.02				2.80
Sparkman	Ouachita																																
Stamps	Red					T.	1.97						T.	.09	.64	1.01							T.		.02	.63	.05	1.22	.12				5.75
Stephens [2]	Ouachita						1.40								.07	.22	.12									.05	.80	.20	1.20				4.06
Steve [2]	Arkansas						1.90								.35		.65										.80		3.30				7.00
Story [2]	Ouachita						1.77							.24	.27		1.94									1.02	.53		.25				6.02
Stuttgart [2]	Arkansas							1.05							.44		1.71									.70		.50	2.20				6.60
Stuttgart Evap.	Arkansas			.04			.95	.19							.42	T.	1.04									.46	55	.02	2.19				5.86
Subiaco [2]	Arkansas						2.14								.32		.45							.40		.23			3.02				6.56
Sugar Grove [2]	Arkansas						2.65							.14	.21		.37							.30		.26			1.97				5.90
Sugar Loaf Mt. [2]	White						1.68							.22	.64		1.20							.11		.20			.50	.06			4.61
Texarkana [3]	Red					.62	1.16						.28	.45	.02	.80							T.		.28	.39	T.	1.34	.15				5.49
Tichnor [2]	White						1.01								.93		1.21									.31	.54		1.10				5.10
Turnpike	Arkansas					.27	1.29						T.	1.33	.14	.52	.08	.04						2.08	.20	.21		.26	.18				6.60
Viola [2]	White						2.56								.04	.89	T.	1.29		.19					.15			T.					5.12
Waldron [2]	Arkansas						1.20							.10	.20		.85									.30		.10	.30				3.05
Walnut Grove	White						.85							.25	1.10		.67			T.				.23	T.	.60	T.		.35				4.05
Warren	Ouachita					.21	1.31							.04	.18	1.60	.02						T.		T.	.80	.56	1.72	1.85				8.29
Whitecliffs [2]	Red						.75							.45	.40	.20	.55									.70	.15	.21	.92				4.33
White Rock	Arkansas					.08	.50						.05	.95	.05	.52	.15	.05	T.				T.		.10			1.35	.45				4.25
Wilson [2]	Mississippi							1.20							.48			1.33								.85	3.20			.25			7.31
Wynne	St. Francis					.89									1.05		1.07									3.85	.18		1.73				8.77

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for March, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.																																
	Mean tem.	50	55	60	62	61	57	50	42	42	44	46	56	56	60	58	62	60	52	50	54	55	58	64	57	57	65	64	66	66	70	70	57.0
	Wind move	38	202	199	201	151	165	120	205	139	119	144	239	28	102	71	107	142	191	153	104	39	69	27	49	159	65	64	119	82	99	29	3.621
Hope Exp. Farm	Evap.	.148	.166	.202	.197	.152		.165	.234	*	.350	.162	.192	.026	.071	.114	.091	.266	.183	.158	.093	.117	.134	.085	.141	.045	.021	.115	.137	.107	.274	.264	4.557
	Mean tem.	52	56	58	64	62	59	54	48	46	46	51	47	57	62	59	59	59	56	55	55	60	59	65	60	59	65	61	64	69	73	72	58.4
	Wind move	32	96	50	60	63	60	69	96	88	20	71	41	55	34	41	29	123	103	68	37	28	30	44	50	43	36	34	39	37	58	36	1,671
Nimrod Dam	Evap.																																
	Mean tem.	46	54	56	60	62	56	52	43	46	48	50	49	56	64	58	57	52	49	54	55	56	58	64	56	60	64	58	61	68	70	70	56.5
	Wind move																																
Russellville	Evap.	.156	.102	.092	.138	.066	.116	.134	.182	.114	.160	.126	.086	.024	.074	.112	.172	.120	.124	.066	.072	.084	.062	.118	.090	.000	.092	.096	.044	.124	.246	.200	3.392
	Mean tem.	52	52	56	66	66	60	52	54	47	52	50	54	58	64	63	60	55	52	54	56	57	62	63	62	62	63	66	65	70	73	70	59.2
	Wind move	53	18	14	34	21	58	28	114	29	46	19	18	23	14	22	35	23	113	52	9	11	10	26	12	7	15	15	18	13	29	16	915
Stuttgart Rice Exp. Farm	Evap.	.114	.135	.151	.200	.117	.088	.042	.186	.109	.127	.096	.141	.140	.086	-012	.073	.289	.056	.092	.047	.070	.093	.123	.102	.050	-008	.147	.032	.046	.135	.192	3,254
	Mean Tem.	54	54	56	60	63	56	52	46	44	43	47	50	54	62	60	60	56	54	52	57	60	60	64	62	62	64	62	68	68	71	70	
	Wind move	50	135	60	105	120	160	60	110	130	70	40	60	130	80	80	70	140	175	115	35	25	30	105	45	20	50	45	65	40	50	40	2,440

Daily Temperatures for March, 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork /	Maximum	64	75	74	72	67	67	68	65	66	64	65	64	61	72	65	69	68	56	59	61	73	71	73	68	65	80	71	70	83	85	85	69.2
	Minimum	37	33	40	54	55	42	33	36	24	39	31	50	50	51	48	44	43	45	45	47	40	52	58	52	52	53	55	54	51	52	51	45.7
Arkadelphia /	Maximum	70	78	81	72	69	70	73	57	67	64	70	65	66	76	63	75	69	64	62	61	76	75	78	62	61	83	64	73	87	91	91	71.4
	Minimum	39	32	41	55	59	49	36	41	29	31	31	32	42	54	52	49	51	49	48	48	43	44	53	55	55	55	57	53	53	53	54	46.5
Ashdown /	Maximum	73	80	78	75	71	69	73	60	69	67	69	82	85	70	70	74	67	63	67	65	74	68	76	66	66	75	73	76	86	93	88	73.2
	Minimum	34	33	39	49	58	50	34	44	26	33	31	41	52	47	51	44	51	45	48	42	47	51	57	54	53	53	57	52	51	50	53	46.1
Batesville Air	Maximum	67	75	75	72	70	68	65	47	61	56	61	66	64	69	65	71	65	58	55	61	71	69	78	65	65	78	71	71	85	83	84	68.1
	Minimum	41	33	42	56	56	44	36	34	28	35	32	48	49	54	51	50	45	48	47	46	42	51	54	50	54	54	57	58	51	56	53	46.9
Batesville, Livestk /	Maximum	66	74	75	71	68	66	65	45	55	60	61	63	63	68	68	70	70	60	54	59	69	70	76	64	65	77	71	72	82	82	89	67.7
	Minimum	35	36	45	54	54	48	34	40	28	28	31	47	52	52	51	52	50	48	45	48	41	47	53	50	50	55	56	59	50	59	50	46.7
Bee Branch	Maximum	62	70	74	71	65	65	63	63	60	56	60	66	58	70	70	67	65	57	54	59	68	69	70	69	64	77	77	72	81	83	81	67.3
	Minimum	38	31	36	53	54	47	32	37	23	35	27	38	50	54	50	46	41	47	45	47	38	46	51	49	52	54	56	58	50	58	54	45.1
Benton /	Maximum	67	76	..	..	71	69	69	54	64	59	66	67	62	73	62	71	66	60	57	63	74	73	77	62	67	81	63	71	62	87	86	68.2
	Minimum	24	26	27	33	35	49	34	33	23	23	27	27	39	52	47	49	39	40	41	47	38	38	51	52	53	52	55	52	49	41	48	40.1
Bentonville /	Maximum	59	73	75	67	68	62	68	47	64	56	67	56	57	70	70	58	55	56	53	60	71	61	70	69	73	76	69	79	84	81	88	66.5
	Minimum	38	34	36	54	54	47	34	30	27	28	31	42	47	46	46	46	42	42	43	47	43	47	52	50	52	52	54	53	52	52	53	44 3
Bethesda /	Maximum	66	74	75	71	68	66	65	45	55	60	61	66	63	68	65	70	70	57	54	59	69	70	76	64	64	77	71	72	82	83	89	67.6
	Minimum	33	36	45	54	54	48	34	40	28	28	31	47	50	52	51	53	50	48	45	48	41	47	53	50	50	53	56	59	50	59	50	46.5
Bluff City	Maximum	70	77	79	76	70	70	72	66	65	63	68	64	65	72	68	73	71	64	64	65	74	73	76	71	66	75	69	75	84	90	88	71.7
	Minimum	45	38	48	50	60	50	38	40	30	45	36	43	55	54	55	45	53	49	45	45	46	53	61	54	58	55	59	52	55	60	56	49.5
Blytheville	Maximum	67	70	77	73	..	65	65	53	59	54	62	70	72	70	80	75	72	62	55	60	75	74	78	71	63	70	75	65	80	80	82	69.1
	Minimum	40	37	44	55	..	52	40	39	29	41	32	42	54	57	52	52	52	48	50	48	45	54	56	53	55	58	54	60	54	59	58	49.0
Booneville	Maximum	67	79	74	75	70	65	72	67	70	63	69	65	61	74	69	72	66	52	60	62	72	68	71	66	70	75	70	77	88	88	89	70.5
	Minimum	45	29	42	59	62	51	33	37	24	37	36	49	53	51	56	46	47	46	46	49	46	54	53	52	55	48	57	55	50	55	55	47.7
Brinkley	Maximum	70	74	78	73	72	69	66	52	61	65	63	67	69	70	68	72	65	63	58	60	72	72	77	68	65	79	65	68	81	83	84	69.3
	Minimum	39	31	45	55	55	50	36	38	27	36	31	42	55	55	52	52	51	51	49	44	42	50	54	54	56	55	58	59	53	56	57	48.1
Camden	Maximum	70	78	77	77	75	71	73	68	66	65	68	67	66	72	70	74	74	74	66	68	76	74	76	73	67	75	64	77	85	91	89	73.1
	Minimum	40	34	45	46	47	49	36	40	30	42	37	44	57	53	51	49	48	48	45	51	43	49	60	54	58	50	58	52	52	53	57	47.7
Camp Robinson	Maximum	68	76	75	71	70	70	65	60	64	57	62	68	62	75	65	73	64	60	58	63	72	73	77	63	67	78	64	69	84	85	86	69.2
	Minimum	42	34	51	51	56	49	36	36	27	39	34	42	54	59	54	54	50	48	48	46	42	53	58	55	56	..	59	56	55	62	58	48.8
Conway	Maximum	68	76	77	73	69	70	70	61	65	60	65	69	62	75	69	72	65	60	58	58	73	72	75	66	67	81	74	72	85	87	87	70.4
	Minimum	40	32	42	47	56	50	36	40	27	40	33	45	53	54	53	45	45	48	48	50	41	53	48	54	55	51	60	58	53	53	54	47.2
Corning	Maximum	68	72	77	75	72	69	65	60	59	79	60	69	71	68	73	73	69	62	58	63	72	71	76	70	64	76	75	71	85	83	83	70.6
	Minimum	41	35	43	56	55	51	36	39	28	39	31	45	51	57	52	58	59	47	49	49	44	54	53	49	55	59	55	61	54	57	54	48.9
Crossett	Maximum	70	76	76	72	73	71	72	66	66	65	67	67	69	73	70	80	75	66	63	69	74	71	77	74	72	67	67	75	85	92	89	72.5
	Minimum	32	31	37	51	59	50	33	45	26	32	29	37	55	55	50	54	49	46	41	47	41	46	53	55	61	56	53	50	53	55	51	46.2
Cummins Farm	Maximum	71	76	77	73	72	71	66	59	64	57	65	63	64	72	68	75	66	65	58	62	71	69	78	70	69	73	69	70	83	85	84	69.8
	Minimum	37	34	43	48	57	51	57	44	29	41	32	33	38	54	52	55	54	49	45	50	45	49	58	56	58	55	46	51	61	58	59	48.4
Dardanelle	Maximum	67	77	77	74	72	70	71	70	69	66	69	68	63	76	75	71	69	56	61	62	73	73	74	72	69	79	77	76	87	90	90	72.4
	Minimum	43	32	39	57	61	50	36	38	27	38	35	47	53	54	56	48	50	48	47	51	42	52	55	54	55	53	57	56	51	57	56	48.3
De Queen	Maximum	69	77	76	73	69	68	70	64	62	66	67	62	65	66	67	72	65	60	67	64	65	72	74	70	67	76	72	72	85	93	90	70.5
	Minimum	39	31	38	57	61	50	34	38	26	38	35	53	53	47	56	46	50	46	45	53	53	48	50	53	55	56	60	53	51	50	57	47 8
Des Arc	Maximum	70	74	79	74	71	71	68	66	62	58	62	68	65	74	71	69	73	63	60	60	72	71	79	73	66	78	75	71	83	83	84	70.7
	Minimum	42	36	45	53	57	49	48	40	29	42	35	46	55	54	54	56	51	47	48	49	44	61	55	54	54	54	54	58	53	58	57	49.6
Devils Knob	Maximum	58	69	69	62	61	59	60	58	69	56	58	55	53	64	63	60	..	57	50	57	63	64	65	..	67	74	69	70	79	79	79	63.7
	Minimum	42	38	53	50	53	45	39	28	27	27	35	44	47	50	50	48	..	39	38	45	43	52	48	..	48	51	55	51	56	57	57	45.4
Dumas	Maximum	72	76	79	76	76	73	73	70	68	50	65	67	70	70	70	77	72	70	57	65	73	71	72	79	72	73	73	72	85	85	87	72.0
	Minimum	30	38	46	50	53	51	50	40	30	40	32	40	48	50	51	56	50	47	45	51	44	51	52	53	58	57	56	52	56	55	56	48.0
El Dorado	Maximum	69	77	75	72	73	68	71	55	65	64	67	63	65	74	66	73	65	64	61	65	75	71	78	67	70	70	61	73	85	90	89	70.4
	Minimum	39	39	45	50	58	50	36	40	31	41	34	42	51	55	54	41	50	46	45	48	40	49	50	53	51	54	56	52	53	58	55	47.3
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	60	71	74	71	66	64	67	62	64	58	67	60	55	69	71	60	57	49	50	56	71	72	71	67	75	78	68	78	81	80	87	67.1
	Minimum	45	40	57	55	59	49	36	31	28	28	36	50	49	52	54	45	45	41	41	45	44	57	52	51	51	54	55	57	55	57	55	47.5
Fayetteville	Maximum	58	72	74	68	67	58	68	60	64	57	66	59	56	70	70	59	58	45	52	62	70	70	69	66	72	72	67	78	83	81	86	66.4
	Miuimum	43	37	51	54	57	49	33	31	26	28	34	51	51	46	54	45	44	41	41	47	46	56	52	49	54	54	55	53	50	57	50	46.4
Fayetteville Exp. S	Maximum	60	71	72	67	66	64	65	64	64	61	64	62	56	68	68	61	53	45	54	59	68	69	67	64	70	72	71	76	82	80	85	66.1
	Minimum	46	34	49	52	58	47	32	29	25	25	29	49	48	42	51	43	45	39	39	44	41	52	48	48	52	49	53	51	49	52	48	44.2
Fordyce	Maximum	70	78	80	73	70	71	72	62	66	64	68	65	66	74	64	75	70	66	59	67	75	73	77	72	66	78	72	75	86	92	89	72.1
	Minimum	43	39	49	51	58	50	42	41	33	41	35	43	57	54	53	52	54	50	46	50	45	52	60	55	55	54	60	52	54	57	58	49.8
Fort Smith	Maximum	62	76	74	72	68	60	72	52	68	60	71	58	59	69	65	68	57	50	60	62	73	71	69	63	74	74	65	81	87	86	92	68.3
	Minimum	37	32	41	54	56	42	38	32	28	38	35	50	52	54	49	45	50	47	46	49	48	56	55	52	55	52	57	57	55	58	57	47.6
Gilbert /	Maximum	78	76	76	71	72	68	70	50	65	56	64	65	60	71	72	71	63	61	55	60	71	73	74	65	59	83	69	86	86	84	86	69.7
	Minimum	20	23	24	30	57	46	28	30	20	20	22	24	48	49	42	44	38	46	44	44	36	38	46	42	52	44	46	54	42	44	43	38.3
Grannis	Maximum	67	76	77	72	68	65	68	63	66	62	68	58	63	64	66	69	61	55	62	64	70	65	70	62	65	76	66	75	84	88	86	68.4
	Minimum	37	38	43	54	58	45	33	35	27	38	34	47	50	48	53	43	47	44	43	48	44	41	57	52	54	54	58	53	52	57	58	46.6
Gravette	Maximum	57	70	74	67	66	63	68	66	65	55	66	67	66	67	68	62	52	45	52	59	70	68	68	68	72	74	69	79	83	81	87	66.9
	Minimum	45	28	47	55	59	45	34	30	23	25	35	40	48	46	54	43	44	40	41	42	44	55	47	49	53	53	54	52	49	52	55	44.7
Green Mountain	Maximum	66	73	74	69	65	70	65	58	60	59	60	67	59	67	71	74	68	55	53	57	69	69	74	75	66	78	72	74	82	80	83	68.1
	Miuimum	45	39	52	53	55	46	40	34	30	32	35	46	47	54	45	45	48	44	42	44	44	53	51	51	51	54	57	56	56	55	56	47.1
Harrison	Maximum	65	72	76	69	64	65	66	55	63	58	66	60	57	71	69	64	60	48	51	58	70	74	71	65	70	77	78	75	84	82	86	67.4
	Minimum	46	32	36	56	58	50	31	34	23	31	48	49	49	54	50	49	48	43	43	46	41	54	53	46	54	46	47	57	49	60	48	46.2
Helena	Maximum	68	70	70	72	71	70	66	62	60	59	61	66	68	68	74	75	73	59	57	60	71	71	76	73	69	72	68	66	79	81	83	69.0
	Minimum	42	38	48	49	55	51	38	45	32	36	34	45	56	54	55	59	53	48	48	48	43	52	54	55	57	56	58	55	54	58	59	49 5
Hope /	Maximum	70	76	79	74	67	69	71	57	65	64	67	63	65	71	64	72	65	63	64	65	74	71	75	65	65	76	64	74	85	90	88	70.3
	Miuimum	34	36	38	54	55	49	36	38	28	31	35	31	49	53	53	46	53	49	46	45	45	47	55	56	63	54	58	53	53	56	55	46.6
Hot Springs	Maximum	66	77	76	74	69	68	71	70	66	64	69	68	60	73	69	70	64	57	59	65	73	73	75	69	68	85	72	75	86	90	92	71.4
	Miuimum	44	43	51	55	57	48	40	38	31	40	37	44	53	52	58	49	48	46	46	48	45	56	60	52	53	55	55	53	56	57	57	49.3
Jonesboro	Maximum	68	72	76	73	72	68	66	58	60	54	61	68	70	68	72	73	66	61	56	59	72	70	76	70	62	76	73	67	83	79	83	68.8
	Minimum	37	37	49	55	52	50	37	39	32	39	31	40	50	55	50	56	47	47	48	48	43	53	54	52	53	56	54	58	53	59	54	48.1
Lead Hill	Maximum	76	73	75	71	69	67	68	60	64	58	66	63	60	71	71	64	59	51	55	60	71	75	73	65	71	78	70	76	84	82	84	68.7
	Minimum	36	25	29	50	58	50	28	..	21	32	30	39	49	51	45	49	45	45	45	47	37	47	47	43	54	46	50	54	45	50	45	43.1
Little Rock	Maximum	66	76	75	71	71	70	65	54	64	57	62	66	62	73	63	72	64	57	57	61	71	73	77	61	66	76	64	69	84	86	84	68 3
	Minimum	43	38	50	54	55	51	39	40	32	43	37	43	56	55	54	55	49	50	49	50	45	56	61	56	57	56	56	55	57	61	60	50 4
Lutherville	Maximum	64	72	75	71	68	61	66	65	65	60	64	60	59	69	62	68	60	52	57	60	69	66	69	62	67	75	68	73	84	83	85	67.1
	Minimum	34	39	43	55	59	49	35	36	27	36	34	44	51	50	54	49	48	46	45	47	43	62	51	50	52	55	56	54	50	55	57	47.3
Magnolia	Maximum	72	79	77	75	74	71	73	76	68	65	67	65	67	74	71	75	67	66	65	66	74	74	69	79	66	70	69	75	86	90	88	72.7
	Minimum	44	38	47	50	53	51	38	40	29	42	40	46	57	51	55	47	57	40	45	50	48	52	61	56	60	55	59	53	54	54	58	49.4
Mammoth Spring	Maximum	67	72	78	76	78	69	63	61	60	58	61	66	66	68	69	70	64	56	55	58	72	73	72	65	65	78	76	75	85	83	84	69.1
	Minimum	42	28	38	36	32	50	32	37	24	27	34	45	48	55	45	55	42	51	47	47	38	49	55	45	54	57	51	61	47	49	50	44.2
Marianna /	Maximum	69	71	76	71	70	56	67	52	60	54	60	65	68	69	73	74	74	61	56	59	71	72	76	70	67	73	67	69	81	81	85	68.3
	Minimum	41	34	43	48	54	51	37	43	29	38	32	43	54	55	43	57	51	47	49	49	43	50	55	54	56	56	55	58	54	56	57	48.1
Marked Tree /	Maximum	69	74	77	74	72	68	66	57	61	55	61	68	70	71	74	75	70	63	56	61	74	72	81	67	62	76	73	65	83	79	85	69.6
	Minimum	32	35	35	45	51	50	38	38	32	32	31	32	42	55	50	54	51	48	48	48	44	45	51	52	53	52	54	55	53	54	57	45.7
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mena	Maximum	64	76	76	70	65	66	69	62	67	61	66	57	60	72	66	69	61	50	58	63	72	65	70	63	65	75	63	75	84	87	89	67.9
	Minimum	46	37	48	54	59	45	32	34	28	37	33	45	50	47	53	44	46	43	43	47	44	54	57	51	52	54	56	52	52	56	55	46.9
Monticello	Maximum	71	76	76	73	71	68	68	58	65	59	65	65	65	73	67	78	69	64	57	66	74	73	78	68	71	72	64	73	84	88	86	70.5
	Minimum	39	36	43	49	58	48	40	38	30	40	36	43	56	55	56	50	56	46	46	50	46	52	58	58	58	57	55	52	56	55	61	49.1
Morrilton /	Maximum	65	74	76	73	67	68	69	51	65	60	65	65	61	74	65	70	61	55	58	61	71	72	71	61	67	80	65	71	84	87	86	68.3
	Minimum	34	35	37	43	58	51	37	40	28	31	33	31	47	52	53	46	49	49	47	48	42	45	55	54	55	51	51	51	54	56	57	45.8
Mountain Home	Maximum	70	75	77	74	69	68	69	60	66	63	67	68	60	71	72	69	64	60	57	63	71	74	73	68	69	80	72	77	86	81	83	70.2
	Minimum	44	29	39	55	57	47	31	35	24	34	28	43	49	54	49	53	48	44	45	47	38	50	48	47	54	59	55	58	49	60	51	45.9
Mt. Ida	Maximum	68	76	78	75	70	69	70	66	68	72	66	62	63	73	67	70	65	57	58	63	73	69	75	67	67	83	63	74	85	88	88	70.6
	Minimum	47	32	34	57	60	46	28	38	19	39	24	51	51	51	49	40	41	46	46	48	36	51	56	51	56	51	54	54	46	46	47	45.0
Nashville	Maximum	69	77	78	75	69	70	70	64	66	64	67	62	64	70	66	72	75	60	65	65	73	67	74	66	67	77	69	74	84	90	87	70 8
	Minimum	37	31	36	56	61	50	34	39	26	39	33	50	53	50	55	44	51	46	46	51	46	51	59	54	55	52	59	53	51	50	58	47.6

Daily Temperatures for March, 1946 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	68	75	78	74	71	68	68	58	63	58	62	67	67	70	69	72	65	59	58	61	73	75	78	67	63	79	75	68	85	87	86	69.9
	Minimum	41	34	46	56	56	52	39	43	29	41	33	42	52	56	52	57	48	50	49	50	45	52	58	52	55	56	57	61	54	55	58	49.3
Nimrod Dam....../	Maximum	65	77	75	74	67	64	70	52	68	62	69	65	60	75	63	70	59	51	61	63	74	72	72	62	68	80	63	72	86	88	87	68.8
	Minimum	27	32	36	47	58	48	33	34	25	33	31	33	51	52	50	44	45	47	46	47	39	45	55	51	53	49	53	50	50	53	53	44.2
Oden	Maximum	66	78	78	75	66	70	72	61	67	65	70	60	62	75	66	70	62	50	62	65	75	69	72	60	67	80	62	77	86	87	90	69.8
	Minimum	51	32	40	60	55	44	30	36	24	37	30	50	50	52	50	41	44	47	47	47	44	55	53	56	55	55	55	55	50	55	51	46.8
Okay	Maximum	72	79	80	76	72	70	71	71	72	68	69	68	65	70	69	73	72	69	67	66	78	75	76	73	71	76	76	76	84	91	94	73.8
	Minimum	43	32	34	56	61	49	35	39	27	40	34	50	52	49	53	45	50	47	47	41	50	46	59	53	56	53	58	52	56	53	49	47.4
Ozark	Maximum	65	73	56	73	67	65	70	63	68	62	68	61	60	72	67	69	63	52	60	60	71	70	70	70	69	73	74	79	88	87	87	68.8
	Minimum	38	30	37	48	60	48	34	26	26	35	38	48	53	47	56	48	50	48	46	50	48	53	51	52	55	49	50	55	54	51	51	46.3
Paragould	Maximum	65	70	73	71	70	68	61	57	66	53	58	66	69	65	73	70	67	63	57	60	70	69	73	69	65	72	75	68	79	77	78	67.6
	Minimum	35	34	38	54	53	52	36	38	35	39	35	40	51	55	49	58	46	48	50	49	43	52	56	51	55	58	55	60	57	58	57	48.3
Perryville	Maximum	67	77	76	78	71	69	71	64	66	59	68	70	63	75	68	70	65	61	60	62	72	74	73	68	68	81	74	62	85	84	87	70.9
	Minimum	36	29	32	40	58	49	37	38	35	40	30	46	52	49	52	43	42	43	47	49	38	48	56	52	54	48	56	56	51	74	51	46.2
Pine Bluff	Maximum	70	78	76	71	70	71	70	57	66	59	61	66	67	74	64	75	68	64	57	61	76	73	78	70	68	79	70	69	74	89	88	70.3
	Minimum	43	39	39	52	52	52	39	44	31	42	38	41	56	55	53	54	54	48	47	51	45	54	61	57	59	55	60	54	56	59	58	49.9
Pocahontas	Maximum	67	73	78	72	70	70	65	60	58	57	61	67	67	65	70	71	68	62	58	62	71	72	71	71	63	75	75	71	85	83	82	69.0
	Minimum	39	32	37	54	50	50	33	38	25	37	29	41	49	55	48	56	43	47	48	48	41	49	52	49	54	55	54	61	56	52	54	46.3
Portland	Maximum	72	76	75	73	72	70	69	60	63	61	65	72	69	72	71	77	74	68	62	67	73	72	78	75	71	70	67	75	85	90	87	72.0
	Minimum	39	49	44	49	57	51	40	45	32	40	35	42	55	57	52	56	54	47	43	48	45	50	55	57	62	57	60	51	56	60	57	49.8
Prescott	Maximum	69	77	78	74	70	69	71	69	65	63	68	65	66	71	68	73	72	65	64	66	74	73	75	73	65	78	77	75	86	92	91	72.3
	Minimum	43	37	44	53	60	49	38	39	30	40	34	44	54	54	54	47	52	49	46	48	45	54	59	51	56	54	58	51	54	56	58	48.7
Rogers	Maximum	53	73	75	68	68	62	67	57	64	61	66	60	56	70	71	60	54	45	52	59	70	70	69	72	73	74	70	80	83	80	86	66.7
	Minimum	26	36	44	54	59	46	33	30	25	28	32	50	48	46	54	44	44	40	41	46	43	54	50	52	53	51	55	54	52	53	53	45.0
Russellville	Maximum	68	75	76	74	70	68	71	70	68	66	68	65	62	74	72	71	61	55	60	62	72	71	72	71	69	77	75	74	87	88	87	70.9
	Minimum	37	30	36	58	61	51	34	38	26	39	31	42	53	54	54	49	49	48	47	50	42	52	54	53	55	49	57	56	54	58	54	47.5
St. Charles	Maximum	71	74	76	72	72	73	68	64	61	60	62	65	64	72	72	75	76	65	63	62	72	71	78	75	71	75	72	70	82	84	85	71.0
	Minimum	43	34	48	52	56	48	38	44	29	40	38	42	54	52	52	58	56	46	48	45	46	58	52	54	56	54	56	52	56	58	55	49.0
Searcy	Maximum	69	75	79	72	70	70	70	60	63	59	65	69	64	73	65	73	67	62	57	60	75	72	76	68	65	82	73	70	85	84	86	70.3
	Minimum	38	33	38	55	54	50	36	38	29	39	31	42	57	55	52	54	46	49	48	49	42	50	56	53	55	55	60	59	54	56	55	48.0
Sheridan	Maximum	68	77	76	72	70	72	70	64	65	60	67	67	62	73	64	75	66	60	57	63	74	73	78	69	66	79	78	70	85	87	87	70.8
	Minimum	40	34	42	51	55	51	34	41	26	39	29	34	55	53	49	52	45	46	45	47	39	49	58	51	54	54	58	52	53	53	55	46.6
Siloam Springs	Maximum	57	72	73	67	66	58	69	62	66	56	68	60	56	68	70	60	53	46	53	62	69	68	70	69	72	74	77	79	83	81	86	66.8
	Minimum	50	33	50	55	57	47	34	31	26	28	33	48	41	39	46	43	45	32	33	39	46	55	49	50	50	54	53	52	50	54	53	44.4
Stuttgart	Maximum	70	75	79	78	70	70	66	55	62	56	62	67	65	72	66	73	66	63	56	61	70	73	79	70	67	76	72	75	81	84	83	69.7
	Minimum	39	38	47	47	55	51	40	45	30	42	35	39	54	54	53	56	52	49	50	50	45	45	56	57	57	55	59	54	55	57	59	49.2
Stuttgart Evap..../	Maximum	69	73	74	72	74	61	66	53	59	55	61	64	63	70	67	71	59	60	55	64	70	69	77	69	67	75	68	70	81	83	83	67.8
	Minimum	38	34	42	49	52	51	37	39	30	31	35	37	45	53	54	50	52	47	50	50	50	50	50	56	58	54	56	55	54	60	58	47.6
Subiaco	Maximum	65	70	73	70	70	63	70	64	66	61	64	61	59	66	65	70	65	52	55	60	69	67	69	65	70	71	68	72	83	84	87	67.5
	Minimum	44	35	41	57	60	53	36	37	28	36	35	50	51	50	55	49	50	46	45	49	46	57	53	51	54	52	56	54	53	61	58	48.5
Texarkana	Maximum	70	77	74	72	69	68	70	57	67	67	68	62	65	70	70	71	64	62	64	65	73	67	74	65	66	74	71	74	85	90	87	70.3
	Minimum	46	38	51	57	55	48	41	38	32	41	40	51	52	50	52	50	51	46	48	46	50	56	61	55	57	57	54	53	55	57	60	49.9
Turnpike	Maximum	61	70	73	63	62	62	63	57	60	55	58	55	55	66	60	62	58	62	57	63	67	67	68	62	61	76	65	71	80	79	85	64.6
	Minimum	43	40	52	51	55	45	40	31	30	29	36	45	47	51	52	47	44	44	34	38	42	51	53	49	49	52	56	53	59	61	57	46.3
Waldron	Maximum	66	77	75	73	..	..	..	52	68	65	70	62	60	73	67	70	69	53	58	62	75	69	70	65	69	72	69	78	86	86	89	69.6
	Minimum	48	27	37	58	60	46	31	37	23	39	28	51	51	52	55	46	44	45	45	48	44	57	53	52	53	51	55	54	49	54	49	46.5
Warren	Maximum	72	77	76	73	76	73	71	65	66	62	67	67	68	73	68	77	69	63	60	67	75	73	75	70	71	76	69	73	85	89	88	72.1
	Minimum	41	38	48	53	56	52	38	43	30	43	34	40	58	56	52	54	57	50	45	52	44	53	60	58	61	55	57	54	58	66	56	50.4
White Rock	Maximum	59	71	68	62	61	58	65	50	52	56	61	59	53	65	62	60	54	46	52	58	65	64	60	59	64	71	68	74	80	80	81	62.5
	Minimum	42	37	51	48	52	45	44	28	34	48	37	44	46	46	48	41	40	39	36	41	42	52	50	49	46	50	52	49	54	58	58	45.4
Wilson	Maximum	66	74	75	77	74	72	66	59	58	60	62	70	74	76	77	80	82	61	63	65	74	74	76	79	77	74	74	67	80	80	84	71.9
	Minimum	38	36	38	40	41	49	36	32	28	30	29	41	48	48	46	45	47	45	41	41	45	50	50	48	48	52	51	57	52	53	53	44.0
Wynne ..../	Maximum	71	75	77	72	70	63	68	42	62	60	64	68	72	72	69	74	55	60	56	59	73	73	61	58	66	66	77	64	67	74	73	66.5
	Minimum	37	45	51	55	51	38	30	30	30	32	44	52	55	55	57	52	50	49	49	44	47	52	48	43	46	56	56	59	53	57	56	47.7

Daily River Stages for March, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	8.7	8.2	7.9	7.6	7.4	7.1	7.8	8.0	8.0	7.6	8.6	8.2	7.2	7.3	8.6	9.6	10.6	10.3	9.8	10.0	10.4	10.3	9.7	9.6	8.9	9.1	9.4	9.6	10.4	12.4	12.2
Van Buren	do	22	9.6	9.1	8.8	8.4	8.2	7.9	8.4	8.8	8.9	8.0	9.4	9.1	8.1	8.2	9.2	10.5	11.2	11.1	10.7	10.9	11.2	11.3	10.8	10.7	10.0	10.0	10.3	10.6	11.1	12.9	13.0
Danville	Petit Jean	20	6.0	5.6	5.4	5.2	5.0	12.1	21.1	21.1	18.5	14.4	10.1	8.2	7.3	7.8	8.4	12.8	14.2	12.8	10.3	8.9	8.0	7.5	7.0	9.2	8.8	9.0	8.5	19.6	22.2	22.2	20.5
Ozark	Arkansas	22	5.7	5.2	4.8	4.4	4.2	4.0	4.3	4.7	5.1	4.6	4.7	5.1	4.8	4.1	4.7	6.4	7.2	7.6	7.2	6.9	7.0	7.3	7.2	6.8	6.3	6.0	6.0	7.7	7.5	8.1	9.3
Dardanelle	do	22	8.3	7.6	7.2	6.8	6.4	8.2	8.0	7.4	7.5	7.4	6.9	7.2	7.3	7.0	7.0	8.6	10.0	10.1	9.9	9.3	9.1	9.3	9.5	9.9	9.3	8.7	8.4	10.9	11.2	10.6	11.8
Morrilton	do	20	4.1	3.1	2.4	1.9	1.4	2.0	4.8	3.5	3.4	2.2	2.8	2.8	2.0	2.7	2.4	2.7	5.2	5.6	5.7	5.2	4.6	2.2	4.6	5.2	4.8	4.1	3.6	4.6	7.3	6.9	7.2
Little Rock	do	23	7.1	6.3	5.7	5.3	4.9	5.2	7.5	8.1	7.5	7.2	7.0	6.5	6.1	6.1	5.7	5.5	6.1	7.4	7.6	7.5	7.1	6.8	6.6	6.7	7.2	6.9	6.4	7.2	9.6	10.0	9.5
Pine Bluff	do	25	10.6	9.5	8.5	7.8	7.3	7.0	8.4	10.8	10.8	10.1	9.8	9.4	8.8	8.6	8.3	8.1	7.9	9.2	10.7	10.3	10.0	9.5	9.1	9.1	9.4	9.9	9.5	9.9	11.3	13.0	12.8
Gilbert	Buffalo	30	4.8	4.8	4.8	4.6	4.6	10.6	7.8	6.5	6.2	6.0	5.8	5.7	5.3	5.6	6.4	6.4	7.8	6.5	6.1	5.9	5.8	5.7	5.4	5.4	5.3	5.2	5.1	5.0	5.0	5.0	5.0
Black Rock	Black	14	18.4	17.6	16.3	15.8	14.7	13.6	20.9	21.1	19.7	18.0	17.7	16.9	16.1	15.5	16.3	16.1	16.8	16.7	16.1	15.7	15.1	14.5	13.9	13.5	13.0	12.9	12.7	12.2	11.8	11.2	10.8
Forsyth, Mo.	White	30	6.2	6.2	4.2	4.7	4.0	4.1	4.3	3.5	4.8	4.6	3.2	2.6	2.4	1.7	2.5	4.9	6.2	6.3	7.5	7.0	6.7	6.4	6.2	6.0	5.7	5.7	3.4	4.5	4.5	3.8	6.2
Cotter	do	21	5.8	5.6	5.4	5.3	4.6	7.1	5.7	5.2	4.9	4.6	4.9	4.6	4.4	4.6	4.5	4.4	4.5	5.9	5.9	6.3	6.5	6.1	6.0	5.8	5.5	4.9	5.0	4.6	4.6	4.5	4.5
Calico Rock	do	18	6.3	6.0	5.8	5.6	4.7	6.8	10.8	9.0	8.0	7.7	7.4	5.5	5.4	5.5	6.0	7.2	8.0	7.3	6.9	6.4	8.1	5.9	5.8	5.9	7.3	5.2	5.0	4.7	4.4	4.4	4.9
Batesville	do	23	12.4	12.0	11.3	11.3	10.9	18.5	17.7	16.8	15.0	13.9	13.7	13.1	11.4	12.0	12.3	15.6	14.4	14.3	14.3	13.6	12.5	13.1	12.5	12.3	12.9	12.6	11.6	11.9	11.0	11.3	11.0
Newport	do	26	20.7	20.0	19.3	18.8	18.0	17.2	20.7	21.4	21.2	20.8	20.5	20.2	19.4	18.6	18.3	18.6	19.7	19.9	19.7	19.4	18.9	18.7	18.1	17.5	17.1	17.3	16.1	15.4	15.0	14.1	13.7
Augusta	do	32	31.7	31.6	31.4	31.2	31.0	30.8	30.8	31.1	31.4	31.5	31.5	31.4	31.4	31.2	30.0	31.0	31.0	31.1	31.2	31.2	31.1	31.0	30.7	30.7	30.5	30.4	30.2	30.0	29.7	29.2	28.7
Sugar Loaf Mt.	Little Red	..	5.5	5.4	5.2	5.1	4.9	7.5	27.5	12.7	9.3	8.1	7.4	6.6	6.5	6.5	7.5	8.9	9.1	8.9	7.2	6.8	6.4	6.1	6.0	7.0	7.7	7.2	6.9	6.8	7.1	6.8	6.5
Georgetown	White	21	23.0	22.6	22.3	22.0	21.7	21.4	21.5	22.1	22.7	22.7	22.5	22.2	22.0	21.9	21.8	21.8	21.9	21.9	21.8	21.7	21.6	21.5	21.4	21.3	21.2	21.1	21.0	21.1	20.9	20.6	20.3
Des Arc	do	24	25.6	25.2	24.7	24.3	23.9	23.8	23.6	23.4	23.7	24.2	24.5	24.5	24.2	24.0	23.7	23.7	24.1	23.7	23.8	23.7	23.6	23.5	23.4	23.2	23.2	23.5	23.5	23.4	23.7	23.7	23.3
Clarendon	do	26	29.2	29.0	28.8	28.6	28.4	28.2	28.0	27.7	27.5	27.4	27.4	27.5	27.5	27.6	27.6	27.7	27.7	27.5	27.4	27.4	27.4	27.4	27.3	27.2	27.3	27.4	27.5	27.8	27.9	27.9	27.9
St. Charles	do	25	27.3	27.4	27.3	27.2	26.9	26.8	26.6	26.4	26.3	26.0	25.9	25.9	25.8	25.8	25.7	25.8	25.9	25.9	25.9	25.9	25.9	25.8	25.7	25.6	25.6	25.7	25.7	25.9	25.9	26.0	26.2
Glenwood	Caddo	..	5.2	5.2	5.2	5.1	3.1	7.4	6.1	5.9	5.6	5.5	5.4	5.4	5.4	5.6	5.5	7.2	6.4	6.0	5.8	5.7	5.6	5.4	5.4	5.5	7.4	7.6	6.9	7.6	7.2	6.6	6.1
Arkadelphia	Ouachita	17	7.6	7.1	5.4	4.6	6.0	12.7	18.7	15.6	13.9	9.3	7.9	7.9	7.9	9.5	7.8	8.0	11.5	8.4	9.6	8.0	7.7	7.5	7.6	7.3	7.4	12.2	13.4	21.6	24.0	20.1	14.5
Boughton	Little Mo.	20	7.2	6.9	6.7	6.5	6.3	14.6	19.4	17.6	14.5	10.3	8.8	8.0	7.6	7.2	7.9	9.1	14.3	14.2	12.7	12.2	8.5	8.1	7.6	7.3	7.6	11.4	13.7	16.9	17.8	17.4	15.2
Camden	Ouachita	26	17.4	16.6	15.2	14.2	12.0	11.6	16.6	23.8	27.3	29.4	30.2	29.3	27.4	24.6	21.9	20.2	18.2	19.2	20.0	19.7	17.2	17.9	16.0	14.8	14.0	14.0	17.2	21.9	26.4	29.9	32.4
Benton	Saline	20	6.3	6.2	6.1	6.0	5.9	9.0	20.8	11.3	9.3	8.6	8.0	7.5	7.3	7.2	7.1	7.1	7.2	6.9	6.7	6.6	6.4	6.3	6.2	6.0	10.4	16.1	10.7	25.2	21.2	12.2	9.9
Index	Red	25	16.2	15.5	12.2	11.6	11.2	11.2	12.1	12.3	12.0	10.6	11.0	11.0	10.6	10.6	10.2	10.0	11.1	11.6	11.6	11.0	10.0	9.7	9.9	9.9	10.0	14.6	14.6	14.2	16.4	17.4	16.1
Fulton	do	25	19.9	17.4	14.7	13.2	12.4	12.2	13.1	15.3	15.6	15.5	14.8	13.5	12.6	12.0	12.3	13.0	13.4	13.8	13.9	13.5	12.3	11.2	11.0	10.9	10.8	14.9	17.2	17.4	19.6	20.9	20.4
St. Francis	do	18	19.6	19.3	18.9	18.5	17.9	17.2	16.5	15.7	15.1	15.2	15.7	16.0	16.4	16.6	16.7	17.2	17.2	17.0	16.8	16.5	16.1	15.6	15.1	14.5	14.0	13.7	13.7	13.5	13.4	12.9	12.3
St. Francis L.L.	do	..	24.8	24.7	24.6	24.5	24.3	24.2	24.1	23.9	23.8	23.6	23.5	23.3	23.1	23.0	22.8	22.8	22.7	22.6	22.7	22.8	22.8	22.7	22.7	22.6	22.5	22.6	22.5	22.4	22.4	22.3	22.3
Marked Tree	do	17	10.9	10.7	10.5	10.2	10.1	10.0	10.0	10.0	9.5	9.1	8.8	8.5	8.4	8.3	8.2	8.7	8.9	9.0	9.0	8.8	8.5	8.3	8.1	8.0	8.0	9.2	9.5	9.7	9.8	9.8	9.7
Parkin	do	28	21.0	21.1	21.1	21.0	20.7	20.4	20.2	19.8	19.3	18.6	17.8	17.0	16.1	15.8	15.3	15.8	16.6	16.8	16.6	16.0	15.8	14.8	14.4	14.0	14.0	18.1	19.7	20.6	21.1	20.7	20.1
Madison	do	32	25.8	25.8	25.5	25.2	24.7	24.1	23.6	23.0	22.3	21.5	20.7	20.1	19.6	19.8	19.3	19.9	20.3	20.4	20.2	19.8	19.2	18.8	18.6	18.4	18.7	21.6	22.5	24.4	24.4	24.2	23.8
Helena	Mississippi	44	37.5	36.8	35.6	34.3	32.9	31.4	30.0	28.6	27.5	27.1	27.5	28.7	29.8	30.7	31.2	31.7	31.9	31.8	31.5	31.1	31.0	31.2	31.5	31.9	32.3	33.2	34.1	34.7	35.2	35.7	36.0
Arkansas City	do	42	33.1	32.7	32.2	31.6	30.9	30.2	29.6	28.8	28.1	27.5	27.2	27.2	27.5	28.1	28.5	28.8	29.0	29.2	29.2	29.2	29.1	29.1	29.2	29.3	29.5	29.9	30.3	30.9	31.3	31.7	32.3

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould: Devil's Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg: Green Mountain, Calico Rock: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—5-31-1946—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

Vol. LI LITTLE ROCK, ARK., APRIL, 1946 No. 4

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Temperatures averaged more than 3° above normal during the month. It was the warmest April since 1927 and the third warmest since 1891. Unseasonably warm weather prevailed during the first eight days, and most stations recorded the highest temperature of the month on the 1st. After the 10th cooler weather prevailed, and subnormal temperatures were experienced on about half the remaining days of the month. The lowest temperatures of the month occurred on the 13th, or 17th, and were around the freezing point at a few northern stations. Some frost was reported on the mornings of those two days, but crop damage was negligible.

Precipitation averaged slightly above normal for the State as a whole. The distribution was quite uneven however, ranging from less than two inches at some southeastern stations to more than ten inches in the central portion of the State. General rains on the 9th, 15th, and 29th accounted for most of the month's rainfall. On the 29th several stations in the west-central section measured over four inches in a 24 hour period. This excessive rainfall caused quite severe flooding in the Ouachita River Valley, and inundated much bottom land for the seventh time this year.

On the night of April 15th, a severe windstorm caused considerable property damage in the southern section of the State. In the Camden and Prescott areas many trees were blown down, telephone, telegraph and power service disrupted, and some small buildings demolished.

Heavy to excessive rains in many sections of the State during April delayed the planting and cultivation of crops, and necessitated considerable replanting. Crop growth was retarded by cool nights during the middle of the month. An excellent crop of strawberries was being harvested during the last week of April. Prospects for other fruits appeared to be excellent. At the close of the month considerable cotton remained to be planted.

B. N. W.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 78 stations, was 65.0°, which is 3.4° above the 56 year average for April. The highest monthly mean temperature was 68.2° at Magnolia, and the lowest was 61.4° at White Rock. The highest temperature recorded was 94° at Dardanelle and Lead Hill on the 1st, and the lowest was 30° at Mammoth Springs on the 16th and Lead Hill on the 17th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 102 stations, was 5.46 inches, which is 0.44 inch above the 56 year average for April. The greatest monthly total was 12.14 inches at Abbott, and the least was 1.75 inches at Dermott. The greatest amount recorded in a 24 hour period was 6.25 inches at Glenwood on the 29-30th.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:---6,7,8,9,10,11,15,16,22,23,24,25,28,29,30.
High Winds:---1,2,3,5,8,11,15,16,28,29.
Heavy Fog:---9,10,13,17,18,24,30.
Hail:---8,9,11,15,16.

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Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.44	12	29.67	8	7.5	25	sw.	1	85	57	56	62	75
Little Rock	30.46	12	29.76	8	8.9	34	n.	15	82	54	56	73	75
Memphis..	30.45	12	29.75	7	8.6	25	nw.	11	84	53	62	64	79

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	62.8	93	22	2.75	....	8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61.4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	3.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.63	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5 54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64.0	92	29	5.69	T.	10	11	7	12
1930	64.9	96	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2.62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	93	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0 0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
1938	62.1	94	24	4.83	0.1	8	14	7	9
1939	59 3	91	19	7.13	T.	8	13	8	9
1940	59.9	95	18	6.93	T	10	11	7	12
1941	63.7	94	32	5.04	0.0	10	10	10	10
1942	62.8	88	20	8.42	0.0	10	11	9	10
1943	62.9	95	25	3.20	0.0	7	15	8	7
1944	60.1	88	19	6 65	T.	10	10	9	11
1945	62.6	89	23	7.44	T.	13	8	11	11
1946	65.0	94	30	5.46	0.0	8	14	7	9
Period	61.6	99	17	5.02	T.	8	13	8	9

Climatological Data for April, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	9	63.8	......	88	1	36	13	7.21	......	2.25	29	0	8	13	9	8	w.	L. R. Water Works
Arkadelphia	Clark	200	50	65.8	+ 3.4	92	1	37	18	6.98	+1.75	3.32	29	0	7	15	5	10	sw.	W. H. Halliburton
Arkansas City	Desha	145	61	......	......	......	......	......	......	2.93	−1.88	1.15	10	0	7	15	6	9	......	John W. Trammell
Ashdown	Little River	329	2	67.2	......	90	1	39	18	5.23	......	2.07	15-16	0	8	13	9	8	s.	Southwestern G. &
Batesville Airway	Independence	363	10	63.4	+ 4.1	90	1	36	17	8.35	......	2.26	30	0	9	15	6	9	s.	Airway Observer
Batesville Livestk.	Independence	500	5	62.4	......	89	1	33	13†	5.80	......	1.80	23-24	0	8	11	16	3	sw.	University of Arkansas
Batesville River	Independence	277	46	......	......	......	......	......	......	6.74	+1.86	2.10	15-16	0	8	14	8	8	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	62.4	+ 1.7	88	1	34	13†	6.97	+2.00	2.21	23-24	0	7	13	9	8	w.	Minnie Scanlan
Benton	Saline	285	10	61.6	+ 1.1	87	1	33	13	5.42	......	3.33	29-30	0	6	19	6	5	nw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	62.6	+ 4.9	92	1	34	12	4.59	−0.15	1.56	22-23	0	11	11	11	8	s.	E. L. Brown
Bethesda***	Independence	500	6	62.0	......	90	1	31	17	6.02	......	1.96	23-24	0	8	12	9	9	s.	Soil Cons. Service
Big Lake Outlet***	Mississippi	239	15	......	......	......	......	......	......	2.68	−1.14	0.69	23-24	0	9	11	11	8	s.	N. W. Douglas
Black Rock	Lawrence	259	44	......	......	......	......	......	......	3.82	−1.31	1.11	29-30	0	7	8	13	9	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	5	67.8	......	88	1	39	18	3.88	......	1.84	15-16	0	6	13	12	5	ne.	Ark. Forestry Com.
Blytheville	Mississippi	252	20	64.5	+ 3.5	87	21	37	17	3.47	−1.00	1.05	24	0	11	20	3	7	sw.	R. E. Blaylock
Booneville 3 miles w	Logan	465	31	67.1	+ 4.9	93	7	42	5	7.66	+2.87	....	......	0	8	15	5	10	e.	F. H. Randolph
Boughton***	Clark	235	10	......	......	......	......	......	......	4.61	......	1.95	29	0	6	12	9	9	......	Katie B. Moore
Brinkley	Monroe	205	54	64.8	+ 2.8	86	1	35	13	3.78	−1.68	2.24	15-16	0	9	9	7	14	s.	U. S. Weather Bureau
Calico Rock	Izard	361	41	......	......	......	......	......	......	5.91	+1.28	1.60	23-24	0	10	9	5	16	......	William Jones
Camden	Ouachita	116	60	67.4	+ 4.0	89	2	39	13	4.48	−0.31	1.44	24-25	0	6	11	14	5	s.	J. M. Knight
Camp Chaffee	Sebastian	419	2	65.8[a]	......	93[a]	1	41[a]	12†	10.54	......	4.40	23-24	0	10	15	5	10	e.	U. S. Army
Camp Robinson	Pulaski	463	5	65.6	......	90	1†	38	13†	6.85	......	3.29	29	0	7	12	12	6	se.	U. S. Army
Clarendon	Monroe	172	41	......	......	......	......	......	......	2.39	−3.10	1.38	15-16	0	6	12	4	14	......	B. F. Northern
Conway	Faulkner	309	62	65.9	+ 3.7	90	1	36	17	11.26	+6.27	4.34	15-16	0	12	10	13	7	sw.	G. Y. Short
Corning	Clay	293	52	64.0	+ 4.0	87	1†	35	17	2.71	−2.28	0.70	23-24	0	8	17	4	9	sw.	Mrs. Laura Polk
Cotter	Baxter	440	18	......	......	......	......	......	......	6.60	+2.44	2.39	29-30	0	8	13	10	7	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	33	66.8	+ 3.6	88	6	36	13	3.78	−0.85	1.43	24-25	0	6	11	15	4	s.	U. S. Forest Service
Cummins Farm***	Lincoln	176	2	67.0	......	85	1†	41	18	2.92	......	1.50	15-16	0	6	16	10	4	s.	T. C. Cogbill
Danville	Yell	327	29	......	......	......	......	......	......	7.92	+2.83	3.33	23-24	0	9	10	4	16	......	J. A. Moudy
Dardanelle	Yell	330	59	67.6	+ 5.0	94	1	39	17	7.83	+3.45	3.95	23-24	0	6	6	15	9	s.	Geo. N. Goodier
DeQueen	Sevier	426	10	65.6	......	89	2	40	18	6.20	......	3.06	15-16	0	5	16	5	9	......	L. D. McCowan
Des Arc	Prairie	204	7	65.6	......	88	1	37	17	5.30	......	2.37	15	0	6	12	1	17	s	Z. R. Glenn
Devils Knob***	Johnson	2350	9	62.0[h]	......	86[h]	1	35[h]	12	4.72	......	1.75	23-24	0	8	16	3	11	sw.	U. S. Forest Service
Dumas	Desha	162	40	67.8	+ 4.8	90	1	37	13	2.65	−2.11	0.98	15-16	0	7	10	9	11	s.	Ben Johnson
El Dorado	Union	270	45	67.2	+ 2.7	87	1	40	13	4.50	+0.81	1.68	29-30	0	4	17	10	3	s.	Airway Observer
England	Lonoke	229	39	......	......	......	......	......	......	....	......	....	......	....	......	......	......	....	......	O. V. Halbrook
Eureka Springs	Carroll	1465	45	64.1	+ 5.0	91	1	35	12	3.11	−1.85	1.20	23-24	0	9	18	7	5	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	63.6	......	91	1	34	12†	4.49	......	1.60	23	0	10	9	7	14	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	58	62.2	+ 3.3	89	1	32	12	3.68	−0.98	1.23	22-23	0	11	10	13	7	s.	University of Arkansas
Fordyce	Dallas	280	5	68.0	+ 4.4	91	1	40	13†	7.22	+1.77	1.54	15-16	0	8	14	7	9	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	65.3	+ 3.5	92	1	39	17	6.77	+2.83	2.10	15-16	0	8	11	6	13	ne.	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	8	......	......	......	......	......	......	7 06	......	....	......	0	6	17	5	8	......	Ft. Smith Water Dept.
Fulton	Hempstead	260	60	......	......	......	......	......	......	4.86	+0.26	2.44	15-16	0	7	10	12	8	......	Ina J. Logan
Garland	Miller	225	3	......	......	......	......	......	......	5.31	......	1.90	15-16	0	7	12	0	18	......	L. D. Denney
Georgetown, 2 mi, se	White	200	33	......	......	......	......	......	......	6.44	+1.35	3.45	15	0	7	18	0	12	......	J. S. McDonald
Gilbert	Searcy	600	20	61.6	......	93	1	32	13	4.60	−0.41	2.00	23-24	0	7	10	10	10	s.	D. O. Dennis
Glenwood	Pike	547	10	......	......	......	......	......	......	11.37	......	6.25	29-30	0	8	11	4	15	......	C. A. Price
Grannis	Polk	950	26	64.6	+ 4.2	87	1	39	12†	6.01	+0.19	2.68	15-16	0	7	15	5	10	se	W. E. McVay
Gravette	Benton	1250	48	62.8	+ 5.5	91	1	31	12†	3.81	−0.92	1.89	23-24	0	6	11	8	11	sw.	J. A. Schmidt
Green Mountain***	Stone	1100	8	63.2	......	91	1	35	12	5.30	......	1.80	23-24	0	9	12	13	5	s.	U. S. Forest Service
Harrison	Boone	1052	45	61.4	+ 6.6	92	1†	32	17	4.62	−0.03	1.35	23	0	12	14	9	7	s.	J. M. McGaughey
Helena	Phillips	300	73	65.7	+ 3.1	85	7	36	13	3.11	+2.46	1.50	24	0	6	13	2	15	s.	James A. Burnett
Hope 3 miles e.	Hempstead	375	75	66.5	+ 2.7	86	6	39	18	5.44	+0.13	2.35	15-16	0	9	15	3	12	sw.	Univ. of Arkansas
Hot Springs	Garland	600	53	67.7	+ 4.6	90	1	38	17	8.72	+2.69	4.16	29	0	9	16	6	8	s.	National Park Service
Index***	Little River	275	28	......	......	......	......	......	......	6.33	+1.68	2.00	15-16	0	6	27	0	3	......	W. E. McDowell
Jessieville	Garland	750	19	......	......	......	......	......	......	....	......	......	......	......	......	......	......	....	......	U. S. Forest Service
Jonesboro	Craighead	345	50	64.1	+ 2.8	86	1†	36	17	3.51	−1.06	1.38	15-16	0	10	13	7	10	sw.	Benedictine Sisters
Lead Hill	Boone	650	39	62.2	+ 3.4	94	1	30	17	5.69	+1.71	1.16	23	0	10	18	5	7	s.	F. W. Kellogg
Little Rock	Pulaski	257	66	65.6	+ 3.5	89	1	40	13	4.81	−0.38	2.53	29-30	0	7	10	10	10	sw.	U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	47	64.4	+ 4.2	91	1	38	12	5.33	+0.39	1.82	23-24	0	8	18	4	8	s.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	......	......	......	......	......	......	3.88	−0.34	1.95	15-16	0	6	10	1	19	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	68.2	+ 3.3	88	1	39	18	4.85	−0.04	2.26	29	0	4	16	3	11	se.	State Agri. School
Mammoth Spring	Fulton	600	41	61.6	+ 2.3	90	1	30	16	3.08	−2.00	1.27	23-24	0	7	15	11	4	s.	L. A. O'Neal
Marianna	Lee	235	34	65.0	+ 2.5	85	1†	38	13	3.92	−0.22	2.00	15-16	0	5	8	11	11	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	41	63.8	+ 3.1	88	7	38	13†	3.96	−1.69	2.28	15-16	0	10	17	7	6	s.	Chas. Walton
Marshall	Searcy	1050	27	......	......	......	......	......	......	....	......	......	......	......	......	......	......	....	......	Roy Richardson
Mena	Polk	1207	57	64.8	+ 3.2	88	1	37	12	6.92	+1.34	2.53	15-16	0	8	15	4	11	sw.	E. W. St. John
Monticello	Drew	273	5	66.4	......	88	1	40	13†	1.99	......	0.80	24-25	0	8	11	8	11	s.	Airway Observer
Morrilton***	Conway	315	29	64.4	+ 2.7	89	1	39	13	10.15	+5.25	4.52	15-16	0	5	15	5	10	se.	L. A. Dicus
Mountainburg	Crawford	712	8	......	......	......	......	......	......	7.61	......	1.91	23-24	0	8	17	5	8	s.	C. A. Lovell
Mountain Home***	Baxter	800	33	63.4	+ 4.2	93	1	32	17	4.15	−0.49	1.20	23-24	0	9	15	7	8	w.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	64.3	+ 3.3	90	1	31	18	10.35	+4.49	4.32	29	0	10	15	7	8	w.	J. S. Whittington
Mulberry 6 mi. n***	Franklin	433	7	......	......	......	......	......	......	5.77	......	1.67	23-24	0	7	16	4	10	......	H. G. Arvin
Nashville	Howard	350	7	66.4	......	87	1	39	12†	5.04	......	1.85	15-16	0	7	20	4	6	se.	Brice Carruth
Newport	Jackson	231	62	65.8	+ 4.1	91	1	39	13	8.44	+3.51	3.04	15-16	0	9	10	3	17	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	4	64.5	......	91	1	35	13	7.66	......	3.73	15-16	0	8	18	7	5	nw.	U. S. Engineers
Oden, 2 mi. w	Montgomery	800	18	64.4	......	91	1†	35	13†	8.84	+2.90	3.05	15-16	0	8	13	7	10	sw.	U. S. Forest Service
Okay	Howard	288	17	66.8	+ 2.3	91	1	39	13	7.30	+2.74	2.27	16	0	7	15	7	8	s.	J. T. Hargis
Osceola	Mississippi	250	45	......	......	......	......	......	......	3.08	−1.40	0.70	15-16	0	10	14	10	6	......	C. E. Carter
Ozark	Franklin	396	50	65.4	+ 3.6	92	1	39	17	7.24	+2.63	3.00	23-24	0	8	11	7	12	se.	Orkney O. Milton
Paragould	Greene	275	22	63.1	......	85	21	36	13†	2.73	−2.03	0.89	30	0	9	18	8	4	sw.	J. E. Garrett
Parkin, 2mi. w.	Cross	222	15	......	......	......	......	......	......	5.65	+1.40	2.78	15-16	0	6	11	5	14	......	Carroll King
Perryville	Perry	325	6	64.6	+ 4.5	91	1	35	13†	10.35	+5.09	3.85	15-16	0	9	8	11	11	w.	Gordon Bennett
Pine Bluff	Jefferson	215	58	68.0	+ 4.5	90	1	42	13	4.04	−1.39	1.58	9-10	0	6	15	10	5	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	21	......	......	......	......	......	......	7.65	+1.70	1.92	15-16	0	9	16	7	7	sw.	J. R. Huddleston
Pocahontas	Randolph	300	52	63.2	+ 3.0	89	22	34	13	2.78	−2.08	0.96	23-24	0	9	12	8	10	s.	Benedictine Sisters
Portland	Ashley	122	39	67.9	+ 3.3	87	6	42	13	2.32	−2.65	1.05	25	0	5	16	7	7	s.	Mrs. Pearl Newton
Prescott	Nevada	318	57	68.0	+ 4.2	90	1	40	18	4.67	−0.45	2.00	15-15	0	7	15	6	9	sw.	R. P. Hamby
Rogers	Benton	1300	55	62.7	+ 4.0	90	1	34	12	5.30	+0.73	1.90	22-23	0	9	11	10	9	sw.	Howard Fowler
Russellville	Pope	526	33	66.2	+ 5.1	92	1	37	17	8.24	+3.88	4.48	23-24	0	8	8	14	8	e.	U. S. Forest Service
St. Charles	Arkansas	175	12	66.0	......	88	22	39	13	2.62	......	1.18	15-16	0	6	6	20	4	sw.	U. S. Biological Survey
St. Francis	Clay	290	18	......	......	......	......	......	......	2.50	−2.27	0.76	23-24	0	8	19	0	11	......	Wm. S. Buckley
Searcy	White	245	35	65.8	+ 4.6	90	1	39	17	8.69	+3.85	3.20	15-16	0	6	19	3	8	se.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	5	65.3	......	90	1	41	18	6.72	......	2.30	29	0	9	12	9	9	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	63.3	......	91	1	32	17	4.60	......	1.63	22-23	0	7	15	9	6	s.	John Brown Univ.
Story	Montgomery	650	21	......	......	......	......	......	......	6.30	+0.07	2.39	29	0	5	22	1	7	s.	S. C. Story
Stuttgart	Arkansas	214	58	66.4	+ 4.1	87	1	40	17	2.22	−2.76	1.62	15-16	0	6	19	6	5	s.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	10	65.2	......	86	28	37	13	2.43	......	1.45	15-16	0	6	22	5	3	......	University of Ark.

Climatological Data for April, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	47	64.6	+ 2.7	91	1	39	17	8.45	+3.94	2.16	15-16	0	7	16	4	10	s	New Subiaco Abbey
Texarkana	Miller	332	61	68.0	+ 3.8	87	1	44	18	5.90	+0.96	2.38	15-16	0	9	9	6	15	s.	U. S. Weather Bureau
Turnpike***	Pope	2240	21	62.9	......	89	1	36	12	4.37	−0.95	1.03	15	0	9	13	9	8	se.	U.S Forest Service
Waldron	Scott	675	26	65.2	......	90	1	36	13	4.95	−0.32	2.20	15-16	0	7	16	6	8	sw.	William D Bivens
Warren	Bradley	206	51	67.8	+ 4.0	89	1	39	13	2.41	−2.75	1.07	16	0	8	18	6	6	sw.	C. N Turner
Whitecliffs	Little River	290	39	....	......	......	......	......	......	5.24	−0.23	2.02	15-16	0	8	15	5	10	......	L. M. Snead
White Rock***	Franklin	2285	9	61.4	......	86	1	33	12	6.02	......	1.40	29	0	9	20	4	6	se.	U. S. Forest Service
Wilson	Mississippi	237	20	63.4	+ 2.4	86	1	34	17	3.27	−1.49	1.23	9	0	6	19	0	11	s.	D. O. Anderson
Wynne	Cross	167	37	....	......	......	......	......	......	....	......	....	.....	......	......	......	......	......	......	Mrs. C. A. Ford
State Means	....	....	..	65.0	+ 3.4	94	1	30	16†	5.46	+0.44	6.25	29-30	0	8	14	7	9	s.	

Daily Precipitation for April, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
Abbott[2]	Arkansas	....	....	....	....	....	....	....	T.	....	.76	....	....	....	....	....	2.25	.18	....	....	....	....	....	T.	5.90	.25	....	....	....	.30	2.50	12.14
Alum Fork Reser.	Arkansas	....	....	....	....	....	T.	....	T.	.14	.12	....	....	....	....	.07	1.67	....	....	....	....	....	....	1.30	1.10	....	....	....	....	2.25	.56	7.21
Aplin[2]	Arkansas	....	....	....	....	....	....	....	....	....	.40	.07	....	....	....	....	3.40	.03	....	....	....	....	....	....	2.35	.13	....	....	....	....	1.87	8.25
Arkadelphia[2]	Ouachita	....	....	....	....	....	....	....	....	....	.30	.38	....	....	....	....	1.40	.50	....	....	....	....	....	....	.36	.72	....	....	....	T.	3.32	6.98
Arkansas City[2]	Mississippi	....	....	....	....	....	....	....	....	.01	1.15	.33	....	....	....	....	.61	.02	....	....	....	....	....	....	.41	.40	....	....	....	....	T.	2.93
Ashdown[2]	Red	....	....	....	....	....	....	....	....	....	.08	99	....	....	....	....	1.26	.81	....	....	....	....	....	....	.10	.71	....	....	....	.15	1.13	5.23
Augusta[2]	White	....	....	....	....	....	.05	....	....	.10	.50	....	....	....	....	....	3.05	....	....	....	....	....	....	....	.56	.25	....	....	....	....	1.00	5.51
Batesville Air'y[3]	White	....	....	....	....	....	.80	....	.30	.50	....	....	....	....	....	1.77	.09	....	....	....	....	....	....	1.22	.80	....	....	....	....	.61	2.26	8.35
Batesville Livestk[2]	White	....	....	....	....	....	.33	.76	....	.78	.23	....	....	....	....	....	1.20	....	....	....	....	....	....	....	1.80	.23	....	....	....	....	.47	5.80
Batesville River[2]	White	....	....	....	....	....	.20	.28	....	1.17	.29	....	....	....	....	....	1.96	....	....	....	....	....	....	....	1.73	.37	....	....	....	....	.74	6.74
Beaty Lake	St. Francis	....	....	....	....	....	.06	....	T.	.25	.60	.05	....	....	....	.48	1.68	....	....	....	....	....	....	....	.80	T.	....	T.	....	T.	.06	3.98
Beaver[2]	White	....	....	....	....	....	.59	.01	.28	....	.06	....	....	....	....	....	.83	....	....	....	....	....	....	.20	.67	.03	....	....	....	.52	.35	3.54
Bee Branch	Arkansas	....	....	....	....	....	....	....	....	T.	.73	....	....	....	....	*	2.11	....	....	....	....	....	....	.64	1.57	....	....	....	....	.61	1.31	6.97
Beech Grove[2]	White	....	....	....	....	....	.13	....	.10	.15	.30	....	....	....	....	....	.81	....	....	....	....	....	....	....	.64	.10	....	....	....	....	.50	2.73
Beedeville[2]	White	....	....	....	....	....	.02	....	....	.70	.45	....	....	....	....	....	3.00	.10	....	....	....	....	....	....	.88	.23	....	....	....	....	.26	5.64
Benton[2]	Saline	....	....	....	....	....	....	....	....	....	.06	....	....	....	....	....	1.31	.06	....	....	....	....	....	....	.09	.57	....	....	....	....	3.33	5.42
Bentonville[2]	Arkansas	....	....	....	....	....	.18	.03	.11	.03	.04	....	....	....	....	.84	.08	....	....	....	....	....	....	1.56	.05	....	....	....	....	1.01	.66	4.59
Bethesda[2]	White	....	....	....	....	....	.25	.80	....	.83	.20	....	....	....	....	....	1.29	....	....	....	....	....	....	....	1.96	.20	....	....	....	....	.49	6.02
Big Flat[2]	White	....	....	....	....	....	.23	.38	....	....	.30	.16	....	....	....	....	1.05	....	....	....	....	....	....	.85	1.62	.54	....	....	....	....	.24	5.37
Big Lake Outlet[2]	St. Francis	....	....	....	....	....	.21	T.	.22	.26	.14	....	....	....	....	....	.61	.04	....	....	....	....	....	....	.69	.40	T.	....	T.	....	.11	2.68
Black Rock[2]	White	....	....	....	....	....	.10	....	.15	....	.58	....	....	....	....	....	.91	....	....	....	....	....	....	....	.66	.31	....	....	....	....	1.11	3.82
Bluff City	Ouachita	....	....	....	....	....	....	....	....	....	.29	....	.21	....	....	....	1.84	....	....	....	....	....	....	....	.17	T.	....	....	....	.07	1.30	3.88
Blytheville[2]	St Francis	....	....	....	....	....	.06	....	69	.30	.02	....	....	....	....	.60	.07	....	....	....	....	....	....	.02	1.05	.04	....	....	....	.35	.27	3.47
Booneville 3 mi. w	Arkansas	....	....	....	....	....	....	....	.07	1.05	....	....	....	....	....	*	2.72	....	....	....	....	....	....	.81	1.32	....	....	T.	....	*	1.69	7.66
Booneville[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Boughton[2]	Ouachita	....	....	....	....	....	....	....	....	....	.40	.50	....	....	....	....	1.45	....	....	....	....	....	....	....	....	.31	....	....	....	.32	1.63	4.61
Bradford[2]	White	....	....	....	....	....	.16	.02	....	....	.45	....	....	....	....	....	2.96	T.	....	....	....	....	....	....	.64	.29	....	....	....	....	1.12	5.64
Brinkley[3]	White	....	....	....	....	....	T.	T.	.01	.09	.18	T.	....	....	....	1.77	.51	....	....	....	....	....	....	T.	.69	.09	....	T.	....	.12	.32	3.78
Burdette	Mississippi	....	....	....	....	....	....	....	.86	.30	....	....	....	....	....	.58	....	....	....	....	....	....	....	....	.91	.07	....	....	....	....	.26	2.98
Calico Rock[2]	White	....	....	....	....	....	.25	.64	.57	....	.65	.03	....	....	....	T.	.82	.05	....	....	....	....	....	....	1.60	.70	....	....	....	....	.60	5.91
Camden[2]	Ouachita	....	....	....	....	....	....	....	....	....	.03	.29	....	....	....	....	1.24	.14	....	....	....	....	....	....	....	1.44	....	....	....	....	1.34	4.48
Camp Chaffee[2]	Arkansas	....	....	....	....	....	....	....	....	T.	1.23	.06	....	....	....	.01	3.17	.03	....	....	....	....	....	.20	4.40	.14	....	....	....	.38	.92	10.54
Camp Robinson[1]	Arkansas	....	....	....	....	....	....	....	....	.48	.02	....	....	....	....	1.40	.20	....	....	....	....	....	....	....	1.25	....	....	....	....	3.29	.21	6.85
Carlisle[2]	Arkansas	....	....	....	....	....	....	.10	....	....	.20	....	....	....	....	....	1.97	....	....	....	....	....	....	....	.16	.17	....	....	....	....	1.90	4.50
Clarendon[2]	White	....	....	....	....	....	....	.19	....	....	.28	.31	....	....	....	....	1.38	T.	....	....	....	....	....	....	....	.10	....	....	....	....	.13	2.39
Cold Springs[2]	Ouachita	....	....	....	....	....	....	....	....	....	.30	3.25	.25	....	....	....	1.30	....	....	....	....	....	....	....	1.35	.35	....	....	....	.30	1.10	8.20
Conway	Arkansas	....	....	....	....	....	T.	.38	.03	.67	....	.80	....	....	....	.62	4.34	....	....	....	....	....	....	.41	.73	.02	....	....	....	1.02	2.24	11.26
Corning[2]	White	....	....	....	....	....	.24	....	.06	.13	.26	....	....	....	....	....	.63	....	....	....	....	....	....	....	.70	.16	....	....	....	....	.53	2.71
Cotter[2]	White	....	....	....	....	....	.33	.07	.58	....	.57	....	....	....	....	T.	.64	....	....	....	....	....	....	....	1.76	.26	....	....	....	....	2.39	6.60
Crossett	Ouachita	....	....	....	....	....	....	....	....	....	.20	1.20	....	....	....	....	.66	.17	....	....	....	....	....	....	T.	1.43	....	....	....	....	.12	3.78
Crystal Valley[2]	Arkansas	....	....	....	....	....	....	....	....	....	.27	....	....	....	....	....	1.13	....	....	....	....	....	....	....	....	....	....	....	T.	1.70	1.30	4.40
Cummins Farm	Arkansas	....	....	....	....	....	....	....	....	.40	.10	.20	....	....	....	....	1.50	....	....	....	....	....	....	....	.58	....	....	....	....	....	.14	2.92
Danville[2]	Arkansas	....	....	....	....	....	....	....	.01	....	.80	.10	....	....	....	....	2.00	.26	....	....	....	....	....	....	2.98	.35	....	....	....	.24	1.18	7.92
Dardanelle[2]	Arkansas	....	....	....	....	....	....	....	....	....	.90	.04	....	....	....	....	2.09	....	....	....	....	....	....	....	3.67	.28	....	....	....	....	.85	7.83
De Queen	Red	....	....	....	....	....	....	....	....	....	.41	T.	....	....	....	....	3.06	....	....	....	....	....	....	1.20	....	....	....	....	....	1.42	.11	6.20
Dermott[2]	Mississippi	....	....	....	....	....	....	....	....	....	.30	.15	....	....	....	....	.44	.05	....	....	....	....	....	....	.34	.42	....	....	....	....	.05	1.75
Des Arc[2]	White	....	....	....	....	....	....	.01	....	....	1.17	....	....	....	....	....	2.37	....	....	....	....	....	....	....	.52	.39	T.	....	....	....	.84	5.30
Devils Knob	Arkansas	....	....	....	....	....	....	....	....	.46	.10	....	....	....	....	1.10	.54	....	....	....	....	....	....	.75	1.00	....	....	....	....	*	.77	4.72
Dumas	Mississippi	....	....	....	....	....	....	....	T.	.35	.15	.05	....	....	....	....	.98	....	....	....	....	....	....	....	.56	.30	....	....	....	....	.26	2.65
Eagle Gap[2]	Arkansas	....	....	....	....	....	....	....	....	.48	.34	....	....	....	....	T.	2.10	.29	....	....	....	....	....	....	1.17	....	....	....	....	.51	1.61	6.50
El Dorado	Ouachita	....	....	....	....	....	....	....	....	....	....	.25	....	....	....	....	1.62	....	....	....	....	....	....	....	....	.95	....	....	....	....	1.68	4.50
Eleven Point[2]	White	....	....	....	....	....	.10	....	.02	.18	.33	....	....	....	....	....	.70	T.	....	....	....	....	....	....	.54	.34	....	....	....	....	.52	2.73
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	White	....	....	....	....	....	.05	....	.05	.06	....	....	....	....	....	.75	.10	....	....	....	....	....	....	.95	.25	....	....	....	....	.70	.20	3.11
Evening Shade[2]	White	....	....	....	....	....	.08	T.	.64	....	.40	....	....	....	....	....	1.05	....	....	....	....	....	....	....	1.64	.46	....	....	....	....	.54	4.81
Fayetteville	White	....	....	....	....	T.	.10	....	.02	.23	.02	T.	....	....	....	1.33	.07	....	....	....	....	....	....	1.60	.08	....	....	T.	....	.94	.10	4.49
Fayetteville Exp. S	White	....	....	....	....	....	.08	....	.03	.10	.01	.01	....	....	....	1.08	.10	....	....	....	....	....	T.	1.23	.14	....	....	....	....	.83	.07	3.68
Fordyce	Arkansas	....	....	....	....	....	....	....	....	....	1.46	.12	....	....	....	.12	1.54	.52	....	....	....	....	....	T.	1.06	1.36	....	....	....	T.	1.04	7.22
Forester[2]	Arkansas	....	....	....	....	....	....	....	....	....	.30	T.	....	....	....	....	2.00	.75	....	....	....	....	....	....	2.40	.30	....	....	....	.81	2.39	8.95
Fort Smith[1]	Arkansas	....	....	....	....	....	....	....	T.	1.25	.01	....	....	....	....	1.51	.59	....	....	....	....	....	....	1.15	.86	....	....	T.	....	.95	.45	6.77
Fort Smith W.[2]	Arkansas	....	....	....	....	....	....	....	....	....	.80	....	....	....	....	....	1.33	T.	....	....	....	....	....	*	2.87	.12	....	....	....	1.94	....	7.06
Fulton[2]	Red	....	....	....	....	....	....	....	....	....	T.	.73	....	....	....	....	1.78	.66	....	....	....	....	....	....	.18	.28	....	....	....	.07	1.16	4.86
Garland[2]	Red	....	....	....	....	....	....	....	....	....	.10	1.07	....	....	....	....	1.49	.41	....	....	....	....	....	....	.31	.17	....	....	....	....	1.76	5.31
Georgetown[2]	White	....	....	....	....	....	....	.10	....	.03	.96	....	....	....	....	....	3.45	....	....	....	....	....	....	....	.42	.41	....	....	....	....	1.07	6.44
Gilbert[2]	White	....	....	....	....	....	.15	....	....	.05	.50	....	....	....	....	....	1.15	....	....	....	....	....	....	....	2.00	.35	....	....	....	....	.40	4.60
Glenwood[2]	Ouachita	....	....	....	....	....	....	....	....	....	.96	.17	....	....	....	....	1.26	.64	....	....	....	....	....	....	1.26	.05	....	....	....	.78	6.25	11.37
Grannis	Red	....	....	....	....	....	....	....	T.	....	.15	.11	....	....	....	....	1.84	.84	....	....	....	....	....	....	1.31	....	....	....	....	.50	1.26	6.01
Gravelly[2]	Arkansas	....	....	....	....	....	....	....	....	T.	.30	.20	....	....	....	....	2.50	.47	....	....	....	....	....	....	1.03	.16	....	....	....	.21	2.00	6.87
Gravette	Arkansas	....	....	....	....	....	....	....	....	.09	....	....	....	....	....	.60	....	....	....	....	....	....	....	1.89	.03	....	....	....	....	1.09	.11	3.81
Green Forest	White	....	....	....	....	....	.43	....	.09	....	.16	....	....	....	....	....	.45	.10	....	....	....	....	....	.16	1.28	....	....	....	....	*	1.01	4.48
Green Mountain	White	....	....	....	....	....	.35	1 00	T.	30	.10	....	....	....	....	.70	.55	....	....	....	....	....	....	T.	1.80	....	....	....	....	.10	.40	5.30
Greenwood[2]	Arkansas	....	....	....	....	....	....	....	....	....	2.17	....	....	....	....	....	3.14	.08	....	....	....	....	....	*	4.04	.37	....	....	....	T.	1.79	11.59
Harrison	White	....	....	....	....	....	.50	.18	.05	.24	.38	.04	....	....	....	.36	.25	....	....	....	....	....	....	1.35	.27	....	....	....	....	.73	.27	4.62
Helena[2]	Mississippi	....	....	....	....	....	.05	....	....	....	.14	.13	....	....	....	....	1.20	....	....	....	....	....	....	....	.09	1.50	....	....	....	....	....	3.11
Henderson[2]	White	....	....	....	....	....	.48	....	.42	....	....	....	....	....	....	*	.74	....	....	....	....	....	....	....	*	1.10	....	....	....	....	.48	3.22
Hope[2]	Red	....	....	....	....	....	....	....	T.	....	.38	.53	....	....	....	....	1.64	.71	....	....	....	....	....	.03	.10	.47	....	....	....	.06	1.52	5.44
Hot Springs	Ouachita	....	....	....	....	....	....	....	.08	.51	.35	.05	....	....	....	T.	1.77	....	....	....	....	....	....	.43	1.01	....	....	....	....	4.16	.36	8.72
Huttig[2]	Ouachita	....	....	....	....	....	....	....	....	....	.14	1.25	....	....	....	....	.63	.25	....	....	....	....	....	....	.09	1.10	....	....	....	....	.34	3.80
Index[2]	Red	....	....	....	....	....	....	....	....	....	.05	.80	....	....	....	....	1.50	.50	....	....	....	....	....	....	1.50	....	....	....	....	....	1.98	6.33
Jessieville	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Jonesboro[2]	White	....	....	....	....	....	.13	....	.63	.13	.18	....	....	....	....	....	1.37	.01	....	....	....	....	....	....	.36	.42	.01	....	....	....	.27	3.51
Lake City[2]	St. Francis	....	....	....	....	....	.08	....	....	.32	....	....	....	....	....	....	.72	....	....	....	....	....	....	....	.98	....	....	....	....	....	.72	2.82

Daily Precipitation for April, 1946 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Total
Lead Hill	White	....	....	....	....	....	.27	....	.75	.29	.08	....	....	....	....	.85	.25	....	....	....	....	....	....	1.16	.55	....	....	....	....	.86	.63		5.69
Little Rock[1]	Arkansas	....	....	....	....	....	.23	....	T.	.17	T.	T.	....	....	....	1.30	.10	....	....	....	....	....	....	T.	.45	T.	....	....	....	2.46	.10		4.81
Lock & Dam No. 3	White	....	....	....	....	....	.30	.51	....	.71	.23	....	....	....	....	....	1.25	T.	....	....	....	....	....	....	2.62	.44	....	....	....	....	.49		6.55
Lurton[2]	White	....	....	....	....	....	*	.41	....	.49	.04	....	....	....	....	....	1.65	....	....	....	....	....	....	....	1.70	.19	....	....	....	....	.61		5.09
Lutherville	Arkansas	....	....	....	....	....	....	....	....	.35	.15	....	....	....	....	.90	.97	....	....	....	....	....	....	.30	1.82	....	....	....	....	.70	.14		5.33
Madison[2]	St. Francis	....	....	....	....	....	.16	....	....	....	1.10	....	....	....	....	T.	1.95	.05	....	....	....	....	....	....	.12	.50	....	....	....	....	....		3.88
Magnolia	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.90	....	....	....	....	....	....	.63	.06	....	....	....	....	2.26	....		4.85
Mammoth Spg[2]	White	....	....	....	....	....	.17	....	....	....	.51	.05	....	....	....	....	.62	....	....	....	....	....	....	....	1.02	.25	....	....	....	....	.46		3.08
Marianna[2]	St. Francis	....	....	....	....	....	....	....	T.	....	.80	.12	....	....	....	....	2.00	....	....	....	....	....	....	....	.05	.95	....	....	....	....	....		3.92
Marked Tree[2]	St. Francis	....	....	....	....	....	.05	.05	.04	.42	.41	....	....	....	....	....	2.25	.03	....	....	....	....	....	....	.29	.29	....	....	....	....	.13		3.96
Marshall[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....
Marvell[2]	White	....	....	....	....	....	....	....	....	....	....	.60	....	....	....	1.93	....	....	....	....	....	....	....	....	....	1.84	....	....	....	....	.24		4.61
Melbourne[2]	White	....	....	....	....	....	.28	1.11	.30	.02	31	....	....	....	....	....	1.11	....	....	....	....	....	....	....	1.08	.50	....	....	....	....	.53		5.24
Mena[2]	Ouachita	....	....	....	....	....	....	....	....	.39	.23	....	....	....	....	....	1.92	.61	....	....	....	....	....	....	1.21	.05	....	....	....	.61	1.90		6.92
Monticello[1]	Ouachita	....	....	....	....	....	....	....	....	....	.18	.08	....	....	....	.66	.14	....	....	....	....	....	....	.06	.74	.06	....	....	....	....	.07		1.99
Morobay[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	.38	....	....	....	....	.92	.41	....	....	....	....	....	....	.02	1.73	....	....	....	....	.53		3.99
Morrilton[2]	Arkansas	....	....	....	....	....	....	T.	T.	....	.93	....	....	....	....	....	4.52	....	....	....	....	....	....	....	2.48	.47	....	....	....	....	1.75		10.15
Mountainburg	Arkansas	....	....	....	....	....	....	....	....	.90	.02	....	....	....	....	1.20	.04	....	....	....	....	....	....	1.36	1.91	....	....	....	....	1.89	.29		7.61
Mountain Home	White	....	....	....	....	....	.30	....	.60	.40	....	....	....	....	....	.80	.10	....	....	....	....	....	....	.20	1.00	....	....	....	....	.15	.60		4.15
Mountain View[2]	White	....	....	....	....	....	.44	.42	....	.12	.45	....	....	....	....	....	1.08	....	....	....	....	....	....	....	1.04	1.44	....	....	....	....	.43		5.42
Mount Ida	Ouachita	....	....	....	....	....	....	....	....	.79	.23	.12	....	....	....	.04	2.05	.04	....	....	....	....	....	.78	1.83	....	....	....	....	4.32	.15		10.35
Mulberry[2]	Arkansas	....	....	....	....	....	....	....	....	....	.39	.25	....	....	....	T.	1.25	....	....	....	....	....	....	....	1.67	.12	....	....	....	1.10	.99		5.77
Nashville	Red	....	....	....	....	....	....	....	T.	T.	.16	.30	....	....	....	....	1.85	....	....	....	....	....	....	.72	.03	....	....	....	....	1.81	.17		5.04
Newhope[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....
Newport[2]	White	....	....	....	....	....	.08	.58	....	1.65	.85	....	....	....	....	....	3.00	04	....	....	....	....	....	....	.83	.45	....	....	....	....	.96		8.44
Nimrod Dam[2]	Arkansas	....	....	....	....	....	....	....	....	....	.30	.02	....	....	....	....	3.60	.13	....	....	....	....	....	....	1.67	.27	....	....	....	.20	1.47		7.66
Oark[2]	Arkansas	....	....	....	....	....	....	....	....	....	.55	....	....	....	....	....	1.75	....	....	....	....	....	....	.32	2.25	.16	....	....	.50	.20	1.00		6.73
Odell[2]	Arkansas	....	....	....	....	....	....	....	....	....	.52	....	....	....	....	.05	1.01	....	....	....	....	....	....	.70	1.17	....	....	....	....	1.05	.54		5.04
Oden	Ouachita	....	....	....	....	....	....	....	....	.80	.06	....	....	....	....	.05	3.05	....	....	....	....	....	....	.20	1.46	T.	....	....	....	1.57	1.65		8.84
Okay	Red	....	....	....	....	....	....	....	....	....	.26	.80	....	....	....	....	2.27	....	....	....	....	....	....	.88	.64	....	....	....	....	1.78	67		7.30
Osceola[2]	Mississippi	....	....	....	....	.15	....	.20	.22	.23	....	....	....	....	....	....	.70	.03	....	....	....	....	....	.66	.08	....	....	....	....	.37	.44		3.08
Ozark[2]	Arkansas	....	....	....	....	....	....	....	....	....	.48	.03	....	....	....	....	1.79	.06	....	....	....	....	....	....	3.00	.18	....	....	....	.44	1.26		7.24
Paragould	St. Francis	....	....	....	....	....	.09	....	.47	.14	....	....	....	....	....	.34	.31	....	....	....	....	....	....	.02	.45	....	....	....	....	.02	.89		2.73
Parkin[2]	St. Francis	....	....	....	....	....	....	....	....	.99	1.35	....	....	....	....	....	2.78	....	....	....	....	....	....	....	.10	.34	....	....	....	....	.09		5.65
Perryville[2]	Arkansas	....	....	....	....	....	....	.31	....	.49	.55	....	....	....	....	1.15	2.70	....	....	....	....	....	....	1.78	1.30	....	....	....	....	1.27	.80		10.35
Pine Bluff[2]	Arkansas	....	....	....	....	....	....	....	T.	....	1.58	.16	....	....	....	....	1.16	.08	....	....	....	....	....	....	T.	.51	....	....	....	....	.55		4.04
Pine Ridge[2]	Ouachita	....	....	....	....	....	....	....	....	1.05	.28	....	....	....	....	T.	1.92	.57	....	....	....	....	....	.17	.98	.36	....	....	....	.96	1.36		7.65
Pocahontas	White	....	....	....	....	....	.09	....	.02	.04	.39	....	....	....	....	....	.75	.09	....	....	....	....	....	....	.63	.33	T.	....	T.	....	.44		2.78
Portland[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	.72	....	....	....	....	.30	.15	....	....	....	....	....	T.	.10	1.05	....	....	....	....	T.		2.32
Prescott[2]	Ouachita	....	....	....	....	....	....	....	....	....	1.00	.39	....	....	....	....	1.25	.75	....	....	....	....	....	....	.02	.10	....	....	....	....	1.16		4.67
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....
Red Star	White	....	....	....	....	....	....	....	....	....	.56	T.	....	....	....	....	2.36	....	....	....	....	....	....	.14	1.95	....	....	....	.72	.74	.15		6.62
Rogers	White	....	....	....	....	T.	.59	....	.16	T.	.09	T.	....	....	....	.50	.57	....	....	....	....	....	....	1.90	.20	....	....	T.	....	.98	.31		5.30
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....
Russellville	Arkansas	....	....	....	....	....	....	....	....	.58	.12	T.	....	....	....	.52	1.82	....	....	....	....	....	....	1.66	2.82	....	....	....	....	.40	.32		8.24
St Charles[2]	White	....	....	....	....	....	....	.05	.01	....	.20	.63	....	....	....	....	1.18	....	....	....	....	....	....	....	....	.55	....	....	....	....	....		2.62
St. Francis[2]	St. Francis	....	....	....	....	....	.21	....	....	.14	.19	....	....	....	....	....	.52	.05	....	....	....	....	....	....	.40	.36	....	....	....	....	.63		2.50
Searcy[2]	White	....	....	....	....	....	....	....	....	.30	.36	....	....	....	....	....	3.20	....	....	....	....	....	....	....	2.28	.43	....	....	....	....	2.12		8.69
Sheridan	Ouachita	....	....	....	....	....	....	....	.23	.08	.37	.22	....	....	....	....	1.93	....	....	....	....	....	....	....	.78	.06	....	....	....	2.30	.75		6.72
Shirley[2]	White	....	....	....	....	....	....	....	....	....	.17	.49	....	....	....	....	1.65	....	....	....	....	....	....	....	1.82	.32	....	....	....	....	.75		5.20
Siloam Springs	White	....	....	....	....	....	.48	....	....	.08	.04	....	....	....	....	.78	....	....	....	....	....	....	....	1.63	....	....	....	....	....	1.21	.38		4.60
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....
Stamps	Red	....	....	....	....	....	....	....	....	T.	.35	.75	....	....	....	....	1.94	.03	....	....	....	....	....	.04	.50	T.	....	....	....	.37	1.56		5.54
Stephens[2]	Ouachita	....	....	....	....	....	....	....	....	....	.02	.72	....	....	....	....	1.10	.30	....	....	....	....	....	....	.05	.54	....	....	....	....	1.34		4.07
Steve[2]	Arkansas	....	....	....	....	....	....	....	....	....	.61	....	....	....	....	....	1.37	.20	....	....	....	....	....	....	.87	1.02	....	....	....	....	1.87		5.94
Story[2]	Ouachita	....	....	....	....	....	....	....	....	....	.27	....	....	....	....	....	1.63	....	....	....	....	....	....	....	1.68	.33	....	....	....	....	2.39		6.30
Stuttgart[2]	Arkansas	....	....	....	....	....	....	....	....	....	*	.12	....	....	....	....	1.62	....	....	....	....	....	....	....	....	.05	.21	....	....	....	.22		2.22
Stuttgart Evap[2]	Arkansas	....	....	....	....	....	....	....	....	....	.08	.10	....	....	....	....	1.45	....	....	....	....	....	....	....	....	.20	....	....	....	.10	.50		2.43
Subiaco[2]	Arkansas	....	....	....	....	....	....	....	....	....	.94	....	....	....	....	....	2.16	.45	....	....	....	....	....	....	2.03	.74	....	....	....	.14	1.99		8.45
Sugar Grove[2]	Arkansas	....	....	....	....	....	....	....	.09	....	.69	....	....	....	....	....	2.50	.31	....	....	....	....	....	....	1.33	.41	....	....	....	....	1.42		6.75
Sugar Loaf Mt[2]	White	....	....	....	....	....	....	....	....	.23	.63	....	....	....	....	....	2.55	....	....	....	....	....	....	....	1.91	.50	....	....	....	....	1.95		7.77
Texarkana[3]	Red	....	....	....	....	....	....	....	T.	.40	.65	.18	....	....	....	1.38	1.00	....	....	....	....	....	....	.51	.14	....	....	....	....	1.62	.02		5.90
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	1.17	.17	....	....	....	.93	....	....	....	....	....	....	....	....	....	.90	....	....	....	....	....		3.17
Turnpike	Arkansas	....	....	....	....	....	....	....	....	.53	.03	.02	....	....	....	1.03	.76	....	....	....	....	....	....	.56	.91	....	....	....	....	.32	.21		4.37
Viola[2]	White	....	....	....	....	....	.24	....	.16	.20	.52	....	....	....	....	....	.80	....	....	....	....	....	....	....	1.85	....	....	....	....	....	.60		4.37
Waldron[2]	Arkansas	....	....	....	....	....	....	....	....	....	.30	....	....	....	....	....	2.03	.17	....	....	....	....	....	....	.90	.10	....	....	....	.30	1.15		4.95
Walnut Grove	White	....	....	....	....	....	.10	.30	.14	.25	.22	....	....	....	....	.10	1.57	....	....	....	....	....	....	....	3.03	....	....	....	....	.55	.80		7.06
Warren	Ouachita	....	....	....	....	....	....	....	....	....	.25	.27	....	....	....	....	1.07	.02	....	....	....	....	....	.02	.32	.23	....	....	....	....	.23		2.41
Whitecliffs[2]	Red	....	....	....	....	....	....	T.	....	....	.15	.55	....	....	....	....	1.40	.62	....	....	....	....	....	....	.62	.33	....	....	....	.35	1.22		5.24
White Rock	Arkansas	....	....	....	....	....	....	....	T.	.55	.03	.16	....	....	....	1.10	.78	....	....	....	....	....	....	.65	1.05	....	....	....	....	1.40	.30		6.02
Wilson[2]	Mississippi	....	....	....	....	....	....	....	....	1.23	.44	....	....	....	....	....	1.05	.05	....	....	....	....	....	....	.10	.40	....	....	....	....	....		3.27
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....		....

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for April, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mthly
Bethesda	Evap.	....	.322	.126	.426	.270	.292	.376	.136	.730	.100	.204	.290	.104	.366	.140	.222	.174	.157	.165	.175	.347	.016	.246	....	.171	.194	.352	.114	.122	.124		6.631
	Mean tem.	70	74	72	66	58	69	70	68	57	60	58	50	51	63	64	55	49	54	60	63	66	67	65	60	62	58	57	65	64	62		62.0
	Wind move	84	186	119	90	63	69	54	81	49	67	50	131	37	44	109	47	85	16	16	27	02	65	34	30	56	55	56	46	53	53		1.874
Hope Exp. Farm	Evap.	.215	.287	.228	.222	.220	.281	.160	.146	.148	.162	.108	.279	.165	.174	.204	.234	.073	.168	.169	.178	.158	.157	.199	.075	.078	.225	.249	.203	.257	.208		5.630
	Mean tem.	69	72	70	72	66	70	72	74	71	64	65	54	57	62	68	59	51	57	62	66	69	72	72	69	66	64	69	70	72	67		66.5
	Wind move	19	66	63	58	21	56	41	52	50	49	112	30	18	18	22	43	62	40	5	15	14	20	26	21	54	60	37	86	24	70		1,202
Nimrod Dam	Evap.	.242	.378	.286	.264	.254	.290	.224	.256	.110	.048	.076	.296	.178	.232	.216	.024	.036	.190	.200	.242	.174	.168	.238	.106	.036	.214	.371	.121	.262	.004		5.736
	Mean tem.	73	74	72	69	62	69	76	74	60	63	63	53	54	61	67	62	56	58	62	66	66	69	69	64	66	63	60	68	64	66		64.5
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11	9	20	10	10	40	11	9	18	18	15	49	9		....
Russellville	Evap.	.214	.236	.208	.190	.206	.204	.204	.092	.126	.058	.186	.178	.204	.190	.054	.096	.086	.156	.178	.208	.170	.170	.166	....	.092	.220	.226	.232	.052	.062		4.825
	Mean tem.	80	76	74	67	63	74	74	76	66	62	62	55	58	62	66	58	54	58	62	68	68	70	70	62	65	68	62	67	70	67		66.2
	Wind move	18	21	32	11	16	16	20	8	22	9	45	23	10	13	6	22	8	6	8	7	9	10	3	11	10	17	24	15	10	8		438
Stuttgart Rice Exp. Farm	Evap.	.061	.336	.234	.247	.184	.265	.091	.249	.123	.075	.097	.260	.145	.145	.234	.107	.036	.149	.116	.236	.080	.107	.238	.125	.054	.122	.202	.260	.522	.496		5.596
	Mean Tem.	72	71	71	69	64	70	73	76	63	64	64	52	54	62	65	56	52	56	65	67	70	72	72	70	64	62	60	70	68	65		65.2
	Wind move	30	150	100	140	115	15	20	120	80	55	25	110	30	30	110	110	60	25	5	25	5	20	50	50	40	20	40	50	130	60		1,820

Daily Temperatures for April, 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		Mean
Alum Fork	Maximum	88	83	80	77	76	83	81	78	77	73	68	64	72	77	76	62	68	77	80	80	81	82	77	65	77	75	75	82	80	70		76.1
	Minimum	62	61	60	57	55	45	62	68	51	52	54	43	36	42	57	49	40	37	42	48	49	56	49	59	53	47	47	51	58	58		51.6
Arkadelphia	Maximum	92	87	82	84	86	84	85	82	70	77	73	67	75	82	81	55	69	77	83	82	85	85	82	73	80	83	81	82	70	73		78.9
	Minimum	55	56	59	61	45	53	64	66	60	56	55	42	38	41	49	55	41	37	43	50	55	58	60	64	54	47	47	53	62	59		52.8
Ashdown	Maximum	90	85	82	83	85	89	84	82	80	73	68	74	67	78	78	62	71	76	80	80	80	83	80	73	82	83	87	84	80	78		79.2
	Minimum	56	62	61	57	48	60	64	66	63	58	55	51	41	51	55	58	42	39	44	49	56	57	63	65	52	47	53	59	64	60		55.2
Batesville Air	Maximum	90	85	83	77	79	83	84	77	61	70	67	64	71	77	67	60	70	78	81	83	83	85	76	63	80	74	67	85	71	69		75.3
	Minimum	65	66	63	51	44	58	61	60	53	51	47	40	37	49	52	45	36	38	44	49	52	58	58	55	50	45	41	52	63	60		51.4
Batesville,Livestk	Maximum	89	82	82	72	79	84	83	77	71	71	65	61	70	77	65	67	69	77	80	82	83	83	72	60	79	72	78	83	70	66		75.0
	Minimum	50	52	63	56	43	52	60	64	52	52	60	58	33	50	60	33	34	42	43	48	50	55	56	58	45	44	36	48	58	60		49.8
Bee Branch	Maximum	88	86	81	78	78	84	83	79	59	71	64	63	67	74	74	62	68	73	77	77	78	80	78	64	78	76	74	80	79	68		74.7
	Minimum	54	61	59	57	42	57	56	65	52	51	52	41	34	41	56	50	34	36	41	46	52	54	55	56	49	47	45	42	59	58		50.1
Benton	Maximum	87	84	80	79	62	81	82	79	64	75	71	62	71	77	75	56	68	76	80	81	82	82	81	67	79	77	74	82	66	71		75.0
	Minimum	50	56	60	53	41	42	62	63	57	53	54	42	33	34	41	52	35	33	35	39	46	52	53	59	51	43	45	48	54	58		48.1
Bentonville	Maximum	92	88	77	75	80	86	87	61	63	68	57	61	73	79	69	66	72	79	80	82	80	81	64	66	78	74	73	83	66	71		74.4
	Minimum	60	66	62	45	44	54	62	61	49	51	45	34	40	47	56	47	35	43	45	47	55	56	60	54	44	45	46	50	60	58		50.7
Bethesda	Maximum	90	83	81	76	77	80	82	77	62	70	65	61	70	76	67	60	67	75	79	81	81	81	76	64	78	72	78	82	71	67		74.3
	Minimum	50	66	62	55	40	58	58	60	52	50	52	38	33	50	60	50	31	34	41	45	50	53	54	57	46	44	36	48	58	58		49.6
Bluff City	Maximum	88	84	82	82	85	85	85	83	80	74	74	71	72	78	79	77	67	74	80	81	82	84	82	75	79	81	81	85	81	74		79.5
	Minimum	64	61	62	64	48	65	63	68	62	57	58	42	40	45	58	52	42	39	47	55	59	60	63	63	55	50	53	64	65	59		56.1
Blytheville	Maximum	85	83	81	75	78	80	86	80	65	69	69	59	70	75	70	63	65	75	80	85	87	84	80	70	74	70	68	85	80	72		75.4
	Minimum	64	64	62	57	48	52	58	63	50	52	53	39	39	49	60	47	37	42	49	53	53	63	65	59	54	49	44	56	62	65		53.6
Booneville	Maximum	91	88	84	80	85	89	93	83	72	67	67	67	77	80	73	63	70	76	83	81	80	81	77	68	80	79	76	84	78	73		78.2
	Minimum	60	65	62	53	42	64	66	69	55	55	50	58	62	47	62	50	44	50	48	50	58	62	64	62	52	46	52	53	60	60		56.0
Brinkley	Maximum	86	82	81	79	79	82	85	82	66	73	73	62	71	78	75	61	67	75	78	83	81	84	79	71	79	76	70	84	75	73		76.3
	Minimum	62	64	63	59	48	65	64	63	55	54	50	39	35	44	54	47	41	39	44	50	55	61	60	56	55	46	43	55	63	61		53.2
Camden	Maximum	88	89	81	85	86	85	81	83	83	79	75	67	77	81	81	60	71	76	81	80	82	87	80	77	80	83	85	85	81	76		80.2
	Minimum	57	57	62	64	50	64	64	67	61	58	59	43	39	45	49	49	40	41	49	50	51	55	61	62	54	49	60	59	60	59		54.6
Camp Robinson	Maximum	90	86	83	78	82	85	84	80	72	73	73	62	71	78	74	61	67	74	90	81	81	83	84	69	79	77	71	84	73	72		77.2
	Minimum	61	62	63	53	46	57	65	64	55	54	50	42	38	45	60	45	38	39	43	51	56	58	60	58	54	48	50	52	61	58		52.9
Conway	Maximum	90	85	84	85	82	85	83	83	75	75	73	66	74	79	74	66	70	77	82	83	82	85	82	66	81	78	73	84	78	69		78.3
	Minimum	57	64	62	58	46	63	64	67	55	55	54	44	39	45	61	53	36	40	43	50	56	58	62	60	50	48	48	46	61	60		53.5
Corning	Maximum	87	84	83	78	79	77	85	79	67	70	66	64	71	78	70	62	69	79	82	86	87	86	83	67	78	74	70	85	78	69		76.4
	Minimum	65	67	62	57	43	56	56	67	49	49	50	37	36	44	58	48	35	38	46	49	53	58	60	58	46	44	39	54	58	62		51.5
Crossett	Maximum	87	84	84	82	83	88	79	87	84	74	77	70	73	79	80	76	67	77	82	83	85	85	75	77	76	82	82	84	80	81		80.1
	Minimum	53	60	58	64	43	58	63	64	63	61	60	44	36	39	56	53	43	38	44	48	55	54	61	62	57	48	49	58	55	60		53.6
Cummins Farm	Maximum	85	81	81	79	80	83	84	84	74	73	72	64	71	78	79	78	65	73	79	82	80	85	78	77	76	76	74	85	79	78		77.8
	Minimum	56	52	62	62	50	64	64	69	55	58	59	44	52	67	59	51	43	41	47	51	58	58	64	60	57	49	54	56	59	63		56.1
Dardanelle	Maximum	94	92	86	81	84	88	90	86	80	70	72	66	76	80	80	65	71	82	86	85	85	85	85	70	81	80	81	89	85	76		81.0
	Minimum	59	64	62	56	45	63	67	69	55	55	54	45	41	45	62	51	39	40	44	51	56	58	64	60	52	48	50	52	62	61		54.3
De Queen	Maximum	88	89	85	83	83	86	84	78	73	69	77	70	71	76	73	72	70	75	78	76	78	80	76	78	79	78	80	82	76	72		77.8
	Minimum	56	55	61	59	48	62	65	68	60	58	52	41	41	46	61	52	45	40	43	45	50	60	57	56	50	50	51	49	61	60		53.4
Des Arc	Maximum	88	86	83	82	80	84	86	82	75	73	73	67	72	78	75	65	66	75	79	83	83	85	84	74	79	76	75	78	85	70		78.0
	Minimum	61	63	61	59	49	64	62	67	54	52	54	42	39	46	60	52	37	40	45	52	55	61	61	57	52	46	46	45	54	60		53.2
Devils Knob	Maximum	86	82	75	73	75	82	82	77	67	63	59	62	66	72	66	56	67	73	.	77	73	76	..	..	..	..	..	..	..	68		71.7
	Minimum	64	61	57	50	57	61	61	64	47	48	44	35	43	59	43	41	40	50	..	55	58	59	..	..	..	..	..	..	..	56		52.4
Dumas	Maximum	90	86	85	80	89	88	86	88	79	75	75	65	73	80	82	74	65	77	83	86	85	87	80	79	77	78	77	87	80	79		80.5
	Minimum	58	56	56	65	52	63	62	69	58	59	60	43	37	42	57	52	41	57	40	53	58	57	64	62	57	49	51	56	60	63		55.2
El Dorado	Maximum	87	85	83	80	84	84	77	86	79	76	74	63	72	77	83	63	68	74	78	82	81	84	75	82	78	81	84	85	81	77		78.8
	Minimum	55	59	57	60	48	58	61	61	59	61	52	46	40	43	63	60	47	45	41	52	58	63	64	64	55	49	62	63	64	66		55.7
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Eureka Springs	Maximum	91	89	82	74	80	85	87	80	62	65	62	64	75	79	69	64	70	80	80	84	79	79	74	65	76	72	72	82	74	69		75.5
	Minimum	70	68	63	48	47	61	62	59	48	49	44	35	44	59	50	46	36	46	55	50	56	57	57	52	45	50	45	59	59	60		52.7
Fayetteville	Maximum	91	87	76	74	81	86	88	79	64	73	64	67	74	78	70	66	71	78	79	82	79	79	72	66	77	74	74	82	72	69		75.7
	Minimum	68	66	62	46	40	59	66	60	51	51	44	34	44	54	50	45	34	40	46	46	51	60	57	53	44	43	49	61	59	59		51.4
Fayetteville Exp. S	Maximum	89	85	82	73	80	85	86	82	64	70	66	65	72	76	68	63	70	78	78	80	79	78	74	64	75	71	70	80	76	68		74.9
	Minimum	67	66	61	44	39	58	61	58	49	50	42	32	40	53	52	44	33	39	45	47	47	54	58	51	39	41	46	55	57	57		49.5
Fordyce	Maximum	91	86	84	80	82	87	83	84	78	77	75	67	75	80	79	73	71	69	83	84	85	85	82	80	80	82	81	85	84	82		80.5
	Minimum	63	63	62	60	52	62	65	69	61	47	59	43	40	48	59	50	41	40	42	54	59	61	64	63	54	49	50	61	60	60		55.4
Fort Smith	Maximum	92	88	80	79	86	89	90	79	66	67	65	65	75	81	68	59	72	77	81	82	84	82	73	66	80	79	75	84	68	70		76 7
	Minimum	58	67	65	52	48	65	66	65	52	55	48	41	43	49	55	45	39	43	46	51	60	61	62	55	50	47	55	52	62	61		53.9
Gilbert	Maximum	93	90	82	77	80	88	89	69	63	73	62	66	75	79	67	67	71	81	82	85	81	82	79	65	79	71	72	84	71	76		76.6
	Minimum	51	68	63	44	35	39	61	65	53	50	46	39	32	36	53	48	33	35	36	39	44	47	53	56	44	38	37	41	52	54		46.5
Grannis	Maximum	87	82	76	82	82	82	83	76	71	69	69	69	71	75	70	68	71	75	78	79	77	79	76	69	78	81	78	79	70	70		75.7
	Minimum	57	59	60	57	52	60	64	66	58	57	50	39	39	44	59	49	40	39	44	49	51	57	64	60	55	48	53	54	59	58		53.4
Gravette	Maximum	91	88	81	73	81	83	85	85	66	69	66	66	73	77	72	65	73	78	78	81	80	78	72	67	76	74	73	80	73	69		75.8
	Minimum	68	63	62	40	43	51	60	57	49	51	44	31	42	52	49	48	31	37	45	49	54	56	58	54	41	41	42	57	58	59		49.7
Green Mountain	Maximum	91	85	82	76	76	81	87	85	60	68	71	60	62	75	69	61	67	78	79	80	79	81	76	65	75	64	65	75	78	78		74.3
	Minimum	66	66	60	52	51	56	57	58	48	46	49	35	40	51	58	45	38	48	54	56	54	60	62	55	50	44	44	45	60	57		52.2
Harrison	Maximum	92	92	82	74	79	85	87	80	63	68	59	64	74	78	75	65	70	77	82	83	80	80	71	61	77	72	71	84	67	74		78.3
	Minimum	70	70	65	45	39	60	62	62	51	49	48	38	36	48	54	46	32	36	42	45	49	52	60	54	47	43	38	52	57	61		50.4
Helena	Maximum	84	80	78	76	77	77	85	84	76	72	69	65	69	76	75	73	62	71	78	82	84	84	80	76	74	71	71	81	77	72		76.0
	Minimum	60	61	61	61	53	61	64	68	57	55	57	41	36	50	59	50	40	42	49	56	63	62	63	60	56	48	48	57	60	65		55.4
Hope	Maximum	81	82	80	83	85	86	80	80	80	70	73	65	74	78	79	60	68	75	80	81	81	83	81	75	79	81	84	83	80	76		78.1
	Minimum	57	61	61	62	47	54	64	68	62	58	57	42	40	45	58	58	44	39	44	51	57	60	62	63	53	48	54	56	64	58		54.9
Hot Springs	Maximum	90	86	89	84	85	84	85	81	77	79	73	70	74	81	78	74	73	79	82	81	80	84	80	67	81	82	78	84	80	73		79.8
	Minimum	66	61	62	58	50	64	59	69	52	54	54	40	70	49	59	49	38	40	47	54	56	60	64	58	52	52	52	58	62	58		55.6
Jonesboro	Maximum	86	83	81	76	79	80	86	78	65	68	66	61	71	78	71	63	66	77	79	83	85	85	79	68	79	73	69	83	79	68		75.5
	Minimum	63	64	62	59	49	55	58	65	51	50	52	37	37	47	60	47	36	40	47	53	56	59	61	57	51	47	43	53	61	60		52.7
Lead Hill	Maximum	94	93	80	74	80	84	88	78	63	70	60	62	72	80	68	66	70	80	83	82	80	81	72	62	80	72	79	82	73	74		76.1
	Minimum	55	65	60	42	35	60	62	62	50	50	48	40	33	38	52	52	30	34	40	42	46	49	61	55	40	39	46	46	55	61		48.3
Little Rock	Maximum	89	85	82	78	82	83	83	81	65	71	70	60	70	79	74	61	66	72	82	80	82	83	80	67	79	77	71	84	69	72		75.9
	Minimum	64	64	64	57	51	65	66	65	55	55	51	45	40	49	61	48	43	40	46	54	59	62	62	57	56	52	52	54	62	61		55 3
Lutherville	Maximum	91	87	81	76	80	88	87	81	73	69	65	70	71	72	72	72	70	75	80	78	78	80	75	70	78	71	69	83	74	74		76.3
	Minimum	61	62	60	57	47	62	65	65	52	52	40	38	40	46	59	49	39	40	46	52	51	59	62	57	47	48	48	52	62	59		52.6
Magnolia	Maximum	88	84	84	84	86	87	79	85	80	76	70	65	73	79	82	74	69	76	81	85	82	84	78	75	78	82	86	83	82	79		79.9
	Minimum	60	62	61	65	51	63	67	64	64	60	60	46	42	47	57	53	44	39	50	53	62	61	65	63	55	50	50	61	61	60		56.5
Mammoth Spring	Maximum	90	87	84	78	78	74	77	82	66	70	69	65	70	77	74	72	78	78	82	84	85	83	80	65	78	78	72	85	82	66		77.0
	Minimum	54	64	56	55	39	37	39	55	49	49	50	37	33	49	50	30	34	36	35	40	43	51	55	55	42	41	36	48	57	61		46.0
Marianna	Maximum	85	80	80	76	77	78	85	84	71	73	71	62	70	76	76	64	64	74	78	83	81	83	80	75	76	73	71	82	76	70		75.8
	Minimum	59	61	62	61	48	58	64	68	56	55	56	40	38	45	55	54	39	41	47	53	58	61	61	63	56	46	46	54	60	60		54.2
Marked Tree	Maximum	83	84	82	76	79	84	88	81	65	72	69	61	70	78	70	54	65	77	81	84	85	85	80	65	78	72	70	85	79	72		75.8
	Minimum	57	63	62	61	46	47	58	61	52	52	52	40	38	40	48	51	38	40	44	50	54	60	63	60	54	49	43	47	57	63		51.7
Marshall	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		....
Mena	Maximum	88	84	78	80	83	84	86	77	70	73	67	68	74	78	70	65	70	77	81	80	78	80	76	66	73	80	80	82	74	73		76.5
	Minimum	63	59	60	52	45	62	64	67	55	53	51	37	38	52	59	47	39	39	45	49	53	56	65	58	48	47	52	58	59	58		53.0
Monticello	Maximum	88	82	83	80	82	87	80	84	79	72	74	62	72	79	80	61	67	76	80	83	82	83	76	77	77	79	77	84	80	78		78.1
	Minimum	60	60	60	54	50	60	66	67	58	58	53	41	40	46	57	50	43	40	44	53	60	60	65	58	57	49	53	60	60	63		54.8
Morrilton	Maximum	89	86	84	79	82	81	85	84	61	71	69	63	73	77	70	58	69	75	82	82	81	83	79	65	80	74	71	84	66	72		75.8
	Minimum	60	63	62	60	45	51	65	65	58	54	55	45	39	41	53	52	41	42	45	47	51	59	63	62	53	52	48	51	51	60		53.1
Mountain Home	Maximum	93	92	83	75	80	83	86	82	68	73	67	65	73	78	73	68	70	79	84	83	80	81	79	66	78	73	69	85	75	71		77.1
	Minimum	61	69	59	49	40	57	60	63	49	49	49	37	35	44	53	47	32	36	42	47	51	55	59	55	43	43	39	48	57	61		49.6
Mt. Ida	Maximum	90	86	82	83	82	86	86	84	74	74	72	67	69	78	74	69	65	78	81	80	80	81	76	66	79	80	82	80	78	73		77.8
	Minimum	57	62	62	48	40	66	60	69	55	55	53	37	32	44	63	50	35	31	35	41	50	51	60	60	46	42	44	56	60	59		50.8
Nashville	Maximum	87	82	78	83	84	86	83	79	75	71	72	67	72	77	77	73	70	75	79	81	80	82	77	73	80	82	82	83	75	75		78.0
	Minimum	54	60	61	62	57	62	65	62	62	58	58	39	39	45	60	52	44	40	44	50	55	59	65	62	53	47	55	57	60	60		54.9

Daily Temperatures for April, 1946 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
Newport	Maximum	91	85	85	78	81	86	88	80	65	72	68	63	73	80	72	64	67	78	82	85	88	86	80	68	81	75	70	86	76	71	77.5
	Minimum	61	66	64	62	46	59	61	69	55	52	57	41	39	47	58	52	40	40	46	51	56	59	61	62	50	50	44	54	61	62	54.2
Nimrod Dam /	Maximum	91	86	82	81	82	88	88	82	63	72	72	65	74	79	75	75	70	78	83	83	82	83	78	66	80	79	75	84	69	74	78.0
	Minimum	55	63	62	57	43	50	64	66	57	54	54	41	35	43	59	50	41	37	41	48	51	55	60	62	51	47	46	51	58	58	51.0
Oden	Maximum	91	87	80	82	85	87	88	77	67	86	68	69	76	80	70	60	72	78	83	80	80	76	66	77	68	70	76	80	91	87	77.9
	Minimum	65	60	61	55	42	67	63	67	55	55	48	38	35	47	60	42	35	35	40	45	52	56	56	56	53	38	35	47	61	60	51.0
Okay	Maximum	91	88	83	84	85	86	87	81	80	73	75	75	73	78	80	58	69	74	79	80	82	82	82	76	80	82	85	78	79	77	79.4
	Minimum	55	61	62	59	49	54	61	66	61	58	55	41	39	44	58	52	43	41	44	49	58	61	64	63	53	48	55	58	59	59	54.3
Ozark	Maximum	92	90	88	80	85	89	90	81	80	68	67	66	71	79	68	63	68	69	79	81	78	81	75	66	80	79	70	86	71	72	77.1
	Minimum	56	69	58	55	45	60	61	67	60	54	50	43	40	47	62	51	39	40	41	50	58	58	65	60	48	48	50	51	61	61	53.6
Paragould	Maximum	84	79	79	75	75	77	84	81	65	67	68	60	69	75	69	65	61	74	77	81	85	83	80	70	77	71	69	82	78	70	74.3
	Minimum	59	66	61	60	45	56	58	64	51	50	52	38	36	42	56	47	36	38	45	50	54	57	61	58	51	49	40	55	61	62	51.9
Perryville	Maximum	91	86	84	80	82	86	85	80	83	72	70	71	74	78	74	65	68	68	83	83	81	84	80	75	81	79	73	84	75	79	78.5
	Minimum	66	63	62	60	41	58	64	69	53	54	55	40	35	41	55	51	35	35	37	45	52	54	58	59	49	45	46	49	47	47	50.8
Pine Bluff	Maximum	90	85	84	74	85	87	83	85	76	76	74	69	74	86	79	71	68	77	83	87	84	81	81	70	79	84	78	85	76	79	79.7
	Minimum	63	64	63	63	51	66	67	70	55	56	56	46	42	46	61	51	43	43	48	55	55	60	63	59	56	51	53	58	62	61	56.2
Pocahontas	Maximum	88	85	83	80	77	81	85	80	65	71	68	64	70	72	71	62	69	76	80	84	85	89	81	68	80	72	70	84	76	68	76.1
	Minimum	58	65	59	57	41	55	57	63	49	48	51	36	34	40	58	46	37	37	43	46	52	55	58	56	51	49	39	51	57	60	50.3
Portland	Maximum	84	82	80	80	82	87	80	86	82	78	76	67	74	76	78	75	67	78	87	84	82	84	80	75	75	79	78	82	80	78	79.2
	Minimum	58	61	63	65	50	60	64	65	65	62	60	45	42	45	56	55	45	44	48	53	68	56	63	64	58	52	52	60	58	62	56.6
Prescott	Maximum	90	88	84	83	85	87	86	83	79	72	76	74	74	79	80	77	70	76	81	82	82	85	83	74	81	84	87	85	83	78	80.9
	Minimum	60	61	60	59	49	64	64	68	60	57	57	43	41	46	59	50	43	40	41	50	57	59	62	62	54	56	50	60	64	59	55.2
Rogers	Maximum	90	85	81	73	79	84	85	75	65	67	63	64	73	77	71	65	70	78	79	81	79	81	70	65	77	71	72	80	71	70	74.7
	Minimum	66	66	61	45	43	60	61	60	49	51	43	34	39	50	50	45	36	41	45	48	54	56	58	53	43	45	45	56	59	59	50.7
Russellville	Maximum	92	89	85	79	83	88	89	85	78	71	70	65	74	79	69	64	70	77	82	82	81	84	78	64	80	81	77	84	80	74	78.5
	Minimum	68	64	63	55	43	59	59	68	55	54	54	45	41	44	62	52	37	39	42	55	54	57	62	60	50	54	48	50	60	60	53.8
St. Charles /	Maximum	87	82	82	79	80	84	82	86	72	78	72	62	72	78	78	60	70	76	80	86	84	88	80	80	78	76	75	85	77	75	78.1
	Minimum	60	61	61	63	50	61	63	66	58	52	55	41	39	48	54	52	40	40	48	50	54	58	60	63	54	46	49	55	60	58	54.0
Searcy	Maximum	90	85	84	81	83	87	86	80	69	73	72	63	74	81	74	63	69	79	82	84	83	86	78	63	82	78	71	85	85	74	78.1
	Minimum	57	66	62	61	47	66	63	68	55	53	55	44	38	43	60	51	39	40	45	50	54	58	59	56	52	48	44	51	59	61	53.5
Sheridan	Maximum	90	86	82	80	81	83	83	82	74	73	71	64	73	78	76	70	67	77	81	83	82	84	80	70	78	78	75	83	75	73	77.7
	Minimum	56	57	61	56	45	61	64	62	52	54	54	44	42	43	57	49	42	41	47	48	54	57	58	59	51	48	45	53	59	58	52.9
Siloam Springs	Maximum	91	88	78	74	82	86	87	78	71	75	75	66	73	78	73	66	71	79	79	79	83	79	76	67	76	72	73	80	74	69	76.6
	Minimum	67	68	62	42	44	59	61	51	51	47	44	33	42	51	49	48	32	37	43	46	52	56	59	55	42	41	49	56	55	58	50.0
Stuttgart	Maximum	87	83	81	76	79	82	82	85	76	73	70	64	70	77	77	73	65	72	78	81	80	85	80	75	77	75	72	83	75	75	76.9
	Minimum	59	63	63	61	52	64	65	68	55	56	58	46	41	47	58	53	40	43	49	54	60	61	64	60	56	50	50	56	62	61	55.8
Stuttgart Evap. /	Maximum	85	81	80	76	79	83	82	85	67	74	71	60	70	78	76	57	65	73	77	82	80	83	80	76	78	77	71	86	75	69	75.9
	Minimum	58	61	62	62	48	56	64	67	59	55	56	45	37	45	54	55	40	42	43	52	59	61	63	64	51	48	48	55	60	61	54.4
Subiaco	Maximum	91	88	80	78	80	83	88	82	74	64	64	64	71	76	72	62	66	72	77	75	79	80	78	64	77	77	71	84	77	72	75.5
	Minimum	59	67	62	57	46	64	65	68	52	53	51	43	40	48	60	48	39	40	46	45	51	62	62	59	50	51	51	51	61	60	53.7
Texarkana	Maximum	87	83	80	84	84	86	81	82	78	75	74	66	72	77	78	62	68	74	78	78	79	82	77	74	80	81	85	83	78	76	78.1
	Minimum	63	62	63	64	55	64	68	67	63	61	53	45	46	52	60	51	46	44	49	57	62	62	66	61	55	53	58	63	61	61	57.8
Turnpike	Maximum	89	85	77	73	76	80	83	75	68	65	62	60	67	73	64	59	64	74	74	76	74	80	79	70	77	71	64	78	73	67	72.6
	Minimum	64	60	57	51	56	61	61	60	48	48	46	36	42	50	57	43	51	41	54	57	61	61	64	57	48	49	46	53	58	56	53.2
Waldron	Maximum	90	87	82	78	84	88	89	83	74	72	68	66	76	79	73	64	70	77	83	80	82	82	77	69	78	78	79	84	80	75	78.2
	Minimum	58	64	61	50	41	65	63	70	54	54	49	38	36	50	61	50	41	37	40	46	53	55	62	60	45	44	50	50	59	60	52.2
Warren	Maximum	89	86	84	81	84	86	84	85	79	74	74	69	74	79	79	73	67	75	80	84	84	85	79	80	78	74	80	85	82	79	79.7
	Minimum	60	61	62	67	49	64	63	66	61	60	62	46	39	44	54	51	42	41	48	53	58	58	65	62	57	50	52	61	60	62	55.9
White Rock	Maximum	86	80	79	75	79	81	83	78	60	64	62	63	65	73	64	58	66	72	73	76	74	76	66	60	75	71	67	78	73	66	71.4
	Minimum	63	59	60	50	55	60	61	57	45	48	41	33	41	49	54	41	39	47	49	54	58	59	58	50	48	52	45	56	55	54	51.4
Wilson	Maximum	86	83	81	75	79	82	86	80	66	68	70	60	69	75	76	63	64	75	74	81	86	82	81	74	76	71	72	85	80	72	75.7
	Minimum	58	57	58	56	46	52	57	61	50	51	51	37	35	49	51	49	34	40	47	50	56	58	62	59	52	46	40	55	55	63	51.2
Wynne /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily River Stages for April, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Fort Smith	Arkansas	22	10.6	9.2	9.0	7.7	7.4	7.4	7.2	7.0	6.8	7.1	6.6	6.6	6.3	6.1	5.8	7.3	8.2	9.0	9.2	7.8	6.9	6.7	6.3	8.2	12.7	13.0	12.2	12.0	11.0	13.3
Van Buren	do	22	11.6	10.2	9.2	8.8	8.6	8.6	8.2	8.1	7.9	8.1	7.7	7.8	7.5	7.3	7.1	8.2	9.3	9.8	10.3	9.2	8.1	7.8	7.6	9.0	13.6	14.0	13.0	12.8	12.0	14.0
Danville	Petit Jeau	20	17.6	13.9	10.1	8.3	7.1	6.4	5.9	5.6	5.3	6.3	9.1	6.8	5.5	4.9	4.6	15.8	21.9	23.6	22.6	20.6	17.1	12.8	8.8	16.8	21.3	22.3	22.3	20.3	16.5	16.7
Ozark	Arkansas	22	8.3	7.0	5.8	5.0	4.6	4.4	4.2	4.0	4.2	4.2	4.0	3.6	3.5	....	....	5.7	6.3	5.7	6.2	5.9	4.5	3.8	3.7	4.9	9.9	10.3	9.5	8.7	8.3	9.0
Dardanelle	do	22	11.6	10.3	9.0	8.0	7.3	6.8	6.6	6.4	6.1	6.2	6.5	6.1	5.6	5.5	5.2	7.0	8.4	9.2	8.6	8.8	8.1	6.7	6.0	7.2	10.6	13.1	12.8	11.7	11.0	11.4
Morrilton	do	20	7.8	6.9	5.4	4.0	3.8	2.0	1.4	1.1	0.8	0.7	1.0	1.0	0.4	0.2	-0.6	1.2	3.4	4.8	4.4	4.4	4.4	3.2	2.0	3.0	5.9	8.6	9.0	8.2	7.2	7.2
Little Rock	do	23	9.8	9.6	8.6	7.6	6.7	5.9	5.3	4.8	4.3	4.2	4.2	4.3	4.2	3.8	3.6	4.7	6.7	7.7	8.0	7.6	7.5	7.2	6.3	5.9	6.7	9.3	10.8	10.5	9.6	9.7
Pine Bluff	do	25	12.5	12.7	12.1	11.1	10.0	9.0	8.1	7.3	6.8	6.1	6.1	6.0	6.3	6.0	5.6	5.7	7.7	9.4	10.4	10.3	10.0	9.8	9.5	8.4	8.3	10.1	12.6	13.3	12.7	12.4
Gilbert	Buffalo	30	4.9	4.9	4.9	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.8	4.7	4.6	4.5	4.5	4.8	6.9	6.0	5.9	5.9	5.3	5.0	4.9	6.0	8.3	6.9	6.0	5.7	5.2	5.6
Black Rock	Black	14	10.3	9.8	9.3	9.0	8.6	8.3	8.0	7.7	7.7	7.7	7.6	7.4	7.1	7.0	6.8	6.9	7.0	6.8	6.7	6.6	6.5	6.4	6.2	6.4	7.3	8.4	8.0	7.5	7.3	7.1
Forsyth, Mo.	White	30	5.1	3.3	3.9	3.3	1.5	1.9	1.6	1.4	1.5	1.4	1.3	1.2	1.2	1.2	1.3	1.3	1.8	1.3	6.2	5.4	3.5	3.3	2.2	1.2	2.8	6.2	7.8	6.9	6.2	5.6
Cotter	do	21	5.4	5.2	4.5	4.5	4.3	4.0	4.1	4.0	3.6	3.7	3.4	3.3	3.3	3.1	3.0	3.0	4.0	3.8	3.7	5.2	5.0	4.4	3.7	5.6	4.8	5.4	5.4	5.7	6.0	5.6
Calico Rock	do	18	5.1	5.5	5.3	4.8	4.6	4.4	4.2	4.4	4.2	4.3	4.4	4.3	4.1	4.0	3.9	4.1	4.4	5.3	4.8	4.6	5.4	5.4	4.4	5.5	7.8	6.8	5.8	6.6	6.3	5.6
Batesville	do	23	10.4	10.9	10.8	10.5	10.4	10.1	11.0	10.4	10.6	9.8	10.4	10.3	10.0	9.9	9.5	11.3	10.0	11.4	10.8	10.4	10.8	11.0	10.6	11.0	14.2	14.4	12.4	11.8	12.3	12.0
Newport	do	26	13.0	12.4	12.2	11.8	10.9	10.3	9.8	9.8	9.8	9.9	9.3	9.3	9.0	8.6	8.3	9.1	11.2	10.5	10.8	10.2	9.6	9.7	9.5	9.2	12.1	14.8	14.8	13.4	12.8	12.4
Augusta	do	32	28.1	27.5	26.9	26.4	25.8	25.0	24.3	23.9	23.6	23.4	23.0	22.8	22.6	22.2	21.8	22.1	24.4	25.0	26.0	24.7	24.1	23.7	23.6	23.4	24.0	26.4	27.5	27.2	26.6	26.4
Sugar Loaf Mt.	Little Red	..	6.2	5.9	5.7	5.5	5.3	5.1	5.1	4.9	4.9	5.0	5.3	5.2	5.0	4.8	4.7	7.7	9.8	8.2	7.2	6.5	6.0	5.7	5.4	5.9	9.8	8.7	7.3	6.6	6.1	6.3
Georgetown	White	21	20.0	19.7	19.3	18.6	17.8	17.0	16.2	15.4	14.8	14.4	14.1	13.7	13.3	12.9	12.5	13.3	15.9	16.8	16.8	16.6	16.0	15.4	14.8	14.4	15.7	17.0	17.5	17.6	17.3	17.4
Des Arc	do	24	23.1	22.8	22.2	21.5	20.8	20.2	19.5	18.8	18.0	17.5	17.1	16.7	16.3	16.0	15.5	16.0	17.6	19.4	20.5	20.5	19.5	19.1	18.3	17.8	17.8	18.4	19.1	19.3	19.5	19.5
Clarendon	do	26	27.8	27.7	27.5	27.2	26.9	26.6	24.3	25.9	25.5	25.0	24.6	24.1	23.6	23.2	22.8	22.7	22.7	22.9	23.3	23.8	24.3	24.5	24.5	24.3	24.1	23.9	23.8	23.8	23.9	24.0
St. Charles	do	25	26.3	26.4	26.3	26.1	26.0	25.9	25.7	25.5	25.3	25.2	25.0	24.7	24.5	24.2	24.0	23.9	23.6	23.4	23.3	23.2	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.3	23.3	23.3
Glenwood	Caddo	..	5.9	5.7	5.6	5.5	5.4	5.4	5.3	5.3	5.2	5.6	5.4	5.3	5.2	5.2	5.2	6.1	6.6	6.0	5.8	5.6	5.5	5.2	5.3	6.0	5.9	5.6	5.5	5.4	5.5	10.8
Arkadelphia	Ouachita	17	11.6	8.1	9.7	9.3	7.9	7.6	7.3	6.4	7.3	8.3	8.0	6.4	5.7	5.0	4.7	7.6	9.9	11.6	11.7	11.3	7.8	7.1	7.4	7.5	10.2	13.2	10.9	7.6	7.1	27.5
Boughton	Little Mo.	20	12.7	10.4	7.8	7.5	7.3	7.2	6.8	6.6	6.4	6.4	8.7	8.6	8.2	7.0	6.6	8.8	13.7	15.2	15.1	12.1	10.7	7.8	7.2	7.0	10.6	11.6	9.0	7.6	7.3	13.2
Camden	Ouachita	26	34.2	34.3	33.3	31.6	29.8	27.4	24.5	21.4	18.6	16.8	16.6	17.1	16.6	14.2	13.8	12.0	13.8	18.2	21.0	22.4	22.9	22.2	20.2	16.2	15.3	16.0	18.8	18.8	18.0	14.7
Benton	Saline	20	9.0	8.4	7.7	7.4	7.2	6.8	6.6	6.5	6.3	6.3	6.7	6.3	6.0	5.9	5.7	8.2	10.3	8.4	8.0	7.9	6.9	6.6	6.3	7.1	9.1	9.2	8.0	7.3	6.7	23.0
Index	Red	25	14.5	13.6	13.3	12.8	12.0	11.1	10.8	10.5	10.3	10.1	9.9	9.9	9.8	11.1	10.5	10.2	10.2	11.6	13.2	13.2	12.4	11.3	11.2	10.5	10.5	13.8	15.2	14.8	14.2	12.8
Fulton	do	25	19.2	18.5	17.9	17.0	15.6	14.0	12.6	11.8	11.2	11.0	11.0	10.9	11.5	12.2	11.6	11.5	12.7	14.2	15.9	16.8	16.7	16.3	15.6	14.6	13.3	15.6	17.7	18.4	18.0	17.1
St. Francis	do	18	11.8	11.3	10.9	10.5	10.2	9.9	9.6	9.2	9.1	8.9	8.9	8.7	8.5	8.3	8.1	7.9	7.8	7.7	7.6	8.3	9.1	9.5	9.6	9.7	10.8	12.7	13.2	12.9	12.5	12.1
St. Francis L.L.	do	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
Marked Tree	do	17	9.4	9.0	8.5	8.3	8.0	7.8	7.7	7.6	7.5	7.8	7.7	7.7	7.5	7.3	7.2	7.7	7.6	7.4	7.3	7.1	7.0	7.0	6.9	7.1	7.1	7.1	7.0	6.9	6.9	6.8
Parkin	do	28	19.3	18.3	17.3	16.3	15.5	14.8	14.1	13.6	13.0	12.7	12.4	11.9	11.2	10.6	10.1	11.7	13.1	12.7	11.7	10.7	10.0	9.5	9.1	8.9	8.9	8.9	8.8	8.6	8.4	8.3
Madison	do	32	23.4	23.2	22.6	22.1	21.5	21.1	20.5	19.6	19.1	18.2	17.2	16.3	15.3	14.2	13.2	13.9	14.9	14.7	13.6	12.5	11.6	10.9	10.5	9.9	10.0	10.0	9.7	9.5	9.3	9.0
Helena	Mississippi	44	36.2	36.4	36.5	36.6	36.5	36.2	35.7	34.9	33.9	32.6	31.2	29.6	28.2	27.0	25.7	24.2	22.8	21.4	20.2	19.3	18.7	18.5	18.4	18.3	18.0	17.5	16.9	16.3	15.4	14.9
Arkansas City	do	42	32.6	32.8	33.0	33.1	33.2	33.2	33.0	32.7	32.2	31.7	30.8	29.8	28.8	27.6	26.6	25.7	24.4	23.2	22.4	21.7	21.0	20.4	20.1	19.8	19.6	19.2	18.9	19.0	19.0	18.5

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg: Green Mountain, Calico Rock: Index, Route 5, Texarkana; Lutherville, Route 1. Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3. Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2. Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O. Fort Worth, Texas—7-9-1946—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LI LITTLE ROCK, ARK., MAY, 1946 No. 5

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The principal abnormalities of May weather were persistent coolness, excessive rainfall, and above average number of cloudy days. Field work and crop growth lagged, and all farm operations were considerably behind schedule at the end of the month.

Temperatures averaged almost three degrees below normal during the month, and it was the second coldest May in the past fifteen years. The first three days were quite warm with temperatures around 90° on the 2d. Cool weather predominated during the remainder of the month, and above normal temperatures occurred infrequently. The highest temperatures were registered on the 2d or 30th at most stations, while the lowest temperatures occurred on the 5th or 12th. No freezing weather was reported but light frost was observed on the morning of the 12th in the northwestern section.

May was unusually wet, precipitation being more than double the average of previous months of that name. Also, it was the wettest month since March, 1945. Rainfall was heaviest in the west-central section where some stations measured over fifteen inches, and lightest in Mississippi County where the average was about four inches. The number of rainy days was above normal, some stations reporting rain every day between the 10th and 20th. Precipitation was exceptionally heavy on the 23d and 24th over much of the State, with many stations measuring over four inches in a 24 hour period. These heavy rains caused moderate flooding along the White, Black, and Ouachita rivers.

May was too cool and wet for crop growth and field work. Cotton chopping and cultivation was possible only on the drier uplands. Considerable bottom land along the rivers was inundated with resultant loss in growing crops. Cotton and corn made poor progress, fields became rank with growth, and dry, warm weather was urgently needed at the close of the month. However, hay and feed crops made excellent growth, and pastures continued in good condition. The wet weather delayed the oat harvest, and heavy rains and wind resulted in much lodging.

B. N. W.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 77 stations, was 66.4°, which is 2.7° below the 56 year average for May. The highest monthly mean temperature was 70.6° at Magnolia, and the lowest was 60.8° at White Rock. The highest temperature recorded was 93° at Pine Bluff on the 2d, and the lowest was 33° at Fayetteville Exp. Sta., Crossett and Lead Hill on the 12th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 101 stations, was 9.47 inches, which is 4.42 inches above the 56 year average for May. The greatest monthly total was 18.51 inches at Forester, the least was 4.39 inches at Osceola. The greatest amount recorded in a 24 hour period was 6.60 inches at Marianna on the 23d.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:---1,2,9,10,11,13,14,15,16,17,19,20,23,24,25,29,30,31.
High Winds:---2,3,10,11,17,19,23,24,25.
Heavy Fog:---1,2,11,12,16,23,24,27.
Hail:---2,10,11,12,17,18,19,20,30.

Pressure, Wind, Humidity, Sunshine and Degree Days

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Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.20	8	29.61	19	7.1	36	w.	2	89	63	62	54	50
Little Rock	30.20	8	29.66	17	7.6	27	nw.	2	87	64	65	63	32
Memphis.	30.16	8	29.61	17	7.3	27	nw.	2	87	63	65	50	29

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	67 8	95	36	9.52	0 0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0 0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0 0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70 8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67 6	97	30	6.31	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0 0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
1939	69.4	96	34	4.85	0.0	10	13	9	9
1940	66.6	96	33	3.62	0.0	9	17	8	6
1941	71.4	97	40	2.22	0.0	6	14	10	7
1942	68.0	100	36	3.89	0.0	8	13	10	8
1943	71.0	95	38	7.89	0.0	10	10	9	12
1944	70.3	96	28	6.42	0.0	12	10	11	10
1945	66.2	99	32	5.23	0.0	7	13	9	9
1946	66.4	93	33	9.47	0.0	14	10	9	12
Period	69.1	107	24	4.97	T.	9	13	10	8

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Climatological Data for May, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork .... ***	Saline	755	9	65.6	......	85	2	43	5	10.41	......	4.20	23	0	12	6	15	10	w.	L. R. Water Works
Arkadelphia	Clark	200	50	67.6	-3.2	88	2	47	5	8.53	+3.33	2.09	23	0	17	10	5	16	s.	W. H. Halliburton
Arkansas City	Desha	145	61	......	......	......	......	......	......	5.16	+0.64	1.18	25	0	18	14	3	14	......	John W. Trammell
Ashdown	Little River	329	2	68.6	......	87	2	48	21	11.64	......	4.04	11	0	17	5	16	10	s.	Southwestern G. & E.
Batesville Airway	Independence	363	10	68.4	-2.8	86	30	43	5	11.02	......	2.96	24-25	0	14	5	12	14	nw.	Airway Observer
Batesville Livestk.	Independence	500	5	64.5	......	89	18	42	8†	13.90	......	2.90	23	0	10	10	5	16	s.	University of Arkansas
Batesville River	Independence	277	46	......	......	......	......	......	......	12.07	+7.14	2.39	23-24	0	13	10	4	17	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	64.2	-4.1	83	30	40	5	11.46	+6.26	2.94	2	0	12	6	17	8	n.	Minnie Scanlan
Benton	Saline	285	10	64.4	-3.8	86	2	41	5	9.95	......	4.28	23	0	15	20	4	7	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	62.8	-2.7	86	30	36	12	9.88	+4.79	3.45	24	0	16	9	11	11	s.	E. L. Brown
Bethesda .... ***	Independence	500	6	63.8	......	89	18	41	5	14 79	......	3.54	2	0	10	8	10	13	nw.	Soil Cons. Service
Big Lake Outlet .. ***	Mississippi	239	15	......	......	......	......	......	......	5.81	+2.46	1.99	24-25	0	15	7	17	7	se.	N. W. Douglas
Black Rock	Lawrence	259	44	......	......	......	......	......	......	8.86	+4.00	1.73	15-16	0	10	9	8	14	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	5	68.9	......	86	2†	49	8	7.50	......	1.54	10-11	0	14	11	17	3	s.	Ark. Forestry Com.
Blytheville	Mississippi	252	20	66.6	-3.6	85	29	45	5	4.41	+0.82	1.58	23-24	0	11	15	6	10	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	31	67.4	-2.5	87	30	42	12	6.42	+1.04	1.62	23	0	14	9	12	10	e.	F. H. Randolph
Boughton .... ***	Clark	235	10	......	......	......	......	......	......	7.62	......	1.28	30	0	16	10	7	14	......	Katie B. Moore
Brinkley	Monroe	205	54	66.8	-3.2	88	30	45	9	8.71	+3.32	2.89	23	0	14	6	6	19	s.	U. S. Weather Bureau
Calico Rock	Izard	361	41	......	......	......	......	......	......	10.60	+5.82	3.65	15-16	0	13	..	..	..	......	William Jones
Camden	Ouachita	116	60	69.2	-1.8	89	21	50	8†	7.66	+3.25	1.22	11	0	18	7	13	11	se	J. M. Knight
Camp Chaffee	Sebastian	419	2	67.2[a]	......	88[a]	30	42[a]	12	8.65	......	1.86	30-31	0	18	11	6	14	se.	U. S. Army
Camp Robinson	Pulaski	463	5	66.2	......	86	2	45	5	6.92	......	2.74	23	0	13	7	10	14	se.	U. S. Army
Clarendon	Monroe	172	41	......	......	......	......	......	......	9.27	+4.82	4.80	23-24	0	14	11	2	18	......	B. F. Northern
Conway	Faulkner	309	62	67.8	-2.2	87	2	45	5	9.04	+3.87	2.44	23	0	15	11	14	6	nw.	G. Y. Short
Corning	Clay	293	52	66.0	-2.4	87	30	44	8	14.39	+9.95	6.01	30-1	0	15	12	6	13	w.	Mrs. Laura Polk
Cotter	Baxter	440	18	......	......	......	......	......	......	11.45	+6.47	3.92	15-16	0	12	9	12	10	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	33	69.8	-1.6	89	2†	47	9	9.59	+5.45	2.30	31	0	12	10	7	14	s.	U. S. Forest Service
Cummins Farm .. ***	Lincoln	176	2	68.4	......	88	30	50	5	10.90	......	3.10	1-2	0	13	11	13	7	s.	T. C. Cogbill
Danville	Yell	327	29	......	......	......	......	......	......	11.08	+6.08	2.40	30-31	0	13	7	5	19	......	J. A. Moudy
Dardanelle	Yell	330	59	69.4	-0.9	89	30	46	5	8.17	+2.85	1.47	30	0	15	4	17	10	s.	Geo. N. Goodier
DeQueen	Sevier	426	10	67.6	......	83	2†	48	5†	6.22	......	0.98	13	0	13	11	9	11	......	L. D. McCowan
Des Arc	Prairie	204	7	67.8	......	86	2†	46	5	9.87	......	3.78	23-24	0	12	6	3	22	s	Z. R. Glenn
Devils Knob ..... ***	Johnson	2350	9	......	......	......	......	......	......	......	......	......	......	......	......	......	..	....	......	U. S. Forest Service
Dumas	Desha	162	40	69.2	-2.2	91	30	49	5†	9.07	+4.41	1.73	25	0	18	10	5	16	s.	Ben Johnson
El Dorado	Union	270	45	68.0	-3.6	85	2	50	5	10.70	+6.00	2.13	12-13	0	13	12	9	10	s.	Airway Observer
England	Lonoke	229	39	......	......	......	......	......	......	......	......	......	......	......	......	......	......	....	......	O. V. Halbrook
Eureka Springs	Carroll	1465	45	62.6	-4.1	82	30	35	12	8.90	+3.19	2.00	24-25	0	16	18	5	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	63.2	......	83	30	35	12	9.85	......	3.06	24-25	0	16	4	13	14	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	58	62.0	-4.5	84	30	33	12	10.22	+4.08	3.71	24	0	15	7	17	7	s.	University of Arkansas
Fordyce	Dallas	280	5	69.4	-1.9	88	2	49	5	10.58	+6.90	1.74	11	0	14	7	14	10	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	66.1	+5.3	88	30	42	12	8.55	+3.73	2.40	23	0	17	5	11	15	ne.	U. S. Weather Bureau
Fort Smith Wtr. P. ***	Crawford	793	8	......	......	......	......	......	......	8.92	......	2.00	23	0	14	17	6	8	......	Ft. Smith Water Dept
Fulton	Hempstead	260	60	......	......	......	......	......	......	10.45	+5.94	2.31	10-11	0	15	8	17	11	......	Ina J. Logan
Garland	Miller	225	3	......	......	......	......	......	......	12.04	......	2.18	10-11	0	14	9	0	22	......	L. D. Denney
Georgetown, 2 mi. se	White	200	33	......	......	......	......	......	......	8.53	+4.31	2.30	23-24	0	12	15	0	16	......	J. S. McDonald
Gilbert	Searcy	600	20	62.7	......	85	30	39	8†	8.70	+3.56	2.60	15-16	0	11	7	9	15	s.	D. O. Dennis
Glenwood	Pike	547	10	......	......	......	......	......	......	11.56	......	2.25	24-25	0	19	9	2	20	......	C. A. Price
Grannis	Polk	950	26	65.6	-2.1	84	2	44	5	14.31	+8.40	4.38	24-25	0	17	4	14	13	se.	W. E. McVay
Gravette	Benton	1250	48	62.4	-3.2	83	24	33	12	7.64	+2.10	1.43	31	0	13	10	14	7	sw.	J. A. Schmidt
Green Mountain .. ***	Stone	1100	8	....	......	......	......	......	......	....	......	...	......	......	..	..	..	..	......	U. S. Forest Service
Harrison	Boone	1052	45	63.4	-2.8	82	30	38	12†	9.58	+4.27	3.14	15	0	13	9	13	9	sw.	J. M. McGaughey
Helena	Phillips	300	73	66.6	-4.1	86	30	47	5†	10.09	+5.69	3.28	23-24	0	17	9	6	16	ne.	James A. Burnett
Hope 3 miles e.	Hempstead	375	75	68.3	-2.7	87	1	50	5	6.76	+1.67	1.08	10-11	0	16	7	12	12	se.	Univ. of Arkansas
Hot Springs	Garland	600	53	67.6	-2.7	86	2	45	5	13.91	+8.17	4.54	23	0	14	13	11	7	s.	National Park Service
Index .... ***	Little River	275	28	......	......	......	......	......	......	10.35	+6.04	4.10	10-11	0	15	21	1	9	......	W. E. McDowell
Jessieville	Garland	750	19	......	......	......	......	......	......	......	......	......	......	......	......	......	......	...	......	U. S. Forest Service
Jonesboro	Craighead	345	50	65.8	-3.9	87	30	45	5†	10.62	+6.60	2.44	30-31	0	16	8	7	16	sw.	Benedictine Sisters
Lead Hill	Boone	650	39	63.1	-3.8	85	24†	33	12	10.38	+4.98	1.90	15	0	12	15	8	8	s.	F. W. Kellogg
Little Rock	Pulaski	257	66	67.4	-2.9	86	2	48	5	9.67	+4.89	5.11	23	0	12	4	10	17	se.	U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	47	65.4	-2.5	84	30	47	8†	7.51	+1.90	1.81	31	0	14	12	11	8	e.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	......	......	......	......	......	......	8.00	+4.34	2.15	23	0	13	7	2	22	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	70.6[b]	-1.3	88[b]	2	52[b]	5†	11.64	+7.03	2.73	18-19	0	14	7	11	13	se.	State Agri. School
Mammoth Spring	Fulton	600	41	64.8	-1.8	84	23†	38	9	10.09	+5.48	2.65	1	0	11	5	23	3	w.	L. A. O'Neal
Marianna	Lee	235	34	67.0	-3.6	88	30	43	6	13.17	+9.25	6.60	23	0	13	16	8	7	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	41	66.2	-3.0	87	30	45	5	7.29	+2.49	2.25	24-25	0	10	14	13	4	n.	Chas. Walton
Marshall	Searcy	1050	27	......	......	......	......	......	......	......	......	......	......	......	......	......	......	...	......	Roy Richardson
Mena	Polk	1207	57	66.0	-2.8	85	1†	43	5†	16.19	+9.98	3.48	30-31	0	15	13	5	13	sw.	E. W. St. John
Monticello	Drew	273	5	69.0	......	89	2	47	8	8.20	......	1.86	24-25	0	14	8	11	12	se.	Airway Observer
Morrilton .... ***	Conway	315	29	66.2	-3.3	85	30	46	13	9.32	+4.70	1.95	19	0	10	12	3	15	se.	L. A. Dicus
Mountainburg	Crawford	712	8	......	......	......	......	......	......	8.87	......	2.15	22-23	0	12	18	0	13	n.	C. A Lovell
Mountain Home . ***	Baxter	800	33	64.2	-2.7	85	30	38	12	11.87	+6.56	3.90	15-16	0	14	12	5	14	w.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	65.7	-2.3	84	28†	39	5	14.12	+8.44	3.55	23	0	14	8	13	10	sw.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	7	......	......	......	......	......	......	7.94	......	1.97	23-24	0	13	10	4	17	......	H. G. Arvin
Nashville	Howard	350	7	68.4	......	85	1†	50	5	7.33	......	1.16	23	0	14	11	7	13	ne.	Brice Carruth
Newport	Jackson	231	62	67.9	-2.0	90	30	46	5	11.22	+6.99	3.85	24-25	0	15	9	2	20	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	4	65.5	......	86	30	41	12	9.19	......	2.12	23-24	0	14	9	7	15	se.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	18	65.6	......	87	4†	42	3†	13.23	+8.16	2.91	23	0	14	10	7	14	s.	U. S. Forest Service
Okay	Howard	288	17	69.5	-1.7	87	24	49	8†	7.26	+2.40	1.40	11	0	15	10	11	10	se.	J. T. Hargis
Osceola	Mississippi	250	45	......	......	......	......	......	......	4.39	-0.37	1.62	24	0	9	11	12	8	......	C. E. Carter
Ozark	Franklin	396	50	66.4	-3.1	85	30	45	5	5.11	-0.37	1.17	23	0	15	10	8	13	se.	Orkney O. Milton
Paragould	Greene	275	22	65.9	......	87	30	43	5	8.39	+4.20	2.18	24-25	0	14	12	11	8	sw.	J. E. Garrett
Parkin, 2mi. w.	Cross	222	15	......	......	......	......	......	......	7.97	+4.80	3.30	24-25	0	8	10	2	19	......	Carroll King
Perryville	Perry	325	6	66.2	-1.3	86	2	40	12	8.67	+2.93	2.53	23	0	15	7	17	7	s.	Gordon Bennett
Pine Bluff	Jefferson	215	58	69.3	-2.1	93	2	52	5†	8.07	+3.66	1.68	23	0	17	10	13	8	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	21	......	......	......	......	......	......	15.42	+9.86	2.21	19-20	0	17	7	8	16	sw.	J. R. Huddleston
Pocahontas	Randolph	300	52	65.2	-3.3	86	30	40	5	9.45	+4.75	2.76	24-25	0	15	9	8	14	sw.	Benedictine Sisters
Portland	Ashley	122	39	70.0	-1.7	88	2	52	8	6.06	+1.36	1.75	19	0	12	8	9	14	s.	Mrs. Pearl Newton
Prescott	Nevada	318	57	69.8	-1.7	88	3	49	5†	8.11	+3.22	0.92	12-13	0	16	7	8	16	s.	R. P. Hamby
Rogers	Benton	1300	55	62.8	-3.2	82	30	35	12	11.12	+5.77	3.30	24	0	15	11	12	8	se.	Howard Fowler
Russellville	Pope	526	33	67.0	-3.0	87	30	44	5	8.65	+3.16	2.34	23	0	16	9	15	7	e.	U. S. Forest Service
St. Charles	Arkansas	175	12	67.9	......	90	11	46	8	7.90	......	1.20	30-31	0	15	6	11	14	ne.	U. S. Biological Survey
St. Francis	Clay	290	18	......	......	......	......	......	......	8.51	+4.59	1.95	24-25	0	13	14	0	17	......	Wm. S. Buckley
Searcy	White	245	35	67.6	-1.4	88	30	45	5	8.73	+4.21	2.32	23	0	16	13	6	12	se.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	5	65.8	......	87	2	42	5	6.82	......	1.85	23	0	15	6	16	9	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	62.1[a]	......	83[a]	24†	34[a]	12	10.07	......	1.67	15	0	14	10	11	10	s.	John Brown Univ.
Story	Montgomery	650	21	......	......	......	......	......	......	10.56	+5.69	2.40	15-16	0	11	12	9	10	s.	S. C. Story
Stuttgart	Arkansas	214	58	68.2	-1.9	86	2†	49	5	7.63	+3.00	1.58	23-24	0	16	12	11	8	s.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	10	67.8	......	87	30	50	5†	6.74	......	1.50	3	0	16	12	8	11	......	University of Ark.

Climatological Data for May, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	47	65.9	− 4.1	84	30	44	12	7.40	+2.15	1.62	30–31	0	13	16	7	8	s.	New Subiaco Abbey
Texarkana	Miller	332	61	69.2	− 2.2	86	24	53	5†	12.05	+7.53	2.92	12–13	0	15	6	10	15	e.	U. S. Weather Bureau
Turnpike***	Pope	2240	21	62.0	......	78	30	40	12	9.11	+3.19	1.79	2	0	14	8	14	9	se.	U.S Forest Service
Waldron	Scott	675	26	67.1	......	87	30	43	5†	9.91	+4.35	2.15	30–31	0	12	8	14	9	nw.	William D Bivens
Warren	Bradley	206	51	69.9	− 1.7	88	2	51	5†	9.18	+4.62	1.88	31	0	17	11	11	9	ne.	C. N Turner
Whitecliffs	Little River	290	39	....	......	......	......	......	......	10.56	+5.75	2.10	10–11	0	12	10	8	13	......	L. M. Snead
White Rock***	Franklin	2285	9	60.8	......	79	29	39	12	7.91	......	1.72	23	0	14	18	3	10	se.	U. S. Forest Service
Wilson	Mississippi	237	20	66.2	− 3.7	87	30	43	8	5.51	+1.28	1.30	25	0	6	16	2	13	sw.	D. O. Anderson
Wynne	Cross	167	37	....	......	......	......	......	......	....	......	....	......	......	......	......	......	......	......	Mrs. C. A. Ford
State Means		....	..	66.4	− 2.7	93	2	33	12	9.47	+4.42	6.60	23	0	14	10	9	12	s.	

Daily Precipitation for May, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	.50	....	1.18	....	....	....	.20	....	....	.36	.20	...	.03	.05	....	1.11	.67	....	....	....	....	....	.68	.65	.10	....	....	....	.29	....	1.02	7.04
Alum Fork Reser.	Arkansas	.90	....	.52	....	....	T.	T.	....	....	....	....	.35	.50	T.	1.14	....	.88	T.	.37	.15	....	....	4.20	.07	.58	....	....	....	T.	....	.75	10.41
Aplin[2]	Arkansas	.13	....	.03	....	....	....	.04	....	....	.15	.83	.05	.26	....	.07	1.02	.58	....	.03	2.27	....	....	.80	1.58	.80	....	....	....	....	....	.76	9.40
Arkadelphia[2]	Ouachita	.03	....	.62	....	....	....	....	....	....	....	.59	.38	.59	.11	.31	.52	.73	T.	.32	.38	....	....	1.30	.79	.86	....	....	....	.04	.10	.86	8.53
Arkansas City[2]	Mississippi	.60	....	.26	.01	....	....	.26	....	....	....	.31	.22	.39	.30	.11	.03	.07	.20	.11	.50	....	....	.09	.51	1.18	.01	....	....	....	....	T.	5.16
Ashdown[2]	Red	....	....	.23	....	....	....	....	....	....	....	4.04	.05	.98	.81	.76	.28	.55	....	.53	.40	.06	.01	.35	....	1.04	....	....	....	.98	.04	.53	11.64
Augusta[2]	White	.96	.35	.84	....	....	....	.42	.01	....	....	.92	.37	....	T.	.05	.58	.47	T.	T.	.28	T.	....	.37	1.38	1.48	....	....	....	....	....	1.07	9.55
Batesville Air'y[3]	White	.04	2.69	....	....	....	....	....	....	....	.10	.08	....	....	....	.72	.38	.28	....	.15	.20	....	....	2.41	2.76	.20	....	....	....	....	.04	.97	11.02
Batesville Livestk[2]	White	1.96	....	2.60	....	....	....	....	....	....	.06	.12	....	....	....	....	1.40	.42	....	.19	....	....	....	....	2.90	2.35	....	....	....	....	....	1.90	13.90
Batesville River[2]	White	1.65	.07	2.32	....	....	....	....	....	....	....	.20	.03	....	....	....	.78	.28	.13	....	.48	....	....	.09	2.30	2.88	....	....	....	....	....	.86	12.07
Beaty Lake	St. Francis	2.21	.36	.46	....	....	....	.06	....	....	.20	.29	.22	T.	....	.09	.40	.51	....	.09	.03	....	....	1.25	.05	1.76	....	....	....	....	T.	.49	8.47
Beaver[2]	White	.01	....	.67	....	....	....	.21	....	....	.45	.40	....	....	.35	....	.81	.44	....	.77	.30	....	....	.95	1.30	1.46	....	....	....	....	....	1.05	9.17
Bee Branch	Arkansas	.23	1.27	1.67	....	....	....	.58	....	....	....	.70	....	.08	....	1.60	.59	....	....	.50	....	....	....	2.44	.56	....	....	....	....	....	....	1.24	11.46
Beech Grove[2]	White	2.04	.11	1.31	....	....	....	....	....	....	.13	.63	.03	....	....	....	1.45	.05	....	....	.12	.06	....	.02	1.26	2.13	T.	....	....	....	....	.80	10.14
Beedeville[2]	White	.96	.12	2.51	....	....	....	T.	T.	....	....	.84	.22	....	....	....	1.05	.08	.09	....	.15	.05	....	....	1.50	2.96	....	....	....	....	....	.50	11.03
Benton[2]	Saline	.33	.12	.46	....	....	....	....	....	....	....	.44	.06	.42	....	.15	.37	.82	....	.03	1.04	....	....	.74	3.54	.76	....	....	....	....	....	.67	9.95
Bentonville[2]	Arkansas	....	.16	....	....	....	....	.46	....	.75	.28	.01	....	.06	.12	.65	.09	.33	....	*	1.60	....	....	1.42	*	3.45	....	....	....	....	....	.50	9.88
Bethesda[2]	White	1.69	....	3.54	....	....	....	....	....	....	....	....	.20	....	....	....	1.39	.46	....	....	.20	....	....	.55	2.34	2.74	....	....	....	....	....	1.68	14.79
Big Flat[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Big Lake Outlet[2]	St. Francis	.46	.05	.29	.01	....	....	T.	....	....	.02	.65	.07	T.	....	T.	.89	.14	T.	....	.10	.15	....	....	.93	1.99	T.	.01	....	....	....	.14	5.81
Black Rock[2]	White	.18	.20	1.02	....	....	....	....	....	....	.33	.43	....	....	....	....	1.73	.15	....	....	.30	....	....	....	2.14	1.64	....	....	....	....	....	.74	8.86
Bluff City	Ouachita	....	....	.27	....	....	T.	....	T.	....	.09	1.45	.19	1.13	.40	.50	....	.71	....	.44	.05	....	....	.15	T.	.71	....	....	....	.20	....	1.21	7.50
Blytheville[2]	St Francis	.17	....	.18	....	....	....	....	....	....	....	.64	.05	....	....	.24	.10	.09	....	....	.22	....	.80	....	1.58	....	....	....	....	....	.34	....	4.41
Booneville 3 mi. w	Arkansas	....	.89	....	....	....	....	....	....	.14	.26	.33	....	.03	.01	*	.74	.79	....	.08	....	....	....	1.62	....	.25	....	....	....	.05	....	1.23	6.42
Booneville[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Boughton[2]	Ouachita	....	....	.25	....	....	....	.20	....	....	....	.35	.15	.85	.55	.40	.60	.80	....	.40	.20	....	....	.78	.25	.32	....	....	....	.24	....	1.28	7.62
Bradford[2]	White	.75	.83	1.29	....	....	....	T.	.10	....	.03	.57	.04	....	....	.20	.66	.27	.01	....	.29	....	....	....	2.33	2.10	....	....	....	....	....	1.04	10.51
Brinkley[3]	White	1.31	.74	.02	....	....	....	....	....	....	.20	.38	....	T.	....	.46	.02	.45	....	.11	.02	....	....	2.89	T.	.64	....	....	....	....	.75	.72	8.71
Burdette	Mississippi	.20	....	.34	....	....	....	....	....	....	....	.83	.19	....	....	.31	....	.41	....	....	....	....	....	.97	.01	1.54	....	....	....	....	....	.37	5.17
Calico Rock[2]	White	.24	.30	.75	....	....	.03	.05	....	....	.35	.15	....	....	....	....	3.65	.65	....	....	*	.68	....	T.	.88	1.64	....	....	....	....	....	1.23	10.60
Camden[2]	Ouachita	.03	....	.73	....	....	....	.02	....	....	....	1.22	.17	1.04	.63	.25	.08	.77	.25	.46	.28	....	....	.11	.21	.52	....	....	....	....	.15	.74	7.66
Camp Chaffee[2]	Arkansas	.03	.02	.88	....	....	T.	.01	....	....	.68	.20	....	.03	.07	.21	.44	1.16	....	....	.05	....	T.	1.64	.90	.18	....	....	....	.21	.08	1.86	8.65
Camp Robinson[1]	Arkansas	....	.93	....	....	....	.03	....	....	....	.57	.53	....	.13	....	.33	....	.44	....	.27	.21	....	....	2.74	.01	.04	....	....	....	....	....	.69	6.92
Carlisle[2]	Arkansas	.41	....	1.42	....	....	....	....	....	....	....	....	....	2.00	....	....	.45	.38	....	....	.62	....	....	....	4.68	....	....	.49	....	....	....	.64	11.09
Clarendon[2]	White	1.95	....	.70	....	....	....	....	.01	....	....	1.31	.09	....	....	T.	.45	.19	.17	.05	.36	....	....	.01	2.80	.41	....	....	....	....	....	.77	9.27
Cold Springs[2]	Ouachita	....	....	2.05	....	....	....	....	....	....	.80	.55	....	.18	.02	....	.90	.60	....	.10	....	.10	....	1.00	2.00	....	....	....	....	.18	....	1.32	9.80
Conway	Arkansas	.04	T.	.70	....	....	T.	....	....	....	.38	1.37	.08	.09	T.	1.26	.07	.69	....	.52	.12	....	....	2.44	.05	.53	....	....	T.	....	....	.70	9.04
Corning[2]	White	6.01	.09	.52	....	....	....	.10	....	....	.52	1.57	....	....	....	....	1.70	.02	.24	....	.05	.07	....	.03	1.29	1.64	....	....	....	....	....	.54	14.39
Cotter[2]	White	....	T.	1.12	....	....	....	.13	....	....	.26	.29	....	....	....	....	3.92	.83	....	.52	.15	....	....	.18	.64	1.73	....	....	....	....	....	1.68	11.45
Crossett	Ouachita	.13	....	.31	....	....	T.	.22	....	....	....	.59	.71	1.33	.05	.10	....	.73	....	1.92	....	....	....	T.	....	1.15	....	....	....	T.	....	2.30	9.59
Crystal Valley[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	1.10	....	.40	....	.32	.25	.50	....	....	.50	....	....	*	3.25	.58	....	....	....	....	....	.65	7.55
Cummins Farm	Arkansas	.30	2.80	....	....	....	T.	....	....	....	.10	.80	....	.25	T.	.25	.20	1.20	....	.90	.40	....	....	1.10	....	.70	....	....	....	....	T.	1.90	10.90
Danville[2]	Arkansas	.02	....	1.19	....	....	T.	....	....	....	.29	1.31	....	.15	....	....	1.10	.63	....	T.	.77	....	....	1.02	1.14	1.04	....	....	....	T.	.02	2.40	11.08
Dardanelle[2]	Arkansas	.12	....	.50	....	....	....	.40	....	....	.20	.67	.12	.04	....	....	1.23	.50	....	.04	.59	....	....	.72	1.36	.21	....	....	....	....	....	1.47	8.17
De Queen	Red	....	.28	.46	....	....	....	....	....	....	.44	....	.40	.98	.53	.28	....	.65	....	.52	....	....	....	.34	.12	....	....	....	....	.80	.42	....	6.22
Dermott[2]	Mississippi	.24	....	.40	....	....	.50	....	....	....	....	....	.54	....	1.20	....	....	1.20	....	....	.59	....	....	....	.24	.66	....	....	....	....	....	....	5.57
Des Arc[2]	White	1.63	.03	.99	....	....	....	T.	....	....	....	1.00	.09	....	T.	....	.59	.31	.02	....	.29	....	....	....	3.78	.48	....	....	....	....	....	.66	9.87
Devils Knob	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Dumas	Mississippi	.05	.05	.72	....	....	T.	.02	....	....	.21	.86	.03	.68	.07	.04	.10	1.32	....	.41	.20	....	....	.62	....	1.73	....	....	....	....	.61	1.35	9.07
Eagle Gap[2]	Arkansas	....	....	1.04	....	....	....	.04	....	....	.47	.79	T.	.77	T.	.10	.65	.99	....	.53	.02	....	....	3.26	.67	1.05	....	....	....	.32	....	4.22	14.92
El Dorado	Ouachita	....	....	....	....	....	....	....	....	.13	1.12	....	.90	2.13	.12	.22	.70	....	....	1.70	....	....	....	.78	....	.35	....	....	....	1.05	.80	.70	10.70
Eleven Point[2]	White	.63	.09	.60	T.	T.	....	....	....	....	.20	.70	....	....	T.	.53	1.53	....	....	.08	.02	T.	....	....	1.02	1.43	T.	....	....	....	....	.95	7.78
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Eureka Springs	White	....	.65	.10	....	....	....	.12	....	.53	.43	.14	....	.07	.33	.70	.25	.43	....	.88	....	....	....	1.22	.75	1.25	....	....	....	....	....	1.05	8.90
Evening Shade[2]	White	2.49	.33	.64	....	....	T.	....	....	....	.18	.26	....	....	....	T.	1.44	.40	....	....	1.26	....	....	.35	1.51	1.69	....	....	....	....	....	1.08	11.65
Fayetteville	White	....	.49	T.	....	....	.04	.32	....	.73	.20	.03	....	.18	.39	.89	.08	.55	....	.79	T.	....	....	1.20	2.35	.71	....	....	....	....	....	.90	9.85
Fayetteville Exp.[8]	White	....	.35	....	T.	....	....	.35	....	.76	.16	.02	....	.10	.24	.64	.10	.68	....	1.07	T.	....	....	1.17	.02	3.69	....	....	....	T.	....	.87	10.22
Fordyce	Arkansas	....	....	1.02	....	....	....	....	....	....	.19	1.74	.18	.92	.12	.68	....	.66	....	.77	.07	....	....	1.35	....	.52	....	....	....	.83	....	1.53	10.58
Forester[2]	Arkansas	....	....	.88	....	....	T.	....	....	....	.20	.45	....	.50	T.	.25	....	.68	....	.05	.75	....	....	2.00	3.16	4.79	....	....	....	....	....	4.80	18.51
Fort Smith[1]	Arkansas	.39	1.26	....	T.	....	....	.02	....	.47	.21	.01	.02	.01	.06	.84	....	1.05	....	.01	T.	....	T.	2.40	.16	....	....	....	....	.30	.96	.38	8.55
Fort Smith W.[2]	Arkansas	.73	.65	....	....	....	....	.15	....	....	.46	.10	....	....	....	.92	.46	.48	....	.29	....	....	....	*	2.00	1.21	....	....	....	.06	....	1.41	8.92
Fulton[2]	Red	T.	....	.39	....	....	....	T.	....	....	....	2.31	.33	1.14	1.23	.55	.31	.82	....	.75	.74	T.	....	.15	....	.33	....	....	....	.90	.13	.37	10.45
Garland[2]	Red	....	....	.46	....	....	....	....	....	....	....	2.18	.42	1.64	.52	.84	....	.61	....	1.37	.35	....	....	.28	T.	.33	....	....	....	1.42	.43	1.19	12.04
Georgetown[2]	White	1.38	.23	.90	....	....	....	....	T.	....	....	.85	.09	T.	....	....	.67	.15	.20	....	.15	....	....	....	2.30	.76	....	....	....	....	....	.85	8.53
Gilbert[2]	White	....	.05	1.90	....	....	....	.25	....	....	.25	.30	....	....	....	....	2.60	.70	....	.30	....	....	....	.15	.85	1.35	....	....	....	....	....	....	8.70
Glenwood[2]	Ouachita	.18	.10	.41	....	....	....	.18	....	....	....	1.03	.04	.82	.06	.36	.53	.57	....	.36	.74	....	....	1.12	1.76	2.25	....	....	....	.26	.11	.68	11.56
Grannis	Red	....	....	.82	....	....	....	.04	....	T.	....	1.75	.02	.82	.21	.55	.37	1.00	....	.37	.58	....	.72	.65	T.	4.38	....	....	.64	....	.02	1.37	14.31
Gravelly[2]	Arkansas	....	....	.98	....	....	T.	.40	....	....	.25	.32	....	.35	....	..	.94	.82	....	....	.43	....	....	.46	1.83	2.22	....	...	....	.50	.20	3.47	13.17
Gravette	Arkansas	....	.53	....	....	....	....	.67	....	.50	.13	....	....	.05	.02	.98	.03	.41	....	1.16	....	....	....	1.10	.63	....	....	....	....	....	....	1.43	7.64
Green Forest	White	....	....	1.19	....	....	....	.37	....	....	.46	.52	.70	....	.10	..	1.36	.60	.70	....	.03	....	....	*	1.55	.77	....	....	....	....	....	.70	9.05
Green Mountain	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Greenwood[2]	Arkansas	....	....	2.13	....	....	....	....	....	*	.76	....	....	....	....	..	2.10	.72	....	T.	....	....	....	*	2.83	2.02	....	....	.37	....	.83	.18	11.94
Harrison	White	....	.37	....	....	....	.03	.18	....	.44	.07	.11	....	....	....	3.14	.58	.53	....	1.07	....	....	....	1.03	....	.98	....	....	....	....	....	1.05	9.58
Helena[2]	Mississippi	1.16	1.06	.56	.12	....	....	.13	.03	..	....	.81	.01	....	.06	T.	.27	....	.31	.02	.44	....	....	.07	3.28	.88	....	....	....	....	....	.88	10.09
Henderson[2]	White	....	....	....	....	.48	....	....	....	....	.15	.90	....	....	....	..	1.00	2.15	....	*	.75	....	....	....	....	2.10	....	....	....	....	....	2.30	10.03
Hope[2]	Red	....	....	.29	....	....	T.	T.	....	....	....	1.08	.07	1.08	.80	.37	.41	.77	T.	.29	.11	....	....	.07	.23	.71	....	....	....	.16	.09	.23	6.76
Hot Springs	Ouachita	....	T.	.65	....	....	.40	....	....	....	.80	.45	....	.84	.04	2.02	.11	1.05	....	.85	.05	....	....	4.54	....	1.49	....	....	....	T.	...	.62	13.91
Huttig[2]	Ouachita	.03	....	.41	....	....	....	.19	....	....	....	.40	.82	1.68	.02	.38	T.	.76	.24	1.25	.12	....	....	....	T.	.67	....	....	....	....	.04	.20	7.21
Index[2]	Red	....	....	.15	....	....	....	....	....	....	....	4.10	.25	1.25	1.25	.40	.65	.70	....	....	.40	....	....	.25	....	.25	....	....	....	.50	.10	.10	10.35
Jessieville	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Jonesboro[2]	White	2.44	.24	.84	....	....	....	....	....	.03	1.29	.03	....	....	.05	1.60	.08	.02	....	.15	.15	....	....	1.05	1.78	.04	....	....	....	....	....	.84	10.62
Lake City[2]	St. Francis	....	....	.74	....	....	....	....	....	....	.67	....	....	....	....	..	1.50	....	....	....	.30	....	....	....	1.90	....	....	....	....	....	....	*	5.11

Daily Precipitation for May, 1946 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Lead Hill	White	....	.96	....	....	....	....	....	....	.41	T.	.43	....	T.	.08	1.90	1.85	.40	....	.85	T.	....	....	.93	....	1.45	....	....	....	....	.16	.96	10.38
Little Rock[1]	Arkansas	....	1.00	T.	....	....	....	....	....	....	.83	.65	T.	.16	T.	.24	T.	.35	....	.32	.01	....	....	5.11	.08	.27	....	....	....	T.	....	.65	9.67
Lock & Dam No. 3	White	2.22	....	2.35	....	....	....	....	....	....	.08	.26	T.	....	....	T.	1.75	.23	.28	....	.37	T.	....	.07	2.24	2.09	.01	....	....	....	....	1.81	13.76
Lurton[2]	White	.01	.44	.58	....	01	.03	.27	....	....	.23	.15	....	T.	....	....	1.76	1.15	....	.07	.26	....	....	.41	.99	....	1.38	....	....	....	....	1.69	9.43
Lutherville	Arkansas	.11	.63	.14	....	....	....	.57	....	.03	.26	.18	....	....	....	1.68	.08	.25	....	....	.25	....	....	1.32	T.	.20	....	....	....	....	....	1.81	7.51
Madison[2]	St. Francis	.60	.40	.75	....	....	....	....	....	....	....	.28	.12	....	.05	.10	1.00	.05	....	....	.25	....	....	....	2.15	1.55	....	....	....	....	....	.70	8.00
Magnolia	Red	....	....	.43	....	....	....	....	....	....	.81	1.00	.70	2.00	.08	.18	....	.64	....	2.46	.27	....	.21	....	....	.49	....	....	....	1.32	....	1.05	11.64
Mammoth Spg[2]	White	....	2.65	.27	....	....	....	....	....	....	....	.48	.40	....	....	....	1.89	.03	.32	.03	....	....	....	....	.78	1.92	....	....	....	....	....	1.32	10.09
Marianna[2]	St. Francis	1.25	.46	.42	....	....	T.	....	....	....	....	1.10	.10	....	....	....	.27	*	.51	T.	.37	T.	....	....	*	6.60	.75	....	....	....	....	1.34	13.17
Marked Tree[2]	St. Francis	....	.18	.88	.07	....	....	....	....	....	....	.60	.15	....	....	....	.77	.32	....	....	....	....	....	....	1.27	2.25	....	....	....	....	....	.80	7.29
Marshall[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Marvell[2]	White	1.00	1.00	.21	....	....	....	....	....	....	....	....	....	.31	....	.33	.63	.32	....	....	.72	....	....	*	2.46	.87	....	....	....	....	....	1.61	9.46
Melbourne[2]	White	.62	.12	.71	....	....	....	.02	....	....	.16	.30	....	....	....	....	2.30	.60	....	....	.58	....	....	.30	1.85	1.73	....	....	....	....	....	1.06	10.35
Mena[2]	Ouachita	....	....	1.12	....	....	....	T.	T.	....	.75	1.52	T.	.64	.18	.09	.65	1.00	....	.89	.34	T.	....	1.31	2.02	1.90	....	....	....	.30	....	3.48	16.19
Monticello[1]	Ouachita	....	.04	.34	....	....	....	.05	....	....	.07	.50	.22	.88	.16	....	....	1.31	....	.61	....	....	T.	.33	.01	1.85	....	....	....	T.	....	1.83	8.20
Morobay[2]	Ouachita	....	....	.52	....	....	....	.11	....	....	....	.24	.81	1.52	....	.24	.01	.54	.08	.52	.56	....	....	01	.17	.86	....	....	....	....	.09	.65	6.93
Morrilton[2]	Arkansas	T.	....	.53	....	....	....	T.	....	....	T.	1.07	T.	.15	....	T.	1.50	.43	....	T.	1.95	....	....	.55	1.70	.52	....	....	....	....	T.	.92	9.32
Mountainburg	Arkansas	....	1.26	....	....	....	....	.09	....	.36	.07	.06	....	....	.71	.46	....	.67	....	.31	....	....	....	2.15	.90	....	....	....	....	....	....	1.83	8.87
Mountain Home	White	.12	.65	.20	....	....	....	....	....	.20	.20	.40	....	....	....	2.50	1.40	.30	....	1.00	....	....	....	.80	T.	1.30	....	....	....	....	.20	2.60	11.87
Mountain View[2]	White	1.33	....	3.77	....	....	....	....	....	.18	.17	....	....	....	....	....	1.16	1.76	....	....	.29	....	.30	1.84	....	1.45	.02	....	....	....	....	1.09	13.36
Mount Ida	Ouachita	....	.53	.06	....	....	.10	....	....	....	.66	1.85	....	.67	.07	1.04	....	.67	....	.98	....	....	....	3.55	....	3.25	....	....	....	.18	....	.50	14.12
Mulberry[2]	Arkansas	.15	.25	.46	....	....	....	T.	....	....	.49	.29	....	....	T.	....	.60	.81	....	42	.12	....	....	.96	1.97	.42	....	....	....	T.	....	1.00	7.94
Nashville	Red	....	.02	.67	....	....	....	....	....	....	.08	.41	.09	.71	.07	.58	....	.78	....	1.12	....	....	....	1.16	....	.23	....	....	....	.36	....	1.05	7.33
Newhope[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Newport[2]	White	1.00	.15	1.17	....	....	....	....	....	....	....	.55	.15	....	....	.10	1.12	.52	.15	....	.18	....	....	.03	1.95	3.80	.05	....	....	....	....	.30	11.22
Nimrod Dam[2]	Arkansas	.20	....	.60	....	....	.01	....	....	....	.19	1.15	....	.27	....	.22	1.18	.42	....	T.	1.01	....	....	1.05	1.07	1.22	....	....	....	....	....	.60	9.19
Oark[2]	Arkansas	....	....	.20	....	....	....	....	....	.70	.45	....	....	....	....	1.40	1.00	.25	....	.60	....	....	.70	.70	2.50	....	....	....	....	....	1.05	....	9.55
Odell[2]	Arkansas	.22	.27	.75	....	....	.03	.34	....	....	.42	.10	....	....	.15	....	.50	.65	....	.48	....	....	....	2.24	41	1.10	....	....	....	.12	....	.87	8.65
Oden	Ouachita	....	....	1.10	....	T.	....	....	....	....	....	1.40	.45	.50	.05	.82	....	.85	....	1.40	.38	....	....	2.91	.02	1.75	....	....	....	.25	....	1.35	13.23
Okay	Red	....	....	.32	....	....	....	....	....	....	.14	1.40	.12	.91	.20	.85	....	.59	....	.86	....	....	.01	.49	.12	.24	....	....	....	.43	....	.58	7.26
Osceola[2]	Mississippi	....	.24	T.	....	....	....	....	....	....	.42	.18	....	....	....	.72	.15	T.	....	T.	....	....	....	.82	1.62	....	....	....	....	....	.20	.04	4.39
Ozark[2]	Arkansas	.13	.15	.44	....	....	....	.03	....	....	.34	.34	....	....	.03	....	.48	.48	....	.02	.15	....	....	.91	.26	20	....	....	....	....	....	1.15	5.11
Paragould	St. Francis	1.36	.14	.33	....	....	....	....	....	....	.10	.43	.01	....	....	1.46	.33	.05	....	....	.53	....	....	1.06	.08	2.10	....	....	....	....	....	.41	8.39
Parkin[2]	St. Francis	.27	.32	1.05	....	....	....	....	....	....	.74	....	....	....	....	....	.78	....	....	....	.14	....	....	....	1.37	3.30	....	....	....	....	....	....	7.97
Perryville[2]	Arkansas	.01	....	.47	....	....	.02	....	....	....	.26	.88	.06	.26	T.	....	1.36	.60	....	.32	.60	....	....	.95	1.58	.60	....	....	....	....	....	.70	8.67
Pine Bluff[2]	Arkansas	.18	.04	1.03	....	....	....	....	....	....	....	.30	.01	.18	.07	.66	.31	.56	.06	.60	.76	....	....	.11	1.57	.92	....	....	....	....	....	.71	8.07
Pine Ridge[2]	Ouachita	....	....	....	.95	....	.04	....	....	....	.31	1.78	.15	.89	.09	.28	.98	.94	....	.22	1.99	....	....	1.75	1.25	1.76	....	....	....	.27	....	1.59	15.24
Pocahontas	White	1.20	.06	.57	....	....	....	....	....	....	.28	.73	.01	....	....	....	.97	.06	.04	....	.03	.03	....	....	2.00	2.76	.01	....	....	....	....	.70	9.45
Portland[2]	Ouachita	.30	....	.38	....	....	....	.20	....	....	....	.75	.75	.75	.25	T.	....	T.	.38	.25	1.50	....	....	T.	.20	.35	....	....	....	....	....	....	6.06
Prescott[2]	Ouachita	....	....	.33	....	....	....	T.	....	....	....	.65	.25	.92	.41	.70	.60	.65	....	.28	.29	....	....	.28	.50	.75	....	....	....	.30	.33	.87	8.11
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Red Star	White	.90	....	.32	....	.03	.30	....	....	....	.79	.07	....	....	.10	....	1.76	2.34	....	.22	....	....	....	.35	1 07	6.25	....	....	....	....	....	1.60	16.10
Rogers	White	....	.53	....	....	....	....	.51	....	.66	.33	.04	....	.06	.26	.96	.26	.41	....	1.40	....	....	....	1.27	3.30	.06	....	....	....	....	....	1.07	11.12
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Russellville	Arkansas	.09	.03	.39	....	....	....	.65	....	....	.29	.48	....	.03	T.	.95	.12	.45	....	.65	.15	....	....	2.34	.04	.20	....	....	....	....	....	1.79	8.65
St. Charles[2]	White	.34	....	1.05	....	....	....	.27	....	....	....	.45	....	.55	.06	.36	.35	.39	.35	....	.65	....	....	.62	.38	.88	....	....	....	....	....	1.20	7.90
St. Francis[2]	St. Francis	1.03	.75	.13	....	....	....	.06	....	....	.51	1.02	....	....	....	....	1.43	.06	....	T.	.13	.10	....	T.	.94	1.95	....	....	....	....	....	.40	8.51
Searcy[2]	White	.65	.09	1.57	....	....	....	T.	....	....	....	1.15	.23	.01	....	.04	.82	.62	.02	.04	.30	....	....	.18	2.14	.51	....	....	....	....	....	.36	8.73
Sheridan	Ouachita	....	....	.73	....	....	....	....	....	....	.05	.65	.06	.48	....	.28	.06	.62	....	.34	.45	....	....	1.85	.07	.52	....	....	....	.03	....	.63	6.82
Shirley[2]	White	.70	....	3.80	....	....	....	.37	....	....	....	.16	.23	....	....	....	1.90	.56	....	T.	.42	....	....	.60	2.00	.80	....	....	....	....	....	1.35	12.89
Siloam Springs	White	....	.55	....	....	....	....	1.05	....	.98	.21	.08	....	....	.09	1.62	.05	.63	....	.93	....	....	....	1.12	1.35	.01	....	....	....	....	....	1.40	10.07
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Stamps	Red	....	....	.36	....	....	....	T.	....	....	.17	1.66	.97	1.26	.67	.34	T.	.69	....	1.68	.28	....	....	.23	T.	.28	....	....	....	1.18	T.	1.79	11.83
Stephens[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	1.37	.68	.97	.32	....	....	1.01	....	1.37	.13	....	....	.28	....	.53	....	....	....	*	.81	.74	8.21
Steve[2]	Arkansas	....	....	1.01	....	....	....	....	....	....	.36	1.02	....	.34	....	....	1 42	.80	T.	*	.85	....	*	1.43	.88	1.43	....	....	....	....	....	57	10.15
Story[2]	Ouachita	....	....	.65	....	....	....	....	....	....	....	1.38	....	.60	....	1.37	1.03	....	....	....	1.06	....	....	1.65	.63	1.69	....	....	....	....	.13	.37	10.56
Stuttgart[2]	Arkansas	.04	.70	....	....	....	....	.02	....	....	....	.52	T.	....	.55	.27	41	.57	.27	.47	.51	.55	.22	....	1.58	.37	....	....	....	....	....	.58	7.63
Stuttgart Evap[2]	Arkansas	1.39	....	1.50	....	....	....	.02	....	....	....	.35	.01	T.	.01	.11	.24	.24	.18	.12	.49	....	....	.03	1.15	.35	....	....	....	....	....	.55	6.74
Subiaco[2]	Arkansas	.42	....	.53	....	....	....	.08	....	....	.28	1.00	.03	....	....	....	1.21	.48	....	....	.32	....	....	.75	.85	.25	....	....	....	....	....	1.62	7.40
Sugar Grove[2]	Arkansas	.38	....	1.02	....	....	....	....	....	....	.42	.66	....	....	....	....	1.10	.90	....	....	.14	....	....	.91	.96	.55	....	....	....	....	....	1.51	8.55
Sugar Loaf Mt[2]	White	.42	.04	1.70	....	....	....	.01	.41	....	....	.87	.04	T.	.01	....	.88	.23	....	....	.56	....	....	T.	2.48	.68	....	....	....	....	....	1.96	10.29
Texarkana[3]	Red	....	....	.38	....	....	T.	....	....	....	.25	1.17	1.05	2.29	.19	1.04	....	.70	1.15	.78	T.	....	.30	....	.30	.19	....	....	....	1.45	T.	.81	12.05
Tichnor[2]	White	.11	....	2.14	....	....	....	1.08	....	....	....	.78	....	....	....	84	.21	....	.47	.40	.53	....	....	....	.68	.62	....	....	....	....	....	....	7.86
Turnpike	Arkansas	....	1.79	.06	....	....	....	.22	....	.18	.54	.14	....	....	....	1.17	.08	.51	....	.32	....	....	....	1.61	.04	1.05	....	....	....	....	....	1.40	9.11
Viola[2]	White	....	.52	.54	....	....	....	....	....	....	.20	1.00	....	....	....	....	1 50	.72	....	....	....	....	....	1.10	....	.80	....	....	....	....	....	1.90	8.28
Waldron[2]	Arkansas	....	....	1.05	....	....	....	....	....	....	.60	.75	....	.18	....	....	1.23	.75	....	....	.10	....	....	1 50	.82	.68	....	....	....	.10	....	2.15	9.91
Walnut Grove	White	.55	2.05	1.12	....	....	....	....	....	....	.92	.09	....	....	....	1.12	.67	.05	....	.20	.35	....	....	2.35	....	2.09	....	....	....	....	....	.95	12.51
Warren	Ouachita	.05	....	.54	....	....	T.	.04	....	....	.13	.50	.27	.75	.15	.15	.05	1.50	....	.85	.30	....	....	.62	....	1.38	....	....	....	.02	....	1.88	9.18
Whitecliffs[2]	Red	....	....	.33	....	....	....	....	....	1.55	....	2.10	....	1.02	.20	.69	....	1.40	....	.73	....	....	....	.10	....	.41	....	....	....	1.00	....	1.03	10.56
White Rock	Arkansas	.95	.95	....	....	....	....	.15	....	.08	.51	.52	....	....	.30	.65	....	.55	....	.54	T.	....	....	1.72	.50	.24	....	....	....	....	....	.25	7.91
Wilson[2]	Mississippi	....	....	.90	....	....	....	....	....	....	....	.38	....	....	....	....	1.25	.68	....	....	....	....	....	....	1.00	1.30	....	....	....	....	....	....	5.51
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for May, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Mean tem.	68	67	66	62	56	64	62	56	60	69	55	56	60	68	63	68	68	68	63	64	58	60	68	70	69	60	62	64	64	67	70	63.8
	Wind move	18	20	39	63	46	31	15	102	24	157	17	11	11	52	30	46	39	54	43	25	48	20	71	111	73	39	71	17	26	21	168	1,550
Hope Exp. Farm	Evap.	.069	.289	.158	.268	.146	.173	.119	.186	.203	.150	.224	.093	.172	.135	.158	.096	.290	.190	.191	.192	.126	.213	.053	.057	.264	.171	.260	.229	.100	.189	.110	5.274
	Mean tem.	73	74	70	64	64	69	69	64	66	66	65	61	65	68	68	70	70	70	70	68	64	64	69	77	73	70	68	70	70	72	69	68.3
	Wind move	12	13	44	66	46	13	20	61	20	29	42	68	48	22	17	45	30	37	33	40	55	17	27	40	50	41	31	13	39	13	29	1.061
Nimrod Dam	Evap.	.078	.180	.246	.290	.150	.196	.082	.184	.224	.136	.129	.047	.170	.066	.167	.061	.268	.294	.216	.104	.170	.230	.174	.210	.108	.156	.292	.250	.208	.166	.264	5.516
	Mean tem.	72	74	67	63	59	68	67	59	60	62	56	57	62	71	72	71	70	66	61	67	61	62	67	68	70	65	65	67	70	72	66	65.5
	Wind move	4	6	29	64	21	8	12	15	12	17	50	22	13	4	10	70	52	51	37	6	24	11	10	38	16	32	12	25	10	5	43	72.9
Russellville	Evap.	.104	.160	.242	.152	.150	.138	.206	.157	.165	.012	.072	.158	.140	.078	.094	.140	.240	.222	.336	.150	.180	.173	....	....	....	....	.282	.114	.240	.176	.146	5.083
	Mean tem.	72	75	70	63	56	70	65	57	62	66	62	58	62	72	70	72	70	67	69	67	61	64	70	70	71	64	66	67	71	76	70	67.0
	Wind move	8	7	30	20	8	6	21	7	8	7	18	15	27	12	7	21	30	10	29	21	10	6	7	7	20	17	9	11	21	13	8	441
Stuttgart Rice Exp. Farm	Evap.	.071	.219	.280	.194	.124	.167	.199	.019	.181	.206	.080	.117	.170	.049	.122	.084	.139	.142	.211	.001	.217	.117	.038	.042	.191	140	.213	.189	.186	.156	.224	4.346
	Mean Tem.	73	75	70	63	62	68	66	60	62	68	68	60	63	67	69	71	72	68	66	68	63	62	67	74	72	68	66	70	70	76	75	67.8
	Wind move	60	30	50	85	35	15	15	45	20	45	120	40	40	40	25	110	45	65	65	50	25	15	60	100	150	35	35	20	20	10	80	1.550

Daily Temperatures for May, 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	80	85	79	73	73	79	70	73	74	71	70	70	66	79	73	82	80	80	75	71	75	74	73	78	79	75	79	80	80	83	78	76.0
	Minimum	57	61	59	53	43	55	59	48	47	55	49	48	51	59	60	60	58	50	60	67	46	49	62	69	61	54	50	52	52	61	60	55.3
Arkadelphia /	Maximum	85	88	80	71	79	82	75	77	80	75	67	71	75	80	70	85	82	85	73	75	79	73	75	86	82	81	82	86	83	82	73	78.6
	Minimum	59	62	61	54	47	56	60	50	49	54	60	50	53	55	64	55	56	57	60	60	48	51	56	67	64	57	53	55	59	61	59	56.5
Ashdown /	Maximum	86	87	76	74	76	78	80	76	82	79	66	74	74	82	78	84	85	83	81	76	77	72	83	86	83	83	83	82	82	84	76	79.6
	Minimum	58	63	61	53	49	55	57	49	52	61	59	52	54	57	63	55	60	54	59	64	48	56	59	68	65	58	53	57	62	62	60	57.5
Batesville Air	Maximum	72	81	77	69	73	79	71	73	72	75	62	69	66	82	70	82	81	82	67	72	76	77	71	81	77	73	79	81	78	86	76	75.2
	Minimum	62	61	59	47	43	54	57	44	46	62	50	47	53	57	59	59	54	52	60	60	46	47	61	61	56	50	52	53	54	59	64	54.5
Batesville, Livestk /	Maximum	78	77	75	67	73	78	72	71	70	75	55	72	69	80	69	81	80	89	82	71	75	76	74	81	79	72	78	80	78	85	78	75.5
	Minimum	61	60	58	52	56	50	57	42	42	59	53	44	47	55	58	59	56	49	58	57	44	44	59	62	61	49	48	50	52	55	63	53.5
Bee Branch	Maximum	77	80	74	69	69	76	74	71	74	73	66	70	70	78	75	80	78	80	73	71	74	73	73	79	76	73	78	79	76	83	81	74.9
	Minimum	55	74	60	49	40	53	56	43	44	54	48	44	51	56	58	59	56	49	57	56	43	46	61	68	61	48	48	51	53	60	60	53.6
Benton /	Maximum	81	86	76	70	74	80	72	73	76	69	65	70	69	80	73	82	82	81	69	72	75	76	74	83	80	77	79	82	81	83	75	76.3
	Minimum	54	57	60	48	41	47	57	43	44	47	59	49	49	54	60	57	58	48	55	58	44	46	50	63	61	49	48	50	54	55	60	52.4
Bentonville /	Maximum	80	81	70	64	75	79	67	71	65	71	60	69	68	79	68	75	75	79	73	70	73	75	80	85	74	75	76	80	80	86	73	74.1
	Minimum	57	59	51	52	45	51	48	40	49	49	40	36	49	55	61	56	56	48	57	52	43	49	59	61	51	49	47	52	56	62	58	51.5
Bethesda /	Maximum	78	76	74	73	72	78	70	70	72	76	60	68	72	80	70	79	78	89	68	71	74	75	75	80	77	72	77	79	77	84	76	74.8
	Minimum	58	58	58	52	41	51	54	42	48	62	50	44	48	56	56	58	57	48	58	58	43	44	60	61	61	48	48	48	52	50	63	52.7
Bluff City	Maximum	83	86	84	75	75	83	76	74	80	77	74	70	75	79	77	82	82	82	80	77	75	73	82	86	86	80	80	82	80	82	83	79.4
	Minimum	60	64	64	55	50	57	63	49	52	62	58	50	54	61	66	58	60	56	60	61	50	54	65	73	65	58	53	56	60	56	61	58.4
Blytheville	Maximum	71	80	76	70	72	79	74	70	76	82	69	68	65	82	78	78	81	80	72	73	78	75	82	77	70	75	80	79	85	80	77	75.9
	Minimum	61	63	61	55	45	55	60	46	47	61	53	50	53	55	64	63	61	56	60	49	53	61	65	62	53	57	56	55	62	67	65	57 2
Booneville	Maximum	85	84	74	69	75	82	77	74	74	76	75	70	69	83	80	81	79	81	75	73	75	76	80	81	79	77	79	82	80	87	82	77.9
	Minimum	60	62	58	57	43	59	61	46	49	60	49	42	55	61	64	57	60	50	62	63	46	52	62	75	63	52	50	53	61	68	60	56.8
Brinkley	Maximum	80	86	77	74	74	81	72	71	78	79	68	69	71	81	74	81	83	82	72	71	75	76	70	84	81	77	79	81	81	88	73	77.1
	Minimum	64	63	58	52	45	54	53	47	45	64	51	50	53	58	64	62	60	54	62	51	46	51	64	69	64	54	53	57	57	61	66	56.5
Camden	Maximum	86	78	88	75	74	78	76	76	83	76	74	73	78	80	75	87	85	83	79	78	89	79	82	84	85	85	83	84	83	84	80	80.6
	Minimum	57	57	61	56	55	52	60	50	53	61	60	50	53	60	64	58	56	55	59	58	52	54	64	70	60	50	57	59	61	65	61	57.7
Camp Robinson	Maximum	82	86	76	70	78	79	71	71	76	76	67	70	68	78	71	83	84	82	72	72	76	76	73	84	78	77	78	80	80	84	73	76.5
	Minimum	57	63	57	54	45	56	52	47	48	61	50	50	54	60	62	62	61	52	63	51	47	51	64	70	57	53	53	53	57	62	63	56.0
Conway	Maximum	82	87	79	72	76	81	75	74	78	74	69	73	69	81	75	84	83	83	73	76	78	78	74	82	80	80	80	83	82	86	80	78.3
	Minimum	58	64	61	52	45	57	61	52	49	60	54	47	54	60	63	60	61	54	63	61	48	51	64	69	63	52	53	55	58	63	63	57.3
Corning	Maximum	70	80	76	70	74	79	72	74	75	77	67	70	66	82	79	80	81	82	80	70	76	78	73	82	78	69	79	82	79	87	80	76.4
	Minimum	62	62	61	54	45	56	58	44	47	58	51	46	51	53	60	61	60	53	62	61	46	49	59	65	62	51	56	55	54	60	66	55.7
Crossett	Maximum	85	85	84	78	74	85	81	75	80	79	80	67	78	84	80	83	82	84	81	80	79	78	85	88	85	79	82	83	81	89	83	81.3
	Minimum	65	58	62	61	50	53	63	50	47	58	62	56	55	51	64	64	60	57	57	62	53	52	55	70	65	63	50	63	56	62	64	58.3
Cummins Farm	Maximum	84	87	78	72	75	83	71	71	78	80	75	67	72	75	74	80	74	80	72	78	74	72	78	84	81	79	76	79	81	88	75	77.2
	Minimum	63	61	62	57	50	57	63	51	51	61	61	52	55	62	64	64	62	57	61	60	54	55	64	70	65	60	55	58	62	63	64	59.5
Dardanelle	Maximum	84	86	80	77	77	81	80	77	77	73	77	73	70	83	83	82	82	85	81	76	78	80	79	82	80	80	83	87	83	89	87	80.4
	Minimum	63	66	61	55	46	59	60	48	52	59	52	48	56	62	65	61	60	53	63	61	52	54	65	73	64	53	53	55	62	67	61	58.4
De Queen	Maximum	82	83	80	73	73	77	74	73	78	75	73	74	70	72	72	80	80	80	78	75	75	76	80	83	81	80	83	80	78	82	78	77.4
	Minimum	60	62	59	56	48	59	58	56	53	63	60	49	53	63	55	58	60	64	59	58	48	52	56	62	67	56	52	57	63	65	60	57.8
Des Arc	Maximum	80	86	84	79	74	81	78	70	79	80	70	70	70	81	77	82	83	83	74	70	74	76	74	84	84	80	80	79	80	86	86	78.5
	Minimum	63	62	60	52	46	56	61	49	48	64	54	49	55	57	62	60	60	55	61	60	48	53	62	64	62	60	52	56	58	61	64	57.2
Devils Knob	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Dumas	Maximum	85	90	80	76	78	86	75	73	81	83	78	70	74	78	78	85	84	83	73	79	76	73	76	87	81	78	80	82	82	91	72	79.6
	Minimum	66	62	62	56	49	55	64	49	49	59	62	50	55	62	68	60	62	58	60	60	52	54	64	62	64	60	55	57	57	63	65	58.7
El Dorado	Maximum	86	85	79	75	78	74	76	75	78	76	74	67	75	82	78	82	78	80	75	71	75	74	81	77	74	80	81	81	80	84	68	77.4
	Minimum	61	63	63	55	50	53	54	52	51	61	60	53	54	62	63	60	62	56	60	62	53	57	67	70	62	60	54	56	62	63	60	58.7
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Eureka Springs	Maximum	78	79	69	61	75	79	74	71	62	68	67	68	67	78	74	74	73	78	73	68	71	74	77	80	71	70	75	77	77	82	71	72 9
	Minimum	59	56	52	51	46	54	48	40	48	56	40	35	54	56	57	56	56	52	56	54	44	50	60	63	56	49	48	52	57	63	57	52.4
Fayetteville	Maximum	80	78	69	64	74	78	69	70	64	73	67	72	66	79	72	73	74	79	69	69	74	75	78	81	72	73	77	80	80	83	74	73.7
	Minimum	57	57	51	51	43	55	49	42	48	60	40	35	55	58	59	56	56	48	57	53	43	54	61	61	55	48	46	51	58	66	59	52.6
Fayetteville Exp. S	Maximum	80	79	69	62	72	78	75	67	66	70	70	66	65	78	75	71	75	76	72	68	71	72	75	79	71	71	74	77	77	84	79	73.0
	Minimum	57	56	49	49	41	54	47	39	46	59	39	33	52	57	58	53	55	45	56	51	42	47	59	69	54	45	44	49	55	65	57	51.0
Fordyce	Maximum	85	88	84	75	78	84	77	76	81	78	75	71	74	79	77	87	81	82	84	75	78	75	79	82	86	82	83	84	83	87	81	80.4
	Minimum	61	66	60	55	49	57	63	50	53	63	58	51	52	62	65	57	60	58	56	60	52	53	64	63	65	59	55	56	58	65	63	58.4
Fort Smith	Maximum	83	80	72	68	76	81	70	73	71	76	64	71	68	83	68	81	79	83	73	73	76	75	84	83	76	75	80	81	79	88	71	76.2
	Minimum	63	62	57	50	47	59	52	45	53	60	47	42	57	61	62	58	60	53	60	54	47	53	64	66	58	52	51	56	62	63	62	56.0
Gilbert /	Maximum	80	83	75	65	75	79	69	72	67	66	53	72	70	80	64	83	77	81	67	78	75	76	78	81	75	71	78	81	79	85	78	74.6
	Minimum	57	58	54	48	41	43	52	39	42	54	45	39	51	54	55	57	58	46	52	57	41	43	51	63	62	47	47	49	52	57	60	50.8
Grannis	Maximum	82	84	73	70	73	78	73	73	74	75	71	71	67	76	76	79	79	79	71	72	74	71	79	81	78	72	80	78	78	82	76	75.6
	Minimum	58	61	56	51	44	58	58	50	51	61	52	45	51	61	54	54	57	52	57	60	58	51	64	59	60	49	53	54	61	64	59	55.6
Gravette	Maximum	81	77	67	65	72	78	78	70	67	73	71	69	65	78	75	72	75	78	72	70	73	75	78	83	73	75	75	80	80	81	73	74.2
	Minimum	56	55	49	50	42	53	46	39	49	59	40	33	50	58	60	55	55	45	57	51	40	49	60	59	53	44	45	50	57	55	57	62.4
Green Mountain	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Harrison	Maximum	81	78	74	63	72	80	70	72	64	73	74	68	68	79	75	80	74	80	73	77	75	72	76	77	79	68	75	77	77	82	73	74.4
	Minimum	62	60	55	51	42	54	50	40	46	58	43	38	38	55	59	57	55	47	58	52	44	48	62	68	59	49	50	50	55	61	59	52.4
Helena	Maximum	76	85	73	73	71	79	71	66	73	79	73	65	67	77	75	78	78	78	76	77	72	74	70	82	81	75	74	79	80	86	75	75.4
	Minimum	63	64	61	54	47	56	61	49	47	62	59	50	54	60	66	60	61	55	62	62	52	55	62	64	62	55	53	55	57	63	65	57.9
Hope /	Maximum	87	86	77	72	77	82	78	75	80	75	70	70	77	81	72	84	81	84	78	74	77	74	81	86	81	80	82	83	79	82	76	78.7
	Minimum	59	62	62	55	50	56	60	54	51	59	60	52	53	55	64	57	60	56	62	62	50	55	57	68	65	59	53	56	61	61	62	57.9
Hot Springs	Maximum	84	86	77	74	75	77	76	75	76	73	73	72	70	81	79	81	83	83	79	75	76	75	73	81	80	80	83	83	82	83	81	78.3
	Minimum	58	63	60	50	45	58	61	48	52	62	50	48	52	59	63	58	59	55	59	59	49	54	62	70	62	58	53	55	60	64	60	57.0
Jonesboro	Maximum	75	80	77	71	73	78	73	71	73	77	66	68	67	83	78	81	81	81	77	69	75	78	73	83	79	70	77	80	80	87	82	76.2
	Minimum	61	61	59	54	45	54	58	45	51	58	50	48	51	53	61	59	60	55	61	58	48	49	59	63	61	52	52	54	54	59	65	55.4
Lead Hill	Maximum	81	80	72	64	75	80	69	70	72	76	65	71	68	80	68	80	76	81	80	71	75	76	78	85	76	71	78	80	79	85	78	75.5
	Minimum	58	58	52	52	37	52	52	36	43	53	42	33	52	53	56	58	57	45	52	57	41	44	62	63	60	45	43	46	51	60	60	50.7
Little Rock	Maximum	80	86	77	69	72	82	72	72	76	78	67	69	68	79	70	82	83	82	71	73	74	74	75	83	78	75	77	79	79	85	73	76.1
	Minimum	59	64	62	55	48	60	57	51	51	62	51	51	56	62	63	62	61	57	64	56	51	54	65	68	63	57	57	60	61	65	64	58.6
Lutherville	Maximum	81	82	75	73	74	77	72	71	69	72	72	71	68	79	72	74	79	76	79	74	74	80	74	78	75	74	75	78	79	84	70	75.2
	Minimum	61	61	54	48	50	48	57	47	49	58	48	52	55	60	60	55	56	57	63	60	47	54	61	71	61	51	50	52	55	65	59	55.6
Magnolia	Maximum	85	88	79	74	77	81	81	75	82	78	..	..	77	79	78	85	84	84	80	78	77	76	82	86	85	81	82	83	79	86	83	80.9
	Minimum	62	65	64	53	52	59	62	52	55	64	..	..	52	63	66	58	61	58	60	61	53	59	66	73	65	62	55	60	62	65	63	60.3
Mammoth Spring	Maximum	73	81	75	73	74	79	77	73	72	75	66	72	68	80	80	79	77	83	82	71	80	74	84	81	78	72	78	81	80	84	78	76.8
	Minimum	61	63	51	52	39	52	53	40	38	56	48	41	48	51	55	59	60	47	48	60	60	60	57	66	61	47	46	50	53	55	62	52.9
Marianna /	Maximum	80	85	76	72	73	80	69	70	75	80	70	69	70	79	74	80	81	80	72	77	75	76	75	83	78	73	76	80	81	88	71	76.4
	Minimum	63	63	62	56	47	43	62	47	45	57	62	50	54	58	64	61	61	56	63	63	51	54	61	64	63	56	54	56	58	62	66	57.5
Marked Tree /	Maximum	77	81	79	70	73	80	70	70	77	80	69	70	69	84	72	81	82	83	76	70	77	80	70	81	79	66	77	80	80	87	75	76.3
	Minimum	63	61	60	54	45	49	56	47	49	55	62	53	50	54	59	61	60	56	59	61	49	50	57	63	62	52	55	55	54	60	64	56 0
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Mena	Maximum	85	85	74	68	75	80	70	75	75	75	72	70	67	80	75	81	81	82	73	71	75	74	78	81	77	77	79	82	79	85	76	76.7
	Minimum	60	62	55	53	43	57	59	49	49	61	50	43	51	60	61	54	57	50	58	60	45	52	60	70	60	51	50	53	60	65	59	55.4
Monticello	Maximum	84	89	81	76	77	84	75	74	79	80	78	70	74	81	77	82	81	82	74	78	77	75	79	86	82	79	79	82	82	87	73	79.3
	Minimum	64	62	60	53	53	58	55	47	54	59	54	52	55	61	64	59	60	56	61	58	53	56	64	71	64	62	55	60	61	66	60	58.6
Morrilton /	Maximum	81	84	73	70	73	79	72	72	75	73	59	70	66	79	70	83	81	82	73	74	74	77	77	79	78	77	79	80	80	85	74	75.8
	Minimum	61	63	62	55	47	51	61	48	51	54	58	48	46	56	63	61	60	54	60	60	49	53	57	65	63	55	55	56	59	61	62	56.6
Mountain Home	Maximum	79	83	74	75	75	80	70	71	69	76	68	71	68	80	74	78	78	81	75	71	75	77	75	82	79	71	78	80	80	85	76	75.9
	Minimum	57	58	57	44	39	51	52	39	44	56	46	38	51	55	57	60	58	50	58	57	42	47	61	67	61	50	46	51	55	60	62	52.5
Mt. Ida	Maximum	77	81	76	71	76	81	73	76	75	72	72	70	69	78	76	82	80	81	75	76	75	75	77	83	80	76	78	84	82	84	76	77.0
	Minimum	56	59	52	52	39	56	56	44	45	60	51	44	54	60	61	56	59	48	48	51	41	46	63	73	62	58	60	61	46	65	61	54.4
Nashville	Maximum	85	85	77	73	74	82	78	75	77	76	73	71	72	81	75	82	81	81	76	74	75	73	80	85	83	80	81	81	78	83	78	78.2
	Minimum	60	63	55	60	50	57	59	52	52	62	55	52	54	63	63	57	60	57	59	62	49	56	65	73	65	57	57	54	61	67	62	58.2

Daily Temperatures for May, 1946 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	77	79	78	70	75	81	75	74	76	81	67	71	70	85	75	85	86	85	72	73	77	80	72	84	80	73	81	82	83	90	78	77.9
	Minimum	65	61	61	55	46	55	61	47	49	63	52	50	54	56	62	62	62	54	61	62	51	51	65	67	64	56	58	57	60	62	66	57.9
Nimrod Dam /	Maximum	85	85	74	70	76	81	75	73	74	73	60	73	70	82	71	82	80	82	72	74	77	75	78	81	77	78	80	83	82	86	72	76.8
	Minimum	59	64	60	56	42	55	59	45	46	51	52	41	53	60	62	60	59	50	50	60	45	48	56	56	62	52	50	51	57	59	61	54.2
Oden	Maximum	80	82	85	87	87	79	72	75	75	74	60	73	68	80	68	80	79	81	70	71	75	75	73	80	75	75	80	80	80	83	68	76.5
	Minimum	61	55	42	67	63	71	48	44	45	60	46	44	50	60	57	56	56	48	57	60	42	47	60	70	60	50	46	48	57	65	60	54.7
Okay	Maximum	85	85	85	77	76	82	79	81	81	82	80	73	74	81	83	82	85	86	84	76	77	77	81	87	86	85	83	82	82	83	85	81.5
	Minimum	59	64	61	54	50	55	59	49	51	64	60	51	52	62	64	56	60	54	59	49	49	54	64	65	62	58	53	56	60	67	62	57.5
Ozark	Maximum	80	82	70	71	73	79	73	75	68	74	71	68	70	80	77	80	78	80	78	79	75	75	76	80	77	75	80	78	79	85	83	76.4
	Minimum	63	61	59	52	54	58	57	46	50	60	50	53	57	62	64	59	60	50	51	52	48	55	60	63	62	51	51	53	55	67	62	56.3
Paragould	Maximum	74	79	76	71	70	78	71	72	79	78	68	67	67	83	76	79	80	81	75	70	75	79	69	83	78	66	78	80	81	87	79	75.8
	Minimum	62	63	61	50	43	53	59	46	49	60	50	50	50	53	61	62	61	56	60	61	50	48	59	64	62	53	56	55	54	59	67	56.0
Perryville	Maximum	81	86	79	71	75	80	74	72	76	74	72	70	66	68	83	85	83	85	75	74	75	78	79	81	80	78	79	82	83	84	82	77.7
	Minimum	60	63	54	59	43	65	59	44	49	57	52	40	54	55	59	59	59	51	61	60	45	48	54	63	61	51	50	49	56	57	55	54.6
Pine Bluff	Maximum	82	93	80	74	75	81	72	74	82	79	72	73	74	78	74	80	79	81	70	72	78	76	74	86	81	79	81	83	85	88	78	78.5
	Minimum	64	63	62	57	52	59	66	52	52	63	55	52	56	63	64	60	61	58	61	62	52	55	66	70	65	60	57	65	60	65	65	60.1
Pocahontas	Maximum	73	79	76	74	73	79	74	73	73	78	70	71	67	83	70	80	81	82	76	71	78	78	74	82	80	69	79	82	80	86	81	76.5
	Minimum	63	62	58	53	40	52	55	44	43	57	49	45	49	57	57	59	59	50	58	58	44	47	60	64	60	49	52	53	54	57	64	53.9
Portland	Maximum	84	88	81	75	78	83	76	74	80	78	76	73	70	80	77	79	80	83	77	80	78	76	81	85	81	79	80	84	81	87	82	79.5
	Minimum	65	62	63	56	53	57	63	52	50	61	63	55	55	60	65	62	63	60	62	62	56	56	65	70	70	63	57	58	60	65	70	60.6
Prescott	Maximum	89	87	88	76	78	83	78	79	82	80	79	72	78	82	81	85	86	86	83	75	79	73	82	87	85	83	83	85	80	82	76	81.4
	Minimum	59	63	63	56	49	57	58	51	51	62	58	49	53	53	65	57	57	57	58	61	52	54	66	72	65	59	55	56	56	68	60	58.1
Rogers	Maximum	79	80	69	69	73	78	72	69	65	71	68	69	66	79	68	74	74	78	72	69	73	74	78	81	71	71	74	78	78	82	69	73.3
	Minimum	58	57	50	50	41	52	48	39	47	57	40	35	52	58	58	55	56	48	57	53	43	48	67	62	54	65	47	50	57	63	57	52.4
Russellville	Maximum	82	85	79	72	68	80	70	69	74	72	72	71	68	81	79	83	80	83	76	74	75	78	77	78	79	77	81	80	81	87	80	77.1
	Minimum	62	65	61	54	44	59	60	45	50	59	51	46	56	62	62	61	60	51	62	60	47	50	64	63	63	52	52	54	60	66	61	56.8
St. Charles /	Maximum	82	88	78	76	76	80	7[illegible]	72	78	80	90	70	74	78	79	82	83	82	72	79	75	75	75	84	80	74	88	81	83	87	70	78.7
	Minimum	64	61	60	54	55	55	60	46	47	59	60	49	52	54	62	60	59	55	58	60	60	53	61	63	61	54	52	55	57	60	63	57.1
Searcy	Maximum	80	86	76	72	75	80	73	75	78	77	68	71	69	83	74	84	83	85	75	75	77	79	71	86	81	75	79	83	83	88	76	78.0
	Minimum	62	63	60	52	45	55	60	46	48	63	52	50	56	59	62	61	60	55	62	61	48	50	69	68	64	53	53	55	57	61	65	57.3
Sheridan	Maximum	80	87	77	70	75	82	75	73	77	78	69	68	69	80	75	83	82	82	80	72	74	76	73	83	80	77	79	80	81	86	80	77.5
	Minimum	59	57	60	49	42	54	60	43	46	58	52	48	52	59	62	55	57	53	59	58	45	52	63	68	62	50	49	52	54	42	61	54.2
Siloam Springs	Maximum	80	79	69	63	73	79	69	70	66	73	68	69	..	65	78	72	75	79	71	70	73	75	78	83	71	71	75	79	78	83	72	73.5
	Minimum	54	57	48	50	41	52	48	40	50	61	40	34	..	50	58	56	45	46	58	52	41	48	59	60	54	45	45	51	58	64	57	50.7
Stuttgart	Maximum	81	86	79	72	72	80	71	69	72	80	73	69	74	79	75	80	83	80	74	74	74	76	72	85	81	75	76	80	81	86	84	77.2
	Minimum	65	65	62	56	49	57	64	50	63	52	58	51	57	61	65	62	61	57	61	61	51	55	64	68	65	56	56	59	60	63	65	59.3
Stuttgart Evap. /	Maximum	81	85	77	71	73	80	70	69	75	78	74	69	72	77	75	80	83	80	69	75	75	75	78	84	79	77	77	80	81	87	84	76.9
	Minimum	65	65	63	56	50	55	61	50	50	57	63	52	54	57	63	62	62	57	62	62	51	50	61	65	65	58	56	60	60	64	66	58.8
Subiaco	Maximum	81	82	70	68	73	77	71	71	71	74	72	68	70	80	76	77	75	79	74	73	70	74	77	81	79	72	75	76	79	84	78	75.1
	Minimum	62	62	59	55	45	58	59	47	49	58	48	44	55	61	63	59	69	55	61	48	52	53	62	75	63	53	52	50	55	67	60	56.7
Texarkana	Maximum	84	85	76	72	75	79	78	75	81	78	64	70	75	80	74	82	81	83	81	73	77	70	82	86	81	81	81	82	80	83	76	78.2
	Minimum	61	67	60	58	53	60	59	55	59	62	54	53	55	63	62	58	61	59	62	60	54	59	64	70	66	61	58	61	62	69	64	60.3
Turnpike	Maximum	74	77	66	60	68	73	65	68	66	65	73	65	62	73	69	73	72	74	67	72	69	74	77	70	71	67	71	74	73	78	72	70.3
	Minimum	58	58	53	49	46	54	48	45	43	57	42	40	50	55	57	53	55	55	56	55	63	55	52	67	58	51	53	56	59	62	56	53.6
Waldron	Maximum	85	86	73	70	76	81	77	73	74	76	75	70	68	83	80	82	79	83	78	72	76	75	80	81	80	75	80	82	80	87	82	78.0
	Minimum	58	63	58	57	43	58	59	47	49	58	48	43	53	60	62	55	59	49	62	62	45	50	62	75	62	51	50	51	62	69	61	56.2
Warren	Maximum	85	88	84	83	78	83	76	73	80	80	77	73	75	72	79	82	84	84	80	78	77	73	80	87	82	80	79	84	83	87	84	80.3
	Minimum	65	63	64	57	51	57	66	51	51	51	63	53	55	56	62	61	61	58	62	61	54	65	54	73	66	63	57	57	60	67	62	59.5
White Rock	Maximum	74	76	68	63	68	75	66	68	61	65	63	66	63	75	69	74	72	75	65	66	70	70	68	68	69	70	74	75	79	76	72	69.8
	Minimum	57	55	49	47	45	54	46	42	51	55	40	39	49	54	55	53	53	50	54	52	47	52	57	64	53	57	50	55	58	57	54	51.7
Wilson	Maximum	72	84	76	73	71	80	73	73	78	83	72	68	69	82	72	79	80	80	74	72	76	79	73	82	82	78	75	79	82	87	80	76.9
	Minimum	59	65	59	51	62	52	59	43	48	58	60	47	49	51	61	64	58	54	60	60	46	47	56	61	59	52	52	53	51	57	67	55.5
Wynne /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Daily River Stages for May, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	16.0	16.2	15.4	17.4	15.6	14.2	12.3	11.2	12.9	13.4	15.2	14.2	12.9	11.2	9.6	10.7	12.3	15.1	15.6	14.9	13.8	12.4	10.5	19.2	19.9	18.4	17.6	16.8	14.1	12.9	14.1
Van Buren	do	22	17.2	17.6	16.7	18.7	16.7	15.1	13.2	11.8	13.5	13.9	15.9	14.9	13.7	11.0	11.5	11.2	12.6	15.7	16.3	15.6	14.6	13.2	11.4	20.2	21.2	19.4	18.6	17.8	14.9	13.6	14.5
Danville	Petit Jean	20	21.0	21.8	21.3	22.3	22.6	21.3	18.5	14.0	7.1	5.1	8.5	11.2	11.2	9.4	8.4	15.2	16.2	19.2	18.7	18.2	17.0	14.6	12.6	21.0	22.5	23.3	21.9	20.7	19.5	17.3	18.7
Ozark	Arkansas	22	12.3	12.7	13.6	13.8	13.5	11.5	10.0	8.0	8.6	9.5	11.3	11.6	10.0	8.6	7.0	6.6	7.4	11.1	12.2	11.8	10.9	9.7	8.2	13.2	17.9	16.3	14.3	13.8	11.5	9.6	10.4
Dardanelle	do	22	12.8	15.8	16.8	16.2	17.0	15.3	13.6	12.0	10.2	12.0	12.1	14.1	13.3	11.9	10.4	10.0	10.0	11.5	14.9	15.0	14.2	13.0	11.6	12.7	19.5	21.3	18.4	17.1	16.1	13.6	12.4
Morrilton	do	20	8.1	11.1	12.5	12.6	12.6	12.2	10.3	9.0	6.8	6.5	7.6	9.4	9.6	8.1	6.4	6.6	5.6	6.2	9.4	10.8	10.6	9.4	8.1	8.3	13.6	16.9	15.2	13.6	12.8	10.8	8.8
Little Rock	do	23	10.1	11.2	13.2	13.8	13.4	13.5	12.3	11.1	9.8	8.6	9.0	9.6	10.7	10.1	8.9	8.1	8.1	8.3	9.4	11.4	11.8	11.2	10.2	10.8	12.0	16.8	16.7	14.9	14.0	13.0	11.3
Pine Bluff	do	25	12.5	13.0	15.0	16.2	16.2	16.0	15.6	14.5	13.5	12.2	11.5	12.0	12.9	13.3	12.4	11.5	10.9	10.9	11.2	13.1	14.3	14.4	13.6	13.4	14.1	17.0	20.0	19.0	17.0	16.5	15.5
Gilbert	Buffalo	30	5.4	5.2	8.4	7.2	6.3	6.0	5.8	5.4	5.3	5.0	4.9	4.9	4.8	4.7	4.7	16.5	10.6	10.2	8.2	7.5	6.6	6.3	6.1	6.0	20.7	10.3	8.4	6.7	6.3	6.1	7.7
Black Rock	Black	14	9.4	14.9	15.1	16.0	16.1	15.8	15.6	15.6	15.7	15.9	16.0	16.9	16.8	16.6	16.3	16.5	19.2	19.9	19.6	19.0	18.8	18.5	18.3	19.9	21.3	23.2	23.4	22.5	22.3	22.6	22.5
Forsyth, Mo.	White	30	3.9	6.1	8.2	8.2	8.2	7.6	6.7	6.4	6.0	5.2	6.4	5.9	5.7	4.8	5.4	10.4	8.8	9.1	10.2	11.8	10.6	9.9	8.5	9.9	13.4	17.6	22.0	18.8	10.0	8.5	8.0
Cotter	do	21	5.1	4.8	6.0	7.8	7.4	7.5	7.4	6.0	5.3	5.0	4.9	5.4	5.0	4.8	4.6	19.9	15.4	11.1	10.1	11.2	12.8	11.9	9.8	9.6	13.9	15.1	17.6	21.3	19.5	10.0	11.0
Calico Rock	do	18	5.0	5.4	6.5	8.3	8.3	7.3	7.0	6.4	5.7	5.4	5.1	5.0	4.8	4.5	4.9	15.8	21.2	16.7	15.2	13.1	14.4	14.4	11.4	11.0	14.8	21.7	18.4	20.3	20.8	13.0	11.6
Batesville	do	23	14.7	12.7	16.9	15.7	15.4	14.1	13.7	12.9	12.1	11.4	11.0	10.8	10.4	10.7	10.4	11.1	27.7	26.1	22.4	20.5	20.5	20.8	18.8	21.3	26.0	26.2	26.1	25.5	27.0	24.7	19.6
Newport	do	26	13.3	14.7	17.0	19.2	19.7	19.8	19.3	18.8	18.2	17.4	16.8	16.3	15.7	15.2	15.2	15.3	20.8	25.1	26.3	26.0	25.9	26.0	25.7	26.2	26.7	28.5	29.5	29.6	29.7	30.0	29.1
Augusta	do	32	26.6	27.6	28.4	29.6	30.3	30.8	31.0	31.0	30.9	30.8	30.6	30.3	30.0	29.6	29.2	29.0	29.4	30.5	32.0	32.4	32.7	32.7	32.8	32.9	33.1	33.4	33.9	34.4	34.6	34.7	34.9
Sugar Loaf Mt.	Little Red	..	9.2	8.3	22.3	20.9	10.0	8.3	7.3	7.0	6.5	6.0	5.9	5.8	5.5	5.3	5.0	5.5	8.6	12.1	9.1	8.0	8.6	7.4	6.6	21.8	18.3	21.9	10.7	8.6	7.5	6.8	6.8
Georgetown	White	21	18.1	18.7	19.2	20.2	21.1	21.8	21.5	21.4	21.3	21.2	21.1	21.0	20.8	20.6	20.2	20.0	19.8	20.0	20.5	21.2	22.3	22.9	23.2	23.8	24.5	25.4	26.0	26.5	26.8	27.0	27.2
Des Arc	do	24	20.3	20.7	21.4	22.0	22.3	22.6	22.8	23.0	22.9	22.8	22.7	22.6	22.6	22.5	22.2	22.1	22.1	21.7	21.7	21.9	22.3	22.9	23.9	25.3	26.1	27.1	27.9	28.5	28.9	29.3	29.5
Clarendon	do	26	24.3	24.5	24.9	25.2	25.5	25.7	25.9	26.1	26.3	26.4	26.6	26.7	26.7	26.7	26.7	26.7	26.6	26.5	26.4	26.3	26.3	26.3	26.3	27.3	27.7	28.2	28.7	29.2	29.7	30.1	30.5
St. Charles	do	25	23.3	23.3	23.4	23.5	23.6	23.9	23.9	24.1	24.3	24.4	24.6	24.8	24.8	24.9	25.0	25.1	25.2	25.2	25.2	25.2	25.2	25.0	25.0	25.0	25.3	25.6	25.9	26.3	26.7	27.2	27.7
Glenwood	Caddo	..	7.7	6.7	6.9	6.0	6.0	5.8	5.6	5.5	5.4	5.4	8.6	6.0	6.2	6.1	5.9	7.5	7.2	6.8	6.2	6.9	6.5	6.1	6.5	9.4	15.8	8.1	6.7	6.3	6.1	5.8	6.7
Arkadelphia	Ouachita	17	25.0	20.9	16.8	13.1	11.6	9.0	8.1	8.7	7.7	7.6	7.5	8.3	10.9	13.0	11.6	14.0	14.4	17.2	16.0	16.8	15.2	15.4	13.1	25.8	25.3	25.8	23.3	17.6	12.5	11.3	8.6
Boughton	Little Mo.	20	20.6	20.8	18.8	15.0	13.4	9.3	8.2	7.4	7.2	7.0	7.2	7.6	8.6	9.8	10.7	13.8	15.9	18.3	17.5	17.3	16.8	15.9	15.1	15.4	16.6	18.2	18.6	17.0	13.7	9.9	10.2
Camden	Ouachita	26	19.6	26.7	31.4	34.4	35.0	34.4	33.2	31.3	28.8	26.1	23.2	20.3	19.0	20.1	22.2	23.6	24.5	25.8	26.9	28.2	29.5	30.3	30.8	29.8	30.7	31.7	33.8	36.3	36.9	36.3	35.1
Benton	Saline	20	16.3	10.8	10.1	10.0	8.8	8.0	7.5	7.1	6.8	6.5	8.4	9.2	8.2	8.8	8.1	13.4	10.4	13.1	9.8	10.4	13.6	8.3	8.4	25.4	16.0	15.5	13.5	9.1	8.3	7.7	7.5
Index	Red	25	12.6	13.6	14.0	13.6	13.5	13.3	12.9	12.0	11.4	10.1	10.0	11.2	12.4	12.8	14.0	14.4	15.3	15.8	16.6	16.6	15.8	14.8	14.0	14.0	12.2	12.6	14.4	13.6	13.1	12.8	12.1
Fulton	do	25	16.8	17.4	18.2	18.2	18.0	17.8	17.5	16.5	15.0	13.4	13.5	14.8	15.4	16.0	16.8	17.6	18.6	19.1	20.1	20.6	20.4	19.3	18.9	18.1	17.2	18.0	18.5	18.3	18.7	19.1	19.1
St. Francis	do	18	13.4	15.5	16.4	17.1	17.9	19.7	20.6	20.8	20.8	20.7	20.9	20.9	20.7	20.6	20.3	20.4	20.3	20.2	20.2	20.3	20.4	20.5	20.6	20.8	21.1	21.3	21.5	21.5	21.5	21.4	21.3
St. Francis L.L.	do	..	19.9	20.0	20.2	20.5	21.0	21.4	21.7	21.8	22.0	22.1	22.2	22.5	22.7	23.0	23.3	23.6	23.8	23.9	24.0	24.0	24.0	24.0	23.9	23.9	24.1	24.2	24.2	24.4	24.6	24.7	24.8
Marked Tree	do	17	6.8	6.8	7.1	7.2	7.2	7.3	7.3	7.3	7.3	7.4	7.5	7.6	7.6	7.7	7.7	8.0	8.1	8.3	8.3	8.3	8.2	8.2	8.1	8.3	9.4	10.4	10.6	10.5	10.2	9.9	9.6
Parkin	do	28	8.2	8.5	9.3	10.0	9.9	9.7	9.6	9.7	9.8	10.0	10.3	10.8	11.2	11.5	11.8	12.6	13.9	15.4	16.1	16.2	16.2	16.1	16.0	16.7	19.1	21.3	22.0	22.2	21.5	21.5	21.1
Madison	do	32	9.8	9.5	10.6	11.0	11.1	11.0	11.0	11.1	11.4	11.8	12.2	12.9	13.4	13.7	14.1	14.7	15.9	16.3	17.3	18.4	18.7	18.6	18.7	19.7	21.5	23.3	24.0	24.3	24.4	24.3	24.1
Helena	Mississippi	44	14.8	14.9	15.1	15.8	17.3	18.6	19.4	19.9	20.6	21.5	22.2	22.5	22.5	22.5	22.8	23.3	23.7	23.8	23.7	24.0	24.8	25.8	27.1	28.7	29.4	29.8	30.1	30.4	30.7	30.7	30.5
Arkansas City	do	42	18.1	17.9	18.0	18.6	19.5	20.6	21.5	22.0	22.1	22.2	22.5	22.8	23.1	23.3	23.5	23.7	23.8	24.0	24.0	23.9	24.5	25.4	26.2	27.1	28.0	28.7	29.7	30.5	30.8	30.9	30.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilia: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill: Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—8-12-1946—1100

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Nat Hist

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LI LITTLE ROCK, ARK., JUNE, 1946 No. 6

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GENERAL SUMMARY

June was slightly cooler and considerably drier than normal. The weather was much more favorable for agriculture than in May, and all farm activities made excellent progress.

The mean temperature for the month was 1.5° below normal for the State as a whole, and most stations reported cooler than normal weather. The coolest weather of the month was experienced during the first week when temperatures averaged 10° below normal. After the 7th, daily temperatures ranged from slightly above to slightly below normal. This was one of the few Junes of record with no temperatures of 100° or higher reported in the State.

Precipitation was only 50% of normal during the month. It was the driest June since 1936, and the first month of the current year with deficient rainfall. Practically all precipitation resulted from thundershowers, consequently there was considerable variation in quantity measured at different stations. A few stations in the northwestern and southeastern sections measured over five inches, and two stations in the central section reported no rain during the month. The heaviest rains of the month occurred on the 25th when 24 hour totals of one to three inches were measured.

The May floods continued into June over the lower portions of the White and Ouachita rivers. Other rivers were within their banks and falling during the month.

Following an extremely wet May, the lack of moisture in June was not serious. Farmers took advantage of the favorable weather conditions to continue their planting, and clean fields which had become rank with growth. Cotton and corn showed much improvement, although stands were quite uneven. Cotton chopping was mostly completed and some blossoms were reported during the last week. Haying and harvesting of small grains were other major farm activities. Rice made good progress. Some flooding was necessary to aid germination.

B. N. W.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 77 stations, was 75.6°, which is 1.5° below the 56 year average for June. The highest monthly mean temperature was 79.0° at Pine Bluff, and the lowest was 70.5° at White Rock. The highest temperature recorded was 99° at Camden on the 14th and Booneville on the 25th. The lowest temperature recorded was 41° at Lead Hill on the 4th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 95 stations, was 2.12 inches, which is 1.97 inches below the 56 year average for June. The largest monthly total was 7.46 inches at Siloam Springs, and the least was none at Boughton and Carlisle. The greatest amount recorded in a 24 hour period was 3.22 inches at Clarendon on the 25th.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms:---1,8,10,13,14,19,20,21,24,25,26,27,28,29,30.
High Winds:---25,26,30.
Heavy Fog:---1,4,9,21.
Hail:---1,8,24.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.30	4	29.78	1	6.9	30	ne.	25	87	56	57	65	7
Little Rock	30.32	4	29.79	1	7.4	38	s.	26	86	57	57	72	3
Memphis ..	30.31	5	29.74	1	7.3	35	sw.	30	84	58	60	69	4

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.53	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.53	0	6	16	11	3
1912	73.1	97	42	5.88	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	105	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	103	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2.60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	6	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	8
1935	74.3	98	36	8.38	0	13	10	10	10
1936	80.0	113	44	1.26	0	8	23	5	2
1937	78.8	106	45	4.95	0	9	14	10	6
1938	75.8	101	48	4.34	0	9	13	9	8
1939	77.9	100	49	4.50	0	11	9	13	8
1940	75.2	98	45	4.35	0	10	12	9	9
1941	76.2	103	47	4.01	0	8	12	12	6
1942	77.2	104	45	4.54	0	11	10	12	8
1943	79.8	102	47	2.86	0	7	11	14	5
1944	79.2	102	48	3.04	0	6	16	10	4
1945	75.2	98	43	9.26	0	11	9	11	10
1946	75.6	99	41	2.12	0	5	14	11	5
Period	77.1	113	35	4.09	0	8	14	10	6

Climatological Data for June, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	9	74.8	......	94	14†	52	4	1.89	......	1.40	25-26	0	6	7	21	2	w.	L. R. Water Works
Arkadelphia	Clark	200	50	76.6	− 1.5	96	14†	50	5	1.04	−3.45	0.97	26	0	3	10	13	7	s.	W. H. Halliburton
Arkansas City	Desha	145	61	......	......	......	......	......	......	5.49	+1.79	1.95	1	0	6	17	3	10	......	John W. Trammell
Ashdown	Little River	329	2	76.9	......	98	23	51	4	1.87	......	0.77	20	0	9	8	17	5	s.	Southwestern G. & E.
Batesville Airway	Independence	363	10	74.7	− 1.6	94	16	47	4†	1.72	......	0.64	25	0	7	9	16	5	s.	Airway Observer
Batesville Livestk.	Independence	500	5	73 7	......	96	17	43	5	1.47	......	0.40	14†	0	4	13	10	7	sw.	University of Arkansas
Batesville River	Independence	277	46	......	......	......	......	......	......	1.09	−2.98	0.64	25-26	0	4	20	2	8	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	72.8	− 3.9	92	16	44	5	3.49	−0.58	2.23	25	0	5	9	17	4	w.	Minnie Scanlan
Benton	Saline	285	10	74.2	− 2.2	95	14	44	5	1.26	......	0 93	25-26	0	4	22	6	2	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	72.8	− 1.3	92	15†	45	4	5.04	−0.16	2.45	25-26	0	6	7	19	4	s.	E. L. Brown
Bethesda ***	Independence	500	6	73.1	......	97	15	43	5	1.26	......	0.50	20	0	5	11	14	5	sw.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	15	......	......	......	......	......	......	0.68	−2.00	0.30	29	0	6	10	16	4	s.	N. W. Douglas
Black Rock	Lawrence	259	44	......	......	......	......	......	......	1.26	−2.26	0.76	20	0	3	13	7	10	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	5	77.3	......	95	15	51	5	1.70	......	1.12	8	0	4	20	8	2	se.	Ark. Forestry Com.
Blytheville	Mississippi	252	20	77.8	− 0.2	96	16	49	4	2.16	−1.51	1.36	29-30	0	4	21	3	6	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	31	76.0	− 1.9	99	25	50	4	2.78	−1.63	1.28	30	0	7	10	17	3	s.	F. H. Randolph
Boughton ***	Clark	235	10	......	......	......	......	......	......	0.00	......	......	......	0	0	10	10	10	......	Katie B. Moore
Brinkley	Monroe	205	54	75.8	− 2.0	97	14	47	5	1.52	−2 21	1.39	25	0	2	12	4	14	s.	U. S. Weather Bureau
Calico Rock	Izard	361	41	......	......	......	......	......	......	2.07	−1.73	0.77	14	0	4	12	6	12	......	William Jones
Camden	Ouachita	116	60	78.2	− 0.3	99	14	50	5	2.15	−1.96	1.81	21	0	6	14	13	3	se.	J. M. Knight
Camp Chaffee	Sebastian	419	2	77.1	......	96	15†	50	4	3.87	......	2.00	30	0	6	13	8	9	sw.	U. S. Army
Camp Robinson	Pulaski	463	5	75.4	......	95	15	49	5	1.77	......	1.47	25-26	0	3	5	24	1	se.	U. S. Army
Clarendon	Monroe	172	41	......	......	......	......	......	......	3.65	+0.09	3.22	25	0	5	14	10	6	......	B. F. Northern
Conway	Faulkner	309	62	76.4	− 2.0	95	14†	49	4†	2.87	−1.11	2.11	25	0	7	15	14	1	s.	G. Y. Short
Corning	Clay	293	52	76.8	+ 0.4	96	16	47	4	0.74	−3.23	0 50	26	0	5	22	1	7	sw.	Mrs. Laura Polk
Cotter	Baxter	440	18	......	......	......	......	......	......	4.31	−0.04	2.91	25	0	3	18	9	3	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	33	76.2	− 2.5	95	14	43	6	5.59	+1.52	2.15	20-21	0	8	12	11	7	s.	U. S. Forest Service
Cummins Farm ***	Lincoln	176	2	77.4	......	96	14†	51	5†	1.27	......	0.40	8	0	4	19	10	1	s.	T. C. Cogbill
Danville	Yell	327	29	......	......	......	......	......	......	2.63	−1.62	1.36	25-26	0	5	8	17	5	......	J. A. Moudy
Dardanelle	Yell	330	59	77.8	− 0.7	97	15†	51	4	1.88	−2.01	1.09	26	0	3	3	21	6	s.	Geo. N. Goodier
DeQueen	Sevier	426	10	75.7	......	92	14†	52	4	1.16	......	0.40	27	0	4	11	19	0	......	L. D. McCowan
Des Arc	Prairie	204	7	76.7	......	94	14	51	5	3.66	......	2.27	25	0	3	6	5	19	s	Z. R. Glenn
Devils Knob ***	Johnson	2350	9	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	U. S. Forest Service
Dumas	Desha	162	40	78.5	− 0 7	98	14	50	5	1.33	−2.28	0.90	20	0	5	10	16	4	s.	Ben Johnson
El Dorado	Union	270	45	75.8	− 4.1	97	14	52	6	1.30	−2.46	0.68	25	0	3	17	13	0	s.	Airway Observer
England	Lonoke	229	39	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	O. V. Halbrook
Eureka Springs	Carroll	1465	45	73.6	− 1.0	92	16	46	4†	4.62	−1.03	2.40	30	0	8	22	7	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	73.8	......	92	16†	44	4	2.49	......	1.15	30	0	10	6	15	9	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	58	72.6	− 2.0	91	15†	42	4	5.31	+0.64	2.16	27	0	9	11	17	2	s.	University of Arkansas
Fordyce	Dallas	280	5	78.1	− 0.9	96	14	51	5	0.40	−3 27	0.21	29	0	4	5	25	0	se.	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	76.2	− 1.5	96	16	52	4	4.44	+0.72	1.94	30	0	7	9	12	9	ne.	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	8	......	......	......	......	......	......	3.64	......	2.18	30	0	6	24	2	4	......	Ft. Smith Water Dept
Fulton	Hempstead	260	60	......	......	......	......	......	......	1.37	−2.44	0.93	20-21	0	6	7	19	4	......	Ina J. Logan
Garland	Miller	225	3	......	......	......	......	......	......	1.39	......	0.48	8	0	5	10	0	20	......	L. D. Denney
Georgetown, 2 mi, se	White	200	33	......	......	......	......	......	......	1.29	−2.65	1.06	25	0	3	22	0	8	......	J. S. McDonald
Gilbert	Searcy	600	20	73.6	......	95	15†	44	5	2.00	−1.66	1.60	25	0	3	16	9	5	s.	D. O. Dennis
Glenwood	Pike	547	10	......	......	......	......	......	......	0.32	......	0.18	25	0	3	17	2	11	......	C. A. Price
Grannis	Polk	950	26	74.4	− 1.3	93	15	51	2†	0.27	−4.60	0.05	19†	0	8	10	14	6	s.	W. E. McVay
Gravette	Benton	1250	48	73.1	− 1.0	91	16†	42	4	2.19	−3.39	1.05	30	0	7	21	3	6	sw.	J. A. Schmidt
Green Mountain ***	Stone	1100	8	74.0	......	94	14†	48	1	2.65	......	1.20	25-26	0	5	18	7	5	s.	U. S. Forest Service
Harrison	Boone	1052	45	73.6	− 0.5	91	25	47	4	3 17	−1.24	1.82	25	0	6	17	8	5	s.	J. M. McGaughey
Helena	Phillips	300	73	75.8	− 2.5	91	14†	51	5	2.16	−1.58	1.01	31-1	0	6	8	9	13	sw.	James A. Burnett
Hope 3 miles e.	Hempstead	375	75	76.9	− 1.8	96	15	50	5	1.34	−2 40	0.60	25-26	0	6	4	18	8	ne.	Univ. of Arkansas
Hot Springs	Garland	600	53	77.9	− 0.5	96	14†	50	4	1.09	−3.55	0.64	25-26	0	4	17	11	2	s.	National Park Service
Index ***	Little River	275	28	......	......	......	......	......	......	3.50	+0.29	2.00	26	0	6	21	0	9	......	W. E. McDowell
Jessieville	Garland	750	19	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	U. S. Forest Service
Jonesboro	Craighead	345	50	76.3	− 1.7	95	14†	49	4†	2.65	−1.09	2.36	25	0	9	15	6	9	sw.	Benedictine Sisters
Lead Hill	Boone	650	39	73.0	− 2.4	96	25	41	4	1.85	−2.58	0.69	13	0	6	23	7	0	s.	F. W. Kellogg
Little Rock	Pulaski	257	66	76.8	− 0.6	96	14	52	5	3.39	−0.37	3.15	25-26	0	4	7	13	10	s.	U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	47	74.6	− 1.4	94	25	48	3	4.81	+0.25	2.70	25-26	0	5	22	4	4	s.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	......	......	......	......	......	......	0.78	−2.19	0.40	25	0	3	12	5	13	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	77.4	− 2.2	94	14†	53	5	2.31	−1.19	0.90	8	0	5	7	19	4	se.	State Agri. School
Mammoth Spring	Fulton	600	41	74.0	− 0.9	95	14	44	4†	2.88	−1.34	2 00	25	0	4	21	9	0	s.	L. A. O'Neal
Marianna	Lee	235	34	76.4	− 2.2	95	14	50	4†	0.80	−2.67	0.41	25	0	4	11	14	5	sw.	Univ. of Arkansas
Marked Tree	Poinsett	229	41	77.0	− 1.0	97	16	49	5	0.66	−2.78	0 20	10	0	4	20	8	2	n.	Chas. Walton
Marshall	Searcy	1050	27	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Roy Richardson
Mena	Polk	1207	57	74.8	− 1.9	95	15	49	4†	1.69	−3.29	0.70	26	0	4	12	17	1	sw.	E. W. St. John
Monticello	Drew	273	5	77.2	......	96	14	53	4	0.41	......	0.22	20	0	5	6	18	6	se.	Airway Observer
Morrilton ***	Conway	315	29	76.0	− 2.5	95	15	52	4†	1.81	−2.11	0.71	29	0	4	19	7	4	se.	L. A. Dicus
Mountainburg	Crawford	712	8	......	......	......	......	......	......	3.51	......	2.11	30	0	5	21	5	4	s	C. A. Lovell
Mountain Home ***	Baxter	800	33	73.6	− 1.3	94	16†	45	4†	3.45	−1.05	2.50	25	0	6	20	7	3	w.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	74.9	− 1.1	95	15†	44	4†	0.97	−3.21	0.47	30	0	3	15	13	2	sw.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	7	......	......	......	......	......	......	2.11	......	1.20	30	0	6	20	4	6	......	H. G. Arvin
Nashville	Howard	350	7	76.7	......	96	14†	52	5	0.44	......	0.34	19-20	0	3	20	7	3	sw.	Brice Carruth
Newport	Jackson	231	62	78.2	+ 0.1	98	14	52	4†	0.77	−3.02	0.35	29	0	5	14	7	9	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	4	75.4	......	95	14†	47	5	2.29	......	0.86	25-26	0	7	16	11	3	s.	U. S. Engineers
Oden, 2 mi. w	Montgomery	800	18	72.3	......	92	14	45	5	0.69	−3.28	0.52	30	0	2	14	11	5	sw.	U. S. Forest Service
Okay	Howard	288	17	77.2	− 2.1	96	16	52	4†	0.98	−1.99	0.45	20	0	5	12	17	1	sw.	J. T. Hargis
Osceola	Mississippi	250	45	......	......	......	......	......	......	1 53	−1.76	1.12	30	0	3	19	10	1	......	C. E. Carter
Ozark	Franklin	396	50	75.6	− 2.3	95	17†	50	4	2.78	−1.61	0.99	13	0	5	17	8	5	e.	Orkney O. Milton
Paragould	Greene	275	22	76.2	......	95	14†	48	5	1.63	−1.87	0.61	20	0	6	20	7	3	sw.	J. E. Garrett
Parkin, 2mi. w	Cross	222	15	......	......	......	......	......	......	0.99	−2.29	0.50	1	0	3	11	8	11	......	Carroll King
Perryville	Perry	325	6	74.7	− 0.8	95	15†	46	5	1.83	−3.07	0.83	25-26	0	5	10	19	1	sw.	Gordon Bennett
Pine Bluff	Jefferson	215	58	79.0	− 0.3	97	14	53	5	0.57	−3.16	0 33	25	0	4	11	17	2	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	21	......	......	......	......	......	......	0.57	−3.86	0.47	20	0	2	13	11	6	w.	J. R. Huddleston
Pocahontas	Randolph	300	52	75.8	− 1.0	96	30	45	5	1.39	−2.71	0.80	29	0	4	14	10	6	s.	Benedictine Sisters
Portland	Ashley	122	39	77.8	− 1.9	94	14	55	4	6.15	+2.99	2.15	31-1	0	8	17	9	4	s.	Mrs. Pearl Newton
Prescott	Nevada	318	57	78.3	− 0.9	98	14†	53	5	0.69	−3.03	0.51	24	0	4	18	11	1	e.	R. P. Hamby
Rogers	Benton	1300	55	72.9	− 1.0	91	15†	45	4	3.70	−1.20	1.34	19-20	0	7	16	10	4	sw.	Howard Fowler
Russellville	Pope	526	33	76.6	− 1.3	95	15†	49	5	3.91	−0.32	2.10	30	0	4	6	22	2	e.	U. S. Forest Service
St. Charles	Arkansas	175	12	76.2	......	93	24	50	5	1.07	......	1.07	25	0	2	1	26	3	ne.	U. S. Biological Survey
St. Francis	Clay	290	18	......	......	......	......	......	......	1.09	−2.73	0.55	25	0	4	20	0	10	......	Wm. S. Buckley
Searcy	White	245	35	77.4	− 0.2	96	14†	48	5	0.76	−3.22	0.46	25-26	0	3	19	4	7	s.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	5	74.6	......	95	14	45	5	1.70	......	1.46	25-26	0	6	4	25	1	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	72.6	......	91	17	42	4	7.46	......	2.39	30	0	9	14	12	4	s.	John Brown Univ.
Story	Montgomery	650	21	......	......	......	......	......	......	0.87	−2.46	0.57	24	0	3	17	11	2	s.	S. C. Story
Stuttgart	Arkansas	214	58	77.5	− 0.6	95	14	53	4†	1.59	−2.22	1.03	25	0	4	18	8	4	s.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	10	76.8	......	95	14	53	5	2.54	......	1.11	25	0	7	19	8	3	......	University of Ark.

Climatological Data for June, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Subiaco	Logan	750	47	75.5	− 2.6	93	16†	50	6	3.28	−0.86	1.36	25-26	0	5	16	12	2	s.	New Subiaco Abbey
Texarkana	Miller	332	61	77.6	− 1.5	96	15	56	4†	3.29	−0.42	1.74	26	0	8	3	16	11	s.	U. S. Weather Bureau
Turnpike***	Pope	2240	21	70.6	......	86	9†	48	2†	3.37	−1.55	1.12	30	0	5	11	16	3	se.	U. S Forest Service
Waldron	Scott	675	26	75.8	......	96	15†	50	5	1.93	−2.46	0.80	26	0	4	13	13	4	sw.	William D Bivens
Warren	Bradley	206	51	78.1	− 1.3	95	14	50	5	0.86	−2.82	0.69	25	0	4	12	16	2	sw	C. N Turner
Whitecliffs	Little River	290	39	......	......	......	......	......	......	2.46	−1.05	1.00	8	0	5	20	7	3	......	L. M. Snead
White Rock***	Franklin	2285	9	70.5	......	88	16	45	3	2.23	......	1.68	30	0	4	18	10	2	se.	U. S. Forest Service
Wilson	Mississippi	237	20	76.4	− 1.0	98	14	45	5	0.30	−2.58	0.30	1	0	1	20	0	10	s.	D. O. Anderson
Wynne	Cross	167	37	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	Mrs. C. A. Ford
State Means	......	....	..	75.6	− 1.5	99	14†	41	4	2.12	−1.97	3.22	25	0	5	14	11	5	s.	

Daily Precipitation for June, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	.05									.11				.32						.07									.65	.10		1.30
Alum Fork Reser.	Arkansas	.06																			.20					.10	1.30			.08	.15		1.89
Aplin[2]	Arkansas	.02													.09						.99						1.70				.26		3.06
Arkadelphia[2]	Ouachita																					.07					.95	.02					1.04
Arkansas City[2]	Mississippi	1.95								.62												1.09	T.				1.40	.10	T.		.33		5.49
Ashdown[2]	Red	.28								.17	.59										.32	.45				.03	T.	.01	.01	.01			1.87
Augusta[2]	White	T.	.04	T.																							.12				.97		1.13
Batesville Air'y[3]	White	.02							.26					.02							.45					.64				.03	.30		1.72
Batesville Livestk[2]	White									.34					.40						.40						.33						1.47
Batesville River[2]	White		T.							.04					.01						.40						.64						1.09
Beaty Lake	St. Francis		.02						.61	.06										T.						.36	T.		T.	.59	.15		1.79
Beaver[2]	White	.04													1.04						.51						1.26				1.25		4.10
Bee Branch	Arkansas														.12						.54						2.23			.20	.40		3.49
Beech Grove[2]	White											T.			.40						.64					.17	1.15		T.				2.36
Beedeville[2]	White		.26							.43										.19							.50		.12		.06		1.56
Benton[2]	Saline	.03																								.03	.90				.30		1.26
Bentonville[2]	Arkansas														.70						1.05					.04	2.45			.69	.11		5.04
Bethesda[2]	White														.06						.50						.43			.20	.07		1.26
Big Flat[2]	White																																....
Big Lake Outlet[2]	St. Francis		.12	.09	T.					T.		.02					T.		T.	T.					.01	.14					.30		0.68
Black Rock[2]	White																				.76						.10				.40		1.26
Bluff City	Ouachita								1.12												.03					.48		.07					1.70
Blytheville[2]	St Francis		.39																							.41				.23	1.13		2.16
Booneville 3 mi. w	Arkansas													*	.78						.13						.54		.02	.03	1.28		2.78
Booneville[2]	Arkansas																																....
Boughton[2]	Ouachita																																0.00
Bradford[2]	White	.02	.40																								.12	.17			.41		1.12
Brinkley[3]	White	T.							T.																	1.39	T.			T.	.13		1.52
Burdette	Mississippi		.54																							.27				.52	1.38		2.71
Calico Rock[2]	White		.12												.77						.63										.55		2.07
Camden[2]	Ouachita	.19								.02	.02										.03	1.81					.08						2.15
Camp Chaffee[2]	Arkansas	.03													.84						.23					T.	.02			.75	2.00		3.87
Camp Robinson[1]	Arkansas																									1.10	.37			.30			1.77
Carlisle[2]	Arkansas																																0.00
Clarendon[2]	White	.18	.04																							.03	3.19				.21		3.65
Cold Springs[2]	Ouachita									T.											.15				T.			.82			.90		1.87
Conway	Arkansas	T.							.24					.09	.06				T.		T.					.30	1.81			.15	.22		2.87
Corning[2]	White										.07										.13					.02	.50				.02		0.74
Cotter[2]	White		T.																		.28						2.91				1.12		4.31
Crossett	Ouachita	.11							.30													2.15	1.30			.33		.10	*	1.30			5.59
Crystal Valley[2]	Arkansas																										1.60						1.60
Cummins Farm	Arkansas								.40					.30							T.					.22					.35		1.27
Danville[2]	Arkansas	.11								.25					.26						.65						1.36			T.			2.63
Dardanelle[2]	Arkansas														.75												1.09	T.			.04		1.88
De Queen	Red								.12	.27															.37			.40					1.16
Dermott[2]	Mississippi									.33										T.		.72					.32	T.					1.37
Des Arc[2]	White		.11										T.							T.		T.					2.27		T.		1.28		3.66
Devils Knob	Arkansas																																....
Dumas	Mississippi		.04						.05												.90					.10				T.	.24		1.33
Eagle Gap[2]	Arkansas	.48								.02						.03					1.20	.01				T.		T.		1.20			2.94
El Dorado	Ouachita								.42	T.											.20					.68							1.30
Eleven Point[2]	White	T.	.15					T.		T.					.10						.35				T.		.09			.03	.49		1.21
England	Arkansas																																....
Eureka Springs	White		.05											.05						.47					.05	.15	1.35			.10	2.40		4.62
Evening Shade[2]	White	T.												T.								.44					.44				1.50		2.38
Fayetteville	White		T.							.08	T.			.14	.01					.42	.01				.02		.50	.09		.07	1.15		2.49
Fayetteville Exp. S	White									T.				.11	.02					.59	.03	T.			.02	T.	.61	2.16		.11	1.66		5.31
Fordyce	Arkansas	T.							T.										.05		.10					T.	.04			.21			0.40
Forester[2]	Arkansas	.15													T.						.91					T.	T.			T.			1.06
Fort Smith[1]	Arkansas													1.61	T.					.12	.15				T.		.03		.10	.49	1.94		4.44
Fort Smith W.[2]	Arkansas											.10			.34						.40				.04	T.				.58	2.18		3.64
Fulton[2]	Red	.14								T.												.89	.04			T.	.06	.17		.07			1.37
Garland[2]	Red	.29								.48													.25				.10	T.		.27			1.39
Georgetown[2]	White	.05																									1.06				.18		1.29
Gilbert[2]	White														.10						.30						1.60						2.00
Glenwood[2]	Ouachita																						.06			T.	.18				.08		0.32
Grannis[2]	Red	.08							.01	T.							.01			.05	.02					.03	.05	T.	.02	T.			0.27
Gravelly[2]	Arkansas	.11														.41						.45					.37			.10			1.44
Gravette	Arkansas										.19				.11					.26					.10	.42				.06	1.05		2.19
Green Forest	White														.25						.38						.22				1.30		2.15
Green Mountain	White	T.	T.											.30	T.						.95						1.20			.10	.10		2.65
Greenwood[2]	Arkansas														.98				.53										.56		.79		2.86
Harrison	White	.05												.28	T.					.09	.20						1.82				.73		3.17
Helena[2]	Mississippi	1.01								.52												.24					.18	.06		.15			2.16
Henderson[2]	White																			1.70											.15		1.85
Hope[2]	Red	.03								.24												.23				.06	.60	.18					1.34
Hot Springs	Ouachita																				.01					T.	.64			.37	.07		1.09
Huttig[2]	Ouachita	2.50								T.												.60	.11	.06			.16		.72				4.15
Index[2]	Red	.40									.25											.40	.10					2.00	.35				3.50
Jessieville	Ouachita																																....
Jonesboro[2]	White	.01	.02							.06		.02														.03	2.33		.10	.02	.06		2.65
Lake City[2]	St. Francis	.68									.22															*	.12				.22		1.24

Daily Precipitation for June, 1946 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Lead Hill	White	T.	....	....	....	....	....	....	....	....	....	....	....	.69	....	....	....	....	....	.17	.12	....	....	....	....	T.	.14	....	....	.33	.40	....	1.85
Little Rock[1]	Arkansas	T.	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	2.72	.43	....	....	.22	.02	....	3.39
Lock & Dam No. 3	White	....	.06	....	....	....	....	....	....	.11	....	....	....	....	.08	....	....	....	....	....	.46	....	....	....	....	....	.77	....	....	....	.05	....	1.53
Lurton[2]	White	....	....	.43	....	....	....	....	....	....	....	....	....	....	.67	....	....	....	....	....	.60	....	....	....	....	....	.68	....	....	....	*	....	2.38
Lutherville	Arkansas	.29	....	....	....	....	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	.14	....	....	....	....	....	2.70	....	....	....	1.48	....	4.81
Madison[2]	St. Francis	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	T.	.40	....	....	....	.28	....	0.78
Magnolia	Red	....	....	....	....	....	....	....	.90	....	....	....	....	....	....	....	....	....	....	....	.59	.14	....	....	....	....	.09	....	.59	....	....	....	2.31
Mammoth Spg[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	.08	....	....	....	....	....	.32	....	....	....	....	....	2.00	....	....	....	.48	....	2.88
Marianna[2]	St. Francis	....	.25	....	....	....	....	....	....	.09	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.41	....	....	....	.05	....	0.80
Marked Tree[2]	St. Francis	.20	....	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.16	....	....	....	.10	....	0.66
Marshall[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marvell[2]	White	....	....	....	....	....	....	....	....	1.46	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.61	....	....	....	....	....	2.07
Melbourne[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.69	....	....	....	....	2.25	....	....	....	....	....	....	2.94
Mena[2]	Ouachita	.18	....	....	....	....	....	....	....	....	T.	....	....	....	T.	....	....	T.	T.	T.	.60	....	....	....	....	T.	.70	T.	T.	.21	....	....	1.69
Monticello[1]	Ouachita	....	....	....	....	....	....	T.	.06	....	....	....	....	....	....	....	....	....	....	.06	.22	....	T.	....	....	.05	T.	....	....	.02	....	....	0.41
Morobay[2]	Ouachita	1.14	....	....	....	....	....	....	.02	.04	....	....	....	....	....	....	....	....	....	....	....	1.63	....	....	....	....	.14	.06	....	....	....	....	3.03
Morrilton[2]	Arkansas	....	T.	....	....	....	....	....	....	....	....	....	....	....	.28	....	....	....	....	....	.26	....	....	....	....	....	.56	....	....	....	.71	....	1.81
Mountainburg	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	.41	....	....	....	....	....	.27	.13	....	....	....	T.	....	....	....	....	.59	2.11	....	3.51
Mountain Home	White	....	....	....	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	T.	.45	....	....	....	....	.60	1.90	....	....	.35	.10	....	3.45
Mountain View[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	....	....	....	....	....	.63	.65	....	....	....	....	2.30	....	....	....	.86	....	4.89
Mount Ida	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.26	....	....	....	....	....	....	....	....	.24	.47	....	0.97
Mulberry[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	.18	....	....	.18	....	....	....	....	....	.30	....	....	....	....	T.	.12	....	....	.13	1.20	....	2.11
Nashville	Red	....	T.	....	....	....	....	....	.09	T.	....	....	....	....	....	....	....	....	....	....	.34	....	....	....	....	....	.01	....	....	....	....	....	0.44
Newhope[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Newport[2]	White	....	....	....	....	....	....	....	....	.12	....	....	....	....	....	....	....	....	....	....	.03	.05	....	....	....	....	.22	....	T.	....	.35	....	0.77
Nimrod Dam[2]	Arkansas	.02	.57	....	....	....	....	....	....	.06	....	....	....	....	.02	....	....	....	....	....	.62	....	....	....	....	....	.86	....	....	....	.14	....	2.29
Oark[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	....	.16	....	....	....	....	.53	....	.04	....	.75	....	1.58
Odell[2]	Arkansas	.04	....	....	....	....	....	....	....	....	....	....	....	....	3.63	....	....	....	....	....	.39	....	....	....	....	.16	.70	....	....	.51	3.20	....	8.63
Oden	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.17	....	....	....	....	T.	....	....	....	....	52	....	0.69
Okay	Red	.07	....	....	....	....	....	....	.10	.20	....	....	....	....	....	....	....	....	....	....	.45	....	....	....	....	....	.16	....	....	....	....	....	0.98
Osceola[2]	Mississippi	.17	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.24	....	....	....	....	1.12	....	1.53
Ozark[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	.99	....	....	....	T.	....	.05	....	....	....	....	....	.86	....	....	.29	.59	....	2.78
Paragould	St. Francis	....	....	....	....	....	....	....	....	....	.11	....	....	.04	....	....	....	....	....	....	.61	....	....	....	....	.48	....	.04	....	....	.35	....	1.63
Parkin[2]	St. Francis	.50	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.31	....	....	.18	....	....	0.99
Perryville[2]	Arkansas	....	.02	....	....	....	....	....	....	T.	....	....	....	....	....	.14	....	....	....	....	....	.78	....	....	....	....	.83	....	....	....	.06	....	1.83
Pine Bluff[2]	Arkansas	.19	T.	....	....	....	....	....	T.	.04	....	....	....	....	....	....	....	....	....	T.	....	.01	....	....	....	....	.33	....	....	....	....	....	0.57
Pine Ridge[2]	Ouachita	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.47	....	....	....	....	....	T.	....	T.	....	....	....	0.57
Pocahontas	White	....	.06	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.36	....	....	....	....	....	.17	....	....	....	.80	....	1.39
Portland[2]	Ouachita	2.15	....	....	....	....	....	....	....	.55	....	....	....	....	....	.10	....	....	....	....	.25	1.62	....	1.18	....	....	.20	.10	....	....	....	....	6.15
Prescott[2]	Ouachita	.05	....	....	....	....	....	....	T.	....	T.	....	....	....	....	....	....	....	....	....	....	.02	....	....	T	.51	T.	.11	....	....	....	....	0.69
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Star	White	....	....	....	....	....	....	....	....	....	....	....	....	....	.72	....	....	....	....	....	.47	....	....	....	....	....	.34	....	....	.02	1.88	....	3.43
Rogers	White	....	....	....	....	....	....	....	....	T.	T.	....	....	15	....	....	....	....	....	1.30	.09	....	....	....	....	T.	1.03	T.	.11	.16	.86	....	3.70
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Russellville	Arkansas	T.	....	....	....	....	....	....	....	....	....	....	....	....	.28	....	....	....	....	....	.67	....	....	....	....	....	.86	....	....	....	2.10	....	3.91
St. Charles[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.39	.68	....	....	....	....	....	1.07
St. Francis[2]	St. Francis	.03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	.55	....	....	....	.36	....	1.09
Searcy[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.02	....	....	....	....	....	.46	....	....	....	.28	....	0.76
Sheridan	Ouachita	.02	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.11	1.35	....	.13	.03	.06	....	1.70
Shirley[2]	White	....	....	....	....	....	....	....	....	.18	....	....	....	.03	....	....	....	....	....	....	.51	....	....	....	....	....	2.85	....	....	....	.65	....	4.22
Siloam Springs	White	....	....	....	....	....	....	....	....	T.	.40	....	....	1.78	.12	....	....	....	....	.42	....	....	....	....	.08	T.	2.08	....	.05	.14	2.39	....	7.46
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	.03	....	....	....	....	....	....	.27	T.	....	....	....	....	....	....	....	....	....	....	1.55	.11	....	....	.01	.02	.17	.93	.22	....	....	....	3.31
Stephens[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.71	....	....	....	....	....	.67	....	....	....	....	....	1.38
Story[2]	Ouachita	....	....	....	....	....	....	....	....	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.57	....	....	....	.18	....	....	0.87
Stuttgart[2]	Arkansas	.12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	*	1.03	....	....	....	.44	....	1.59
Stuttgart Evap[2]	Arkansas	.27	.02	....	....	....	....	....	....	.38	....	....	....	....	....	....	....	....	....	.21	....	....	....	....	....	.12	.99	....	....	....	.55	....	2.54
Subiaco[2]	Arkansas	.06	....	....	....	....	....	....	....	....	....	....	....	....	.99	....	....	....	....	....	....	....	....	.19	....	....	1.36	....	....	T.	.68	....	3.28
Sugar Grove[2]	Arkansas	.16	....	....	....	....	....	....	....	....	....	....	....	....	1.08	....	....	....	....	....	.26	....	....	....	....	....	1.52	....	....	.26	.20	....	3.48
Sugar Loaf Mt[2]	White	....	....	....	....	....	....	....	....	.05	....	....	....	....	.02	....	....	....	....	....	.11	....	....	....	....	....	2.16	....	....	....	.32	....	2.66
Texarkana[3]	Red	.05	....	....	....	....	....	....	.03	1.14	....	....	....	....	....	....	....	....	....	....	.05	.05	....	....	.03	T.	1.74	.20	....	....	....	....	3.29
Tichnor[2]	White	1.07	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.87	....	....	.28	....	2.22
Turnpike	Arkansas	1.05	....	....	....	....	....	....	....	....	....	....	....	....	....	.26	....	....	....	....	.28	....	....	....	....	....	....	.66	....	....	1.12	....	3.37
Viola[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	....	....	....	.90	....	....	....	....	....	1.15
Waldron[2]	Arkansas	.23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	.80	....	....	.75	....	....	1.93
Walnut Grove	White	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	....	....	....	....	....	.22	....	....	....	T.	....	T.	....	....	.73	.17	....	1.12
Warren	Ouachita	.05	....	....	....	....	....	....	.09	....	....	....	....	....	....	....	....	....	.03	....	T.	....	....	....	....	.69	....	....	....	....	....	....	0.86
Whitecliffs[2]	Red	.15	....	....	....	....	....	....	....	1.00	....	....	....	....	....	....	....	....	....	....	.45	.46	....	....	....	....	T.	....	.40	....	....	....	2.46
White Rock	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.14	....	....	....	....	.14	....	T.	....	.27	1.68	....	2.23
Wilson[2]	Mississippi	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.30
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for June, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.136	.149	.021	.240	.236	.182	.318	.413	.227	.129	.440	.205	.178	.123	.261	.300	.291	.354	.277	.479	.121	.354	.317	.228	.274	.278	.210	.208	.435	.022	....	7.170
	Mean tem.	70	60	62	60	60	62	74	78	74	76	76	76	77	78	82	80	80	82	81	71	66	66	69	72	80	74	78	76	76	74	....	73.1
	Wind move	13	14	10	49	22	30	26	106	20	24	48	18	52	29	20	37	52	61	50	66	41	17	28	24	87	27	26	29	39	36	....	1,101
Hope Exp. Farm	Evap.	.084	.211	.221	.198	.226	.238	.267	.333	.129	.112	.156	.266	.261	.227	.269	.276	.241	.247	.355	.285	.157	.153	.255	.275	.130	.247	.220	.465	.197	.138	....	6.539
	Mean tem.	74	69	64	62	66	71	74	74	74	78	79	80	81	82	84	82	83	82	82	76	76	78	79	78	84	78	78	77	82	82	....	76.9
	Wind move	23	62	58	54	25	20	18	33	19	17	9	14	29	32	12	16	19	32	43	30	51	17	21	16	25	43	10	22	14	44	....	828
Nimrod Dam	Evap.	.040	.070	.148	.138	.250	.247	.292	.292	.284	.106	.184	.316	.315	.174	.306	.308	.362	.288	.294	.386	.136	.256	.302	.320	.176	.320	.198	.234	.266	.172	....	7.207
	Mean tem.	70	66	66	64	58	68	74	78	74	76	78	77	78	82	82	82	82	82	81	73	71	74	76	73	83	78	79	82	79	76	....	75.4
	Wind move	11	11	10	2	9	16	32	31	23	16	2	27	34	20	11	10	25	25	21	69	27	18	4	9	12	60	5	4	11	34	....	589
Russellville	Evap.	.082	.164	.166	.190	.220	.258	.252	.230	.233	.233	.234	.286	.200	.208	.262	.280	.296	.230	.240	.142	.220	.278	.306	.222	.200	.310	.214	.250	.210	.218	....	6.834
	Mean tem.	72	68	64	64	64	70	76	78	78	78	78	80	80	80	82	83	83	83	83	80	76	78	76	76	84	80	80	78	80	75	....	76.6
	Wind move	7	11	19	9	10	11	14	8	9	8	8	11	8	6	7	7	10	13	15	18	8	11	10	8	13	24	16	23	18	10	....	350
Stuttgart Rice Exp. Farm	Evap.	.011	.122	.224	.030	.219	.209	.276	.252	.139	.175	.181	.250	.209	.200	.258	.221	.264	.290	.220	.296	.164	.247	.255	.253	.230	.150	.078	.219	.108	.113	....	5.863
	Mean Tem.	72	66	65	64	64	70	76	78	76	79	80	80	80	85	81	82	83	83	82	84	78	78	76	77	76	79	78	78	80	78	....	76.8
	Wind move	65	25	35	5	30	25	95	100	30	30	10	60	65	55	20	40	40	100	85	85	30	10	20	20	40	75	35	50	20	40	....	1,340

Daily Temperatures for June 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	80	72	69	75	78	83	86	89	83	87	89	89	91	94	94	93	90	90	91	87	85	89	91	91	91	90	87	84	89	82	....	86.3
	Minimum	60	59	54	52	47	56	58	66	62	64	60	66	65	70	69	70	70	72	68	69	59	57	62	62	72	64	68	67	67	67	....	63.4
Arkadelphia /	Maximum	85	78	73	79	83	89	92	87	84	87	94	93	95	96	96	96	94	95	95	84	90	92	93	91	94	89	91	89	95	90	....	89.6
	Minimum	63	58	57	51	50	52	56	66	64	64	65	66	67	72	70	69	71	70	69	70	62	63	68	62	70	66	68	69	70	71	....	64.6
Ashdown /	Maximum	86	82	77	78	80	85	89	86	85	88	92	89	92	94	95	90	93	92	92	82	84	90	98	90	93	93	88	86	92	94	....	88.5
	Minimum	62	57	57	51	52	54	56	69	56	67	65	67	68	68	69	69	76	72	71	68	64	67	67	68	73	67	66	69	71	72	....	65.3
Batesville Air	Maximum	80	64	71	75	78	83	86	89	88	89	91	90	89	93	92	94	93	91	91	79	84	88	90	92	89	88	89	88	86	84	....	86.1
	Minimum	61	56	52	47	47	53	61	68	66	65	65	67	68	66	72	70	70	73	72	62	55	54	57	58	68	66	72	70	69	69	....	63.3
Batesville, Livestk /	Maximum	81	62	72	75	77	82	85	88	88	91	90	89	88	93	91	93	96	90	90	79	84	83	89	90	90	88	88	87	88	88	....	85.8
	Minimum	60	56	54	45	43	50	61	62	63	62	64	63	68	62	70	76	68	72	70	66	56	50	50	54	74	63	71	68	61	66	....	61.6
Bee Branch	Maximum	78	73	69	75	75	80	82	86	85	87	87	89	89	90	91	92	90	90	87	87	84	88	88	89	90	86	85	84	86	80	....	84.7
	Minimum	59	57	53	46	44	49	53	63	61	63	61	63	64	65	68	66	66	69	66	66	52	53	57	56	72	63	69	68	67	64	....	60.8
Benton /	Maximum	82	74	72	71	78	83	86	89	85	87	91	89	92	95	94	92	91	91	91	80	89	90	90	90	90	90	88	87	90	90	....	86.9
	Minimum	58	54	54	48	44	46	52	64	61	61	61	62	63	68	66	66	67	68	66	69	60	60	60	60	70	65	65	75	65	64	....	61 4
Bentonville /	Maximum	78	58	69	75	78	84	85	90	90	88	90	90	88	90	92	92	92	90	88	73	83	86	88	83	90	82	81	85	86	83	....	84.2
	Minimum	60	51	49	45	49	55	56	59	64	62	65	66	69	62	69	69	69	71	72	59	52	57	62	62	69	64	65	66	69	56	....	61.4
Bethesda /	Maximum	81	65	71	75	76	81	85	90	86	89	90	90	88	93	97	92	92	91	92	79	83	83	88	92	90	86	87	87	89	85	....	85.8
	Minimum	58	56	53	46	43	44	62	65	63	62	62	63	66	64	68	68	67	74	70	63	50	49	50	51	71	62	68	66	63	64	....	60.4
Bluff City	Maximum	82	80	75	76	80	85	89	86	82	87	91	90	91	94	95	92	92	92	91	88	84	89	88	89	90	90	87	85	92	91	....	87.4
	Minimum	63	59	57	53	51	57	59	66	65	68	70	70	72	72	73	72	74	73	74	72	67	67	66	69	75	67	70	70	71	73	....	67.2
Blytheville	Maximum	77	75	70	74	78	85	89	92	92	94	93	94	91	95	93	96	95	95	95	90	86	91	91	93	87	86	89	91	88	89	....	88.5
	Minimum	65	58	65	49	50	56	65	70	67	67	69	73	72	74	70	73	73	75	70	73	63	59	65	63	71	72	70	70	72	70	....	67.0
Booneville	Maximum	83	77	73	76	79	85	86	91	89	88	92	91	93	91	94	93	94	92	92	78	85	89	91	88	99	93	90	89	92	90	....	88.1
	Minimum	62	56	55	50	52	55	59	65	65	65	65	65	65	66	70	71	73	74	73	65	54	54	66	63	71	66	69	70	70	66	....	64.0
Brinkley	Maximum	80	68	72	78	77	84	87	91	87	91	92	91	94	97	93	95	95	93	93	86	87	90	91	94	80	89	90	87	89	88	....	87.6
	Minimum	63	58	53	49	47	51	63	67	64	67	64	70	70	73	67	71	70	73	71	69	61	56	56	56	71	71	68	67	69	69	....	64.1
Camden	Maximum	83	78	72	78	83	85	90	90	89	93	95	92	95	99	95	95	95	92	95	87	95	95	93	94	94	90	93	89	93	92	....	90.3
	Minimum	63	60	57	57	50	53	59	60	65	65	65	69	70	80	69	70	72	72	70	68	66	65	67	68	76	67	70	59	78	72	....	66.1
Camp Robinson	Maximum	79	71	71	75	78	86	87	89	81	90	92	81	93	91	95	90	94	91	92	80	85	89	91	94	89	90	88	85	92	86	....	86.5
	Minimum	61	58	51	52	49	53	62	69	64	66	65	68	69	73	71	70	72	72	71	67	62	58	62	60	61	62	71	71	70	71	....	64.4
Conway	Maximum	81	73	75	79	81	86	88	90	89	91	91	91	92	95	95	95	94	92	91	85	86	91	92	93	91	91	89	86	89	84	....	88.2
	Minimum	61	57	56	49	49	53	61	69	65	66	67	67	67	68	71	70	73	73	72	71	57	57	61	60	72	66	71	71	69	69	....	64.6
Corning	Maximum	78	72	69	75	80	84	88	92	93	93	93	93	91	95	94	96	95	94	94	83	87	91	92	94	89	90	92	90	90	90	....	88.6
	Minimum	63	59	54	47	48	52	66	69	67	66	67	70	70	69	70	71	73	74	75	70	55	56	59	58	71	69	70	69	71	70	....	64.9
Crossett	Maximum	83	78	73	76	80	87	90	91	88	91	93	91	93	95	93	93	94	92	94	92	85	84	88	90	88	86	90	88	94	93	....	88.4
	Minimum	65	58	56	53	47	43	60	63	66	64	65	64	66	67	67	67	70	70	69	71	68	70	66	65	71	66	67	62	69	69	....	64.1
Cummins Farm	Maximum	80	72	70	74	78	86	89	83	84	89	91	91	92	96	93	96	95	94	94	89	86	89	93	94	92	86	92	90	94	84	....	87.9
	Minimum	65	61	59	55	51	51	62	68	66	69	76	70	70	74	69	71	72	74	72	74	70	66	65	61	74	69	69	67	71	70	....	67.0
Dardanelle	Maximum	81	82	72	80	83	87	89	91	90	91	93	94	92	95	97	97	95	94	94	88	87	91	93	91	97	96	90	90	90	85	....	89.8
	Minimum	63	60	55	51	52	55	60	69	67	67	68	68	69	68	73	73	74	74	73	70	58	58	64	64	73	67	72	72	72	67	....	65.9
De Queen	Maximum	83	80	76	78	78	83	85	82	81	84	87	86	88	92	92	89	89	89	89	78	84	88	88	85	89	87	88	84	87	88	....	85.2
	Minimum	62	58	56	52	53	64	57	72	67	65	65	67	67	69	70	72	76	73	72	68	63	67	68	68	70	68	69	69	70	70	....	66.2
Des Arc	Maximum	79	79	71	75	78	85	88	89	87	91	92	91	93	94	93	93	93	93	92	91	86	89	90	92	86	90	90	86	90	86	....	87.7
	Minimum	63	64	56	52	51	55	64	68	65	67	66	70	70	72	70	71	73	73	72	71	63	60	61	61	70	67	70	69	69	68	....	65.7
Devils Knob	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....
Dumas	Maximum	80	79	73	76	80	87	90	90	92	93	95	93	93	98	95	95	97	95	96	92	89	90	90	95	90	92	90	88	95	93	....	90.0
	Minimum	65	61	58	52	50	53	63	73	65	65	67	69	70	73	69	71	73	73	72	72	69	69	68	63	73	73	68	68	71	73	....	67.0
El Dorado	Maximum	81	76	70	76	79	86	85	76	83	88	92	91	94	97	93	93	94	92	90	95	81	82	89	89	78	86	91	81	93	91	....	86.4
	Minimum	59	60	58	55	53	52	58	63	63	59	64	63	70	68	69	71	70	71	70	74	66	68	68	67	69	69	70	71	70	71	....	65.3
England	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	...
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....
Eureka Springs	Maximum	77	69	69	73	77	83	83	90	87	86	88	87	87	90	90	92	91	89	88	73	85	85	88	82	90	84	89	87	86	82	....	84.2
	Minimum	60	50	49	46	46	60	63	63	66	63	68	69	69	64	73	73	71	73	67	58	52	57	63	62	71	64	68	68	69	63	....	62.9
Fayetteville	Maximum	76	65	68	75	78	84	85	89	88	86	88	88	86	90	91	92	92	89	86	71	85	87	87	84	60	87	87	86	86	83	....	84.3
	Minimum	59	52	50	44	49	59	63	66	65	63	67	69	70	63	70	72	73	73	69	59	51	56	65	66	71	65	69	69	69	66	....	63.4
Fayetteville Exp. S	Maximum	75	73	67	72	75	81	83	90	88	84	88	88	90	89	91	91	91	89	86	71	83	85	86	82	91	88	89	86	85	82	....	84.0
	Minimum	57	51	48	42	47	58	59	63	63	61	65	66	70	61	69	72	72	71	66	57	49	54	61	63	69	63	65	65	67	64	....	61.3
Fordyce	Maximum	83	78	77	78	81	85	89	87	85	90	94	92	94	96	95	94	93	91	93	93	87	93	92	91	85	87	94	86	95	92	....	89.0
	Minimum	65	61	57	53	51	58	62	68	64	66	70	70	71	72	69	72	73	73	72	72	67	66	67	67	73	68	68	70	77	73	....	67.2
Fort Smith	Maximum	80	68	71	76	82	89	88	90	89	90	91	91	91	92	96	96	94	93	92	75	85	88	90	87	94	88	92	90	89	86	....	87.4
	Minimum	62	56	54	52	53	57	58	67	66	67	67	66	68	67	72	73	73	74	71	60	56	61	66	67	71	68	70	70	69	67	....	64.9
Gilbert /	Maximum	81	79	71	77	77	84	86	91	92	89	92	94	90	92	95	94	94	92	92	78	86	91	89	91	95	90	89	89	87	89	....	87.9
	Minimum	58	69	52	46	44	48	54	55	60	59	58	59	64	60	64	65	63	65	65	60	53	52	54	61	66	64	65	64	63	65	....	59.2
Grannis /	Maximum	80	76	71	76	79	82	83	85	85	87	87	82	90	92	93	90	89	89	89	87	85	89	88	86	91	87	87	84	89	91	....	85.6
	Minimum	55	51	51	52	52	54	69	64	65	63	64	64	67	68	68	73	70	69	64	58	64	65	64	68	64	64	67	69	64	66	....	63.2
Gravette	Maximum	77	69	71	75	77	83	84	90	88	85	88	88	88	89	90	91	91	89	86	74	84	87	88	82	90	89	88	87	86	84	....	84.6
	Minimum	57	50	47	42	50	57	60	61	61	62	66	65	70	63	70	70	70	72	68	57	49	57	63	65	63	67	67	67	67	65	....	61.6
Green Mountain	Maximum	84	70	70	74	78	79	84	90	90	90	89	89	93	94	91	90	89	91	94	81	75	80	84	90	93	89	90	85	85	84	....	85.5
	Minimum	48	52	50	55	55	56	60	65	65	65	66	66	64	61	63	62	71	71	74	60	55	60	64	70	72	60	65	68	66	64	....	62.4
Harrison	Maximum	76	66	72	73	76	82	83	88	87	86	87	86	89	88	90	90	90	89	88	73	82	85	87	86	91	87	87	87	86	89	....	84.2
	Minimum	60	53	56	47	51	59	63	61	65	62	67	68	66	62	70	73	71	71	69	59	52	55	58	67	72	65	67	67	68	64	....	62.9
Helena	Maximum	77	76	68	72	76	81	84	87	85	90	89	87	90	91	90	91	90	88	90	89	82	86	88	89	84	83	87	86	86	89	....	85.0
	Minimum	64	57	57	52	51	58	65	68	63	69	66	71	71	75	68	73	73	72	72	72	67	65	64	65	72	69	69	68	71	73	....	66.7
Hope /	Maximum	84	79	72	72	81	85	88	80	84	87	91	90	92	95	96	91	92	92	92	81	85	90	90	89	92	92	86	84	92	92	....	87.2
	Minimum	63	59	57	52	50	57	59	67	65	68	67	69	70	70	72	72	74	73	72	71	66	67	68	67	75	65	69	70	72	73	....	66.6
Hot Springs	Maximum	83	79	72	79	81	85	89	88	84	87	94	92	94	96	96	96	95	95	94	90	93	95	94	90	95	92	90	89	91	88	....	89.5
	Minimum	62	57	54	50	51	58	63	70	64	64	68	71	77	70	72	73	74	74	72	70	62	63	66	67	74	65	70	70	71	68	....	66.3
Jonesboro	Maximum	79	70	71	73	79	83	87	90	90	92	92	90	90	95	93	95	94	92	92	88	85	91	92	92	88	90	89	90	89	87	....	87.6
	Minimum	64	58	54	49	49	53	64	69	65	66	68	71	70	71	69	70	73	74	74	70	60	57	60	59	69	70	68	67	69	69	....	65.0
Lead Hill	Maximum	80	62	72	75	78	84	84	92	89	90	91	90	89	92	92	93	93	92	92	77	83	90	90	90	96	90	91	92	89	89	....	86.9
	Minimum	58	52	52	41	43	50	54	56	62	59	61	62	66	62	62	67	66	70	70	61	46	50	52	54	66	66	65	64	67	65	....	59.0
Little Rock	Maximum	80	70	71	74	78	85	88	87	85	87	92	90	92	96	94	93	92	92	91	79	85	88	90	90	86	88	88	84	90	87	....	86.4
	Minimum	63	58	58	55	52	56	61	70	67	68	69	71	70	75	71	72	74	74	74	70	66	64	67	65	68	68	72	72	72	72	....	67.1
Lutherville	Maximum	77	70	69	75	75	80	85	88	86	88	88	89	87	93	92	89	91	91	89	85	87	88	90	88	94	88	85	87	86	87	....	85.6
	Minimum	59	56	48	52	52	55	57	65	65	64	65	70	68	65	70	71	71	73	72	54	65	59	63	62	72	65	64	70	70	65	....	63.6
Magnolia	Maximum	84	79	80	77	80	85	89	85	84	90	91	91	92	94	94	91	92	91	93	85	80	88	88	91	92	91	87	84	92	90	....	87.7
	Minimum	63	60	58	54	53	56	60	68	66	68	69	69	71	71	72	72	74	73	72	72	68	69	68	70	68	68	70	71	71	71	....	67.2
Mammoth Spring	Maximum	80	70	72	78	78	88	87	94	91	89	91	91	90	95	91	94	93	92	92	88	87	89	89	91	89	87	89	89	88	86	....	87.6
	Minimum	60	54	54	44	44	50	54	60	63	61	60	63	66	64	67	67	66	68	68	63	52	53	55	55	67	67	71	66	68	66	....	60.5
Marianna /	Maximum	78	69	70	75	78	83	86	90	89	92	92	90	92	95	92	93	93	93	93	86	87	88	89	93	79	87	90	90	87	87	....	86.9
	Minimum	65	59	58	50	50	54	63	68	64	69	61	70	70	75	68	72	72	72	71	79	68	61	61	59	71	70	67	67	72	69	....	65.8
Marked Tree /	Maximum	79	66	70	75	80	85	88	93	92	93	93	92	93	95	94	97	95	94	93	84	86	91	92	93	82	89	91	90	89	92	....	88.2
	Minimum	65	59	55	50	49	52	62	68	65	67	67	71	71	73	70	72	72	74	73	74	63	59	61	61	71	71	68	67	70	71	....	65.7
Marshall /	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....
Mena	Maximum	80	72	68	76	79	84	85	87	82	87	90	88	92	93	95	94	91	89	89	80	86	89	90	87	93	91	89	88	90	86	....	86.3
	Minimum	60	55	51	49	49	55	60	68	63	65	65	67	67	68	69	71	72	72	71	63	54	61	65	63	64	64	67	67	70	65	....	63.3
Monticello	Maximum	82	75	71	75	79	84	87	88	85	90	92	90	91	96	92	92	92	92	92	86	85	88	88	90	88	91	89	88	94	93	....	87.5
	Minimum	64	58	58	53	54	56	64	66	64	67	67	68	70	71	69	71	73	72	72	72	70	69	69	69	72	70	68	71	71	72	....	67.0
Morrilton /	Maximum	80	70	72	77	79	84	84	88	86	90	91	90	92	93	95	94	93	92	91	79	85	89	90	91	92	89	87	85	81	85	....	86.5
	Minimum	63	60	55	52	52	57	62	69	65	67	67	66	68	68	71	73	73	75	74	70	59	57	63	62	69	67	69	71	70	70	....	65.5
Mountain Home	Maximum	77	65	73	75	78	83	86	92	90	89	90	90	89	91	92	94	93	92	91	78	85	87	90	90	94	89	88	87	85	85	....	86.3
	Minimum	58	54	52	45	45	51	60	60	64	61	62	63	68	62	68	68	67	71	69	62	51	53	55	56	63	69	68	67	66	67	....	60.8
Mt. Ida	Maximum	81	76	70	76	79	84	86	86	87	89	90	90	92	94	95	95	92	92	91	88	86	89	91	90	94	89	86	89	92	87	....	87.5
	Minimum	60	60	54	44	44	50	53	68	60	62	65	66	62	68	66	72	75	74	74	67	55	57	58	59	65	63	67	68	67	66	....	62.3
Nashville	Maximum	84	79	73	78	79	84	88	86	82	87	90	90	92	96	96	93	93	93	92	80	86	89	90	89	93	93	88	85	84	93	....	87.5
	Minimum	64	57	57	53	52	53	56	70	66	67	64	64	66	69	70	69	70	76	71	76	65	67	69	67	74	67	67	70	70	72	....	65.9

Daily Temperatures for June, 1946 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	82	68	74	79	81	85	90	92	92	94	95	93	94	98	96	97	97	96	94	85	87	92	93	95	86	94	94	92	90	87	....	89.7
	Minimum	66	61	57	52	52	57	64	71	68	68	70	71	70	70	72	72	73	75	73	72	59	59	61	61	74	68	72	69	70	70	....	66.6
Nimrod Dam/	Maximum	81	73	72	78	80	85	86	90	87	89	91	90	91	95	95	94	93	91	92	77	86	93	91	88	94	90	89	88	90	83	....	87.4
	Minimum	60	59	54	49	47	52	62	66	62	63	64	64	65	68	68	71	72	72	70	69	56	56	61	59	72	65	69	67	68	69	....	63.3
Oden	Maximum	79	71	70	77	89	84	84	86	82	87	87	86	90	92	91	90	90	87	85	73	78	85	83	87	87	86	83	85	83	85	....	84.1
	Minimum	59	54	52	46	45	49	55	66	60	62	61	61	61	66	65	67	72	68	70	58	53	55	61	61	68	63	62	64	68	64	....	60.5
Okay	Maximum	86	86	75	78	80	83	87	88	85	88	89	90	91	95	95	96	92	92	92	94	85	89	91	90	92	92	92	86	92	93	....	88.8
	Minimum	63	57	57	52	52	56	57	70	66	67	62	64	68	69	70	71	75	72	70	69	64	67	68	69	73	66	67	69	72	69	....	65.7
Ozark	Maximum	80	70	70	70	79	86	89	90	90	91	91	90	92	90	94	94	95	91	91	88	85	89	90	89	95	91	88	89	88	80	....	87.3
	Minimum	60	56	54	50	53	58	57	65	64	60	62	65	66	66	62	71	70	74	72	66	55	58	67	67	70	66	71	72	72	68	....	63.9
Paragould	Maximum	79	69	72	74	80	84	87	91	92	92	92	90	91	95	93	95	94	92	92	84	86	91	91	92	85	89	92	91	90	90	....	87.8
	Minimum	66	59	55	50	48	51	63	69	67	66	67	69	59	74	70	71	70	72	73	69	58	56	59	58	70	71	69	67	70	69	....	64.5
Perryville	Maximum	81	76	71	77	80	85	87	88	89	90	91	91	93	94	95	95	93	94	93	81	84	88	90	91	93	91	90	86	87	89	....	87.8
	Minimum	54	56	55	47	46	50	55	64	67	67	62	62	63	64	66	69	68	69	67	69	56	54	59	57	70	67	66	68	67	65	....	61.6
Pine Bluff	Maximum	82	75	71	77	82	87	89	93	89	87	94	93	92	97	95	96	94	93	94	84	90	93	93	96	88	92	93	90	94	88	....	89.4
	Minimum	65	63	58	55	53	56	64	70	68	68	70	73	72	73	71	74	75	75	74	75	69	66	68	67	75	70	71	72	73	74	....	68.6
Pocahontas	Maximum	78	72	73	77	79	82	86	92	94	92	92	90	92	95	95	95	94	93	93	84	87	91	92	93	90	90	91	91	90	96	....	88.6
	Minimum	63	57	54	48	45	50	57	67	65	64	64	68	67	68	68	68	68	71	72	67	53	54	63	56	72	67	72	66	70	68	....	63.1
Portland	Maximum	80	76	72	76	80	85	86	90	85	88	90	90	91	94	93	92	91	90	91	87	83	85	87	88	85	86	88	88	92	90	....	86.6
	Minimum	65	63	59	55	62	62	65	65	65	67	76	80	70	72	82	70	73	73	70	73	68	70	68	76	72	70	68	70	72	72	....	69.1
Prescott	Maximum	86	83	77	74	82	86	90	90	83	89	94	92	94	98	98	94	94	94	93	82	88	93	93	92	94	90	89	88	93	94	....	89.6
	Minimum	62	59	57	54	53	55	59	69	65	68	68	67	71	71	71	72	72	74	76	73	67	68	69	67	76	66	68	69	71	74	....	67.0
Rogers	Maximum	77	69	69	79	77	82	83	88	87	85	85	87	86	89	91	91	91	89	88	72	83	85	87	81	89	84	90	88	87	83	....	84.1
	Minimum	59	52	49	45	48	56	59	60	65	62	65	65	68	62	69	71	70	71	70	57	51	55	62	61	69	64	66	66	68	65	....	61.7
Russellville	Maximum	81	79	72	78	80	86	88	89	87	91	91	91	91	93	95	95	94	94	93	89	85	89	90	90	96	94	87	85	89	83	....	88.2
	Minimum	62	58	55	50	49	54	65	68	68	65	65	68	69	68	70	71	72	73	74	70	57	57	62	62	71	66	74	71	71	67	....	65.1
St. Charles/	Maximum	81	70	72	76	79	83	87	85	91	92	92	91	92	90	91	92	91	92	89	88	88	89	90	93	80	90	90	90	90	88	....	87.1
	Minimum	63	60	56	52	50	53	64	66	67	62	64	68	68	72	69	66	72	71	72	67	64	64	74	62	71	69	66	67	68	68	....	65.2
Searcy	Maximum	84	76	72	77	82	86	90	93	91	93	94	93	93	96	96	96	96	95	95	85	89	92	94	96	89	93	92	90	90	85	....	89.8
	Minimum	63	59	56	51	48	53	61	70	65	68	67	69	69	70	70	71	71	72	71	72	58	60	59	59	72	66	72	70	69	69	....	65.0
Sheridan	Maximum	80	75	71	75	78	84	86	90	86	87	92	90	91	95	94	93	92	92	91	80	87	89	90	92	90	88	89	86	91	88	....	87.1
	Minimum	59	54	54	46	45	49	56	66	61	62	64	63	65	69	66	67	69	69	68	69	61	57	60	61	70	64	68	66	66	69	....	62.1
Siloam Springs	Maximum	75	62	68	73	76	82	84	89	89	85	88	89	87	89	90	90	91	88	86	72	82	85	86	86	90	85	88	87	85	82	....	83.6
	Minimum	58	50	47	42	48	65	58	61	62	62	65	66	68	62	70	71	70	72	68	58	51	51	62	67	70	62	65	67	66	63	....	61.6
Stuttgart	Maximum	78	75	72	75	78	84	86	89	86	90	91	90	92	95	94	93	92	91	92	88	86	89	90	93	86	88	89	85	91	89	....	87.2
	Minimum	65	61	58	53	53	56	64	68	67	70	69	72	72	75	71	73	74	74	74	74	69	65	66	66	73	68	70	70	71	72	....	67.8
Stuttgart Evap./	Maximum	79	72	71	75	75	84	87	89	86	90	92	90	91	95	92	92	93	92	92	85	86	88	88	92	80	88	88	85	89	85	....	86.4
	Minimum	66	61	59	54	53	55	64	68	65	68	69	71	70	75	70	73	73	74	73	73	69	66	65	62	72	70	69	70	72	70	....	67.3
Subiaco	Maximum	78	76	69	74	78	79	88	87	86	86	91	92	90	88	92	93	93	93	88	91	84	78	88	85	93	91	88	88	90	84	....	86.0
	Minimum	62	57	54	51	52	50	66	66	66	65	66	67	70	66	72	74	74	76	57	75	55	66	66	65	71	65	70	70	72	65	....	65.0
Texarkana	Maximum	84	80	73	77	80	83	86	85	85	85	89	88	89	93	96	90	91	91	91	82	82	88	89	90	91	91	86	90	91	81	....	86.6
	Minimum	63	60	58	56	56	62	63	69	69	69	70	70	72	71	73	75	76	74	74	69	68	69	69	72	75	67	70	73	74	70	....	68.5
Turnpike	Maximum	72	67	63	70	72	74	80	84	86	82	83	83	82	85	86	85	85	84	83	80	80	81	83	81	86	83	74	82	81	76	....	79.8
	Minimum	56	48	48	50	56	49	54	65	64	65	66	67	66	65	65	68	70	70	69	50	56	65	63	65	65	62	56	66	68	61	....	61.3
Waldron	Maximum	81	75	70	77	79	85	86	89	86	90	92	90	91	94	96	96	95	92	92	79	86	90	90	90	95	91	90	90	92	88	....	87.9
	Minimum	61	54	54	51	50	55	60	67	63	66	64	66	64	67	69	69	72	75	75	65	54	58	67	63	72	65	67	67	68	66	....	63.8
Warren	Maximum	82	79	78	76	80	85	89	87	85	90	93	90	91	95	94	93	94	91	93	87	85	90	91	91	87	90	90	88	92	92	....	88.3
	Minimum	66	62	58	56	50	53	63	70	65	67	69	72	73	73	70	72	75	74	73	73	69	69	70	68	74	69	69	67	72	75	....	67.9
White Rock	Maximum	76	61	65	71	72	78	80	84	83	82	84	79	80	85	87	88	86	84	82	72	79	82	84	80	86	84	84	83	80	79	. .	80.0
	Minimum	57	47	45	49	52	55	60	64	63	63	64	62	62	69	62	65	69	68	66	55	56	62	65	64	66	60	66	66	66	61	....	61.0
Wilson	Maximum	76	66	71	74	79	85	90	90	89	94	95	93	95	98	94	96	96	94	94	89	86	90	92	93	90	88	91	92	93	91	....	88.8
	Minimum	61	58	54	47	45	52	63	67	63	65	65	66	69	70	69	71	71	71	70	71	61	57	59	60	70	68	66	66	68	74	....	63.9
Wynne/	Maximum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....
	Minimum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....	....

Daily River Stages for June, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	17.3	18.9	18.7	17.6	16.5	15.0	10.8	9.4	8.9	8.4	8.2	7.6	6.1	5.8	6.0	8.0	7.3	5.8	5.8	4.3	....	4.7	5.4	5.4	5.2	5.0	5.8	10.7	11.7	11.2	....
Van Buren	do	22	17.9	19.4	19.5	18.4	17.4	16.0	11.9	10.4	9.7	9.3	8.9	8.6	7.5	6.3	7.3	8.9	8.2	7.0	5.9	5.2	5.9	5.8	6.3	6.3	6.0	5.9	6.6	11.1	12.3	12.0	....
Danville	Petit Jean	20	20.9	20.8	19.7	17.8	15.3	12.2	10.1	8.4	6.7	5.6	5.0	4.6	4.2	4.2	7.1	6.6	5.3	4.5	4.0	3.7	4.5	3.3	3.2	3.1	3.0	4.6	3.6	3.4	3.2	3.2	....
Ozark	Arkansas	22	12.2	14.0	15.0	14.1	13.0	11.9	9.2	6.4	5.4	4.9	4.2	4.5	3.8	3.5	3.6	3.4	4.1	3.4	2.5	1.2	1.8	1.6	1.6	2.2	2.7	2.1	2.0	4.0	7.0	7.6	....
Dardanelle	do	22	13.4	16.1	17.5	17.7	16.5	15.2	14.0	10.7	8.5	7.6	7.1	6.7	6.3	5.8	6.2	5.8	5.7	6.1	5.2	4.3	3.6	3.4	3.4	3.6	3.8	5.0	3.8	3.6	6.8	9.5	....
Morrilton	do	20	9.1	11.4	13.2	13.8	12.9	11.8	10.6	7.9	4.6	3.0	2.2	1.8	1.2	0.9	0.4	1.0	0.4	1.0	0.4	-0.4	-1.2	-1.8	-1.7	-1.7	-1.4	-1.3	-0.7	-1.2	-0.8	3.2	....
Little Rock	do	23	10.7	11.0	12.9	13.9	13.9	12.9	12.0	10.7	8.6	7.1	6.3	5.9	5.5	5.3	5.0	5.0	5.0	4.8	5.0	4.6	4.1	3.4	3.0	2.9	2.9	3.1	3.1	3.6	3.2	4.0	....
Pine Bluff	do	25	14.3	14.1	15.1	16.6	16.8	16.6	15.8	15.0	13.5	11.2	9.6	8.5	7.0	6.7	6.4	6.3	6.2	6.1	6.0	6.0	5.9	5.5	4.6	4.2	4.1	4.0	4.0	4.2	4.6	4.3	....
Gilbert	Buffalo	30	7.9	7.3	6.9	6.2	5.8	5.4	5.0	5.0	4.9	4.9	4.8	4.6	5.5	7.8	5.9	5.4	5.2	4.9	4.6	4.3	4.2	4.2	4.1	4.1	3.9	4.2	4.3	4.2	4.1	4.0	....
Black Rock	Black	14	23.3	23.3	22.7	22.3	21.8	21.2	20.5	19.8	18.9	18.1	17.3	16.4	15.4	14.4	13.3	12.2	10.7	9.8	8.8	8.2	7.6	7.1	6.8	6.5	6.4	6.1	6.5	6.1	5.9	5.8	....
Forsyth, Mo.	White	80	7.9	8.8	8.7	7.9	7.1	6.6	6.4	5.6	3.5	4.0	3.5	1.4	3.3	3.8	2.0	1.5	3.8	3.4	1.7	1.1	1.0	1.0	2.0	1.2	1.0	1.0	1.0	1.0	1.0	2.3	....
Cotter	do	21	10.8	8.7	8.8	8.2	8.0	7.6	7.3	6.0	5.4	4.3	4.0	4.2	3.8	4.1	4.1	4.0	3.9	2.9	4.0	4.5	3.4	3.0	3.4	3.3	2.3	3.9	3.1	2.8	2.8	2.9	....
Calico Rock	do	18	11.4	11.6	10.5	10.2	9.5	8.6	8.0	7.5	7.3	6.8	6.0	6.4	6.2	5.8	7.0	6.3	6.0	5.6	3.8	4.0	3.7	3.6	3.5	3.6	3.3	4.8	4.0	3.2	2.8	2.4	....
Batesville	do	23	21.7	20.6	17.9	17.3	16.7	15.7	14.8	14.2	13.7	13.4	12.3	11.9	12.3	12.0	12.0	12.6	12.1	11.8	9.9	9.9	9.9	9.5	9.0	9.0	8.9	10.0	10.5	9.4	8.4	8.4	....
Newport	do	26	28.2	28.1	27.6	26.9	26.4	25.8	24.8	24.0	23.2	22.3	21.3	20.1	19.3	18.5	17.7	17.4	16.7	15.5	14.1	11.8	10.5	9.4	8.4	7.7	7.2	6.8	7.2	7.7	7.1	6.3	....
Augusta	do	32	34.7	34.4	34.1	33.8	33.4	33.1	32.9	32.7	32.4	32.2	32.0	31.8	31.5	31.2	31.2	30.7	30.4	30.1	29.3	28.2	26.8	25.4	24.0	22.8	21.6	20.8	20.3	20.5	20.4	19.7	....
Sugar Loaf Mt.	Little Red	..	13.6	9.3	7.8	7.1	6.5	6.0	5.6	5.3	5.1	4.8	4.7	4.5	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.5	3.8	3.6	4.6	4.2	3.9	....
Georgetown	White	21	27.4	27.4	27.2	26.9	26.4	25.9	25.5	25.0	24.5	24.0	23.5	23.1	22.7	22.3	21.9	21.5	21.2	20.8	20.5	20.0	19.3	18.1	16.8	15.5	14.1	13.1	12.1	11.3	11.2	10.7	....
Des Arc	do	24	29.7	29.9	29.9	29.8	29.4	29.0	28.5	28.0	27.5	27.1	26.5	26.5	25.4	24.9	24.4	23.9	23.4	23.4	22.7	22.2	21.7	21.0	20.1	19.1	18.0	17.0	15.9	15.0	14.5	14.0	....
Clarendon	do	26	30.8	31.1	31.2	31.4	31.4	31.4	31.3	31.2	31.0	30.7	30.4	30.1	29.7	29.3	29.0	28.6	28.2	27.9	27.5	27.2	26.9	26.6	26.3	25.9	25.4	25.3	24.6	23.8	22.9	22.1	....
St. Charles	do	25	28.2	28.6	28.9	29.1	29.3	29.4	29.5	29.5	29.5	29.3	29.1	28.9	28.6	28.3	27.9	27.5	27.1	26.7	26.4	26.1	25.9	25.6	25.4	25.2	25.0	25.0	24.8	24.6	24.4	23.9	....
Glenwood	Caddo	..	5.8	5.6	5.4	4.9	4.9	4.9	4.8	4.8	5.0	5.0	4.8	4.9	4.9	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.8	4.7	4.6	4.6	4.6	4.8	4.7	4.7	4.7	4.7	....
Arkadelphia	Ouachita	17	10.3	9.8	10.8	10.4	9.2	7.3	6.9	7.0	6.4	4.6	6.5	6.0	4.7	4.8	5.5	4.2	4.0	4.0	4.4	4.2	4.6	3.8	3.7	3.8	3.6	4.3	4.0	3.8	4.0	3.8	....
Boughton	Little Mo.	20	11.5	10.2	9.5	9.0	8.2	6.6	6.4	6.2	5.9	5.5	5.4	5.3	5.2	5.0	5.0	4.8	4.8	4.7	4.6	4.6	4.6	4.5	4.5	4.4	4.5	4.6	4.6	4.5	4.4	4.4	....
Camden	Ouachita	26	33.5	31.9	30.2	28.9	27.0	25.3	21.1	19.0	16.7	14.9	13.3	12.5	10.6	9.2	8.5	7.3	7.8	6.3	5.5	5.7	6.3	5.8	5.5	5.9	5.5	5.0	5.2	5.7	5.2	5.4	....
Benton	Saline	20	8.2	7.7	7.0	6.7	6.2	6.0	5.9	5.8	5.6	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.0	3.9	3.8	3.8	3.4	3.8	3.8	4.0	4.5	....
Index	Red	25	13.1	17.6	18.6	18.5	17.2	16.2	15.8	15.1	14.0	13.8	14.6	14.6	13.9	14.2	13.4	12.0	11.4	11.2	11.2	10.8	10.4	10.0	9.5	9.0	8.8	8.4	8.2	7.8	7.6	7.5	....
Fulton	do	25	19.2	22.3	23.4	23.2	22.4	21.2	20.3	19.2	17.7	16.6	16.3	16.2	15.8	15.4	14.8	13.1	12.1	11.7	11.6	11.4	10.4	10.2	9.9	9.5	8.9	8.4	8.4	8.9	8.6	8.3	....
St. Francis	do	18	21.1	21.0	20.9	20.8	20.7	20.5	20.4	20.2	19.9	19.8	19.7	19.4	19.1	18.8	18.3	17.6	16.3	13.9	11.1	10.4	11.0	11.2	10.4	9.0	8.1	7.5	8.5	9.6	10.3	9.6	....
St. Francis L.L.	do	..	24.9	25.1	25.1	25.2	25.2	25.2	25.1	24.9	24.9	24.8	24.6	24.4	24.3	24.2	24.0	24.0	23.8	23.6	23.3	23.0	22.8	22.5	22.2	21.9	21.6	21.3	20.9	20.6	20.4	20.2	....
Marked Tree	do	17	9.4	8.1	8.0	8.0	7.4	7.0	6.6	8.0	7.1	6.5	7.4	8.0	7.0	6.3	7.4	4.0	5.6	5.7	7.0	7.4	7.4	7.3	7.2	7.2	7.2	7.0	7.0	6.8	6.7	6.6	....
Parkin	do	28	20.9	20.7	20.4	20.2	20.0	19.9	19.6	19.5	19.5	19.2	18.9	18.7	18.3	17.8	17.2	16.6	15.9	15.4	14.9	14.4	13.8	13.3	12.6	11.8	10.6	9.5	9.8	9.4	9.0	8.6	....
Madison	do	32	23.9	23.7	23.5	23.0	22.8	22.5	22.4	22.1	22.1	21.9	21.7	21.5	21.3	20.9	19.4	19.2	19.1	18.3	17.4	16.9	16.3	15.6	14.9	14.3	13.5	13.0	12.5	12.5	12.5	12.4	....
Helena	Mississippi	44	30.0	29.1	28.0	26.9	25.9	25.3	25.0	25.4	26.1	27.0	27.7	28.0	28.1	27.6	26.8	25.5	23.9	22.1	20.5	19.3	18.5	18.3	18.8	20.1	22.0	23.8	25.4	26.7	27.5	27.8	....
Arkansas City	do	42	30.7	30.2	29.7	29.3	29.0	28.7	28.3	28.1	28.0	28.1	28.2	28.3	28.3	28.1	27.8	27.0	26.1	24.9	23.6	22.2	21.3	20.4	19.8	19.6	20.1	21.2	22.3	23.4	24.3	25.0	....

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana: Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill: Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley; Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover; Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas— 9-6-1946—1100

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Nat Hist

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. LI — Little Rock, Ark., July, 1946 — No. 7

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GENERAL SUMMARY

Near normal weather conditions prevailed in Arkansas during July. Most major crops made favorable progress, and field work suffered only slight interruption from adverse weather.

The monthly mean temperature for the State as a whole deviated only 0.3° from the average of previous years. Generally, stations in the southern section reported slight temperature deficiencies, while warmer than normal weather prevailed in the northern half of the State. The hottest weather occurred from the 10th to the 25th, while the coolest weather prevailed during the first week of July. Temperatures of 100° or higher were recorded by a majority of the reporting stations on one or more days between the 10th and 20th.

Precipitation averaged slightly above normal in the State during July. Rainfall was adequate in all sections except the extreme northwest and along the western border where the average was less than an inch. The heaviest totals reported were 9.92 inches at Arkansas City, and 9.21 inches at Crossett. Precipitation was quite general over the State on the 19-20th and 28-29th, and accounted for most of the month's rain.

July weather was favorable for crop growth and field work. Soil moisture was generally adequate, except in the northwestern section where crops suffered from drought and high temperatures during the latter part of the month. Cotton made good progress and most of the early planted was blooming at the close of the month. Corn progressed favorably, and rice made good growth except where too dry. The harvest of truck crops was underway, but dry weather in some sections curtailed yields.

B. N. W.

TEMPERATURE

The mean temperature for the State, as determined from the reports of 77 stations, was 80.8°, which is 0.3° above the 56 year average for July. The highest monthly mean temperature was 84.7° at Arkadelphia and the lowest was 76.2° at Turnpike. The highest temperature recorded was 106° at Lead Hill on the 19th and Nimrod Dam on the 23d. The lowest temperature recorded was 51° at Corning on the 14th.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 101 stations, was 3.94 inches, which is 0.23 inch above the 56 year average for July. The greatest monthly total was 9.92 inches at Arkansas City, and the least was 0.06 inch at Siloam Springs. The greatest amount recorded in a 24 hour period was 5.55 inches at Harrison on the 28th.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms: 1,3,6,7,8,11,12,15,17,18,19,20,21,25,26,27,28,29,30.

High Winds: 1,10,11,19,25,28,29.

Heavy Fog: 3,5,19,20,31.

Hail: 19,27,29.

UNIVERSITY OF ILLINOIS

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.09	26	29.83	22	5.9	30	n.	11	88	50	53	80	0
Little Rock	30.13	26	29.86	22	6.6	30	nw.	1	90	57	64	67	0
Memphis . .	30.12	24	29.85	22	6.2	20	e.	10	89	61	62	64	0

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	16	17	9	5
1895	78.9	104	55	7.34	0	2	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82 0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	42	3.55	0	8	17	9	5
1927	79 6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	43	6.00	0	11	12	11	8
1932	82.5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2 32	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
1938	82.0	109	59	3.74	0	7	14	11	6
1939	82.0	110	55	3 34	0	7	19	8	4
1940	78.4	103	48	4.14	0	8	13	9	9
1941	81.2	105	53	4.82	0	9	13	12	6
1942	81.1	105	53	1.39	0	3	17	11	3
1943	82.9	110	47	1.13	0	4	17	11	3
1944	81.2	108	49	2.61	0	4	16	11	4
1945	78.1	106	45	3.94	0	6	10	15	6
1946	80.8	106	51	3.94	0	7	14	12	5
Period	80.5	116	40	3.71	0	7	15	11	5

NAT. HIST.

Climatological Data for July, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	9	80.4	......	99	24	64	22	2.20	......	0.85	19	0	6	4	22	5	w.	L. R. Water Works
Arkadelphia	Clark	200	50	84.7	+ 3.5	100	18	65	3†	4.38	+0.67	1.50	8	0	6	13	9	9	sw.	W. H. Halliburton
Arkansas City	Desha	145	61	....	......	......	......	......	......	9.92	+6.31	3.12	1	0	14	16	2	13	......	John W. Trammell
Ashdown	Little River	329	2	81.2	......	97	7†	61	3	3.60	......	0.91	3	0	8	9	21	1	s.	Southwestern G. & E.
Batesville Airway	Independence	363	10	80.6	+ 0.4	103	18	62	14	4.88	......	2.45	28-29	0	7	6	22	3	nw.	Airway Observer
Batesville Livestk	Independence	500	5	80.5	......	103	18†	58	5	3.88	......	2.00	28	0	7	18	6	7	sw.	University of Arkansas
Batesville River	Independence	277	46	....	......	......	......	......	......	4.41	+0.93	2.09	28	0	10	17	4	10	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	78.8	− 2.4	98	25	60	3	5.95	+2.68	2.79	28	0	5	10	21	0	e.	Minnie Scanlan
Benton	Saline	285	10	78.9	− 1.8	97	18	60	4	8.91	......	2.88	19	0	9	21	8	2	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	79.4	+ 1.0	101	24†	55	3	2.34	−0.95	2.26	28-29	0	2	16	15	0	ne.	E. L. Brown
Bethesda***	Independence	500	6	79.9	......	102	18†	57	3†	3.86	......	1.82	28	0	6	15	8	8	ne.	Soil Cons. Service
Big Lake Outlet***	Mississippi	239	15	....	......	......	......	......	......	2.18	−0.99	0.69	20-21	0	8	11	19	1	s.	N. W. Douglas
Black Rock	Lawrence	259	44	....	......	......	......	......	......	4.03	+0.51	1.35	19	0	6	8	13	10	......	J. H. Ragan
Bluff City, 2 mi. s	Nevada	284	5	....	......	......	......	......	......	....	......	......	......	0	......	......	......	......	......	Ark. Forestry Com.
Blytheville	Mississippi	252	20	[a]80.6	− 0.9	[a]97	11	[a]62	13	3.22	+0.03	1.24	30-1	0	6	19	8	4	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	31	82.5	− 0.3	103	18†	57	3	2.32	−0.77	1.41	28-29	0	7	7	23	1	e.	F. H. Randolph
Boughton***	Clark	235	10	....	......	......	......	......	......	4.02	......	1.15	29-30	0	5	11	11	9	......	Katie B. Moore
Brinkley	Monroe	205	54	80.2	− 0.8	102	11	61	14	3.14	−1.14	1.95	20-21	0	7	6	10	15	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	41	....	......	......	......	......	......	3.69	−0.21	1.75	28	0	4	12	8	11	......	William Jones
Camden	Ouachita	116	60	81.4	− 0.1	100	18†	62	3	4.20	+0.18	1.04	21	0	12	14	13	4	se.	J. M. Knight
Camp Chaffee	Sebastian	419	2	83.5	......	102	25†	62	3	0.63	......	0.47	20-21	0	5	14	13	4	e.	U. S. Army
Camp Robinson	Pulaski	463	5	80.8	......	99	17	66	3†	2.43	......	0.97	29	0	7	2	27	2	ne.	U. S. Army
Clarendon	Monroe	172	41	....	......	......	......	......	......	5.80	+2.41	2.48	28	0	6	9	10	12	......	B. F. Northern
Conway	Faulkner	309	62	81.8	− 0.4	102	18	63	3†	1.58	−1.92	0.73	29	0	6	7	23	1	ne.	G. Y. Short
Corning	Clay	293	52	80.8	+ 0.7	103	18	51	14	3.22	−0.36	1.53	20	0	5	20	5	6	w.	Mrs. Laura Polk
Cotter	Baxter	440	18	....	......	......	......	......	......	5.70	+2.90	2.53	20	0	6	20	5	6	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	33	80.1	− 1.5	96	16	64	3	9.21	+4.59	3.94	6-7	0	9	10	12	9	s.	U. S. Forest Service
Cummins Farm***	Lincoln	176	2	81.1	......	97	17	68	3	7.09	......	2.10	28-29	0	8	14	13	4	s.	T. C. Cogbill
Danville	Yell	327	29	....	......	......	......	......	......	5.72	+2.56	2.29	29	0	5	14	11	6	......	J. A. Moudy
Dardanelle	Yell	330	59	83.5	+ 1.2	103	19†	62	3	5.02	+1.64	3.16	28	0	8	4	22	5	e.	Geo. N. Goodier
DeQueen	Sevier	426	10	81.2	......	97	4†	62	31	0.76	......	0.40	19	0	3	5	26	0	......	L. D. McCowan
Des Arc	Prairie	204	7	80.2	......	98	11	64	4	7.24	......	3.12	28	0	8	6	1	24	s.	Z. R. Glenn
Devils Knob***	Johnson	2350	9	....	......	......	......	......	......	....	......	......	......	......	......	......	......	......	......	U. S. Forest Service
Dumas	Desha	162	40	81.4	− 1.0	97	17	65	29	7.44	+3.46	1.75	6-7	0	9	4	13	14	s.	Ben Johnson
El Dorado	Union	270	45	80.6	− 2.0	99	17	62	29	3.85	−0.59	1.19	7	0	6	12	12	7	s	Airway Observer
England	Lonoke	229	39	....	......	......	......	......	......	....	......	......	......	......	......	......	......	......	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	45	80.6	+ 1.6	101	25	56	3	0.15	−3.56	0.12	20	0	2	28	3	0	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	80.2	......	98	24†	57	3†	4.66	......	3.10	29	0	4	10	17	4	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	58	78.6	− 0.2	99	19†	54	3	3.28	−0.42	2.89	29	0	4	13	18	0	sw.	University of Arkansas
Fordyce	Dallas	280	5	82.6	+ 0.6	99	17†	66	3†	3.56	+0.44	1.29	28-29	0	12	9	18	4	se.	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	82.6	+ 1.2	102	27	62	3	0.53	−2.84	0.24	20	0	6	13	12	6	ne.	U. S. Weather Bureau
Fort Smith Wtr.P***	Crawford	793	8	....	......	......	......	......	......	3.63	......	1.61	29	0	3	28	2	1	......	Ft. Smith Water Dept
Fulton	Hempstead	260	60	....	......	......	......	......	......	1.93	−1.63	0.66	9	0	7	......	......	......	......	Ina J. Logan
Garland	Miller	225	3	....	......	......	......	......	......	2.90	......	0.91	29	0	6	19	0	12	......	L. D. Denney
Georgetown, 2 mi, se	White	200	33	....	......	......	......	......	......	7.27	+4.15	2.94	20	0	5	21	0	10	......	J. S. McDonald
Gilbert	Searcy	600	20	79.9	......	105	18	56	4	2.90	+0.02	1.10	26	0	5	10	16	5	s.	D. O. Dennis
Glenwood	Pike	547	10	....	......	......	......	......	......	4.14	......	1.48	29	0	10	15	1	15	......	C. A. Price
Grannis	Polk	950	26	80.6	+ 1.1	98	11†	61	2	2.73	−1.82	1.64	19	0	7	11	15	5	e.	W. E. McVay
Gravette	Benton	1250	48	80.0	+ 1.6	102	25	53	3	0.14	−3.37	0.09	1	0	2	24	6	1	sw.	J. A. Schmidt
Green Mountain***	Stone	1100	8	80.0	......	100	15†	60	30	3.45	......	2.35	28	0	5	20	8	3	s.	U. S. Forest Service
Harrison	Boone	1052	45	78.8	+ 0.7	99	19	56	3	8.65	+5.26	5.55	28	0	6	16	10	5	s.	R. C. Beeue
Helena	Phillips	300	73	79.4	− 2.0	95	17	64	22	2.66	−1.19	0.68	7	0	10	9	7	15	ne.	James A. Burnett
Hope 3 miles e	Hempstead	375	75	81.2	− 0.5	97	17†	62	3	8.49	+4.19	2.78	12	0	7	3	22	6	ne.	Univ. of Arkansas
Hot Springs	Garland	600	53	82.8	+ 0.5	102	18	63	3	5.23	+1.12	2.76	28-29	0	10	19	10	2	s.	National Park Service
Index***	Little River	275	28	....	......	......	......	......	......	3.30	−0.61	1.50	8	0	4	26	0	5	......	W. E. McDowell
Jessieville	Garland	750	19	....	......	......	......	......	......	....	......	......	......	......	......	......	......	......	......	U. S. Forest Service
Jonesboro	Craighead	345	50	80.2	− 1.1	99	18	65	14†	3.56	+0.33	1.70	20-21	0	8	11	13	7	ne.	Benedictine Sisters
Lead Hill	Boone	650	39	80.7	+ 0.6	106	19	53	3	3.82	+0.13	2.28	28	0	5	22	7	2	s.	F. W. Kellogg
Little Rock	Pulaski	257	66	81.5	+ 0.6	97	18	68	31	2.56	−0.94	0.97	28-29	0	5	8	17	6	sw.	U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	47	80.2	− 0.1	100	18	63	3	5.12	+1.58	2.50	28-29	0	7	16	9	6	s.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	....	......	......	......	......	......	1.14	−3.66	0.31	28	0	5	......	......	......	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	81.6	− 0.9	98	11†	63	3	4.68	+0.67	2.28	21	0	5	5	17	9	se.	State Agri. School
Mammoth Spring	Fulton	600	41	79.4	+ 0.4	103	18	56	3	2.08	−1.42	1.18	20	0	4	22	9	0	w.	L. A. O'Neal
Marianna	Lee	235	34	79.2	− 2.0	97	17	62	16	4.09	+0.70	2.70	7	0	5	4	20	7	sw.	Univ. of Arkansas
Marked Tree	Poinsett	229	41	80.6	− 0.4	100	18	65	14	1.93	−1.68	0.35	20-21	0	8	21	10	0	n.	Chas. Walton
Marshall	Searcy	1050	27	....	......	......	......	......	......	....	......	......	......	......	......	......	......	......	......	Mrs. Minnie Horton
Mena	Polk	1207	57	80.6	+ 0.3	99	17†	57	3	3.34	−0.54	1.48	30-1	0	8	15	15	1	w.	E. W. St. John
Monticello	Drew	273	5	80.6	......	94	11†	66	3	7.49	......	2.50	21	0	14	2	18	11	s.	Airway Observer
Morrilton***	Conway	315	29	82.1	− 0.5	101	18†	64	3	3.38	+0.94	2.20	28	0	5	19	9	3	ne.	L. A. Dicus
Mountainburg	Crawford	712	8	....	......	......	......	......	......	3.40	......	1.79	29	0	4	26	4	1	s.	C. A Lovell
Mountain Home***	Baxter	800	33	79.4	0.0	101	19	57	3	6.30	+2.78	2.60	20	0	4	23	3	5	w.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	79.8	− 0.1	101	18	57	3	6.15	+2.65	2.72	20-21	0	10	18	9	4	sw.	J. S. Whittington
Mulberry 6 mi. n***	Franklin	433	7	....	......	......	......	......	......	4.94	......	2.05	28	0	8	23	3	5	......	H. G. Arvin
Nashville	Howard	350	7	82.2	......	100	11†	62	3	2.87	......	1.68	29	0	7	18	10	3	ne.	Brice Carruth
Newport	Jackson	231	62	83.2	+ 1.7	102	18	65	14	2.74	−0.48	1.55	28	0	9	8	10	13	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	4	82.0	......	106	23	60	3	5.16	......	3.27	28-29	0	8	15	12	4	s.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	18	82.0	......	104	24	57	3	3.35	+0.21	1.59	28-29	0	8	6	22	3	sw.	U. S. Forest Service
Okay	Howard	288	17	82.0	− 0.9	98	10†	61	3	2.44	−1.16	1.01	21	0	6	14	16	1	sw.	J. T. Hargis
Osceola	Mississippi	250	45	....	......	......	......	......	......	1.62	−1.75	1.12	9	0	3	18	13	0	......	C. E. Carter
Ozark	Franklin	396	50	81.9	− 0.3	101	25	59	3	4.08	+0.91	1.70	29	0	6	19	11	2	e.	Orkney O. Milton
Paragould	Greene	275	22	[c]80.2	......	[c]100	18	[c]61	14	5.70	+2.48	4.72	20-21	0	7	19	10	2	ne.	Jene J. Coffman
Parkin, 2mi. w	Cross	222	15	....	......	......	......	......	......	3.33	−0.09	2.00	28-29	0	7	13	6	12	......	Carroll King
Perryville	Perry	325	6	80.5	+ 0.7	102	18†	61	3†	3.12	−1.13	2.00	28-29	0	7	19	11	1	nw.	Gordon Bennett
Pine Bluff	Jefferson	215	58	83.8	+ 1.3	102	25	69	9†	1.52	−2.08	0.81	28-29	0	6	7	21	3	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	21	....	......	......	......	......	......	5.53	+1.84	3.06	30-1	0	8	21	6	4	sw.	J. R. Huddleston
Pocahontas	Randolph	300	52	81.2	+ 0.6	102	18	62	14	3.69	−0.30	1.24	19	0	10	14	11	6	n.	Benedictine Sisters
Portland	Ashley	122	39	80.4	− 1.4	95	17	67	3	7.03	+3.10	2.75	7	0	9	12	14	5	s.	Mrs. Pearl Newton
Prescott	Nevada	318	57	82.6	+ 0.2	101	27	64	20	4.20	+0.66	1.25	29	0	7	22	6	3	se.	R. P. Hamby
Rogers	Benton	1300	55	79.4	+ 1.4	101	24	54	3†	4.04	+0.36	4.04	28-29	0	1	22	8	1	ne.	Howard Fowler
Russellville	Pope	526	33	81.8	+ 0.3	100	23†	60	3	3.57	−0.53	2.81	29	0	4	10	20	1	e.	U. S. Forest Service
St. Charles	Arkansas	175	12	80.5	......	100	23	64	28	1.85	......	1.00	28	0	4	0	27	4	sw.	U. S. Biological Survey
St. Francis	Clay	290	18	....	......	......	......	......	......	2.19	−1.86	0.81	20-21	0	5	18	0	13	......	Wm. S. Buckley
Searcy	White	245	35	82.6	+ 1.2	105	18	65	14	3.55	+0.60	1.24	28	0	6	19	7	5	se.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	5	78.8	......	97	17†	60	3†	4.84	......	1.73	28-29	0	10	3	25	3	se.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	78.9	......	99	24	54	3	0.06	......	0.06	11	0	1	25	6	0	s	John Brown Univ.
Story	Montgomery	650	21	....	......	......	......	......	......	4.40	+0.93	1.80	29	0	6	19	11	1	s.	S. C. Story
Stuttgart	Arkansas	214	58	81.6	+ 0.3	96	11†	68	3†	4.37	+0.58	2.00	28-29	0	7	19	10	2	ne.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	10	81.0	......	96	17†	67	22	4.98	......	3.39	28-29	0	11	16	14	1	......	University of Ark.
Subiaco	Logan	750	47	81.4	− 0.9	101	25	58	4	3.26	+0.09	1.34	28-29	0	7	0	13	18	s.	New Subiaco Abbey
Texarkana	Miller	332	61	81.9	− 0.6	96	18†	66	3	2.98	−1.13	1.17	21	0	7	11	14	6	ne.	U. S. Weather Bureau

Climatological Data for July, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike ***	Pope	2240	21	76.2	......	95	24	61	3†	4.03	+0.75	2.20	28-29	0	5	14	12	5	se.	U.S Forest Service
Waldron	Scott	675	26	80.9	......	100	17†	58	3	4.18	+1.31	1.25	8	0	6	13	17	1	ne.	William D Bivens
Warren	Bradley	206	51	82.1	− 0.3	98	17	68	4†	3.38	−0.51	0.80	6-7	0	11	10	16	5	se.	C. N Turner
Whitecliffs	Little River	290	39	....	......	......	......	......	......	1.22	−1.47	0.35	21	0	6	29	0	2	......	L. M. Snead
White Rock ***	Franklin	2285	9	77.5	......	98	25	61	29	4.32	......	2.54	29	0	4	23	7	1	se.	U. S. Forest Service
Wilson	Mississippi	237	20	79.9	− 0.9	98	9†	64	5†	2.52	−0.92	0.82	18	0	4	16	0	15	s.	D. O. Anderson
Wynne	Cross	167	37	....	......	......	......	......	......	....	......	......	......	......	......	......	......	......	......	Guy B. Upton
State Means	....	....	..	80.8	+ 0.3	106	19†	51	14	3.94	+0.23	5.55	28	0	7	14	12	5	s.	

Daily Precipitation for July, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	.54																			.64	.03								.21			1.42
Alum Fork Reser.	Arkansas		T.				T.	T.	.55							.05				.75	.10	.10						T.	.65				2.20
Aplin[2]	Arkansas	.39	.03						.34							.35	.58				.55	.77							.13	3.48	.05	.23	6.90
Arkadelphia[2]	Ouachita	.32								1.50			T.								.70		T.						T.	1.42	.02	.42	4.38
Arkansas City[2]	Mississippi	3.12						.51	.13	.15			.10			.41	.20			.02	.30	.12	2.21				T.			.32	1.01	1.32	9.92
Ashdown[2]	Red	.22	T.	.06	.91					.48					.71						.21	.34	.67									T.	3.60
Augusta[2]	White	.34				T.							.07								.04	.85	.08					.01		2.31	.23		3.93
Batesville Air'y[3]	White						.40													1.36	.15						.35		2.43	.02	.17		4.88
Batesville Livestk[2]	White	.31																.22			.06	.18						.36		2.00	.75		3.88
Batesville River[2]	White	.32					.21	.08													1.20	.09					.05	.20	.01	2.08		.17	4.41
Beaty Lake	St. Francis				T.			T.	T.			.46									1.50	.82					T.		1.16	.16			4.10
Beaver[2]	White	.15																				.54						.21	.03				0.93
Bee Branch	Arkansas	.17										T.				1.26				1.51									2.79	.22			5.95
Beech Grove[2]	White					.16	.04		.05				.03									1.01					T.		.25	1.00	.16		2.70
Beedeville[2]	White																																....
Benton[2]	Saline	.03						.64	.09	1.13											2.88	2.60							.06	1.43	.05		8.91
Bentonville[2]	Arkansas	.08																												2.26			2.34
Bethesda[2]	White	.07																			.12	.06					1.46			1.82	.33		3.86
Big Flat[2]	White																				1.64	.04					.50	.01	.10	1.90			4.19
Big Lake Outlet[2]	St. Francis	.62	.01				.01		.12	T.			.37									.06	.63							T.	.36		2.18
Black Rock[2]	White	.44																			1.35	1.34								.40	.48	.02	4.03
Bluff City	Ouachita																																....
Blytheville[2]	St Francis	1.24				T.				.38		.56										.60									.25	.19	3.22
Booneville 3 mi. w.	Arkansas	.01										.33								.38		.10							.06	1.35	.09		2.32
Booneville[2]	Arkansas		1.56																			1.04	.01							1.31		.08	4.00
Boughton[2]	Ouachita									.50				1.05																.95	1.15	.37	4.02
Bradford[2]	White	.54				.07				.07			.52								T.	.74	.02							1.64	1.06	.24	4.90
Brinkley[3]	White				.04		T.	T.	T.			.05							T.	.44	1.94	.01					T.		.48	.18			3.14
Burdette	Mississippi	.28		.30								.53										.18								.10			1.39
Calico Rock[2]	White																				.61	.22					1.11		1.75				3.69
Camden[2]	Ouachita	.04						.17		.48			.02	.06							.40	1.04	.41						.04	.86	.46	.22	4.20
Camp Chaffee[2]	Arkansas	.07											.01								.02	.45							T.	.08	T.		0.63
Camp Robinson[1]	Arkansas	.10																		.35	.70	.05							.25	.97	.01		2.43
Carlisle[2]	Arkansas	1.00										.61	.63			.17					.38									.72			3.51
Clarendon[2]	White	.17			.17								.81									.94								2.48	1.23		5.80
Cold Springs[2]	Ouachita		.05							.05	.20			1.58							.53								.08	1.53			4.02
Conway	Arkansas	.22										T.					T.			.19		.14							.26		.73	.04	1.58
Corning[2]	White	.46								.60												1.53									.55	.08	3.22
Cotter[2]	White	.22																				2.53					.27		.18	2.37	.13		5.70
Crossett	Ouachita			.03				3.94	.70	.55										2.80		.42								.51	.35	.21	9.21
Crystal Valley[2]	Arkansas																																....
Cummins Farm	Arkansas	.85			T.			.75	1.50			T.					.30				1.04	T.							1.60	.50	.55		7.09
Danville[2]	Arkansas	.72	.09										T.								.36								2.26	2.29			5.72
Dardanelle[2]	Arkansas	1.00	.45							T.	.02		.16								.03			.15					.05	3.16			5.02
De Queen	Red	.18											.18							.40		T.											0.76
Dermott[2]	Mississippi					.51		.32	.78	1.41				.10				.19				1.20	.47							1.00	.63	1.00	7.61
Des Arc[2]	White					.14				.01			.15								.91	2.09	.45							3.12	.37	T.	7.24
Devils Knob	Arkansas																																....
Dumas	Mississippi	.28			1.30			1.75									.90		.50	.20		1.27							.76	.48			7.44
Eagle Gap[2]	Arkansas	1.61	.04							.41											.77	1.49					.50		.56	T.		T.	5.38
El Dorado	Ouachita					.22		1.19												.20		1.00								1.09	.15		3.85
Eleven Point[2]	White					T.				.12											.34	1.14					.15		.10	1.71	.29	T.	3.85
England	Arkansas																																....
Eureka Springs	White	.03																			.12												0.15
Evening Shade[2]	White					T.				T.											.03	.76					.01	T.	.85	.45	T.		2.10
Fayetteville	White	.02										.41									1.13								T.	3.10			4.66
Fayetteville Exp. S	White	.01										.04									.34								T.	2.89			3.28
Fordyce	Arkansas	.24		T.			.16	.75	.11	.05		.03	.02							.03		.64							.05	1.24	.24		3.56
Forester[2]	Arkansas										.31			.94							.20	1.03							.10	1.76	.01		4.35
Fort Smith[1]	Arkansas	T.										.11								.05	.24	.07							.01	.05			0.53
Fort Smith W.[2]	Arkansas												.77								1.25									1.61			3.63
Fulton[2]	Red	T.						.02		.66				T.							.15	.10	.21							.65		.14	1.93
Garland[2]	Red					.03				.54											.38		.38							.91		.66	2.90
Georgetown[2]	White												.25								.42	2.94								2.80	.86		7.27
Gilbert[2]	White	.15																		.15	.50						1.10			1.00			2.90
Glenwood[2]	Ouachita	.28									.54		.17	.56							.34	.10							.03	1.48	.58	.06	4.14
Grannis[2]	Red	.27	T.						T.				.35								1.64	.23	.02			T.		T.	.09			.13	2.73
Gravelly[2]	Arkansas	.37								T.			T.								1.29	1.20							T.	1.25			4.11
Gravette	Arkansas	.09																											.05				0.14
Green Forest	White	.22								.32							.10											1.68					2.32
Green Mountain	White																			.35	.15						.55		2.35	.15			3.45
Greenwood[2]	Arkansas													.23								.51						.10	.13				0.97
Harrison	White															T.					1.96	.03	.15				.36	T.	5.55	.60			8.65
Helena[2]	Mississippi	.08			.15	.10		.40	.68		.45		.11										.17							.22	.30		2.66
Henderson[2]	White																					.74					.50		*	3.05			4.29
Hope[2]	Red							T.	1.03	.86			T.	2.78							.15	T.	2.61						T.	.96	T.	.10	8.49
Hot Springs	Ouachita	.02						T.	.41			.25	.31							.32	T.	.20						.60	.26	2.76	.10		5.23
Huttig[2]	Ouachita					.14	.18	1.05	.39	.02							.24			.81	1.96	.36	.04							.52	.18	.40	6.29
Index[2]	Red									1.50				.25									1.50									.05	3.30

Daily Precipitation for July, 1946 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jessieville	Ouachita																																......
Jonesboro[2]	White	.72				.02	.23			.11			.45								T.	1.14	.56							.33			3.56
Lake City[2]	St. Francis		T.			.10							.15										.18							T.			0.43
Lead Hill	White																			.12	.94						.48		.98	1.30			3.82
Little Rock[1]	Arkansas	.70				T.	.35		T.			T.									.30	T.						T.	.25	.96	T.		2.56
Lock & Dam No. 3[2]	White	.09																.27			.27	.11					.02	.88	.11	1.46	.18	.09	3.48
Lurton[2]	White	.97															.04				.84	.20						.10		3.55			5.70
Lutherville	Arkansas	.11								.35		.06								1.20						.20			.70	2.50			5.12
Madison[2]	St. Francis									.10			.15						T.			.30		T.						.31	.28		1.14
Magnolia	Red							.52						T.						.12		2.28								1.56	.20		4.68
Mammoth Spg[2]	White																				.07	1.18							.45	.38			2.08
Marianna[2]	St. Francis						T.	.03	2.70				.33										.70							.33			4.09
Marked Tree[2]	St. Francis	.92							.03	.32									.09	.05		.28	.07							.17			1.93
Marshall[2]	White																																....
Marvell[2]	White	.30		.18									.85																	.62			1.95
Melbourne[2]	White	T.																			.74								*	2.74			3.48
Mena[2]	Ouachita	1.48	.03							T.			.49		T.						.36	.55	T.				.23		.01	.19	T.	T.	3.34
Monticello[1]	Ouachita	.07	.02		.01			.03	1.52			.06	.46			.58	T.			1.10	.41	2.50					.03	T.	T.	.52	.18		7.49
Morobay[2]	Ouachita					1.19	.45	.07	.09	.08					.24						.35		.46							1.80	.27	.24	5.24
Morrilton[2]	Arkansas	.71									T.							T.			T.	.20		.10						2.20	.17		3.38
Mountainburg	Arkansas					T.						.48								.07	1.06						T.		T.	1.79			3.40
Mountain Home	White																				2.60						1.20		2.40	.10			6.30
Mountain View[2]	White																				2.27			1.75							.50		4.52
Mount Ida	Ouachita	.34	.07						.58	.15		.07								.23	2.06	.66								1.94	.05		6.15
Mulberry[2]	Arkansas	.46	1.20										.27								.30	.05							.13	2.05	.48	T.	4.94
Nashville	Red	.54	.06						T.			T.	T.							.09		.33								1.68	.14	.03	2.87
Newhope[2]	Ouachita																																....
Newport[2]	White	.50				.07							.01								.08	.20	.05				.23	.05		1.55			2.74
Nimrod Dam[2]	Arkansas	.45											.06				.17				.55	.11							.50	3.27	.05		5.16
Oark[2]	Arkansas	.55																		.45					T.				T.	1.20			2.20
Odell[2]	Arkansas	.53											.55									1.02								.20			2.30
Oden	Ouachita	.03	.45					T.				T.								.10	.55					T.		.55	.10	1.49	.08		3.35
Okay	Red	.06												.05						.77		1.01							T.	.52	.03		2.44
Osceola[2]	Mississippi	.12								1.12																			T.	.38	T.		1.62
Ozark[2]	Arkansas	.31	.78										.57									.67							.05	1.70			4.08
Paragould	St. Francis				.01	.14	.01														2.32	2.40				T.			.32	.50			5.70
Parkin[2]	St. Francis	.34								.18			.32								.15	.34	T.							.83	1.17		3.33
Perryville[2]	Arkansas	.37	.15							.18											.13		.19							2.00		.10	3.12
Pine Bluff[2]	Arkansas	.38			T.	.07		T.		.04							.22													.70	.11		1.52
Pine Ridge[2]	Ouachita	3.06	.12	.04									.05								.22	.73							.12	1.19			5.53
Pocahontas	White	.12				.07			.18	.30										1.24		.36				.12			.34	.24	.72		3.69
Portland[2]	Ouachita					.20		.50	2.75								1.28				.40		.96			T.				.30	.36	.28	7.03
Prescott[2]	Ouachita	.40	T.							.45			.10	1.00							T.	T.					T.		T.	.78	1.25	.22	4.20
Ratcliff[2]	Arkansas																																....
Red Star	White									.73											.05					.05				.26			1.09
Rogers	White																				T.									4.04			4.04
Rosebud	Arkansas																																....
Russellville	Arkansas	.03										.08								T.									.65	2.81			3.57
St. Charles[2]	White	.39							.09																					1.00	.37		1.85
St. Francis[2]	St. Francis	.76						.02				.05										.81									.55		2.19
Searcy[2]	White							.10	.04												.21	1.14								1.24	.82		3.55
Sheridan	Ouachita		.65	.04			.13		.73							.02				.32		1.17						T.	.46	1.27	.05		4.84
Shirley[2]	White					.04											.40			1.82	T.						T.			.87	.13		3.26
Siloam Springs	White						.06																					T.					0.06
Sparkman	Ouachita																																....
Stamps	Red			.53	.03			.01	.02	.70				.28	.09					T.		.67					T.		T.	.99	.08	T.	3.40
Stephens[2]	Ouachita																																....
Steve[2]	Arkansas																					.84								2.60			3.44
Story[2]	Ouachita	.19											1.16								.88	.19								1.80		.18	4.40
Stuttgart[2]	Arkansas	.47				.08				.07			.93																	2.00	.67	.15	4.37
Stuttgart Evap[2]	Arkansas	.14	.08			.14		.04		.18	T.		.11						.11				.02							3.39	.64	.13	4.98
Subiaco[2]	Arkansas	.75									.19	T.					.06				.55	.27								1.34		.10	3.26
Sugar Grove[2]	Arkansas	.77																			.90	.40							.10	1.63			3.80
Sugar Loaf Mt[2]	White	.50																			.06						.17	.04		1.89	.39		3.05
Texarkana[3]	Red	T.					.03		.80				.76	.03						.13		1.17							T.	T.	.06	T.	2.98
Tichnor[2]	White	.73																											.32	2.23	.13		3.41
Turnpike	Arkansas	.10																		.10	.26								1.37	2.20			4.03
Viola[2]	White																				.20	1.10						.20	3.70	T.			5.20
Waldron[2]	Arkansas	.80								1.25											.61						.12			1.00		.40	4.18
Walnut Grove	White					.22															1.49	.42					T.		.99	.12			3.24
Warren	Ouachita				.28	.06	.05	.75	.04			.03		.47		T.				.37	T.	.37					T.		T.	.50	.46		3.38
Whitecliffs[2]	Red	.27											.10								T.	.30	.35							.10		.10	1.22
White Rock	Arkansas		.12									1.56																	.10	2.54			4.32
Wilson[2]	Mississippi	1.00								.15			.55							.82										T.			2.52
Wynne	St. Francis																																....
																																	......

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for July, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.214	.277	.295	.254	.325	.164	.130	.222	.274	.284	.344	.352	.278	.286	.327	.274	.189	.352	.419	.147	.200	.328	.340	.360	.377	.550	.121	.217	.230	.208	.200	8.538
	Mean tem.	76	76	72	78	74	80	80	81	80	82	83	82	78	80	84	82	86	86	84	85	81	78	83	85	84	78	76	72	75	77	78	79.9
	Wind move	42	42	43	45	40	29	17	18	31	31	35	46	22	22	22	26	18	30	29	23	14	49	28	35	35	61	19	30	49	57	34	1,022
Hope Exp. Farm	Evap.	.276	....	....	....	....	.213	.227	.287	.292	.274	.293	.254	....	.209	.259	.247	.248	.279	.289	.171	.227	....	.228	.285	.257	.253	.238	.221	.215	.100	.159	7.441
	Mean tem.	78	80	75	78	80	82	82	81	80	83	82	82	80	84	84	84	86	85	82	80	79	81	82	84	83	83	84	83	76	76	78	81.2
	Wind move	34	22	32	35	25	27	28	42	28	34	33	30	29	18	24	14	20	23	21	21	18	19	18	22	24	8	19	14	28	13	39	762
Nimrod Dam	Evap.	.069	.279	.118	.232	.256	.250	.302	.282	.252	.244	.200	.240	.250	.278	.208	.070	.314	.312	.398	.012	.232	.264	.308	.360	.344	.304	.250	.192	....	.162	.136	7.355
	Mean tem.	80	80	75	76	77	80	82	84	82	84	86	84	82	84	86	86	86	87	86	86	82	85	87	84	85	82	85	74	77	74	80	82.0
	Wind move	6	10	15	5	15	10	2	6	22	19	23	23	9	13	18	8	17	22	28	27	19	4	44	39	23	18	25	5	30	8	9	522
Russellville	Evap.	.090	.222	.236	.266	.180	.262	*	.476	.344	.232	.286	.156	.268	....	.268	.250	.288	.352	.230	.140	.352	.258	.284	.240	.310	.202	.232	*	.336	.296	.154	7.450
	Mean tem.	80	80	75	77	80	80	83	84	83	84	85	82	81	84	84	86	84	86	87	82	82	80	81	84	86	81	82	79	78	79	78	81.8
	Wind move	10	8	9	7	6	19	*	10	8	6	10	6	11	9	9	6	6	9	10	10	18	10	15	9	10	11	15	*	32	11	10	310
Stuttgart Rice Exp. Farm	Evap.	.263	.222	.282	.273	.067	.135	.014	.253	.166	.214	.240	.219	.185	.230	.235	.204	.209	.171	.118	.217	.122	.247	.232	.262	.217	.225	.159	.226	.111	.084	.130	5.933
	Mean Tem	81	79	77	78	80	81	79	79	80	83	84	82	80	83	84	84	85	84	82	82	80	80	83	84	81	82	82	76	77	76	78	81.0
	Wind move	40	10	35	5	10	50	10	15	55	30	30	30	20	10	15	35	10	30	5	25	30	20	5	15	25	10	25	5	10	10	10	635

Daily Temperatures for July 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	90	87	87	90	88	91	93	92	94	94	94	92	91	95	93	97	97	98	92	93	92	92	98	99	97	98	91	81	86	86	88	92.1
	Minimum	71	71	67	66	69	68	68	71	66	68	73	68	69	68	71	73	70	70	69	68	68	64	67	72	70	69	68	68	68	66	65	68.3
Arkadelphia /	Maximum	90	90	90	93	93	93	96	97	95	96	98	95	92	96	98	98	98	100	94	93	89	96	99	99	99	96	97	85	88	85	90	97.1
	Minimum	68	70	65	67	69	70	71	69	67	70	72	71	71	70	74	73	72	72	74	68	70	65	67	67	70	71	72	75	67	69	68	72.7
Ashdown /	Maximum	84	91	90	92	92	94	97	95	93	93	97	96	94	95	96	96	96	97	95	93	81	93	94	97	96	95	96	94	89	89	90	93.2
	Minimum	68	67	61	64	69	69	69	71	69	72	71	72	71	70	73	71	72	70	72	67	71	65	67	68	69	69	71	76	68	69	68	69.3
Batesville Air	Maximum	90	85	86	89	89	89	91	97	97	97	98	93	95	97	89	99	102	103	102	92	89	94	98	99	99	87	85	76	85	85	90	92.5
	Minimum	66	69	66	64	67	69	68	71	71	72	74	73	63	62	70	70	73	72	72	70	71	64	68	72	72	69	69	63	63	68	65	68.6
Batesville, Livestk /	Maximum	90	86	88	92	90	91	94	99	97	98	100	95	94	97	100	98	101	103	100	95	93	97	101	103	103	92	89	79	87	87	92	94.5
	Minimum	65	68	62	65	58	60	66	69	68	70	73	69	60	60	61	68	70	68	74	67	70	60	65	83	67	69	71	65	62	66	62	66.5
Bee Branch	Maximum	89	85	86	90	90	91	91	94	92	95	95	92	91	93	95	95	95	97	95	89	88	93	94	97	98	85	92	82	85	88	88	91.3
	Minimum	67	68	60	62	66	67	66	68	66	67	70	70	63	62	68	70	70	69	68	67	69	62	64	66	67	69	65	64	68	66	63	66.4
Benton /	Maximum	92	90	89	91	90	89	91	93	92	92	96	92	91	92	93	95	96	97	95	90	89	95	96	96	95	90	94	80	87	87	88	91.7
	Minimum	64	67	61	60	65	66	67	66	65	66	68	67	66	64	69	71	69	67	73	65	69	62	63	65	65	68	65	67	68	67	63	66.1
Bentonville /	Maximum	86	85	83	86	89	90	94	96	95	96	93	91	90	94	98	96	96	99	100	92	92	97	99	101	101	98	95	90	88	81	92	93.0
	Minimum	61	59	55	56	65	65	65	69	70	68	70	62	64	66	69	71	70	70	69	68	60	63	63	66	68	70	69	74	66	66	64	65.8
Bethesda /	Maximum	89	85	88	90	90	94	98	97	96	96	97	93	95	98	99	95	101	102	92	100	91	96	100	102	101	87	85	77	87	86	91	93.5
	Minimum	63	66	57	65	57	65	63	65	65	67	69	72	61	62	68	69	71	70	76	70	71	61	66	68	68	68	68	68	63	68	64	66.3
Bluff City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blytheville	Maximum	89	84	82	85	83	90	92	92	94	94	97	89	87	90	92	93	94	96	93	92	84	90	94	89	96	96	94	....	95	84	89	90.7
	Minimum	69	68	67	66	72	71	73	75	71	73	73	72	62	65	68	73	74	78	72	73	72	68	68	72	72	72	76	....	66	68	68	70.5
Booneville	Maximum	92	88	88	89	90	92	97	103	98	100	100	93	93	99	100	101	103	103	103	92	91	100	101	102	102	98	102	92	88	86	90	96.0
	Minimum	67	68	57	60	68	67	67	71	70	69	72	71	73	74	74	74	71	70	71	70	70	62	64	66	70	69	75	75	68	70	67	69.0
Brinkley	Maximum	94	87	86	90	89	89	91	94	95	97	102	92	91	94	96	97	99	99	95	92	87	94	97	97	97	91	91	76	85	85	90	92.2
	Minimum	68	70	68	65	70	70	72	71	68	72	72	68	62	61	67	68	70	73	71	69	67	64	66	68	66	73	67	67	68	67	65	68.2
Camden	Maximum	86	93	90	94	93	93	75	92	92	94	99	97	93	96	97	98	99	100	96	94	90	95	99	100	99	97	100	82	86	85	93	93.5
	Minimum	69	69	62	64	73	69	72	69	67	70	73	72	71	71	72	74	72	72	72	68	65	67	67	70	70	71	72	75	67	67	68	69.4
Camp Robinson	Maximum	91	88	87	89	89	82	93	94	86	95	95	91	91	94	95	97	99	98	97	93	89	93	98	96	96	88	91	79	86	87	89	91.5
	Minimum	70	71	66	66	70	73	70	68	67	73	77	74	69	67	73	73	72	72	72	69	71	66	68	70	69	72	71	68	70	69	67	70.1
Conway	Maximum	92	87	88	91	91	91	95	96	96	97	98	94	94	96	97	99	100	102	99	96	91	97	101	101	99	92	94	83	89	89	92	94.4
	Minimum	68	70	63	63	68	72	70	71	68	70	72	73	68	67	72	73	73	72	73	69	72	63	68	73	70	70	67	67	70	68	64	69.2
Corning	Maximum	91	86	84	90	87	90	92	97	97	98	96	92	90	94	97	98	97	103	98	97	89	94	97	99	99	89	85	81	89	90	94	92.9
	Minimum	68	67	64	63	68	72	71	71	71	78	72	71	64	51	65	70	76	74	74	70	72	67	67	71	72	70	65	65	67	68	67	68.7
Crossett	Maximum	93	90	86	87	85	82	80	92	95	95	95	93	90	93	95	96	94	95	84	90	87	90	94	92	95	95	95	94	83	80	82	90.2
	Minimum	75	70	64	66	71	71	70	70	69	70	71	72	71	69	72	70	72	73	71	69	71	67	67	66	70	71	70	74	70	68	70	70.0
Cummins Farm	Maximum	90	89	89	90	95	88	88	88	92	93	93	93	91	92	93	95	97	94	90	90	86	90	96	94	95	93	95	88	83	81	86	90.9
	Minimum	71	72	68	69	71	69	74	69	69	73	74	71	73	72	71	71	74	74	74	75	72	71	69	70	69	72	72	70	71	69	70	71.3
Dardanelle	Maximum	93	88	90	91	93	96	100	97	96	100	99	94	95	98	97	100	101	102	103	96	94	98	100	102	103	92	98	96	88	90	91	96.2
	Minimum	71	71	62	63	69	70	72	72	72	73	74	72	71	70	75	75	75	74	78	71	72	63	67	68	73	71	70	73	69	71	67	70.8
De Queen	Maximum	85	89	87	97	91	93	93	93	93	93	95	94	90	94	94	94	96	96	94	90	85	93	96	97	97	95	97	94	94	90	89	92.8
	Minimum	69	70	63	65	68	69	70	72	70	71	70	71	70	72	72	71	71	70	70	69	71	66	66	68	69	69	78	77	70	70	62	69.6
Des Arc	Maximum	90	85	85	89	88	89	91	94	94	95	98	90	91	92	94	95	97	90	94	91	87	91	95	95	95	89	90	81	85	85	85	90.6
	Minimum	69	69	67	64	68	73	71	71	68	72	74	71	66	65	71	73	74	75	72	69	68	66	69	71	70	72	69	65	69	69	65	69.9
Devils Knob	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dumas	Maximum	91	90	90	91	90	91	83	90	94	96	96	93	92	94	93	95	97	96	90	88	88	92	95	93	96	95	95	92	82	82	89	91.6
	Minimum	71	70	67	68	71	72	74	72	69	73	74	72	73	76	73	71	75	74	73	72	72	66	69	70	70	73	71	70	65	69	70	71.1
El Dorado	Maximum	83	85	88	87	84	83	82	93	95	94	98	92	85	95	94	98	99	96	86	92	83	91	94	90	96	95	97	87	81	76	85	89.8
	Minimum	72	71	63	65	69	70	72	72	73	73	73	74	71	74	72	74	75	73	75	71	78	63	71	74	72	74	76	74	62	70	70	71.5
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	83	83	83	85	88	89	91	95	93	94	90	90	91	94	95	95	98	98	100	87	92	96	98	100	101	100	95	90	88	89	94	92.4
	Minimum	63	65	56	58	65	66	67	72	74	73	73	65	65	69	72	73	75	76	75	70	62	66	72	74	75	70	71	70	67	66	65	68.7
Fayetteville	Maximum	88	86	86	88	88	91	92	94	94	94	92	91	92	95	97	93	96	97	97	87	90	93	95	98	98	96	96	90	87	87	90	92.2
	Minimum	63	67	57	57	64	63	65	71	73	73	72	66	70	72	72	74	74	73	71	70	64	63	69	67	69	71	74	76	65	67	64	68.3
Fayetteville Exp. S	Maximum	88	83	83	87	90	90	93	95	94	93	92	92	92	95	98	92	95	97	99	86	88	95	96	99	99	95	95	91	85	85	90	92.0
	Minimum	61	64	54	55	63	61	62	69	71	70	68	63	65	66	68	75	69	70	68	66	61	61	65	64	67	68	69	72	63	65	62	65.3
Fordyce	Maximum	91	92	91	92	90	91	90	94	93	95	97	94	92	95	97	98	99	99	94	95	91	94	98	98	98	97	99	86	88	83	90	93.6
	Minimum	69	71	66	66	70	70	72	70	68	73	73	73	74	72	75	74	75	75	74	71	71	72	70	74	71	73	72	77	70	69	70	71.6
Fort Smith	Maximum	90	88	87	90	92	94	96	97	95	97	98	94	93	96	98	99	100	101	98	92	91	95	97	100	101	97	102	95	89	89	92	94.9
	Minimum	69	69	62	63	70	69	69	74	72	72	73	71	73	72	75	75	73	72	72	71	71	64	66	69	70	72	72	75	70	70	67	70.4
Gilbert /	Maximum	89	85	87	91	92	93	96	99	95	98	99	95	96	96	100	100	102	105	104	97	93	95	101	101	104	90	85	81	88	89	96	94.9
	Minimum	62	63	58	56	62	65	67	75	66	65	66	68	62	60	67	67	68	70	68	68	65	60	63	62	65	65	65	68	64	67	65	64.9
Grannis /	Maximum	84	86	88	90	91	91	95	95	93	98	98	95	91	95	96	96	97	97	97	92	87	92	96	97	98	94	92	94	89	87	89	92.9
	Minimum	69	61	62	65	65	69	69	67	67	78	76	76	69	70	69	68	67	69	67	68	66	68	65	67	67	70	74	67	68	65	66	68.2
Gravette	Maximum	87	85	84	86	88	91	93	94	93	94	95	91	94	97	97	95	96	98	100	92	94	98	99	101	102	97	97	93	92	89	95	93.8
	Minimum	61	65	53	60	66	65	64	69	72	70	69	62	66	68	70	72	72	71	67	66	60	59	65	65	64	70	71	72	67	66	63	66.1
Green Mountain	Maximum	86	82	83	87	89	89	90	92	94	95	96	95	96	98	100	100	98	99	96	90	90	93	99	99	100	87	87	80	84	89	90	92.0
	Minimum	63	66	62	61	62	65	67	68	68	70	70	69	70	70	74	70	72	73	75	67	68	69	70	74	73	72	67	60	63	60	70	68.0
Harrison	Maximum	85	82	84	86	88	88	92	95	93	94	92	90	91	94	96	95	98	98	99	86	89	92	96	96	97	89	80	80	82	83	87	90.2
	Minimum	63	67	56	58	65	64	67	73	74	72	72	68	63	64	70	71	70	70	70	70	64	63	69	69	73	66	75	67	65	68	64	67.4
Helena	Maximum	89	86	84	84	84	87	82	85	90	91	92	89	88	90	93	93	95	93	90	91	87	88	93	91	93	90	89	84	80	82	88	88.4
	Minimum	68	72	70	69	71	70	72	72	69	74	74	71	69	65	69	72	74	76	71	71	70	64	65	71	70	74	71	69	70	70	68	70.4
Hope /	Maximum	85	90	88	92	91	95	95	93	92	93	92	93	90	95	95	95	97	97	91	93	86	93	94	97	96	95	97	90	83	84	87	92.1
	Minimum	70	69	62	65	69	69	68	69	69	73	73	72	70	72	74	74	74	73	74	68	72	69	69	70	70	71	72	76	68	69	70	70.4
Hot Springs	Maximum	94	92	94	95	92	96	95	95	95	97	94	93	93	96	95	99	99	102	94	94	91	98	101	100	101	99	95	83	88	88	90	94.8
	Minimum	70	70	63	66	69	70	71	71	69	74	73	71	71	71	75	74	76	75	71	69	70	69	76	73	74	72	69	73	69	68	67	70.9
Jonesboro	Maximum	89	86	86	86	81	89	90	92	94	95	96	90	90	91	95	96	98	99	96	94	86	91	96	96	97	87	84	81	87	87	92	90.9
	Minimum	68	69	68	66	69	71	71	70	71	74	72	71	66	65	66	71	73	74	72	69	70	68	67	73	71	71	68	65	69	68	66	69.4
Lead Hill	Maximum	90	85	87	92	93	94	99	102	102	101	98	98	97	99	101	103	104	105	106	90	94	96	103	103	102	94	86	82	88	90	93	96.0
	Minimum	64	65	53	60	55	61	66	68	68	68	68	65	68	60	70	69	72	70	69	71	63	61	63	65	68	66	70	66	66	66	64	65.4
Little Rock	Maximum	91	85	86	88	88	89	90	92	93	94	94	90	91	94	93	96	96	97	94	93	87	93	97	96	96	85	90	81	84	85	87	90.8
	Minimum	71	72	69	69	72	73	73	70	69	75	76	76	72	71	75	76	76	76	73	71	73	69	70	74	71	75	72	70	71	70	68	72.2
Lutherville	Maximum	89	84	85	88	88	90	92	93	93	93	94	89	92	93	94	95	97	100	96	89	90	92	94	98	98	90	92	83	87	89	92	91.6
	Minimum	67	71	63	64	65	66	67	70	69	69	73	73	69	68	74	73	73	72	72	68	70	64	66	68	71	70	68	67	66	68	65	68.7
Magnolia	Maximum	92	90	87	89	89	94	91	93	94	94	98	97	90	95	96	98	98	98	91	92	85	92	95	98	97	95	98	92	85	85	87	92.7
	Minimum	71	69	63	67	71	69	70	71	71	71	71	71	70	73	73	72	72	73	71	67	70	68	68	71	69	72	74	76	68	70	70	70.4
Mammoth Spring	Maximum	88	87	86	89	89	91	94	97	95	97	92	94	93	95	97	99	101	103	99	97	90	92	96	100	100	92	89	78	87	95	93	93.4
	Minimum	64	66	56	60	64	66	66	63	69	69	60	59	61	59	63	67	70	69	72	70	69	61	64	68	68	71	65	64	59	64	73	65.3
Marianna /	Maximum	91	85	86	86	88	89	90	88	92	94	94	87	86	89	90	95	97	93	90	92	86	90	95	93	94	88	90	78	85	82	88	89.4
	Minimum	69	70	67	68	71	68	72	72	69	73	74	72	66	64	67	62	70	75	68	70	72	64	65	69	68	72	69	67	67	70	67	68.9
Marked Tree /	Maximum	91	85	86	88	83	92	89	93	95	95	98	92	90	93	96	97	98	100	94	93	85	92	97	98	98	94	88	80	84	90	93	91.8
	Minimum	69	70	67	66	69	71	71	72	69	71	72	73	66	65	67	71	73	76	72	71	70	66	66	70	69	73	63	66	66	67	66	69.3
Marshall /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Mena	Maximum	89	86	86	88	90	92	95	95	92	94	97	96	92	97	96	95	99	99	97	92	87	94	98	98	96	93	93	95	87	87	89	93.2
	Minimum	64	68	57	61	67	67	67	72	69	71	72	68	72	69	71	72	70	70	71	66	68	63	67	69	69	67	68	73	66	70	68	68.1
Monticello	Maximum	92	91	89	90	88	88	80	91	92	93	94	92	90	90	93	93	94	94	82	87	84	91	93	91	93	94	94	91	84	82	88	89.9
	Minimum	73	71	66	68	69	72	72	71	70	73	73	71	74	72	73	72	75	74	72	70	70	67	69	71	71	73	74	72	71	68	71	71.2
Morrilton /	Maximum	92	85	87	89	93	90	95	93	96	97	97	93	95	95	97	100	100	101	99	97	92	96	100	101	99	88	93	81	88	88	90	93.8
	Minimum	67	72	64	65	69	71	71	73	72	71	76	74	69	68	71	75	74	72	76	71	72	65	69	70	71	72	68	73	66	69	67	70.4
Mountain Home	Maximum	87	88	86	89	90	90	94	95	96	95	93	92	93	95	97	98	99	100	101	88	90	93	98	98	98	89	85	77	85	87	90	92.1
	Minimum	66	66	57	60	66	66	68	69	70	69	70	70	62	62	68	68	71	70	71	69	65	62	64	66	69	68	71	64	69	68	65	66.7
Mt. Ida	Maximum	91	87	87	90	88	94	98	97	92	95	96	95	91	95	97	98	99	101	98	94	88	94	97	98	97	93	91	87	85	85	87	93.1
	Minimum	65	60	57	58	64	65	63	69	68	67	69	68	70	67	69	67	68	66	70	68	70	70	68	65	66	66	68	69	67	69	63	66.4
Nashville	Maximum	87	90	89	93	91	96	98	96	95	96	100	97	90	97	98	98	99	100	97	94	85	96	99	100	100	96	99	91	87	86	89	94.5
	Minimum	69	70	62	65	70	69	67	70	70	70	70	73	73	70	72	71	71	70	73	69	72	67	68	69	70	69	74	77	67	70	70	69.6

Daily Temperatures for July, 1946 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	94	88	88	92	91	94	95	99	100	100	101	96	95	97	99	100	101	102	97	98	91	96	101	101	101	92	87	79	89	91	94	95.1
	Minimum	70	72	70	66	71	72	72	73	70	75	75	75	67	65	72	72	74	75	77	72	73	66	70	72	71	72	71	70	71	71	68	71.3
Nimrod Dam/	Maximum	92	92	90	91	92	94	97	97	96	99	99	96	95	98	99	99	100	104	98	94	92	96	106	101	101	95	98	85	86	88	94	95.6
	Minimum	67	68	60	61	62	67	68	72	69	70	72	72	68	69	73	72	71	70	75	77	72	64	68	68	69	68	62	62	68	69	66	68.4
Oden	Maximum	84	85	82	85	85	86	89	87	85	95	96	96	95	100	100	101	103	102	99	95	94	99	103	104	103	98	101	93	91	92	90	94.1
	Minimum	69	61	57	58	63	63	63	65	65	64	76	75	76	74	77	74	74	73	75	73	71	67	70	72	72	72	73	78	75	74	71	70.0
Okay	Maximum	90	92	90	92	92	96	97	95	97	98	97	98	98	93	96	97	97	98	97	95	95	94	95	98	96	96	96	97	86	87	89	94.6
	Minimum	68	67	61	63	68	68	68	70	69	70	69	73	70	73	74	73	73	72	72	68	72	66	68	69	70	70	71	73	67	67	69	69.4
Ozark	Maximum	91	86	88	90	91	92	93	95	95	95	96	92	92	95	98	97	94	98	100	89	94	95	97	100	101	98	98	98	90	89	90	94.1
	Minimum	67	69	59	61	69	68	70	72	71	71	72	70	70	72	77	75	73	71	73	71	66	65	67	68	71	71	74	72	68	70	67	69.7
Paragould	Maximum	90	85	85	87	83	91	90	92	95	95	96	91	90	92	95	96	96	100	96	96	86	91	95	95	95	86	83	79	....	....	....	91.1
	Minimum	69	68	66	65	69	70	71	71	70	72	71	71	65	61	64	72	72	73	78	69	71	68	68	70	71	71	67	66	....	....	....	69.2
Perryville	Maximum	93	93	88	90	91	92	95	96	91	97	98	93	93	95	96	99	100	102	98	95	91	102	101	101	99	91	95	83	87	89	90	94.3
	Minimum	66	66	61	62	63	66	67	69	67	66	67	72	66	64	71	71	69	68	72	69	70	65	61	65	66	69	64	67	68	69	63	66.7
Pine Bluff	Maximum	92	92	91	93	89	92	93	94	95	97	96	95	94	97	93	98	100	100	91	95	91	98	101	101	102	97	98	87	87	86	90	94.4
	Minimum	79	73	70	70	73	73	74	72	69	75	76	74	74	71	77	75	77	77	73	72	74	69	72	74	72	76	75	74	72	70	70	73.3
Pocahontas	Maximum	92	88	85	93	90	91	94	99	99	98	97	93	93	95	99	99	101	102	99	93	93	95	100	100	100	92	89	85	89	92	92	94.4
	Minimum	66	67	64	63	67	71	70	70	69	71	71	71	64	62	64	69	73	72	71	69	71	65	66	70	70	69	66	64	68	67	66	67.9
Portland	Maximum	89	90	84	87	83	80	76	87	90	93	93	93	90	91	92	93	95	90	84	88	84	89	93	92	91	92	94	89	84	79	86	88.4
	Minimum	70	73	67	69	72	72	69	70	71	73	75	74	78	72	74	72	75	74	72	72	75	69	70	78	71	74	74	78	74	70	70	72.5
Prescott	Maximum	92	90	89	92	91	96	96	97	94	95	99	96	91	97	97	97	98	99	93	94	89	97	100	100	98	97	101	96	88	87	90	94.7
	Minimum	69	72	68	66	70	71	70	71	69	69	73	71	69	72	70	74	74	73	74	64	68	70	72	74	71	71	73	76	68	69	69	70.6
Rogers	Maximum	87	85	83	87	88	90	93	95	94	94	91	90	93	96	99	94	96	98	99	88	91	97	99	101	100	98	93	89	87	86	90	92.6
	Minimum	60	65	54	54	65	65	65	69	70	68	70	65	65	67	70	71	71	71	68	68	60	63	65	65	66	70	70	74	65	66	65	66.1
Russellville	Maximum	91	88	90	91	91	92	95	95	95	97	97	92	93	95	96	99	99	99	99	93	93	97	100	100	100	91	95	89	88	89	91	94.2
	Minimum	70	71	60	63	68	69	71	74	71	70	73	73	69	72	73	73	70	72	75	70	70	62	62	67	71	71	68	69	68	69	66	69.4
St. Charles/	Maximum	90	89	90	90	87	88	88	89	94	92	98	94	96	95	95	98	98	96	98	94	90	95	100	95	98	95	90	96	87	81	90	92.8
	Minimum	68	69	67	66	68	67	68	68	65	71	68	71	66	68	65	70	72	73	71	73	68	65	66	68	69	72	68	64	68	67	65	68.2
Searcy	Maximum	93	88	88	91	91	92	96	97	99	100	103	94	96	97	100	100	104	105	99	98	90	96	100	100	99	88	91	80	90	89	91	95.0
	Minimum	69	70	70	68	70	70	71	70	68	72	73	72	67	65	72	73	74	75	75	70	71	66	70	71	71	73	69	67	70	69	67	70.3
Sheridan	Maximum	90	87	88	86	89	89	90	94	92	92	93	91	92	94	92	96	97	97	95	93	87	94	96	97	95	90	93	82	85	85	88	91.3
	Minimum	67	65	60	60	61	66	67	66	65	69	70	69	66	65	71	70	70	71	69	65	67	64	65	69	65	67	66	67	67	65	63	66.4
Siloam Springs	Maximum	87	85	84	81	89	91	92	94	92	92	93	94	94	94	95	92	95	95	97	88	91	96	97	99	98	95	97	94	92	89	93	92.4
	Minimum	61	64	54	55	64	64	64	68	69	69	68	70	68	67	67	69	71	68	66	66	59	58	62	62	64	67	71	75	68	66	63	65.4
Stuttgart	Maximum	89	87	86	90	87	90	90	91	94	94	96	92	90	93	93	95	96	93	92	92	87	92	95	96	96	89	94	85	83	83	87	90.9
	Minimum	73	72	68	68	72	72	74	73	68	74	75	71	71	70	76	74	76	77	75	72	72	68	72	74	72	75	73	70	72	70	69	72.2
Stuttgart Evap/	Maximum	89	86	85	89	88	90	90	90	92	95	95	90	90	93	93	95	96	91	91	91	88	92	96	95	91	88	93	80	84	83	87	90.2
	Minimum	73	72	69	68	72	72	78	68	69	71	74	74	70	68	74	73	75	77	74	72	71	67	70	72	71	75	72	72	70	70	69	71.7
Subiaco	Maximum	93	83	87	88	90	92	93	96	90	93	98	91	91	97	98	99	100	99	100	89	90	95	95	100	101	97	98	85	88	85	88	93.2
	Minimum	68	68	61	58	62	65	68	71	71	71	71	71	70	84	74	72	75	73	71	70	81	64	68	69	72	68	70	72	68	68	67	69.7
Texarkana	Maximum	81	88	88	90	91	93	94	92	91	92	95	95	95	94	93	93	95	96	88	91	81	93	94	96	95	95	96	93	88	84	88	91.5
	Minimum	70	70	66	68	71	72	73	71	72	74	74	72	72	75	75	75	75	75	72	70	72	70	71	73	74	74	75	77	71	72	71	72.3
Turnpike	Maximum	89	80	82	83	84	84	88	89	89	89	83	86	83	87	83	82	92	93	85	88	84	90	93	95	81	83	88	88	80	81	82	85.9
	Minimum	65	66	61	62	65	68	69	71	71	70	62	64	66	68	62	61	71	73	69	67	65	70	71	73	73	64	65	63	62	65	64	66.6
Waldron	Maximum	91	87	88	90	91	93	96	97	94	96	98	95	92	98	99	99	100	100	99	91	89	95	98	98	99	96	100	92	88	86	89	94.3
	Minimum	68	66	58	60	66	66	65	71	69	69	71	71	72	72	71	71	70	68	71	68	72	60	63	65	68	68	68	74	66	63	64	67.5
Warren	Maximum	92	92	91	89	86	91	82	90	92	93	95	93	91	93	94	97	98	96	86	88	86	93	96	95	95	95	97	90	86	86	88	91.5
	Minimum	75	75	70	68	68	72	72	72	70	75	76	74	71	74	76	74	76	77	74	71	72	70	69	72	72	74	74	78	71	71	71	72.7
White Rock	Maximum	86	82	83	85	86	88	89	89	90	91	95	86	85	89	81	90	90	92	95	85	86	92	94	96	98	95	93	82	80	83	85	88.4
	Minimum	62	65	64	62	65	67	66	67	69	69	-66	66	64	68	71	70	71	70	68	65	64	65	67	70	71	70	67	67	61	63	65	66.6
Wilson	Maximum	89	87	86	86	85	87	87	93	98	98	98	90	94	92	95	95	98	98	94	94	86	92	92	97	96	90	91	94	85	86	91	91.7
	Minimum	74	68	66	66	64	71	69	70	67	70	72	69	64	64	65	69	72	74	69	70	72	64	64	69	69	70	64	64	66	65	72	68.1
Wynne/	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily River Stages for July, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	11.2	16.1	14.4	13.0	11.1	9.6	8.8	7.7	7.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Van Buren	do	22	11.6	16.7	15.4	13.8	12.0	10.8	9.6	8.8	8.3	7.7	7.3	7.0	6.9	6.7	6.4	6.2	5.6	4.9	5.0	4.9	4.9	4.8	4.7	4.4	4.2	4.6	4.6	4.6	4.6	4.6	4.3
Danville	Petit Jean	20	3.2	3.8	3.8	3.5	3.2	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.7	3.0	2.8	2.8	2.7	2.6	2.6	2.4	3.0	2.9	3.1	3.1	3.0	2.9	2.8	2.9	6.2	6.7	3.6
Ozark	Arkansas	22	7.5	10.6	11.3	9.5	8.0	6.6	5.7	4.7	4.1	3.6	3.1	2.8	2.6	2.5	2.3	2.0	2.0	1.3	1.1	1.1	1.0	0.9	0.8	0.8	0.5	-0.4	-0.6	-0.7	-0.8	-0.7	-0.6
Dardanelle	do.	22	10.1	9.9	13.9	13.1	11.5	9.8	8.5	7.6	6.6	6.9	5.3	4.8	4.5	4.2	4.1	3.8	3.6	3.4	2.8	2.4	2.4	2.3	2.3	2.2	2.0	1.8	1.7	1.9	2.7	2.6	2.2
Morrilton	do.	20	4.8	4.8	7.7	8.6	7.0	5.5	3.8	2.7	1.6	0.8	0.2	-0.2	-0.6	-1.0	-1.0	-1.2	-1.6	-1.6	-2.1	-2.4	-2.6	-2.6	-2.7	-2.8	-2.8	-3.0	-3.1	-3.2	-2.8	-1.4	-2.0
Little Rock	do.	23	6.4	7.1	7.2	9.6	9.3	8.1	6.9	6.0	5.3	4.7	4.2	3.8	3.5	3.2	3.1	2.9	2.8	2.6	2.5	2.3	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.4	1.6	2.7
Pine Bluff	do.	25	6.4	9.0	9.4	11.3	12.5	11.7	10.3	9.0	7.8	7.0	6.8	5.6	5.1	4.7	4.4	4.2	4.1	3.9	3.7	3.5	3.3	2.9	2.7	2.6	2.5	2.5	2.4	2.3	2.1	2.2	2.5
Gilbert	Buffalo	30	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.8	3.7	3.7	3.7	3.7	3.7	3.7	7.4	5.2	4.5
Black Rock	Black	14	5.8	5.8	5.7	5.5	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	4.6	6.0	5.4	4.7	4.4	4.2	4.0	3.9	3.4	3.8	5.4	4.5
Forsyth, Mo.	White	30	3.3	3.4	1.2	1.2	1.1	3.5	1.1	1.0	0.9	1.5	1.1	2.4	1.6	2.8	0.8	0.9	0.9	0.8	0.8	0.8	1.8	0.8	0.8	0.8	0.8	0.9	0.8	1.1	3.2	0.9	0.8
Cotter	do	21	2.7	3.4	3.4	3.5	2.9	2.7	2.7	2.7	2.6	2.4	2.3	2.3	2.3	2.0	2.0	2.0	2.0	1.8	1.7	1.8	1.9	1.7	1.7	1.6	1.7	1.8	2.1	2.2	3.3	4.7	3.4
Calico Rock	do	18	2.2	3.0	3.2	3.7	2.4	3.1	2.6	1.9	2.9	2.6	2.5	2.5	2.4	2.4	1.0	2.4	2.6	2.2	2.3	2.3	2.2	1.0	2.4	2.2	2.2	2.3	2.4	2.0	3.1	3.4	4.3
Batesville	do	23	8.0	7.6	8.3	8.7	8.3	8.1	8.0	7.7	7.5	7.8	7.6	7.4	7.3	7.3	7.2	6.6	7.3	7.3	7.1	7.2	7.2	7.0	6.4	7.1	7.2	7.2	7.2	7.0	8.3	8.9	10.4
Newport	do	26	6.0	5.5	5.3	5.7	6.0	5.2	5.4	5.0	4.8	4.5	4.5	4.3	4.1	3.9	3.7	3.6	3.5	3.7	3.5	3.5	3.8	4.0	4.1	3.5	3.5	3.5	3.3	3.2	4.0	4.4	5.6
Augusta	do.	32	19.1	18.6	17.9	17.8	18 0	18.0	17.5	17.4	17.0	16.5	16.5	16.4	16.2	16.0	15.8	15.5	15.0	15.0	15.2	15.2	15.4	15.5	15.6	15.6	15.3	15.2	15.1	15.0	15.8	15.7	16.4
Sugar Loaf Mt.	Little Red.	..	4.0	4.0	3.9	3.7	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.2	3.1	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.7	2.8	2.7	2.7	3.1	3.1	3.2
Georgetown	White	21	10.0	9.5	8.7	8.2	8.2	8.1	7.8	7.6	7.3	7.0	6.6	6.5	6.4	6.2	5.9	5.7	5.5	5.1	5.1	5.1	5.5	5.6	5.7	5.7	5.5	5.3	5.1	5.0	5.5	5.8	6.1
Des Arc	do	24	13.5	12.6	12.6	11.0	10.8	10.2	10.0	10.0	9.7	9.5	9.1	8.9	8.7	8.5	8.4	8.1	8.0	7.5	7.4	7.4	7.9	8.0	8.1	8.2	8.0	7.8	7.6	7.4	8.2	8.4	8.4
Clarendon	do	26	21.3	20.6	19.7	18.6	17.9	16.9	16.1	15.8	15.1	14.8	14.3	13.9	13.5	13.3	13.1	12.8	12.5	12.3	12.0	11.8	11.8	12.4	12.5	12.5	12.5	12.3	12.1	11.8	12.4	12.8	12.9
St. Charles	do	25	23.6	23.0	22.4	21.5	20.5	19.5	18.2	17.0	16.0	15.3	14.6	14.1	13.7	13.4	13.1	12.8	12.6	12.3	12.0	11.9	11.7	11.9	12.2	12.2	12.2	12.0	12.0	11.9	11.8	12.3	12.5
Glenwood	Caddo	..	4.8	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.9	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.8	4.8	4.7
Arkadelphia	Ouachita	17	3.6	3.8	3.8	3.7	3.6	3.5	3.5	3.7	3.9	4.0	3.9	4.6	4.9	3.8	3.5	3.6	3.7	4.5	4.6	6.3	4.5	3.8	3.7	3.6	5.0	4.1	4.1	3.6	3.5	4.8	4.6
Boughton	Little Mo.	20	4.4	4.4	4.3	4.2	4.2	4.3	4.5	4.4	4.5	4.5	4.4	4.4	4.6	4.6	4.6	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.3	4.6	4.6
Camden	Ouachita	26	5.6	5.2	4.9	4.9	5.0	4.9	4.9	4.8	4.8	5.2	5.6	5.6	5.4	5.6	5.7	5.4	5.0	4.8	5.0	5.2	5.8	6.7	5.5	5.1	5.0	5.1	5.1	5.1	5.2	5.8	5.4
Benton	Saline	20	4.6	4.6	4.5	4.3	4.2	4.1	4.1	4.0	4.2	4.1	4.1	4.1	4.0	3.9	3.8	3.8	3.8	3.7	3.7	4.7	4.8	4.7	4.3	4.2	4.1	4.0	4.0	4.0	4.2	5.1	5.6
Fulton	Red	25	9.3	9.9	9.2	8.6	8.4	9.0	8.9	8.2	7.9	7.4	9.3	10.0	10.3	9.9	9.0	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.2	8.2	8.1	7.8	8.0	8.2	7.7	7.3
Index	do	25	10.0	10.0	8.8	8.5	8.4	9.1	8.7	8.2	8.2	8.2	10.1	10.5	10.5	10.5	9.9	8.7	8.7	8.6	8.6	8.5	8.5	8.6	8.6	8.6	8.6	8.4	8.2	8.2	8.2	7.6	7.6
St. Francis	do	18	8.2	6.8	5.9	6.4	7.4	7.5	7.2	6.8	6.4	6.1	5.8	5.1	4.1	3.7	4.0	5.0	5.7	5.5	5.0	4.0	5.5	6.6	8.8	10.5	10.7	10.5	7.6	5.8	4.4	3.9	5.0
St. Francis L.L.	do	..	20.0	19.9	19.8	19.8	19.7	19.7	19.6	19.5	19.4	19.4	19.2	19.0	19.0	19.0	18.9	18.8	18.6	18.6	18.4	18.2	18.2	18.1	18.0	18.0	18.0	18.1	18.2	18.3	18.3	18.3	18.2
Marked Tree	do	17	6.6	6.6	6.5	6.5	6.2	6.3	6.3	6.3	6.2	5.7	6.3	6.3	6.3	6.2	6.4	6.5	6.5	6.5	6.4	6.3	6.3	6.3	6.2	6.1	6.1	6.1	6.1	6.0	6.1	6.1	6.1
Parkin	do	28	8.5	8.3	7.9	7.6	7.7	7.4	7.2	7.1	7.0	6.6	6.5	6.7	6.8	6.6	6.5	6.5	6.6	6.6	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.2	6.1
Madison	do	32	10.8	10.5	10.1	9.6	9.0	8.1	7.3	6.6	6.3	5.8	5.6	5.7	5.9	6.0	5.9	5.7	5.5	5.3	5.1	5.0	5.0	4.9	4.7	4.7	4.1	4.6	4.5	4.4	4.3	4.3	4.4
Helena	Mississippi	44	27.8	27.5	27.0	25.9	24.8	23.4	22.0	20.9	20.0	19.3	18.9	18.8	18.6	18.6	18.4	18.0	17.6	17.0	16.4	16.0	15.5	15.0	14.5	14.5	15.0	15.9	16.1	15.6	14.8	13.7	12.2
Arkansas City	do	42	25.5	25.4	25.5	25.3	24.8	24.3	23.4	22.2	21.0	19.8	19.0	18.5	18.0	17.7	17.4	17.1	16.8	16.4	16.0	15.5	15.0	14.6	14.1	13.5	13.8	13.8	14.0	14.3	14.0	13.3	12.3

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. *Italics*, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana: Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill: Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner: Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord: White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—10-3-1946—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

VOL. LI LITTLE ROCK, ARK., AUGUST, 1946 No. 8

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

August weather was cool and dry. Precipitation was exceptionally light in many sections of the State, and crops suffered from the depleted soil moisture.

The mean temperature for the State was 1.1° below normal, and was about the same as August, 1945. Considering individual stations, monthly mean temperatures ranged from more than 3° below normal in the northeast to slightly above normal at some northwestern stations. Warmer than normal weather prevailed during the first 18 days, while the remainder of the month was comparatively cool. The highest temperatures of the month were registered on the 9th or 17th and the lowest on the 30th or 31st at the majority of stations.

Rainfall amounted to 53% of normal, considering the State as a whole. Ample precipitation was reported from the northeastern and southwestern sections, but in the Arkansas and White River Valleys many stations measured less than an inch. There was an average of four days with rain during the month. No destructive hailstorm or windstorms occurred.

All crops made fairly good progress during the first half of August, but increasing dryness, particularly in the northwest, retarded growth during the second half of the month. Late corn, cotton, and truck crops were greatly in need of rain at the close of the month. Pastures were in poor condition and affording little feed to livestock. The dry weather reduced the yields of apples and grapes in the northwestern counties. **B. N. W.**

TEMPERATURE

The mean temperature for the State, as determined from the reports of 80 stations, was 79.0°, which is 1.1° below the 56 year average for August. The highest monthly mean temperature was 82.3° at Camp Chaffee and the lowest was 74.2° at Turnpike. The highest temperature recorded was 109° at Booneville on the 17th. The lowest temperature recorded was 43°, and occurred at Lead Hill on the 30th and Wilson on the 31st.

PRECIPITATION

The average precipitation for the State, as determined from the reports of 103 stations, was 1.87 inches, which is 1.68 inches below the 56 year average for August. The largest monthly total was 6.48 inches at Glenwood and the least was none at Carlisle and St. Charles. The greatest amount recorded in a 24 hour period was 4.78 inches at Marked Tree on the 3d.

MISCELLANEOUS PHENOMENA

Dates of

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Thunderstorms: 1, 2, 3, 4, 5, 6, 9, 10, 11, 13, 14, 18, 19, 23, 24, 25, 26.

High Winds: 3, 4, 5, 6, 9, 13, 14, 18, 19, 20, 21, 24.

Heavy Fog: 1, 11, 14, 30.

Hail: None.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.17	30	29.71	6	7.6	35	ne.	3	83	46	42	71	0
Little Rock	30.19	30	29.80	6	7.1	27	n.	3	87	54	55	66	0
Memphis .	30.15	16	29.78	6	7.2	24	nw	3	87	56	61	67	0

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	108	39	2.75	0.0	5	21	8	2
1892	78.3	106	47	4.39	0.0	9	13	11	7
1893	77.3	102	48	3.08	0.0	5	18	9	4
1894	78.1	104	48	4.63	0.0	8	12	11	8
1895	79.4	102	55	2.64	0.0	4	18	9	4
1896	82.6	112	48	2.32	0.0	5	17	9	5
1897	79.6	111	45	2.59	0.0	5	17	10	4
1898	79.4	108	54	4.35	0.0	7	13	13	5
1899	82.2	112	54	2.04	0.0	4	19	9	3
1900	81.1	108	57	2.95	0.0	5	16	12	3
1901	80.5	109	52	2.95	0.0	6	14	13	4
1902	80.7	108	51	2.55	0.0	4	19	9	3
1903	78.7	105	47	4.34	0.0	8	15	12	4
1904	78.1	105	46	2.81	0.0	6	16	12	3
1905	79.1	103	51	3.78	0.0	6	18	10	3
1906	77.9	100	42	4.92	0.0	10	14	10	7
1907	82.0	113	54	2.92	0.0	6	16	10	5
1908	79.3	103	52	4.48	0.0	8	15	10	6
1909	82.4	111	47	1.27	0.0	4	20	8	3
1910	79.2	104	48	3.92	0.0	8	13	12	6
1911	78.0	107	45	3.19	0.0	12	11	11	9
1912	78.7	105	45	3.30	0.0	7	15	10	6
1913	82.1	107	46	1.62	0.0	3	20	10	1
1914	78.5	104	57	6.81	0.0	12	8	11	12
1915	74.7	102	40	10.44	0.0	11	9	9	13
1916	81.8	107	46	2.63	0.0	5	17	9	5
1917	77.1	104	48	4.10	0.0	8	16	7	8
1918	82.6	115	52	3.90	0.0	7	15	9	7
1919	80.6	113	55	4.29	0.0	7	16	8	7
1920	76.8	102	46	4.08	0.0	8	13	9	9
1921	81.5	106	56	5.46	0.0	8	15	9	7
1922	80.4	111	51	1.90	0.0	5	18	8	5
1923	81.9	109	49	2.43	0.0	4	18	8	5
1924	82.2	108	43	2.40	0.9	5	20	8	3
1925	80.3	108	47	1.81	0.0	4	22	7	2
1926	80.7	110	47	5.50	0.0	10	14	10	7
1927	76.6	105	48	6.01	0.0	10	12	10	9
1928	81.3	105	51	4.62	0.0	7	17	5	6
1929	80.8	110	41	1.29	0.0	3	22	7	2
1930	81.8	114	46	2.53	0.0	5	17	10	4
1931	76.7	103	42	4.71	0.0	9	15	9	7
1932	81.5	104	47	1.78	0.0	5	19	10	2
1933	79.1	101	49	4.42	0.0	8	12	11	8
1934	84.8	116	48	2.75	0.0	6	15	11	5
1935	82.0	113	46	1.74	0.0	4	18	9	4
1936	85.0	120	43	0.44	0.0	2	19	10	2
1937	82.3	111	55	3.45	0.0	7	15	10	6
1938	83.2	109	54	2.26	0.0	5	18	9	4
1939	80.2	107	49	2.50	0.0	6	16	11	4
1940	77.7	104	45	4.96	0.0	9	14	10	7
1941	80.7	107	50	3.94	0.0	9	12	13	6
1942	78.8	106	53	5.96	0.0	9	11	12	8
1943	84.6	113	48	1.03	0.0	3	21	8	2
1944	80.0	104	50	4.90	0.0	9	12	11	8
1945	78.9	104	48	3.16	0.0	6	15	10	6
1946	79.0	109	43	1.87	0.0	4	15	10	6
Period	80.1	120	39	3.55	0.0	7	16	10	5

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HIST.

Climatological Data for August, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	9	78.5	......	99	17†	55	27†	4.09	......	2.75	18-19	0	4	13	14	4	w.	L. R. Water Works
Arkadelphia	Clark	200	50	80.2	− 0.7	102	17†	53	31	1.47	−2.18	0.62	3-4	0	6	13	11	7	s.	W. H. Halliburton
Arkansas City	Desha	145	61	....	......	......	......	......	......	1.06	−2.46	0.70	6	0	4	....	....	....	......	John W. Trammell
Ashdown	Little River	329	2	80.1	......	100	18	57	31	4.30	......	2.54	18-19	0	8	13	9	9	s.	Southwestern G. & E.
Batesville Airway	Independence	363	10	78.3	− 1.2	102	9	48	31	0.70	......	0.49	10	0	5	6	16	9	ne.	Airway Observer
Batesville Livestk.	Independence	500	5	77.0	......	100	17	44	31	0.62	......	0.35	3	0	3	15	6	10	sw.	University of Arkansas
Batesville River	Independence	277	46	....	......	......	......	......	......	0.34	−3.77	0.28	10-11	0	3	....	....	....	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	77.2	− 2.8	99	17	48	31	2.03	−1.64	0.75	3	0	4	16	11	4	e.	Minnie Scanlan
Benton	Saline	285	10	76.6	......	97	17†	47	31	1.28	......	0.84	3-4	0	4	25	3	3	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	78.2	+ 1.2	103	9	46	30	0.70	−3.34	0.35	10	0	3	15	10	6	s.	E. L. Brown
Bethesda ***	Independence	500	6	76.8	......	100	17	47	31	0.52	......	0.31	3	0	2	15	7	9	sw.	Soil Cons. Service
Big Lake Outlet ***	Mississippi	239	15	....	......	......	......	......	......	3.84	+1.23	1.79	10	0	7	12	13	6	e.	N. W. Douglas
Black Rock	Lawrence	259	44	....	......	......	......	......	......	1.26	−2.85	0.79	10	0	3	....	....	....	......	J. H. Ragan
Bluff City, 2 mi. s	Nevada	284	5	....	......	......	......	......	......	....	......	....	......	0	....	....	....	....	......	Ark. Forestry Com.
Blytheville	Mississippi	252	20	76.3	− 3.9	98	9	50	31	3.96	+0.05	2.53	10	0	5	19	7	5	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	31	81.9	− 0.6	109	17	55	30†	1.50	−2.13	1.04	25-26	0	4	12	14	5	s.	F. H. Randolph
Boughton ***	Clark	235	10	....	......	......	......	......	......	3.22	......	1.67	4	0	4	....	....	....	......	Katie B. Moore
Brinkley	Monroe	205	54	77.6	− 2.8	98	16†	44	31	3.20	−0.12	1.90	3	0	4	7	10	14	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	41	....	......	......	......	......	......	0.59	−3.76	0.23	9-10	0	7	....	....	....	......	William Jones
Camden	Ouachita	116	60	80.1	− 0.7	102	19	56	30†	1.53	−1.29	1.08	4	0	5	19	8	4	s.	J. M. Knight
Camp Chaffee	Sebastian	419	2	[a]82.3	......	[a]105	9†	[a]55	30	0.79	......	0.34	10	0	7	11	10	10	ne.	U. S. Army
Camp Robinson	Pulaski	463	5	73.8	......	100	9†	50	31	1.26	......	0.66	25	0	5	8	22	1	se.	U. S. Army
Clarendon	Monroe	172	41	....	......	......	......	......	......	0.75	−2.69	0.31	6	0	4	....	....	....	......	B. F. Northern
Conway	Faulkner	309	62	79.8	− 2.1	102	9	50	31	2.36	−0.94	0.81	10	0	5	14	15	2	s.	G. Y. Short
Corning	Clay	293	52	76.4	− 2.2	100	9	46	31	3.90	+0.31	1.35	14	0	7	....	....	....	w.	Mrs. Laura Polk
Cotter	Baxter	440	18	....	......	......	......	......	......	0.42	−3.06	0.21	3	0	3	....	....	....	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	33	79.2	− 2.4	98	7†	51	31	0.66	−2.55	0.28	4	0	5	12	15	4	s.	U. S. Forest Service
Cummins Farm ***	Lincoln	176	2	78.8	......	97	17	52	31	0.57	......	0.57	3-4	0	1	21	8	2	s.	T. C. Cogbill
Danville	Yell	327	29	....	......	......	......	......	......	0.96	−2.24	0.69	3	0	5	....	3	....	......	J. A. Moudy
Dardanelle	Yell	330	59	81.4	+ 0.3	104	10	53	30	1.89	− 1.65	0.77	3	0	4	10	14	7	se.	Geo. N. Goodier
DeQueen	Sevier	426	10	80.3	......	101	18	59	31	2.18	......	0.92	25-26	0	6	14	16	1	......	L. D. McCowan
Des Arc	Prairie	204	7	78.6	......	99	9	48	31	0.39	......	0.37	3	0	2	9	2	20	n.	Z. R. Glenn
Devils Knob ***	Johnson	2350	9	[f]76.0	......	[f]94	9†	[f]51	30	4.14	......	1.15	10	......	6	....	....	....	sw.	U. S. Forest Service
Dumas	Desha	162	40	79.9	− 2.0	98	8†	50	31	1.67	−1.60	1.59	3	0	3	11	14	6	ne.	Ben Johnson
El Dorado	Union	270	45	80.4	− 1.9	100	9†	57	31	0.51	−2.78	0.37	26	0	2	14	12	5	sw.	Airway Observer
England	Lonoke	229	39	....	......	......	......	......	......	....	......	......	....	......	....	....	....	....	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	45	80.0	+ 1.2	105	9	48	30	1.10	−3.59	0.60	25-26	0	5	19	7	5	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	79.3	......	101	9†	50	30	0.53	......	0.29	4	0	7	10	12	9	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	58	77.9	− 0.7	102	9	47	30	0.70	−3.26	0.30	5	0	4	12	16	3	s.	University of Arkansas
Fordyce	Dallas	280	5	81.3	......	101	17	53	31	2.33	−2.00	0.98	3-4	0	6	8	22	1	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	81.4	+ 0.9	104	9†	56	3	0.78	−2.50	0.45	3	0	5	11	10	10	ne.	U. S. Weather Bureau
Fort Smith Wtr.P. ***	Crawford	793	8	....	......	......	......	......	......	1.85	......	1.36	3	0	4	22	4	5	......	Ft. Smith Water Dept
Fulton	Hempstead	260	60	....	......	......	......	......	......	2.17	−0.65	0.59	26	0	8	....	....	....	......	Ina J. Logan
Garland	Miller	225	3	....	......	......	......	......	......	6.17	......	2.56	26	0	6	....	....	....	......	L. D. Denney
Georgetown, 2 mi, se	White	200	33	....	......	......	......	......	......	0.55	−2.89	0.25	9	0	4	....	....	....	......	J. S. McDonald
Gilbert	Searcy	600	20	77.3	......	102	17	44	31	0.74	−3.24	0.28	3†	0	5	9	15	7	ne.	D. O. Dennis
Glenwood	Pike	547	10	....	......	......	......	......	......	6.48	......	3.00	6	0	....	....	....	....	......	C. A. Price
Grannis	Polk	950	26	79.0	− 0.7	103	18	55	29†	2.13	−1.18	0.96	3	0	7	14	11	6	se.	W. E. McVay
Gravette	Benton	1250	48	79.0	+ 0.8	106	9	46	30	1.29	−2.73	0.91	10	0	4	14	8	9	sw.	J. A. Schmidt
Green Mountain ***	Stone	1100	8	76.7	......	99	17	50	30	1.10	......	0.45	5	0	4	14	8	9	s.	U. S. Forest Service
Harrison	Boone	1052	45	75.8	− 2.0	100	9	47	30	1.50	−2.07	0.47	26	0	7	12	10	9	......	R. C. Beene
Helena	Phillips	300	73	77.6	− 3.1	95	9†	48	31	0.90	−2.66	0.51	5	0	3	14	7	10	ne.	James A. Burnett
Hope 3 miles e	Hempstead	375	75	80.6	− 1.3	104	18	56	31	2.90	−0.38	1.73	4	0	4	10	15	6	ne.	Univ. of Arkansas
Hot Springs	Garland	600	53	81.0	− 0.7	100	17	56	30†	2.86	−0.84	1.44	18	0	5	21	7	3	s.	National Park Service
Index ***	Little River	275	28	....	......	......	......	......	......	3.35	+0.38	1.50	18	0	5	....	....	....	......	W. E. McDowell
Jessieville	Garland	750	19	....	......	......	......	......	......	....	......	......	......	......	....	....	....	....	......	U. S. Forest Service
Jonesboro	Craighead	345	50	76.9	− 3.4	99	9	50	31	2.20	−1.26	0.97	10	0	7	16	5	10	ne.	Benedictine Sisters
Lead Hill	Boone	650	39	77.5	− 1.6	105	9†	43	30	0.72	−3.15	0.29	3	0	3	20	6	5	sw.	F. W. Kellogg
Little Rock[a]	Pulaski	257	66	79.8	0.0	99	8	55	31	0.69	−3.06	0.45	25	0	5	11	8	12	sw.	U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	47	78.3	− 1.7	98	17	55	31	1.61	−2.20	0.40	26	0	6	20	6	5	e.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	....	......	......	......	......	......	2.00	−1.33	1.05	10	0	4	....	....	....	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	81.3	− 1.4	101	18	58	31	1.74	−0.83	1.01	26	0	3	9	19	3	se.	State Agri. School
Mammoth Spring	Fulton	600	41	75.8	− 2.2	102	9	44	31	1.46	−2.56	0.37	18	0	5	13	14	4	w.	L. A. O'Neal
Marianna	Lee	235	34	78.0	− 2.6	97	9†	44	31	1.38	−1.53	0.60	6-7	0	4	12	15	4	e.	Univ. of Arkansas
Marked Tree	Poinsett	229	41	76.9	− 2.8	98	9	48	31	5.90	+2.36	4.78	3	0	4	22	8	1	nw.	Chas. Walton
Marshall	Searcy	1050	27	....	......	......	......	......	......	....	......	......	......	......	....	....	....	....	......	Mrs. Minnie Horton
Mena	Polk	1207	57	79.7	− 0.5	104	18	54	31	3.90	−0.36	2.13	25-26	0	6	15	13	3	sw.	E. W. St. John
Monticello	Drew	273	5	79.8	......	97	18	58	30†	1.93	......	1.63	3-4	0	7	12	14	5	ne.	Airway Observer
Morrilton ***	Conway	315	29	79.8	− 1.9	103	15†	51	31	1.00	−1.92	0.62	24-25	0	5	19	4	8	se.	L. A. Dicus
Mountainburg	Crawford	712	8	....	......	......	......	......	......	2.27	......	1.80	3	0	3	21	6	4	s.	C. A. Lovell
Mountain Home ***	Baxter	800	33	75.5	− 3.1	99	9†	44	31	0.65	−3.18	0.50	5	0	2	20	6	5	w.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	78.7	− 0.9	102	17	50	31	4.50	+1.01	3.20	3	0	6	21	7	3	w.	J. S. Whittington
Mulberry 6 mi. n ***	Franklin	433	7	....	......	......	......	......	......	0.93	......	0.57	3	0	3	....	....	....	......	H. G. Arvin
Nashville	Howard	350	7	80.6	......	101	18	58	30	2.64	......	1.55	4	0	3	21	8	2	e.	Brice Carruth
Newport	Jackson	231	62	80.2	− 0.2	101	9†	50	31	0.68	−2.79	0.37	10	0	3	10	5	16	s.	Willis T. Moyer
Nimrod Dam	Perry	475	4	79.5	......	102	18	50	31	1.54	......	0.55	18	0	5	15	11	5	s.	U. S. Engineers
Oden, 2 mi. w	Montgomery	800	18	81.8	......	100	17†	60	31	2.90	−0.40	1.08	3-4	0	6	14	11	6	se.	U. S. Forest Service
Okay	Howard	288	17	81.1	− 1.7	102	18	57	31	2.85	+0.06	1.12	19	0	5	19	8	4	ne.	J. T. Hargis
Osceola	Mississippi	250	45	....	......	......	......	......	......	2.45	−0.80	1.00	9	0	4	....	....	....	......	C. E. Carter
Ozark	Franklin	396	50	80.6	− 1.6	103	17	54	30	1.02	−2.71	0.72	26	0	4	9	10	12	se.	Orkney O. Milton
Paragould	Greene	275	22	77.8	......	100	9	50	30	3.14	−0.73	1.55	3	0	5	14	14	3	......	Jene J. Coffman
Parkin, 2mi. w	Cross	222	15	....	......	......	......	......	......	2.36	−0.79	1.59	10	0	2	....	....	....	......	Carroll King
Perryville	Perry	325	6	79.0	− 0.6	103	17	47	31	0.92	−3.13	0.52	3	0	6	20	9	2	w.	Gordon Bennett
Pine Bluff	Jefferson	215	58	81.8	− 0.3	101	16†	55	31	2.19	−0.69	1.60	3-4	0	3	20	9	2	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	21	....	......	......	......	......	......	3.41	+0.50	2.19	4	0	6	13	11	7	sw.	J. R. Huddleston
Pocahontas	Randolph	300	52	77.3	− 2.4	101	9	47	31	6.26	+1.87	3.13	2-3	0	9	14	6	11	ne.	Benedictine Sisters
Portland	Ashley	122	39	79.7	− 1.7	97	9†	54	31	1.10	−2.13	0.75	18-19	0	3	17	9	5	n.	Mrs. Pearl Newton
Prescott	Nevada	318	57	81.4	− 0.7	102	18	56	31	4.20	+1.04	2.95	4	0	4	23	6	2	e.	R. P. Hamby
Rogers	Benton	1300	55	77.8	0.0	101	9	47	30	0.89	−2.88	0.66	10-11	0	3	12	13	6	sw.	Howard Fowler
Russellville	Pope	526	33	79.6	− 0.8	101	17	53	30†	1.90	−1.65	1.00	24-25	0	4	10	16	5	s.	U. S. Forest Service
St. Charles	Arkansas	175	12	79.8	......	99	7†	51	31	....	......	......	......	0	....	3	26	2	ne.	U. S. Biological Survey
St. Francis	Clay	290	18	....	......	......	......	......	......	4.07	+0.10	1.85	9-10	0	4	....	....	....	......	Wm. S. Buckley
Searcy	White	245	35	80.4	− 0.3	105	17	50	31	0.86	−2.74	0.30	3†	0	6	19	7	5	s.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	5	77.6	......	99	16†	51	30†	0.78	......	0.33	3	0	6	9	19	3	ne.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	79.7	......	104	9	47	30	0.86	......	0.20	3†	0	6	13	11	7	s	John Brown Univ.
Story	Montgomery	650	21	....	......	......	......	......	......	3.17	+0.15	2.47	3	0	3	22	7	2	s.	S. C. Story
Stuttgart	Arkansas	214	58	79.8	− 1.1	97	8†	54	31	0.25	−3.21	0.18	25	0	3	27	4	0	s.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	10	78.7	......	99	17	51	31	0.42	......	0.23	19	0	3	21	7	3	......	University of Ark.
Subiaco	Logan	750	47	79.4	− 2.8	103	15†	54	30	0.96	−2.61	0.48	25-26	0	3	2	15	14	s.	New Subiaco Abbey
Texarkana	Miller	332	61	81.0	− 1.3	100	7	61	31	2.85	−0.52	1.30	18-19	0	10	8	13	10	s.	U. S. Weather Bureau

Climatological Data for August, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Turnpike***	Pope	2240	21	74.2	......	95	8	49	30	2.82	−1.27	1.98	10	0	5	18	11	2	se.	U.S Forest Service
Waldron	Scott	675	26	80.2	......	104	17	51	31	1.08	−1.98	0.65	3-4	0	3	12	18	1	se.	William D Bivens
Warren	Bradley	206	51	80.2	− 1.7	97	7†	53	31	3.13	−0.28	2.26	4	0	5	20	6	5	sw.	C. N Turner
Whitecliffs	Little River	290	39	....	......	......	......	......	......	5.49	−2.59	3.23	18-19	0	6	....	....	....	......	L. M. Snead
White Rock***	Franklin	2285	9	75.9	......	97	17	50	30	0.84	......	0.26	25	0	4	24	5	2	se.	U. S. Forest Service
Wilson	Mississippi	237	20	75.8	− 3.7	99	9	43	31	1.96	−1.31	0.71	16	0	4	14	1	16	se.	D. O. Anderson
Wyune	Cross	167	37	80.6	......	100	9	49	31	0.58	−3.17	0.53	9-10	0	2	....	....	....	......	Guy B. Upton
State Means	....	....	..	79.0	− 1.1	109	17	43	30†	1.87	−1.68	4.78	3	0	4	15	10	6	s.	

Daily Precipitation for August, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas				.83							.10								.03							.19	.23					1.38
Alum Fork Reser.	Arkansas				1.10						T.									2.75					T.	.18	.06						4.09
Aplin[2]	Arkansas				.36							.14								.31						.16	.35	.09			.08		1.49
Arkadelphia[2]	Ouachita				.62															.28						.02	.38	.14		.03			1.47
Arkansas City[2]	Mississippi				.22	.05	.70													.09								T.					1.06
Ashdown[2]	Red				.54	.13	.10													2.54						.27	.40	.29			.03		4.30
Augusta[2]	White							T.			.20	.05								.12						.13							0.50
Batesville Air'y[3]	White	.12		.04							.49															.03	.02						0.70
Batesville Livestk[2]	White	.07		.35							.20																						0.62
Batesville River[2]	White				.04							.28														.02							0.34
Beaty Lake	St. Francis			.21			.02				1.18								.44							.02							1.87
Beaver[2]	White										.47									.01							.18	1.20					1.86
Bee Branch	Arkansas			T.	.75	.11					.63															.54	T.						2.03
Beech Grove[2]	White				.55		1.91				.78					.50			.16								.03						3.93
Beedeville[2]	White																																....
Benton[2]	Saline				.84															.38						.02	.04						1.28
Bentonville[2]	Arkansas										.35			T.													.09	.26					0.70
Bethesda[2]	White				.31						.21																						0.52
Big Flat[2]	White				.94		T.				.31								.32							.35	.05						1.97
Big Lake Outlet[2]	St. Francis			.01	.73		1.04				1.79				T.	.06				.18					T.	.03	T.						3.84
Black Rock[2]	White										.79			T.					.40					T.		.07							1.26
Bluff City	Ouachita																																....
Blytheville[2]	St Francis		.04	.72			.62				2.53				.05																		3.96
Booneville 3 mi. w.	Arkansas			T.	.34						.11																1.04			.01			1.50
Booneville[2]	Arkansas				.62							.03								.01							.15	.50					1.31
Boughton[2]	Ouachita				1.67														.22							1.02	.31						3.22
Bradford[2]	White		.07									.06														.12							0.25
Brinkley[3]	White			1.90		.06	1.19				T.															.05							3.20
Burdette	Mississippi		.27	.23			.72				1.66																						2.88
Calico Rock[2]	White				.10		.01				.23			T.					.05	.17					T.	.02	.01	T.					0.59
Camden[2]	Ouachita				1.08															.18						.04	.02	.21					1.53
Camp Chaffee[2]	Arkansas					.22	T.				.26	.08								.01						.02	.18	.02					0.79
Camp Robinson[1]	Arkansas			.25		.27					T.								.05							.66	.03						1.26
Carlisle[2]	Arkansas																																0.00
Clarendon[2]	White				.20		.21	.31																		T.	.03						0.75
Cold Springs[2]	Ouachita				1.34																					.05	.14	.16		.05			1.74
Conway	Arkansas			.68	T.	.21	T.				.81									.03						.63	T.						2.36
Corning[2]	White				.89		1.10				.16				.33	1.35				.04						.03							3.90
Cotter[2]	White				.21						.17				.04												T.						0.42
Crossett	Ouachita	T.		.15	.28	.04														.14							.05	T.		T.			0.66
Crystal Valley[2]	Arkansas				.30															.33						.10	T.						0.73
Cummins Farm	Arkansas				.57		T.																			T.							0.57
Danville[2]	Arkansas				.69						.02									.13							.07	.05					0.96
Dardanelle[2]	Arkansas				.77															.44						.10	.58						1.89
De Queen	Red				.22	.21													.14	.64							.92			.05			2.18
Dermott[2]	Mississippi			.46																								.06					0.52
Des Arc[2]	White				.37		T.	T.				T.														.02	T.						0.39
Devils Knob	Arkansas			.59	.29	T.					1.15								.92							1.12	.07						4.14
Dumas	Mississippi			T.	1.59	T.														.07						.01					T.		1.67
Eagle Gap[2]	Arkansas				.39	.10	.07																				.08	.79			.04		1.47
El Dorado	Ouachita				.14																						.37						0.51
Eleven Point[2]	White	T.		.06	.48	T.	1.26				.31				.31	1.54			.14						T.	.11							4.21
England	Arkansas																																....
Eureka Springs	White										.44			.01					.05							.05	.55						1.10
Evening Shade[2]	White				.33						.49			T.					T.							T.							0.82
Fayetteville	White				.29	.03	.01				.05			T.					T.						.04	.05	.06						0.53
Fayetteville Exp. S.	White						.30				.23		T.	T.					T.							.01	.16						0.70
Fordyce	Arkansas				.98	.20														.98						.02	.09	.06		T.			2.33
Forester[2]	Arkansas				.95															.75						T.	.10	.36					2.16
Fort Smith[1]	Arkansas			.45	T.	T.	T.				.13								T.						.02	.17	.01		T.				0.78
Fort Smith W.[2]	Arkansas				1.36						.18															.11	.20			T.			1.85
Fulton[2]	Red				.27	.19	.23													.25						.22	.11	.48			.42		2.17
Garland[2]	Red				.40							.45								1.35						.53	2.56	.88					6.17
Georgetown[2]	White				.05						.25	.05														.20							0.55
Gilbert[2]	White				.28						.28			T.	T.					T.						.06	.05	.07					0.74
Glenwood[2]	Ouachita				3.00															1.73						.64		.54	.46	.11			6.48
Grannis[2]	Red				.96	.02	.13													.46				T.		.19	.33	T.	.04				2.13
Gravelly[2]	Arkansas				2.26						.09									1.21						T.	.12	.08					3.76
Gravette	Arkansas										.91														.03		.17	.18					1.29
Green Forest	White																									.24	.12	1.00					1.36
Green Mountain	White			.30	T.	.45					.20								.15							T.	T.						1.10
Greenwood[2]	Arkansas			.06															T.	.09	.10	.06											0.31
Harrison	White			.23		T.					.22			.04					.05						.39	.10	.47						1.50
Helena[2]	Mississippi				.20		.51	.19																									0.90
Henderson[2]	White					.50																			T.	T.							0.50
Hope[2]	Red				1.73		T.					T.								.70						T.	.06	.41					2.90
Hot Springs	Ouachita				1.13															1.44						.26	.02			.01			2.86
Huttig Lock 7, Dam 6[2]	Ouachita			.29	.54															.10								.06					0.99
Index[2]	Red				.50															1.50						.50	.75				.10		3.35

Daily Precipitation for August, 1946 Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jessieville	Ouachita																																....
Jonesboro[2]	White				.48		.28	.04			.97				.01	T.			T.	.38					T.	.04							2.20
Lake City[2]	St. Francis					T.				.98			T.			T.				.58													1.56
Lead Hill	White			.29		.25								T.												T.	.18						0.72
Little Rock[1]	Arkansas			.07	.06	.07	T.				T.								.04	T.						.45	T.						0.69
Lock & Dam No. 3[2]	White				.67		T.				.22															.02	.08						0.99
Lost Corner																										.75	.80						1.55
Lurton[2]	White				.86						1.17	.01							T.	.12						.18	.08	.06					2.48
Lutherville	Arkansas				.38						.34								.07							.27	.40			.15			1.61
Madison[2]	St. Francis				.20			.50			1.05									.25							T.						2.00
Magnolia	Red																			.15						.58	1.01	T.					1.74
Mammoth Spg[2]	White										.32				.36	.31			.37						.10								1.46
Marianna[2]	St. Francis		.26		.24		.28	.60																		T.							1.38
Marked Tree[2]	St. Francis				4.78		.07				.60									.45						T.							5.90
Marshall[2]	White																																....
Marvell[2]	White				1.67																												1.67
Melbourne[2]	White					.40					.49								.33	T.													1.22
Mena[2]	Ouachita				1.60	T.	.02					T.								.11						T.	.07	2.06		.04			3.90
Monticello[1]	Ouachita			1.22	.41	.20	.02												.04	.02						.02	T.						1.93
Morobay[2]	Ouachita				.73															.44								.10					1.27
Morrilton[2]	Arkansas				.10						T.	.18								.10						.39	.23						1.00
Mountainburg	Arkansas				1.80	T.					.26														T.		.21		T.				2.27
Mountain Home	White			T.		.50				T.				.15																			0.65
Mountain View[2]	White				1.35																				.30	.10	.02						1.77
Mount Ida	Ouachita				3.20														.25	.23						.67	.10			.05			4.50
Mulberry[2]	Arkansas				.57						.18	T.													T.		.18	T.					0.93
Nashville	Red				1.55	T.														.86						T.	.23			T.			2.64
Newhope[2]	Ouachita																																....
Newport[2]	White				.26						.37															.05							0.68
Nimrod Dam[2]	Arkansas				.40															.55						.12	.32	.15					1.54
Oark[2]	Arkansas				1.30						.75							.40								.60		T.	T.	T.			3.05
Odell[2]	Arkansas				.23						.05															.03	.33			.84			1.48
Oden	Ouachita				1.08	.71					.04								.45	T.					T.		.57			.05			2.90
Okay	Red				.47	.10														1.12						.50	.66			T.			2.85
Osceola[2]	Mississippi				.95	.41					1.00			T.						.09													2.45
Ozark[2]	Arkansas				.21															.04						.05		.72					1.02
Paragould	St. Francis			1.55						.83					.31				.30						.15								3.14
Parkin[2]	St. Francis				.77						1.59	T.																					2.36
Perryville[2]	Arkansas				.52							.20								.07					.01	.05	.07						0.92
Pine Bluff[2]	Arkansas				1.60			T.												.57							T.	.02					2.19
Pine Ridge[2]	Ouachita				1.37	.82														.80						.11		.24		.07			3.41
Pocahontas	White		1.10	2.03			1.27				.60			.09	.93				.18						.03			.03					6.26
Portland[2]	Ouachita	.10			.25															.75								T.					1.10
Prescott[2]	Ouachita				2.95															.65						.05	.55			T.			4.20
Ratcliff[2]	Arkansas																																....
Red Star	White			.05						1.08										1.87					T.		.08	.05					3.13
Rogers	White										.66			T.											T.	.19	.04						0.89
Rosebud	Arkansas																																....
Russellville	Arkansas				.33						T.									.50					T.	1.00	.07						1.90
St. Charles[2]	White																																0.00
St. Francis[2]	St. Francis						.79				1.85				.48	.95																	4.07
Searcy[2]	White				.30						.04	.16								.06						.28	.02						0.86
Sheridan	Ouachita				.33	.11	.02													.07						.20	.05						0.78
Shirley[2]	White										.30									.20							.07	.16					0.73
Siloam Springs	White			.20			.15				.20			T.											.07	.17	.07						0.86
Sparkman	Ouachita					.73													1.73														2.46
Stamps	Red				1.80	.02														.15						.45	.90	.03		.14			3.49
Stephens[2]	Ouachita																																....
Steve[2]	Arkansas				.75															1.96						.39							3.10
Story[2]	Ouachita				2.47															.56								.14					3.17
Stuttgart[2]	Arkansas				.04			.03																			.18						0.25
Stuttgart Evap[2]	Arkansas						.10													.23						.09	T.						0.42
Subiaco[2]	Arkansas				.38							.10								T.							.48						0.96
Sugar Grove[2]	Arkansas				1.77							.03								.03						.27	.11						2.21
Sugar Loaf Mt.[2]	White			.02	1.19						T.	.34															.48						2.03
Texarkana[3]	Red				.08	.02						.15							1.26	.04					.02	.17	1.09	T.	.01	.01			2.85
Tichnor[2]	White				.02																												0.02
Turnpike	Arkansas				.52						1.98				.10											.12	.10						2.82
Viola[2]	White																		.59														0.59
Waldron[2]	Arkansas				.65																						.18	.25					1.08
Walnut Grove	White			.29							.70						T.																0.99
Warren	Ouachita				2.26	.64	.02											.18								T.	.03						3.13
Whitecliffs[2]	Red				.68	.20	T.					T.								3.23						.95	.20	.23					5.49
White Rock	Arkansas				.10																					.26	.23			.25			0.84
Wilson[2]	Mississippi				.23		.52				.50							.71															1.96
Wynne	St. Francis						.05				.53																						0.58

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for August, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.214	.252	.260	.166	.186	.286	.188	.266	.262	.104	.420	.284	.254	.088	.194	.307	.345	.402	.254	.318	.292	.160	.256	*	*	.570	.125	.155	.258	.656	.154	7.676
	Mean tem.	80	80	82	78	82	84	80	82	86	80	73	74	76	78	79	86	88	86	73	72	70	74	76	74	73	70	72	76	70	64	66	76.8
	Wind move	24	22	36	46	16	50	41	28	50	85	16	14	23	37	54	61	53	74	56	50	37	37	30	70	16	15	18	20	47	46	31	1,203
Hope Exp. Farm	Evap.	.224	.187	.247	.344	.162	.227	.157	.260	.262	.282	.249	.217	.247	.227	.233	.271	.285	.287	.279	.204	.251	.259	.187	.221	.197	.063	.107	.089	.145	.219	.213	6.802
	Mean tem.	80	82	84	80	81	85	86	86	86	84	82	79	80	84	86	87	84	90	80	78	78	80	80	80	72	68	76	78	78	71	71	80.6
	Wind move	24	9	19	48	29	22	28	17	21	27	22	9	15	30	21	26	20	43	37	9	20	24	25	19	20	20	16	35	22	39	25	741
Nimrod Dam	Evap.	.238	.256	.271	.298	.137	.264	.318	.180	.282	.392	.200	.250	.210	.268	.308	.304	.364	.380	.310	.276	.286	.264	.270	.224	.150	.070	.036	.148	.228	.124	.232	7.538
	Mean tem.	82	82	84	82	82	86	82	86	85	80	79	78	77	86	88	88	88	90	81	77	73	78	78	79	70	66	74	76	75	67	67	79.5
	Wind move	11	9	9	61	31	42	21	25	19	27	18	18	34	46	47	69	43	61	34	6	20	22	11	17	8	4	3	11	8	4	21	760
Russellville	Evap.	.230	.232	.264	.290	.184	.254	.220	.202	.298	.158	.218	.218	.218	.194	.272	.306	.312	.270	.218	.232	.264	.238	.230	.214	*	.200	.120	.150	.180	.182	.212	6.780
	Mean tem.	80	82	86	82	82	86	85	86	85	84	78	77	79	83	86	87	88	86	81	77	74	76	78	80	74	68	76	76	72	67	68	79.7
	Wind move	6	3	10	13	8	10	15	7	9	8	9	11	13	13	16	11	13	11	8	10	9	7	10	12	*	22	5	3	14	10	11	307
Stuttgart Rice Exp. Farm	Evap.	.148	.181	.198	.210	.192	.152	.205	.163	.222	.266	.157	.214	.158	.185	.200	.243	.245	.255	.148	.108	.145	.229	.237	.217	.177	.115	.020	.196	.123	.202	.300	5.811
	Mean Tem.	81	82	84	80	82	84	82	86	86	81	78	76	68	82	84	85	86	85	80	75	74	77	78	76	70	70	75	76	74	66	66	78.8
	Wind move	25	10	35	65	40	65	53	12	50	65	20	15	20	40	60	30	40	65	45	30	35	45	15	35	40	20	20	30	10	60	30	1,125

Daily Temperatures for August, 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	91	87	93	93	91	94	95	94	97	95	91	88	90	93	97	98	99	98	99	98	89	89	87	89	80	70	85	88	87	84	83	90.7
	Minimum	66	71	73	69	70	70	71	70	71	70	66	65	64	71	74	74	76	76	68	66	58	60	65	64	60	63	55	60	55	55	58	66.3
Arkadelphia /	Maximum	93	96	96	92	90	96	97	98	98	96	92	93	96	99	101	100	102	102	95	94	91	93	95	94	78	71	87	92	81	83	87	92.8
	Minimum	68	69	72	68	71	73	74	74	71	71	69	66	65	68	74	72	72	72	71	63	59	62	66	70	65	64	65	66	68	57	53	67.7
Ashdown /	Maximum	93	96	99	94	92	98	98	98	99	98	92	92	94	97	98	98	99	100	91	91	88	88	92	89	80	72	85	88	86	83	84	92.0
	Minimum	67	68	72	68	69	73	71	70	72	68	72	65	68	74	74	74	74	73	68	64	60	59	65	68	70	69	65	66	69	61	57	68.2
Batesville Air	Maximum	94	93	90	94	95	96	89	97	102	89	89	87	85	90	99	100	101	95	95	91	89	94	92	85	81	78	86	93	77	81	86	90.7
	Minimum	70	68	70	67	73	73	71	70	75	67	62	64	67	69	72	75	79	75	63	58	56	59	63	67	62	63	64	63	58	51	48	65.9
Batesville, Livestk /	Maximum	94	92	93	94	94	95	91	96	99	91	90	87	84	89	97	99	100	98	94	91	89	94	92	81	82	83	84	92	78	80	83	90.5
	Minimum	67	66	65	64	70	73	69	67	73	70	59	60	68	67	70	74	75	77	60	55	52	53	61	61	61	60	59	59	66	47	44	63.6
Bee Branch	Maximum	90	90	91	89	91	93	90	94	96	94	87	89	89	91	95	96	99	97	95	94	92	94	94	90	82	73	86	90	84	82	83	90.3
	Minimum	64	66	68	65	69	70	69	68	67	67	60	61	60	69	69	69	69	76	62	57	54	57	63	67	61	65	64	63	67	49	48	64.0
Benton /	Maximum	92	92	92	91	91	95	91	95	94	90	91	88	90	93	95	96	97	97	92	91	92	92	91	88	75	70	86	86	90	80	84	89.9
	Minimum	63	64	70	66	70	70	71	70	66	69	60	60	60	67	69	67	69	69	69	57	53	55	59	63	61	61	62	60	60	51	47	63.2
Bentonville /	Maximum	93	94	96	94	95	94	98	102	103	90	89	84	93	97	100	100	101	93	95	95	94	94	91	86	77	67	81	85	77	79	87	91.1
	Minimum	65	68	72	67	69	69	68	72	70	64	60	65	69	71	71	73	73	75	58	58	57	61	68	69	66	62	61	63	61	46	55	65.4
Bethesda	Maximum	93	92	91	92	94	94	89	95	99	88	86	86	84	89	87	98	100	94	84	88	88	91	92	86	85	77	82	90	77	78	85	88.8
	Minimum	68	67	72	65	71	73	71	68	73	71	60	62	68	68	71	73	76	78	62	56	53	56	61	61	61	62	62	61	64	49	46	64.8
Bluff City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Blytheville	Maximum	90	93	92	90	94	85	87	92	98	87	87	83	77	83	95	96	96	87	88	84	84	86	85	79	81	81	84	86	75	74	80	86.4
	Minimum	71	69	74	69	71	68	68	72	76	67	64	65	59	69	73	75	75	72	67	61	59	64	66	64	64	64	51	67	66	51	50	66.2
Booneville	Maximum	93	96	98	98	96	100	93	106	107	99	95	96	100	105	104	106	109	105	97	98	94	97	95	91	84	75	86	89	84	82	90	95.7
	Minimum	67	67	76	70	72	72	75	72	69	73	63	68	70	74	74	73	78	74	71	58	57	59	63	72	68	64	66	68	68	55	55	68.1
Brinkley	Maximum	94	94	92	90	93	94	91	97	97	89	89	87	90	93	97	98	98	96	91	88	87	91	91	87	83	76	88	91	82	78	84	90.2
	Minimum	67	69	69	68	72	71	71	71	72	68	66	61	64	70	73	73	71	75	61	57	55	55	63	64	62	65	64	62	58	50	44	64.9
Camden	Maximum	97	96	93	88	93	89	93	100	99	99	100	87	93	95	96	99	98	99	102	98	92	99	92	94	93	88	79	89	93	89	84	93.7
	Minimum	68	68	73	66	62	75	72	73	70	70	70	65	64	69	68	68	72	75	70	62	58	58	62	67	67	64	65	63	66	56	56	66.5
Camp Robinson	Maximum	92	95	95	94	83	96	90	98	100	87	90	90	93	95	100	100	100	99	84	83	89	92	90	89	75	72	86	89	86	78	80	90.0
	Minimum	67	68	70	69	73	76	72	73	75	69	67	64	67	72	75	74	75	77	68	59	61	60	66	69	59	66	66	67	69	54	50	67.6
Conway	Maximum	96	96	95	95	94	98	94	100	102	87	92	90	92	94	99	99	101	98	95	95	93	96	95	92	83	76	89	93	83	82	88	93.0
	Minimum	67	69	73	67	71	73	72	72	70	73	67	69	65	71	75	74	73	73	67	58	55	58	62	69	61	65	65	63	69	51	50	66.7
Corning	Maximum	95	92	83	90	95	86	90	95	100	89	87	82	75	83	95	97	98	87	90	86	86	90	85	79	81	81	85	89	77	77	83	87.4
	Minimum	69	70	69	70	74	67	66	70	77	70	61	63	69	68	74	75	75	76	63	58	56	62	65	65	63	63	55	61	65	47	46	65.5
Crossett	Maximum	92	94	93	92	90	94	98	98	98	97	89	90	93	96	97	96	96	96	89	87	85	89	90	87	87	76	84	89	87	80	83	90.7
	Minimum	69	68	72	68	74	74	71	72	72	70	71	63	64	71	73	72	71	72	71	60	57	60	67	67	71	67	67	67	71	59	51	67.8
Cummins Farm	Maximum	92	93	91	91	90	93	94	96	95	94	89	87	88	93	94	96	97	94	91	87	88	90	91	89	79	80	85	89	85	78	82	89.7
	Minimum	69	73	74	69	73	74	75	75	73	72	67	62	65	71	73	73	72	75	61	60	60	61	64	70	66	67	65	72	67	56	53	67.9
Dardanelle	Maximum	94	96	97	97	96	97	101	100	102	104	94	96	93	95	100	100	103	101	92	96	93	94	92	91	85	73	85	89	82	83	86	93.8
	Minimum	69	71	76	69	74	76	74	75	75	74	66	68	69	73	74	74	77	76	68	62	58	61	65	71	63	67	66	65	71	53	55	68.9
De Queen	Maximum	92	95	97	94	88	97	99	98	98	97	93	91	94	96	97	98	100	101	90	91	89	85	90	89	86	80	84	85	82	83	82	91.6
	Minimum	67	69	72	70	70	70	71	72	70	71	72	68	68	76	75	74	74	73	71	64	62	64	68	71	71	65	65	66	70	62	59	69.0
Des Arc	Maximum	92	94	93	92	94	95	92	98	99	90	88	85	88	91	96	97	98	95	90	88	87	90	91	85	81	80	86	90	86	77	81	90.0
	Minimum	69	72	73	74	78	73	71	73	74	72	65	63	66	70	74	74	73	75	68	59	56	58	65	65	61	65	63	64	73	51	48	67.3
Devils Knob	Maximum	....	89	88	89	87	....	90	92	94	....	92	82	84	85	90	91	94	94	82	83	83	86	84	81	....	....	....	78	75	73	77	85.7
	Minimum	....	73	72	64	69	....	68	73	72	....	64	65	65	67	72	72	72	68	68	67	66	64	66	65	....	....	....	58	60	51	56	66.3
Dumas	Maximum	92	94	94	90	92	93	96	98	98	95	91	89	90	96	98	98	98	95	92	89	88	90	92	90	82	76	88	90	89	80	84	91.2
	Minimum	68	73	74	68	73	75	75	76	75	74	67	64	65	72	74	73	74	75	73	61	58	60	64	70	66	68	65	72	69	55	50	68.6
El Dorado	Maximum	92	94	95	93	92	94	98	99	100	96	89	90	92	96	98	95	98	100	89	88	85	90	91	87	76	75	84	88	88	81	83	90.8
	Minimum	72	71	74	70	75	77	70	75	74	73	74	67	65	73	73	74	73	76	74	66	64	63	67	70	69	67	66	69	70	62	57	70.0
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Eureka Springs	Maximum	95	96	99	96	97	97	97	103	105	93	92	87	91	97	100	100	103	95	96	95	95	98	91	84	77	66	82	85	77	86	87	92.3
	Minimum	66	73	77	71	74	71	68	77	77	66	63	66	71	73	77	76	77	78	61	61	60	67	68	68	64	60	61	62	61	48	57	67.7
Fayetteville	Maximum	91	92	91	95	92	94	95	100	101	90	92	87	94	96	99	99	101	96	95	95	95	95	92	86	80	71	84	86	78	80	87	91.3
	Minimum	65	67	76	70	69	70	72	75	75	66	59	69	71	74	75	75	76	78	62	58	55	66	69	69	67	65	64	63	63	50	54	67.3
Fayetteville Exp. S	Maximum	91	91	91	94	91	92	94	100	102	97	90	86	92	95	98	100	100	97	93	93	93	95	91	87	80	72	83	85	79	79	86	90.9
	Minimum	63	65	75	68	69	68	68	74	74	63	59	63	69	72	73	73	74	73	57	56	53	62	64	68	65	62	61	60	61	47	53	64.9
Fordyce	Maximum	93	95	95	94	90	95	98	97	98	98	93	92	93	97	98	99	101	100	90	92	90	93	94	94	89	80	89	92	88	84	87	93.2
	Minimum	69	72	75	68	74	75	74	76	74	72	69	69	78	73	76	76	75	75	70	65	60	63	60	69	68	65	65	67	69	57	53	69.4
Fort Smith	Maximum	95	99	100	97	96	100	94	103	104	93	93	98	100	102	102	104	104	101	95	96	93	94	95	89	81	70	84	89	83	83	90	94.4
	Minimum	68	67	68	71	74	73	75	75	72	68	64	68	70	73	72	73	74	75	69	61	61	63	67	73	68	66	66	68	62	56	59	68.4
Gilbert /	Maximum	95	94	96	96	93	95	93	100	98	90	90	88	91	95	99	100	102	97	97	95	93	97	94	90	72	70	86	91	81	81	88	91.8
	Minimum	65	66	67	63	67	69	68	67	66	67	63	61	68	72	69	71	69	72	57	52	48	53	59	66	64	64	63	58	63	47	44	62.8
Grannis /	Maximum	94	96	97	91	92	96	97	97	98	99	93	93	95	97	98	99	99	103	92	95	91	92	90	94	81	69	84	87	83	82	83	91.8
	Minimum	67	70	67	68	70	70	69	68	70	66	65	65	69	71	71	71	71	69	62	60	60	66	69	70	64	63	64	66	55	55	57	66.1
Gravette	Maximum	97	97	96	99	98	96	101	103	106	95	93	85	95	97	100	101	101	95	96	96	96	97	80	86	80	69	82	86	82	79	87	92.6
	Minimum	63	68	75	67	72	67	69	75	64	66	61	66	72	74	76	75	76	65	55	57	60	61	62	68	66	63	63	64	52	46	56	65.3
Green Mountain	Maximum	92	91	93	91	91	92	87	94	98	95	85	84	85	90	96	97	99	95	89	86	87	89	86	85	74	75	81	87	78	75	84	88.1
	Minimum	68	70	74	64	68	65	64	70	74	65	62	64	65	74	72	73	74	71	66	61	62	65	63	62	61	60	60	65	57	50	54	65.3
Harrison	Maximum	89	90	94	91	90	90	88	96	100	88	84	83	84	90	94	95	99	92	90	89	89	90	85	90	70	66	78	82	77	76	82	87.1
	Minimum	66	71	72	66	70	72	68	73	70	67	60	64	70	70	70	72	74	76	57	55	51	57	61	68	62	61	63	60	62	47	49	64.6
Helena	Maximum	90	91	91	87	90	90	90	94	95	87	87	86	88	92	94	95	94	89	88	84	84	88	87	85	81	76	85	85	82	74	79	87.4
	Minimum	69	70	73	68	71	72	72	73	74	72	68	64	68	72	74	74	74	75	74	61	60	62	68	66	64	67	64	67	67	54	48	67.9
Hope /	Maximum	92	94	95	93	90	95	98	98	99	97	92	91	92	96	97	99	99	104	90	91	94	99	92	92	76	70	87	89	88	83	86	92.2
	Minimum	68	79	73	67	72	75	75	74	74	71	71	67	68	72	75	75	72	75	71	65	61	62	67	67	67	66	66	67	69	59	56	68.9
Hot Springs	Maximum	93	94	94	92	90	97	94	95	98	94	95	91	92	96	99	99	100	99	94	96	93	96	94	89	81	71	89	89	89	83	87	92.4
	Minimum	68	72	76	67	74	75	73	77	76	75	67	68	70	74	76	76	77	78	79	64	60	63	68	70	63	65	15	67	67	56	56	69.5
Jonesboro	Maximum	93	92	88	92	94	87	87	96	99	91	85	83	79	87	95	96	96	92	87	84	84	87	85	80	80	79	83	87	80	75	82	87.5
	Minimum	71	70	67	69	74	66	69	69	74	69	63	64	67	68	75	75	75	77	65	60	59	62	66	64	64	65	61	65	66	51	50	66.5
Lead Hill	Maximum	96	95	101	96	95	94	91	101	105	92	90	84	81	95	101	101	105	98	96	93	94	98	90	83	75	71	87	88	80	82	88	91.8
	Minimum	66	66	66	65	64	71	66	71	68	68	61	61	67	73	71	71	73	75	53	52	49	55	62	68	64	63	64	56	64	43	44	63.2
Little Rock	Maximum	92	94	94	93	92	94	90	99	99	88	90	89	91	93	98	97	99	97	92	90	87	91	89	87	74	71	83	87	80	80	83	89.8
	Minimum	70	72	72	71	75	76	75	75	75	74	69	67	66	74	76	76	76	75	72	68	65	63	68	70	62	68	67	68	64	58	55	69.7
Lutherville	Maximum	92	91	92	90	91	95	95	95	96	96	89	89	89	92	96	91	98	93	92	90	91	92	94	88	80	70	84	87	81	80	83	89.7
	Minimum	68	68	68	67	67	68	70	72	71	66	68	67	66	71	73	71	72	73	67	61	67	61	65	69	62	62	64	65	67	62	55	66.9
Magnolia	Maximum	92	95	94	92	90	94	95	97	98	98	92	90	93	96	98	97	98	101	100	93	89	92	93	90	84	73	83	91	85	83	85	92.0
	Minimum	71	70	73	69	78	81	80	78	79	77	74	76	78	72	72	73	73	73	72	63	60	60	67	78	67	66	66	67	67	60	58	70.6
Mammoth Spring	Maximum	94	93	89	94	95	90	91	99	102	88	88	87	88	86	97	99	101	89	89	86	88	89	83	82	80	79	88	86	86	76	85	89.3
	Minimum	67	67	67	67	67	69	62	66	70	69	59	61	60	67	69	70	70	71	58	55	54	58	58	61	60	63	56	57	60	45	44	62.2
Marianna /	Maximum	93	93	93	90	94	92	91	96	97	88	89	88	89	95	96	97	97	90	91	86	87	90	91	89	81	81	89	90	82	77	82	89.8
	Minimum	65	68	73	69	73	72	72	72	73	72	65	62	65	71	71	74	72	73	72	57	58	56	65	64	63	66	63	65	66	51	44	66.2
Marked Tree /	Maximum	94	93	90	91	95	90	89	95	98	87	85	86	85	88	95	97	97	89	87	84	84	88	87	82	83	80	86	89	77	75	82	88.0
	Minimum	69	68	71	67	71	67	69	70	73	70	65	64	64	68	71	74	74	75	67	63	60	60	63	65	63	64	58	59	67	52	48	65.8
Marshall /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Mena	Maximum	93	95	98	94	91	98	97	98	100	92	96	93	96	99	100	100	102	104	93	95	92	90	92	92	82	71	85	85	82	83	86	92.7
	Minimum	64	67	73	67	70	70	70	72	70	74	62	66	69	73	73	73	73	74	69	60	57	58	65	70	65	63	60	64	67	57	54	66.7
Monticello	Maximum	91	93	94	90	90	92	95	95	96	94	88	87	90	94	95	96	96	97	90	89	87	92	91	91	82	77	88	90	88	81	84	90.4
	Minimum	70	70	68	68	72	74	74	75	74	73	72	68	68	73	74	74	74	73	72	64	62	65	68	70	69	67	67	67	67	58	58	69.3
Morrilton /	Maximum	93	95	96	94	95	97	93	99	101	88	91	90	93	96	103	101	103	99	93	94	93	95	94	91	75	71	86	88	78	82	87	92.1
	Minimum	69	71	74	69	72	74	72	73	75	73	65	67	67	70	70	71	74	77	70	63	59	59	64	67	60	61	66	66	68	55	51	67.5
Mountain Home	Maximum	93	91	95	90	93	90	89	95	99	87	86	82	79	91	96	97	99	92	91	89	89	93	88	81	76	75	74	74	80	74	85	87.5
	Minimum	67	69	68	65	70	71	68	69	68	68	60	63	68	69	72	74	72	75	56	54	53	57	65	67	63	62	58	57	53	45	44	63.5
Mt. Ida	Maximum	91	95	93	95	90	97	93	95	98	95	92	91	93	95	98	98	102	101	86	92	89	90	92	88	80	73	84	87	82	86	90	91.3
	Minimum	63	65	68	69	70	72	70	70	68	70	60	64	72	74	76	77	75	74	62	58	53	55	64	68	65	65	63	65	68	58	50	66.1
Nashville	Maximum	93	95	97	93	88	96	98	98	98	97	92	90	94	96	99	100	100	101	91	92	89	88	90	93	85	74	85	90	84	85	85	92.1
	Minimum	69	70	71	68	73	73	73	73	71	70	72	68	65	75	75	74	73	72	71	64	62	62	71	72	67	67	66	65	70	58	61	96.1

Daily Temperatures for August, 1946 continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	95	97	92	95	97	97	95	100	101	92	89	88	90	95	100	101	101	95	95	91	92	94	93	86	85	81	88	94	80	80	85	92.4
	Minimum	72	71	74	69	74	73	71	71	74	72	65	66	68	70	74	74	76	77	66	60	59	61	66	68	65	69	64	65	69	53	50	67.9
Nimrod Dam....../	Maximum	94	95	94	95	92	97	90	99	99	90	93	91	92	96	98	100	100	102	93	94	90	98	94	89	75	69	85	89	82	81	84	91.6
	Minimum	67	68	75	69	72	74	73	72	71	71	65	65	62	76	77	77	75	77	69	62	56	59	62	69	64	62	64	64	68	53	50	67.4
Oden	Maximum	93	93	95	93	92	94	96	96	98	91	92	90	92	98	98	99	100	100	86	94	92	90	92	90	81	74	88	90	77	87	89	91.6
	Minimum	70	71	78	75	76	80	77	78	75	73	64	70	73	73	74	81	80	77	76	63	63	65	72	71	72	70	70	71	70	62	60	71.9
Okay	Maximum	93	94	96	94	94	96	99	99	99	100	97	93	94	96	99	99	99	102	97	92	92	91	91	91	90	77	86	88	85	84	83	93.2
	Minimum	68	69	72	68	73	73	72	71	70	71	73	66	69	74	74	74	74	74	70	64	61	68	67	71	69	66	66	66	70	60	57	69.0
Ozark	Maximum	92	94	98	95	98	96	92	100	101	90	93	95	97	99	102	102	103	102	95	97	93	97	83	94	83	73	85	91	85	82	87	93.4
	Minimum	67	68	75	69	72	74	75	74	71	70	72	69	69	66	73	73	74	75	67	60	60	58	65	67	67	63	63	66	68	54	58	67.8
Paragould	Maximum	95	95	94	95	85	89	85	95	100	90	87	84	76	86	95	97	98	97	90	86	86	91	90	86	85	87	85	93	90	85	85	89.7
	Minimum	71	70	71	67	68	66	66	70	75	70	65	65	68	68	74	75	74	74	65	64	60	62	61	63	62	60	59	66	64	50	51	65.9
Perryville	Maximum	93	96	98	95	99	96	97	99	100	98	96	92	90	98	101	100	103	99	94	94	91	94	93	90	85	76	87	90	86	81	89	93.5
	Minimum	65	68	71	66	69	70	70	70	68	69	66	62	62	66	71	73	70	71	69	56	52	56	60	69	61	65	64	62	65	49	47	64.6
Pine Bluff	Maximum	95	96	96	93	93	97	96	99	100	96	95	92	95	98	100	101	101	96	93	92	91	95	95	92	81	73	88	93	87	78	78	92.7
	Minimum	70	74	71	69	76	77	77	77	76	76	70	69	68	74	77	77	76	77	72	67	63	64	69	72	68	68	67	69	72	58	55	70.8
Pocahontas	Maximum	95	93	88	91	95	90	88	96	101	92	88	87	79	85	96	99	99	96	90	88	88	90	88	94	83	82	82	89	81	77	84	89.5
	Minimum	70	69	68	69	72	65	66	68	74	70	61	64	68	68	70	73	73	69	65	60	58	62	63	64	63	64	58	61	65	51	47	65.1
Portland	Maximum	91	92	92	90	89	90	95	96	97	95	89	90	91	93	97	95	95	97	86	88	87	90	92	88	81	78	83	85	90	82	85	90.0
	Minimum	70	72	73	72	72	74	74	75	75	75	70	65	65	72	74	74	74	74	70	64	62	62	65	68	70	68	68	70	72	58	54	69.4
Prescott	Maximum	94	95	96	95	90	96	99	99	99	98	98	92	94	97	100	100	100	102	99	93	88	90	93	93	90	80	87	90	84	83	90	93.7
	Minimum	69	70	74	68	72	76	74	72	73	74	70	68	73	74	75	75	75	76	71	65	62	62	64	70	64	66	62	66	69	58	56	69.1
Rogers	Maximum	92	91	94	94	93	92	96	99	101	90	88	83	90	95	97	97	100	93	92	93	93	94	90	88	77	68	81	80	76	79	87	89.8
	Minimum	66	69	72	65	70	69	69	73	73	63	62	65	70	72	73	72	73	74	59	59	54	60	68	68	65	62	62	63	62	47	57	65.7
Russellville	Maximum	93	95	96	94	94	97	96	99	99	96	90	90	92	95	99	99	101	98	95	94	92	93	91	89	85	70	85	88	85	81	81	92.0
	Minimum	68	70	75	69	71	75	74	72	71	73	67	61	66	71	72	75	76	74	67	60	57	59	64	70	63	65	66	65	60	53	53	67.3
St. Charles......../	Maximum	94	90	91	94	94	94	99	99	92	89	90	97	96	97	96	92	90	98	95	91	95	93	94	92	81	78	89	88	88	80	88	91.7
	Minimum	66	70	68	73	74	74	76	76	74	64	67	72	74	74	74	74	74	72	74	62	60	63	62	68	65	65	65	65	56	56	51	68.0
Searcy	Maximum	95	96	93	95	96	100	94	100	102	94	91	90	93	95	102	103	105	99	95	93	90	94	93	90	80	76	89	93	80	84	88	93.2
	Minimum	70	72	73	69	73	74	72	72	73	72	65	65	67	70	73	73	73	77	68	61	59	60	66	68	61	68	65	64	70	53	50	67.6
Sheridan	Maximum	92	93	92	91	90	95	93	96	96	90	92	90	92	94	97	99	99	97	92	91	88	92	90	89	87	72	87	89	83	81	85	90.8
	Minimum	64	67	70	65	70	72	70	72	69	70	63	62	63	70	70	70	70	71	68	57	52	57	60	65	61	63	62	60	65	51	51	64.5
Siloam Springs	Maximum	96	97	95	97	97	97	99	102	104	92	94	87	97	98	99	100	101	100	98	95	96	97	93	88	82	70	84	86	77	79	86	93.0
	Minimum	64	66	75	67	70	69	71	75	73	65	59	69	71	75	76	75	76	75	56	58	57	60	68	65	68	64	62	64	62	47	57	66.4
Stuttgart	Maximum	92	92	93	91	93	93	91	97	97	92	89	88	90	94	96	96	97	96	91	88	87	91	90	88	84	74	83	88	82	77	82	89.7
	Minimum	71	73	75	68	75	76	75	75	75	76	70	67	68	72	75	75	75	78	75	64	63	64	69	70	63	68	67	63	70	56	54	69.8
Stuttgart Evap..../	Maximum	92	91	93	90	92	93	91	96	97	89	83	88	90	94	95	96	99	95	90	87	88	90	90	88	76	75	87	89	84	77	82	89.4
	Minimum	70	72	75	69	72	75	73	75	74	73	68	65	67	70	73	74	74	75	71	63	61	64	67	64	64	64	63	63	65	55	51	68.0
Subiaco	Maximum	90	93	93	92	92	93	92	102	102	96	93	94	94	97	103	99	103	96	91	95	89	93	91	84	81	72	83	88	81	80	84	91.5
	Minimum	67	68	74	68	71	73	72	72	74	71	65	67	69	73	75	79	76	77	68	62	58	58	58	59	62	64	64	66	69	54	55	67.4
Texarkana	Maximum	91	92	95	93	92	97	100	98	99	98	88	91	93	95	96	95	97	99	91	91	88	89	92	89	80	74	81	86	82	80	82	90.8
	Minimum	70	72	74	71	76	77	75	74	74	73	73	70	72	76	76	76	76	70	70	70	65	65	70	72	71	67	68	70	70	64	61	71.2
Turnpike	Maximum	85	85	86	85	85	89	85	95	90	89	81	79	82	83	88	90	91	86	82	82	83	86	82	82	70	64	79	82	79	72	77	83.0
	Minimum	70	70	64	63	71	71	67	71	73	63	63	65	65	69	71	72	71	70	66	65	61	63	65	63	59	59	69	63	61	49	56	65.4
Waldron	Maximum	93	96	98	96	95	99	97	102	102	97	97	95	99	102	102	103	104	103	97	97	94	94	94	93	82	72	87	89	85	82	88	94.6
	Minimum	64	65	71	69	71	71	71	70	68	71	60	65	68	72	75	73	72	71	69	56	53	55	60	72	66	65	64	65	68	52	51	65.9
Warren	Maximum	93	94	94	90	90	92	97	97	96	95	90	92	94	96	96	97	93	89	90	91	88	92	92	90	85	78	87	90	88	81	85	91.0
	Minimum	70	71	76	68	68	77	76	76	77	75	67	67	73	77	77	76	75	65	67	66	61	63	65	69	70	70	68	67	70	58	53	69.5
White Rock	Maximum	86	88	88	89	87	92	86	94	96	87	86	85	87	92	94	95	97	95	92	94	89	92	90	84	74	64	79	83	74	77	82	87.0
	Minimum	66	67	71	63	70	68	67	71	71	63	65	65	64	67	70	71	70	71	68	68	63	63	66	64	59	57	57	63	57	50	55	64.8
Wilson	Maximum	93	93	92	91	95	88	89	95	99	87	84	85	83	86	96	97	96	91	88	84	85	89	87	83	84	82	81	88	78	84	84	88.3
	Minimum	68	66	70	70	70	65	65	67	71	66	64	61	63	63	70	72	71	70	65	57	56	58	63	63	61	63	53	60	63	47	43	63.4
Wynne ..../	Maximum	90	93	92	94	97	92	92	99	100	98	92	98	....	....	....	98	98	97	....	....	....	90	89	....	....	....	....	90	89	85	83	93.1
	Minimum	70	70	74	72	69	72	76	74	76	70	64	67	....	....	....	67	75	76	....	....	....	58	68	....	....	....	....	62	66	52	49	68.0

Daily River Stages for August, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Van Buren	do	22	3.8	4.2	4.2	4.4	4.3	4.3	4.2	3.9	4.5	4.3	4.3	4.2	4.2	3.6	3.4	3.8	3.9	3.9	4.0	4.0	3.4	3.1	3.6	3.8	3.7	3.7	3.9	3.6	5.4	6.4	5.7
Danville	Petit Jeau	20	3.4	3.2	3.0	3.0	4.3	3.2	3.0	2.9	2.9	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Ozark	Arkansas	22	-0.6	-0.8	-0.6	-0.6	-0.7	-0.8	-0.7	-0.7	-0.8	-0.7	-0.6	-0.6	-0.8	-0.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-0.9	-0.9	-1.0	-1.0	-1.0	0.8	1.3	1.8
Dardanelle	do.	22	2.0	1.7	1.5	1.9	1.9	1.8	1.7	1.6	1.6	1.4	1.7	1.6	1.6	1.6	1.4	1.2	1.0	1.1	1.2	1.2	1.2	1.2	1.0	0.8	0.9	1.1	1.1	1.1	1.2	1.0	2.3
Morrilton	do.	20	7.5	6.0	6.8	6.6	6.8	6.9	6.8	6.6	6.6	6.5	6.4	6.4	6.4	6.4	6.1	6.4	5.9	5.9	6.2	6.2	6.2	6.1	5.9	5.9	5.8	7.0	6.1	6.1	6.0	6.0	6.0
Little Rock	do.	23	2.3	1.9	1.5	1.3	1.1	1.5	1.5	1.3	1.2	1.1	1.0	0.9	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.7	0.8	0.8	0.7	0.7	0.6	0.5	0.5	0.7	0.7	0.6	0.6
Pine Bluff	do.	25	3.6	3.2	2.8	2.4	2.1	1.9	2.2	2.2	2.0	1.9	1.8	1.7	1.6	1.7	1.7	1.6	1.5	1.5	1.4	1.2	1.2	1.3	1.4	1.3	1.4	1.2	1.0	1.0	1.2	1.2	1.1
Gilbert	Buffalo	30	4.2	4.0	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
Black Rock	Black	14	4.0	3.7	3.6	4.9	3.9	4.0	5.7	4.9	4.0	3.9	3.9	3.7	3.5	3.3	5.5	8.5	8.5	10.4	11.8	12.3	11.9	10.7	8.7	6.9	5.8	5.2	4.8	4.4	4.2	4.0	3.8
Forsyth, Mo.	White	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cotter	do	21	2.7	2.0	2.0	3.1	2.4	2.0	2.0	1.8	1.6	1.8	1.7	1.7	1.7	1.7	1.4	1.4	1.5	1.5	1.6	1.6	1.8	1.7	1.7	1.4	1.4	1.4	1.4	1.0	1.1	1.2	1.2
Calico Rock	do	18	3.3	2.7	2.4	2.4	2.3	2.5	2.2	2.5	2.4	2.2	2.1	1.3	2.4	2.1	2.1	2.3	2.2	1.9	1.5	2.4	2.4	2.4	2.1	2.0	1.8	1.1	2.2	2.1	2.0	2.1	2.0
Batesville	do	23	9.2	8.2	7.7	7.5	7.2	7.2	7.3	7.0	7.2	7.0	6.8	6.7	5.9	6.8	6.6	6.5	6.6	6.6	6.5	6.0	6.6	6.6	7.1	6.6	6.5	6.3	5.3	6.5	7.0	6.8	6.4
Newport	do	26	6.5	5.5	4.5	4.2	4.1	3.5	3.6	4.1	4.0	4.0	3.6	3.3	2.8	2.5	2.9	3.1	4.3	4.9	5.5	6.0	6.4	6.8	6.8	6.2	5.3	4.4	3.7	3.1	3.3	3.1	3.0
Augusta	do.	32	17.6	18.0	17.2	16.5	16.1	16.0	15.4	15.4	15.8	15.7	15.6	15.2	15.0	14.4	14.3	14.4	14.9	16.0	16.7	17.5	17.9	18.5	18.9	18.8	18.2	17.4	16.5	15.5	15.0	14.9	14.7
Sugar Loaf Mt.	Little Red.	..	3.1	3.2	3.3	3.5	3.3	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
Georgetown	White	21	6.7	7.5	7.5	6.9	6.4	6.2	5.8	5.5	5.5	5.7	5.6	5.4	5.1	4.9	4.5	4.5	4.5	5.1	5.8	6.5	7.1	7.5	8.0	8.2	8.1	7.5	6.8	6.1	5.3	5.0	4.7
Des Arc	do	24	8.6	9.3	9.8	9.7	9.0	8.6	8.4	8.0	7.8	7.8	7.8	7.5	7.4	7.2	6.8	6.6	6.5	6.7	7.3	8.0	8.7	9.1	9.9	10.0	10.2	9.8	9.5	8.8	8.0	7.4	7.0
Clarendon	do	26	12.9	13.1	13.6	13.9	13.8	13.5	13.2	13.0	12.6	12.3	12.2	12.1	12.0	11.8	11.6	11.3	11.0	10.9	11.1	11.6	12.1	12.7	13.2	13.7	14.1	14.3	14.1	13.7	13.2	12.5	11.9
St. Charles	do	25	12.5	12.6	12.6	13.0	13.3	13.1	12.9	12.8	12.5	12.0	11.9	11.9	11.7	11.7	11.4	11.2	11.0	10.9	10.7	10.9	11.4	11.9	12.4	12.8	14.2	13.4	13.6	13.4	13.0	12.5	11.9
Glenwood	Caddo	..	4.7	4.6	4.6	5.8	5.0	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.7	4.6	4.5	4.4	4.4	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Arkadelphia	Ouachita	17	4.5	4.6	5.2	4.5	5.1	4.8	5.6	5.9	6.3	6.2	4.8	4.1	4.2	5.7	5.9	5.7	6.2	4.3	4.1	3.9	4.4	3.6	3.5	3.6	3.6	3.8	3.5	3.7	3.6	3.6	3.6
Boughton	Little Mo.	20	4.5	4.4	4.4	4.4	5.3	5.0	5.0	4.9	4.8	4.8	4.7	4.7	4.6	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.0	4.1	4.2	4.1	4.1	4.0	4.0
Camden	Ouachita	26	6.0	6.0	5.7	5.7	6.2	6.4	7.0	7.1	7.0	6.9	6.9	5.7	4.6	4.9	5.0	5.6	5.9	5.9	6.1	5.3	4.8	4.8	4.9	4.5	4.3	4.4	4.5	4.5	4.3	4.4	4.3
Benton	Saline	20	5.2	4.8	4.6	4.4	4.2	4.3	4.5	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.5	3.4	3.4	3.5	4.0	4.0	3.8	3.8	3.8	3.7	3.5	3.5	3.5	3.5	3.5	3.5
Index	Red	25	7.1	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.0	6.0	6.6	6.6	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4	12.4	10.6
Fulton	do	25	7.0	6.9	6.6	6.5	6.7	6.7	6.7	6.7	6.8	6.6	6.5	6.6	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.7	6.7	6.7	6.7	6.4	6.1	6.0	6.6	6.6	9.6	12.5	11.2
St. Francis	do	18	5.7	5.5	4.6	3.7	3.3	3.4	5.2	6.5	6.4	6.6	4.8	4.1	4.7	7.1	8.5	8.7	8.8	8.7	8.6	8.5	8.3	8.0	7.7	6.9	5.5	4.4	3.6	3.5	5.3	6.1	5.8
St. Francis L.L.	do	..	18.4	18.3	18.3	18.5	18.5	18.5	18.4	18.5	18.5	18.6	19.0	19.0	18.9	18.9	18.9	18.8	18.7	18.7	18.7	18.5	18.4	18.2	18.1	17.9	17.8	17.7	17.6	17.5	17.4	17.3	17.0
Marked Tree	do	17	6.0	6.0	6.0	6.3	6.3	6.2	6.2	6.2	6.2	6.3	5.9	6.3	6.5	6.6	6.6	6.6	6.5	6.4	6.4	6.4	6.3	6.0	5.9	5.9	5.8	5.6	5.5	5.3	5.2	5.2	5.2
Parkin	do	28	6.0	6.0	6.0	6.5	6.7	6.5	6.3	6.2	6.1	6.4	6.9	6.5	6.3	6.5	6.5	6.3	6.3	6.3	6.3	6.3	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.4	5.2
Madison	do	32	4.2	4.2	4.0	4.2	4.9	4.9	4.9	4.6	4.3	4.5	4.7	5.1	4.7	4.5	4.3	4.6	4.6	4.6	4.1	4.3	4.2	4.1	4.6	4.6	4.6	4.3	3.8	3.6	3.4	3.3	3.3
Helena	Mississippi	44	11.2	10.8	10.4	10.4	10.5	10.2	10.0	9.9	10.4	11.3	11.9	11.6	11.1	10.7	10.1	9.7	9.4	9.1	9.6	12.5	17.0	19.8	20.6	20.7	20.4	19.4	17.9	16.0	14.4	12.8	11.2
Arkansas City	do	42	11.3	10.6	10.1	9.7	9.5	9.4	9.0	8.9	8.8	9.1	9.8	10.2	10.1	9.8	9.3	8.7	8.1	7.7	7.4	7.8	10.1	13.8	16.2	17.2	17.5	17.3	16.7	15.7	14.4	12.9	11.6

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas—10-18-1946—1100

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. LI Little Rock, Ark., September, 1946 No. 9

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The western end of an elongated "HIGH" lay over Arkansas on the first day of the month, and the leading edge (Cold Front) of a cool mass of air was approaching from the north. This "Cold Front" became stationary over Arkansas on the 2d and 3d, causing widely scattered showers and fog banks.

A storm area (LOW) located over the Central Rockies, along with a HIGH over the northeast, began to influence Arkansas weather on the 3d, and continued until about the 10th. This caused a southerly flow of air, but comparatively dry (as far as rain was concerned), over the State.

A new cool dry mass of air from the north began to move in late the 10th, and kept most of the station's temperatures below 90° till the 15th.

Moist tropical air began to climb over the cooler air covering Arkansas on the 15th, causing fairly general light rains and slightly cooler weather. About the 19th, a series of "LOWS", developing over the Rockies, began to cause a series of rapid weather changes in the State, with alternate cool masses of air from the north and warm air from the south until the 23d.

From fhe 23d till the 29th, there was a fair amount of mixing of cool and warm masses of air, but did not result in general rains until the 27th, which continued to the 29th.

The 29th saw a movement of cold air from the northeast, which overspread the State by the 30th, giving the lowest temperature of the month, 33° at Lead Hill.

The month's weather in general was not favorable for agriculture. Cotton was retarded by lack of sunshine, while most other crops were hurt by lack of rain; even leaves turned to fall-colors prematurely.

TEMPERATURE

The average temperature for the State, was 72.4°, or 1.9° below the normal. The highest temperature of the month was 100° at Searcy on the 10th. Practically all the stations reported maximum temperatures in the 95° to 99° range.

The lowest temperature of the month was 33° and occurred at Lead Hill on the 30th. In spite of this low temperature, no frost damage was reported.

PRECIPITATION

The month's precipitation was 1.86 inches below the normal with an average of only 1.48 inches over the State. The rain was rather spotty and even adjacent stations showed a large range in amounts received. Only a very small area, in the vicinity of Brinkly, Georgetown, Augusta, and Bradford, reported a near normal fall of rain for September. Hail was reported by one station: Camp Robinson on the 15th. J.C.H.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms: 1-2, 4-6, 9-11, 15-16, 21-23, 27-29.

High Winds: 1, 10, 22-23, 30.

Heavy Fog: 1-3, 9, 11, 16-17, 19-22, 24-26, 30.

Hail: 15.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.33	30	29.54	22	7.2	31	s.	7	86	49	50	54	6
Little Rock	30.34	30	29.66	22	6.4	23	n.	15	89	57	63	48	5
Memphis . .	30.27	30	29.72	22	5.9	18	s.	22	89	56	63	51	5

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	73.4	102	40	0.94	0	2	22	6	2
1892	70.8	96	32	2.14	0	3	23	4	3
1893	74.0	103	36	3.75	0	5	19	5	6
1894	73.1	100	38	3.56	0	6	14	8	8
1895	77.1	105	32	1.36	0	4	19	7	4
1896	73.3	106	35	3.25	0	10	11	9	10
1897	76.6	108	33	0.60	0	2	21	7	2
1898	75.2	104	40	7.35	0	8	15	6	9
1899	71.9	109	28	1.21	0	3	20	7	3
1900	78.0	104	48	4.25	0	7	12	12	6
1901	68.4	101	32	3.08	0	4	18	8	4
1902	70.7	99	30	5.06	0	8	15	8	7
1903	75.4	102	34	2.47	0	5	18	7	5
1904	74.2	101	37	2.46	0	5	15	9	6
1905	75.7	100	44	3.90	0	8	16	7	7
1906	73.9	100	47	6.24	0	10	11	9	10
1907	73.4	106	38	2.22	0	4	19	8	3
1908	74.7	101	29	4 00	0	7	13	8	9
1909	76.4	108	31	2 84	0	5	18	7	5
1910	79.0	101	44	2.41	0	5	18	8	4
1911	78.5	102	46	3.67	0	6	18	9	3
1912	71.7	106	32	2.40	0	4	18	8	4
1913	74.4	108	33	10.10	0	13	9	9	12
1914	74.9	101	38	3.19	0	5	16	9	5
1915	72.5	100	34	1.43	0	3	16	8	6
1916	71.8	102	30	3.40	0	6	19	6	5
1917	67.3	99	37	1.76	0	4	18	7	5
1918	74.6	104	29	4.63	0	7	16	5	9
1919	74.9	108	40	2.72	0	4	15	8	7
1920	79.6	100	30	3.56	0	6	17	6	7
1921	76.2	104	35	3.38	0	6	14	9	7
1922	73 0	106	37	1.25	0	3	22	5	3
1923	69.7	98	45	5.56	0	9	12	7	11
1924	80.5	103	29	3.99	0	7	17	5	8
1925	76.8	113	47	5.96	0	7	16	7	7
1926	75.9	101	40	3.99	0	7	14	8	8
1927	70.5	105	32	3.37	0	6	16	8	6
1928	73.4	101	32	0.45	0	1	22	5	3
1929	75 7	102	41	2.46	0	5	15	8	7
1930	78.4	106	35	4.10	0	8	15	8	7
1931	73.8	102	34	1.00	0	3	22	7	1
1932	78.5	103	35	2 54	0	6	12	10	8
1933	71.3	102	41	5.10	0	8	15	8	7
1934	72.4	100	37	5.46	0	8	15	7	8
1935	78.9	103	35	3.13	0	5	18	5	7
1936	72.7	109	38	4.15	0	7	12	10	8
1937	75.7	102	34	4.27	0	7	16	8	6
1938	79.9	107	32	1.55	0	4	17	10	3
1939	71.2	112	35	1.77	0	2	22	6	2
1940	75.4	100	31	1.83	0	4	17	7	6
1941	71.3	102	39	3.60	0	5	15	9	6
1942	70 4	100	28	3.52	0	7	15	8	7
1943	74.3	104	38	3.23	0	8	11	9	10
1944	73.8	103	42	1.84	0	4	17	7	6
1945	74.0	104	39	7.85	0	10	13	8	9
1946	72.4	100	33	1.48	0	6	11	11	8
Period	74.3	113	28	3.34	0	6	16	8	6

NAT.
HIST.

Climatological Data for September, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	9	72.0	......	93	5†	48	24	1.57	......	0.66	21	0	6	3	20	7	w.	L. R. Water Works
Arkadelphia	Clark	200	50	73.6	− 2.6	98	5†	52	30	1.88	−0.89	0.91	29	0	8	4	7	19	ne.	W. H. Halliburton
Arkansas City	Desha	145	61	....	......	......	......	......	......	1.64	−1.17	1.28	16	0	6	....	....	....	......	John W. Trammell
Ashdown	Little River	329	2	73.5	......	96	10	49	24	0.59	......	0.58	28–29	0	3	5	16	9	......	Southwestern G. & E.
Batesville Airway	Independence	363	10	71.3	− 1.6	97	6†	43	24	0.70	......	0.24	1	0	9	8	15	7	nw.	Airway Observer
Batesville Livestk.	Independence	500	5	70.0	......	97	7†	38	24	0.80	......	0.35	1	0	5	9	6	15	ne.	University of Arkansas
Batesville River	Independence	277	46	....	......	......	......	......	......	0.52	−3.02	0.16	1	0	7	....	....	....	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	71.7	− 2.6	96	10	41	24	0.25	−2.94	0.11	10	0	3	9	11	10	e.	Minnie Scanlan
Benton	Saline	285	10	69.5	......	96	5†	45	29	0.72	......	0.56	21–22	0	5	20	4	6	nw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	70.4	− 0.5	95	6†	40	30	2.96	−1.26	1.43	10	0	5	10	14	6	ne.	E. L. Brown
Bethesda***	Independence	500	6	69.8	......	95	5†	38	24	0.66	......	0.25	29	0	3	11	4	15	se.	Soil Cons. Service
Big Lake Outlet***	Mississippi	239	15	....	......	......	......	......	......	1.32	−1.72	0.51	21–22	0	9	10	13	7	e.	N. W. Douglas
Black Rock	Lawrence	259	44	....	......	......	......	......	......	1.24	−2.32	0.47	1	0	6	....	....	....	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	5	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	Ark. Forestry Com.
Blytheville	Mississippi	252	20	72.0	− 2.2	93	10	45	30	1.83	−1.29	0.85	22–23	0	7	13	9	8	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	31	74.5	− 1.3	99	5†	44	24	1.34	−1.98	0.35	21	0	9	7	17	6	e.	F. H. Randolph
Boughton***	Clark	235	10	....	......	......	......	......	......	2.54	......	1.07	15	0	5	....	....	....	......	Katie B. Moore
Brinkley	Monroe	205	54	71.4	− 3.4	97	10	42	30	4.06	+0.08	2.07	28–29	0	8	4	9	17	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	41	....	......	......	......	......	......	1.70	−1.69	0.69	1–2	0	9	....	....	....	......	William Jones
Camden	Ouachita	116	60	74.0	− 1.6	99	6†	51	14	0.27	−2.82	0.10	15	0	6	11	17	2	se.	J. M. Knight
Camp Chaffee	Sebastian	419	2	[a]74.8	......	[a]99	6	[a]45	24	1.42	......	0.55	22	0	8	7	16	7	ne.	U. S. Army
Camp Robinson	Pulaski	463	5	72.2	......	97	10	48	30	1.48	......	1.15	15–16	0	7	4	15	11	ne.	U. S. Army
Clarendon	Monroe	172	41	....	......	......	......	......	......	1.84	−1.43	0.83	27	0	7	....	....	....	......	B. F. Northern
Conway	Faulkner	309	62	72.8	− 2.7	98	5†	45	30	0.33	−3.02	0.24	21	0	4	9	16	5	se.	G. Y. Short
Corning	Clay	293	52	71.6	− 1.0	95	6†	42	24	1.18	−2.30	0.71	29	0	5	18	3	9	w.	Mrs. Laura Polk
Cotter	Baxter	440	18	....	......	......	......	......	......	1.26	−1.83	0.73	1	0	3	....	....	....	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	33	73.6	− 2.0	95	9†	52	12	1.27	−1.12	0.76	21–22	0	3	12	6	12	s.	U. S. Forest Service
Cummins Farm***	Lincoln	176	2	72.8	......	96	10	52	30	1.24	......	0.85	20–21	0	4	17	4	9	n.	T. C. Cogbill
Danville	Yell	327	29	....	......	......	......	......	......	0.81	−2.46	0.19	22	0	7	....	....	....	......	J. A. Moudy
Dardanelle	Yell	330	59	74.2	− 1.2	96	5†	45	24	1.05	−2.26	0.46	10	0	8	5	16	9	e.	Geo. N. Goodier
DeQueen	Sevier	426	10	73.3	......	95	10	47	24	1.85	......	0.93	10	0	5	6	20	4	......	L. D. McCowan
Des Arc	Prairie	204	7	72.3	......	96	10	47	30	3.00	......	1.24	28	0	5	5	2	23	n.	Z. R. Glenn
Devils Knob***	Johnson	2350	9	[g]69.2	......	[g]85	6	[f]42	30	2.21	......	1.10	2	0	4	20	5	5	se.	U. S. Forest Service
Dumas	Desha	162	40	74.0	− 2.1	97	10	52	30	0.93	−2.04	0.48	22	0	7	6	13	11	n.	Ben Johnson
El Dorado	Union	270	45	73.6	− 3.5	96	10	55	12	0.36	−2.53	0.33	27	0	2	14	6	10	n.	Airway Observer
England	Lonoke	229	39	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	45	71.6	− 0.6	96	6	43	30	1.43	−3.08	0.85	22–23	0	3	22	8	0	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	72.0	......	96	5†	41	24	1.32	......	0.62	10	0	5	6	17	7	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	58	70.2	− 1.9	94	6	38	24	1.51	−2.40	0.81	10	0	6	11	18	1	ne.	University of Arkansas
Fordyce	Dallas	280	5	....	......	......	......	......	......	0.20	−3.74	0.11	15	0	3	....	....	....	......	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	74.6	+ 0.6	98	5	46	24	1.57	−1.42	0.68	22	0	9	5	15	10	ne.	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	8	....	......	......	......	......	......	1.58	......	0.75	22–23	0	6	22	6	2	......	Ft. Smith Water Dept
Fulton	Hempstead	260	60	....	......	......	......	......	......	1.42	−1.07	0.84	28–29	0	5	....	....	....	......	Ina J. Logan
Garland	Miller	225	3	....	......	......	......	......	......	0.86	......	0.46	27–28	0	3	....	....	....	......	L. D. Denney
Georgetown, 2 mi, se	White	200	33	....	......	......	......	......	......	3.26	−0.18	1.50	15	0	7	....	....	....	......	J. S. McDonald
Gilbert	Searcy	600	20	69.0	......	95	1	39	25†	2.15	−1.42	1.55	1	0	7	8	15	7	ne.	D. O. Dennis
Glenwood	Pike	547	10	....	......	......	......	......	......	3.29	......	2.75	21	0	7	....	....	....	......	C. A. Price
Grannis	Polk	950	26	72.9	− 1.1	96	10	44	30	2.33	−1.91	0.92	20	0	6	8	13	9	s.	W. E. McVay
Gravette	Benton	1250	48	71.0	− 0.2	95	5†	41	30	2.54	−1.69	1.18	10	0	4	11	12	7	sw.	J. A. Schmidt
Green Mountain***	Stone	1100	8	71.5	......	96	7	44	13†	1.10	......	0.70	2	0	3	13	12	5	s.	U. S. Forest Service
Harrison	Boone	1052	45	69.9	− 0.8	95	7†	36	24†	0.12	−3.84	0.06	20	0	4	....	....	....	......	R. C. Beene
Helena	Phillips	300	73	72.7	− 2.6	93	7†	50	30	1.55	−1.73	0.56	27	0	10	7	8	15	ne.	James A. Burnett
Hope 3 miles e	Hempstead	375	75	74.0	− 2.1	97	4†	54	30	0.75	−2.31	0.18	27	0	8	5	13	12	ne.	Univ. of Arkansas
Hot Springs	Garland	600	53	74.2	− 1.6	95	7†	49	30	2.62	−0.75	1.26	21	0	6	9	14	7	s.	National Park Service
Index***	Little River	275	28	....	......	......	......	......	......	1.10	−1.37	0.50	10	0	3	....	....	....	......	W. E. McDowell
Jessieville	Garland	750	19	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	U. S. Forest Service
Jonesboro	Craighead	345	50	71.5	− 2.9	95	10	46	30	3.18	−0.18	1.44	21–22	0	10	12	7	11	ne.	Benedictine Sisters
Lead Hill	Boone	650	39	69.4	− 2.6	97	1	33	30	1.36	−2.15	0.76	1	0	4	21	4	5	s.	F. W. Kellogg
Little Rock[a]	Pulaski	257	66	72.5	− 1.6	97	10	51	30	0.83	−2.34	0.59	21–22	0	5	6	7	17	e.	U. S. Weather Bureau
Lutherville, 2 mi. e.***	Johnson	775	47	73.2	− 0.9	94	5†	46	30	1.26	−2.84	0.50	23	0	6	14	12	4	e.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	75.4	− 2.3	98	10	54	30	1.70	−0.40	1.29	27	0	4	6	14	10	nw	State Agri. School
Mammoth Spring	Fulton	600	41	68.6	− 3.1	93	10	39	23†	1.47	−2.05	0.94	1	0	3	17	12	1	n.	L. A. O'Neal
Marianna	Lee	235	34	72.8	− 1.4	96	10	49	30	1.54	−1.20	1.07	21–22	0	6	5	13	12	e.	Univ. of Arkansas
Marked Tree	Poinsett	229	41	71.0	− 2.4	95	11	45	30	2.30	−0.66	1.26	28–29	0	9	12	8	10	nw.	Chas. Walton
Marshall	Searcy	1050	27	70.8	......	93	1†	36	30	1.25	−2.78	0.20	23	0	5	17	7	6	s.	Mrs. Minnie Horton
Mena	Polk	1207	57	72.5	− 1.8	95	6†	45	24	1.82	−2.04	0.80	21	0	8	4	15	11	sw.	E. W. St. John
Monticello	Drew	273	5	74.6	......	96	10	53	30	0.93	......	0.89	21–22	0	4	4	19	7	e.	Airway Observer
Morrilton***	Conway	315	29	71.8	− 3.3	96	9	47	24	0.16	−2.67	0.16	3	0	1	14	5	11	se.	L. A. Dicus
Mountainburg	Crawford	712	8	....	......	......	......	......	......	1.44	......	0.62	27–28	0	5	6	19	5	s.	C. A Lovell
Monutain Home***	Baxter	800	33	69.5	− 2.3	95	10	36	24	0.70	−3.05	0.30	1	0	5	12	8	10	w.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	71.2	− 1.9	98	10	40	24†	2.55	−0.92	1.95	29	0	6	10	13	7	w.	J. S. Whittington
Mulberry 6 mi. n***	Franklin	433	7	....	......	......	......	......	......	1.08	......	0.56	22	0	6	....	....	....	......	H. G. Arvin
Nashville	Howard	350	7	74.5	......	99	10	51	24	1.48	......	0.43	27–28	0	6	9	11	10	ne.	Brice Carruth
Newport	Jackson	231	62	73.4	− 0.9	99	10	48	24†	2.99	−0.43	0.90	15	0	7	7	5	18	s.	Willis T. Moyer
Nimrod Dam	Perry	475	4	72.6	......	97	7	47	30	0.96	......	0.55	10	0	5	8	9	13	se.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	18	74.2	......	95	1†	51	30	1.05	−1.90	0.52	22–23	0	5	5	13	12	nw.	U. S. Forest Service
Okay	Howard	288	17	74.4	− 2.5	97	10	51	23	1.93	−0.89	0.42	6†	0	9	11	13	6	ne.	J. T. Hargis
Osceola	Mississippi	250	45	....	......	......	......	......	......	0.81	−2.00	0.46	15	0	3	....	....	....	......	C. E. Carter
Ozark	Franklin	396	56	74.8	− 0.8	96	10	45	25	0.35	−3.05	0.10	22	0	5	7	10	13	se.	Orkney O. Milton
Paragould	Greene	275	22	73.2	......	96	9	42	30	1.65	−0.84	1.60	28	0	2	12	9	9	ne.	Jene J. Coffman
Parkin, 2mi. w	Cross	222	15	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	Carroll King
Perryville	Perry	325	6	71.2	− 1.8	98	10	42	24†	0.42	−3.08	0.25	20	0	6	15	11	4	ne.	Gordon Bennett
Pine Bluff	Jefferson	215	58	75.4	− 1.1	99	9	52	30	1.01	−2.36	0.49	21–22	0	6	8	13	9	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	21	....	......	......	......	......	......	1.16	−1.84	0.51	21	0	6	9	12	9	sw.	J. R. Huddleston
Pocahontas	Randolph	300	52	71.8	− 1.6	97	10	44	24	0.99	−2.35	0.45	22–23	0	7	15	4	11	ne.	Benedictine Sisters
Portland	Ashley	122	39	74.8	− 1.3	95	3†	54	30	1.16	−1.44	0.65	22	0	3	4	14	12	n.	Mrs. Pearl Newton
Prescott	Nevada	318	57	75.1	− 1.4	99	10	54	30	1.54	−1.38	0.60	10	0	9	10	5	15	ne.	R. P. Hamby
Rogers	Benton	1300	55	70.8	− 0.4	95	5†	41	24	2.60	−1.48	1.01	23	0	6	11	14	5	sw.	Howard Fowler
Russellville	Pope	526	33	72.8	− 1.3	95	5†	43	24†	0.64	−3.11	0.16	10	0	6	8	14	8	e.	U. S. Forest Service
St. Charles	Arkansas	175	12	74.2	......	98	10	50	30	1.26	......	0.41	15	0	6	3	22	5	se.	U. S. Biological Survey
St. Francis	Clay	290	18	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	Wm. S. Buckley
Searcy	White	245	35	72.8	− 1.7	100	10	48	24	1.85	−1.08	1.14	2–3	0	8	12	4	14	e.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	5	71.2	......	97	10	47	30	2.77	......	1.96	29	0	10	3	18	9	se.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	70.8	......	95	6	40	24	2.28	......	0.92	22	0	6	6	22	2	s.	John Brown Univ.
Story	Montgomery	650	21	....	......	......	......	......	......	1.58	−1.19	0.65	27–28	0	4	13	9	8	ne.	S. C. Story
Stuttgart	Arkansas	214	58	73.8	− 1.3	96	10	50	30	1.01	−2.08	0.42	28	0	5	15	7	8	n.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	10	73.3	......	95	11	50	30	1.26	......	0.40	28	0	8	15	12	3	......	University of Ark.
Subiaco	Logan	750	47	72.1	− 3.4	93	7	45	24	2.64	−0.75	1.30	2	0	7	9	14	7	s.	New Subiaco Abbey
Texarkana	Miller	332	61	74.5	− 2.3	95	10	52	30	0.89	−1.78	0.41	28	0	3	5	9	16	ne.	U. S. Weather Bureau

Climatological Data for September, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike***	Pope	2240	21	70.0	....	95	26	42	30	1.56	−3.30	0.66	28-29	0	10	8	10	12	se.	U.S. Forest Service
Waldron	Scott	675	26	72.8	....	98	5	43	24	2.75	−0.41	1.80	21	0	5	6	21	3	se.	William D Bivens
Warren	Bradley	206	51	74.8	− 1.4	98	10	54	30	0.52	−2.86	0.42	22	0	2	14	11	5	ne.	C. N Turner
Whitecliffs	Little River	290	39	....	....	....	....	....	....	1.12	−1.39	0.37	8	0	6	....	....	....	....	L. M. Snead
White Rock***	Franklin	2285	9	69.9	....	93	6	43	30	2.33	....	1.43	23	0	6	11	13	6	se.	U. S. Forest Service
Wilson	Mississippi	237	20	70.8	− 2.8	97	3	42	30	1.39	−1.21	0.50	21-22	0	4	11	0	19	s.	D. O. Anderson
Wynne	Cross	167	37	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	Guy B. Upton
State Means	....	....	..	72.4	− 1.9	100	1	33	30	1.48	−1.86	3.04	21-22	0	6	11	11	8	ne.	

Daily Precipitation for September, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas			.47							.06							T.	.02		.08	.06	.12	.08					.42	.15			1.46
Alum Fork Reser.	Arkansas		.35								.41	T.					T.	.08	.03		.04	.66	T.	T.									1.57
Aplin[2]	Arkansas							.40			.17						.07	.05	T.		T.	.06	.05	.19					T.				0.99
Arkadelphia[2]	Ouachita							.16				.14					.22	T.	T.				.02	.30	.10				.03	.91			1.88
Arkansas City[2]	Mississippi																1.28	.05			T.	T.	.03	.12					.04	.12			1.64
Ashdown[2]	Red											T.											.01						.25	.33	T.		0.59
Augusta[2]	White			1.14								.06					.91	.03			T.	T.	.50						1.30	.37	T.		4.31
Batesville Air'y[3]	White	.24														.15	.03				.04	.03	.07					.07	.01	.06			0.70
Batesville Livestk[2]	White		.35													.21		.07					T.							*	.17		0.80
Batesville River[2]	White		.16														.11	.03					.06						.08	.03	.05		0.52
Beaty Lake	St. Francis			.08												.15	.07	T.					.68		.20				1.56	.16			2.90
Beaver[2]	White										.33										.36			.78						.04			1.51
Bee Branch	Arkansas		T.	T.							.11							T.				.10							.04				0.25
Beech Grove[2]	White																				T.	.02	.19	.03						.15	.25		0.64
Beedeville[2]	White																.65	T.		T.	T.		.65	T.				T.	1.20	.54	T.		3.04
Benton[2]	Saline																.04	.06					.48	.08						.06			0.72
Bentonville[2]	Arkansas		.08					.18			1.43										.37		.90										2.96
Bethesda[2]	White		.21														.20							T.					T.	.25			0.66
Big Flat[2]	White		.44																		.08	.07							.42	.10	T.		1.11
Big Lake Outlet[2]	St. Francis		T.	.05								T.					.24	.05			T.	.02	.43	.08					.04	.37	.04		1.32
Black Rock[2]	White		.47	.15													.05						.10	.15						.32	T.		1.24
Bluff City	Ouachita																																....
Blytheville[2]	St Francis			.05								.34				.28	.15						.82	.03						.16			1.83
Booneville 3 mi. w	Arkansas			.06				.03			.09							.07			.11	.35		.31					.31	.01			1.34
Booneville[2]	Arkansas																																....
Boughton[2]	Ouachita										.52						1.07							.15					.20	.60			2.54
Bradford[2]	White										.11						.78	.05					3.04	.06					.51				4.55
Brinkley[3]	White		T.													1.00	T.	T.				.20	.04	.33	.02			.34	1.45	.68			4.06
Burdette	Mississippi															.25	.71						.54							.23			1.73
Calico Rock[2]	White		.69								T.						.02	.03	T.		.01	.10	T.	.18					.07	.55	.05		1.70
Camden[2]	Ouachita											.04				.10			.01						.03				.08	.01			0.27
Camp Chaffee[2]	Arkansas			.01					.10		.14							.03			.16		T.	.55					.42	.01			1.42
Camp Robinson[1]	Arkansas		.02													.70	.45	.06			T.	.21	.02						.02	T.			1.48
Carlisle[2]	Arkansas																																....
Clarendon[2]	White																.21	.02					.60	.03	.06				.83	.09			1.84
Cold Springs[2]	Ouachita			.07								.05					T.	.12				.09	.50	.75					.09		.04		1.71
Conway	Arkansas		T.													T.	T.	T.			T.	.24	.02	.02					.05	T.			0.33
Corning[2]	White		.17	.02													.09							.19						.71			1.18
Cotter[2]	White		.73								T.										.14			.39						T.			1.26
Crossett	Ouachita																		T.			.50	.26						T.	.51			1.27
Crystal Valley[2]	Arkansas																.09					.30											0.39
Cummins Farm	Arkansas															T.	.09					.60	.25		.30								1.24
Danville[2]	Arkansas			.14								.10						.05				.13	.17	.19					.03				0.81
Dardanelle[2]	Arkansas			.05								.46						.03				.06	.14	.15					.12	.04			1.05
De Queen	Red										.93					.22						.20						.41	.09				1.85
Dermott[2]	Mississippi																T.	T.					.05	.39					.03	T.			0.47
Des Arc[2]	White			T.	.19												.89	T.					.48	T.	T.				.20	1.24	T.		3.00
Devils Knob	Arkansas	T.	1.10	T.							.10											T.		.83					T.	.18			2.21
Dumas	Mississippi			T.												.10	.07	T.	.02			.12	.48		.10					.04			0.93
Eagle Gap[2]	Arkansas				.28						.07	.33			T.		.01						.40	.12					.35	.09			1.65
El Dorado	Ouachita																						.03					.33					0.36
Eleven Point[2]	White		.34													T.	T.	T.		T.	.07	T.	T.	.20				T.	.62	T.			1.23
England	Arkansas																																....
Eureka Springs	White										.33										.25			.85									1.43
Evening Shade[2]	White		.40	T.							T.						.37				T.			.20					T.	.01			0.98
Fayetteville	White	T.	.04					T.			.62							T.			.16	T.		.47					.03	T.			1.32
Fayetteville Exp. S	White	T.	.04	T.				.04			.81							T.			.21			.39					.02				1.51
Fordyce	Arkansas															.11						T.	.05					.04					0.20
Forester[2]	Arkansas			T.		T.					T.	.35				T.	T.	T.			T.		.27	.31					.34	T.			1.27
Fort Smith[1]	Arkansas		T.					.25			.14							.02		T.	.16	.02	.54	.14				.08	.22	T.			1.57
Fort Smith W.[2]	Arkansas			.38	.06						.16										.08			.75					.15				1.58
Fulton[2]	Red											.30								T.		.03	T.	T.				.11	.14	.84			1.42
Garland[2]	Red																.20											T.	.46	.20			0.86
Georgetown[2]	White			.23													1.50	.03					.27	.01					.56	.66			3.26
Gilbert[2]	White		1.55	.05												T.		.02	T.		.13	T.		.20					.14	.06			2.15
Glenwood[2]	Ouachita											.06					.09	.02					2.75	.22					.09	.06			3.29
Grannis[2]	Red						.03	T.			T.				T.	T.		T.	T.	T.	T.	.92	.23				.01	.73	.41	T.			2.33
Gravelly[2]	Arkansas			.06							T.	.58			T.		.27	.17	.05		T.	.07	.30	.30					T.	.03			1.83
Gravette	Arkansas		.31								1.18										.32			.73									2.54
Green Forest	White																				.30		.38										0.68
Green Mountain	White			.70												.04	T.													.36			1.10
Greenwood[2]	Arkansas							.96			.35		.95			.11							.50	T.				T.	.29				3.16
Harrison	White			.03																	.06								.01	.02			0.12
Helena[2]	Mississippi				.04											.02	.06	.07					.52	.03	.15				.56	.08	.02		1.55
Henderson[2]	White																																....
Hope[2]	Red											.13				T.	T.		T.			.09	.01	.11	.03			.18	.10	.10			0.75
Hot Springs	Ouachita				T.			T.			.10					1.13	T.	.07			T.	1.26	.04						T.	.02			2.62
Huttig Lock 7, Dam 6[2]	Ouachita																T.							.06					.03	1.64	.09		1.82
Index[2]	Red											.50																	.10	.50	T.		1.10

Daily Precipitation for September, 1946, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jessieville	Ouachita																																....
Jonesboro[2]	White		.14	.21	.07												.32	.01					1.44	.02					.21	.50	.26		3.18
Lake City[2]	St. Francis															.10			T.			.32						T.	T.	.52			0.94
Lead Hill	White	.76																T.			.12			.36					T.	.12			1.36
Little Rock[1]	Arkansas		T.	T.			T.									.06	.06	T.			T.	.20	.39	T.				T.	T.	.12			0.83
Lock & Dam No. 3[2]	White		.07														.13	.05	T.			.02	.02	T.					.40	.10	T.		0.79
Lost Corner																																	....
Lurton[2]	White		1.66	.19							.07						T.	.02	.02		.08		.05	.40						.25			2.74
Lutherville	Arkansas		.05	.07													.26	T.				.12		.50					.26				1.26
Madison[2]	St. Francis																																....
Magnolia	Red						T.									.24							.07					1.29	.10	T.			1.70
Mammoth Spg[2]	White		.94																			.08								.45			1.47
Marianna[2]	St. Francis																.07	T.				.71	.36		.14				.21	.05			1.54
Marked Tree[2]	St. Francis			T.	.05							.20					.16	.10					.19	.25					.02	1.26	.07		2.30
Marshall[2]	White		.87																		*	.08		.20						.10			1.25
Marvell[2]	White																.28								.25					.28			0.81
Melbourne[2]	White																	.35				.01		.05					.04	.34			0.79
Mena[2]	Ouachita							.03			.01	.07					.20	T.	T.			T.	.80	.37					.33	.01			1.82
Monticello[1]	Ouachita																T.					.70	.19	.02	.02			T.	T.				0.93
Morobay[2]	Ouachita															T.								.11					.05				0.16
Morrilton[2]	Arkansas				.16													T.				T.	T.	T.					T.				0.16
Mountainburg	Arkansas			.26							.14							T.			.16							.26	.62				1.44
Mountain Home	White	.20	.10																		.10			.20						.10			0.70
Mountain View[2]	White	T.	.14	.12														.06						.07									0.39
Mount Ida	Ouachita						.14				.10							.06				.25		.05						1.95			2.55
Mulberry[2]	Arkansas			.07							.10						T.				.10		T.	.56					.10	.15			1.08
Nashville	Red	.23					T.				.07					.31						T.	T.	T.				.23	.43	.21			1.48
Newhope[2]	Ouachita																																....
Newport[2]	White		T.	.45													.90						.60	.05					.37	.17	.45		2.99
Nimrod Dam[2]	Arkansas											.55					.17	.07				.12	.05						T.				0.96
Oark[2]	Arkansas	T.		.80							.25										T.			.25					T.	.35			1.65
Odell[2]	Arkansas			.05							.60							.06	.03		.07			.77					.20				1.78
Oden	Ouachita		T.				T.				.08				.03					T.		.27		.52						.15			1.05
Okay	Red						.42				.32	.10				.07	.02					.05						.34	.24	.37			1.93
Osceola[2]	Mississippi		T.													.43	.03					T.	.35										0.81
Ozark[2]	Arkansas			T.													.09					.09		.10					T.	.05	.02		0.35
Paragould	St. Francis	.05																											1.60				1.65
Parkin[2]	St. Francis																																....
Perryville[2]	Arkansas						.05									.04		.06	.01			.25							.01				0.42
Pine Bluff[2]	Arkansas																.05	.06	T.				.47	.02	.35				T.		.06		1.01
Pine Ridge[2]	Ouachita						T.	T.				.11					.11				T.		.51	.22					.16	.05			1.16
Pocahontas	White		.22	.03													.06				.04		.04	.45						.15			0.99
Portland[2]	Ouachita																.15	T.						.65					T.	.36			1.16
Prescott[2]	Ouachita											.60				T.						.05	.05	.40	.03	T.		.07	.17	.07	.10		1.54
Ratcliff[2]	Arkansas																																....
Red Star	White		1.09								.24										.03	T.	.41						T.	.04			1.81
Rogers	White	T.	.10	.06				.08			.53				T.		T.				.82			1.01									2.60
Rosebud	Arkansas																																....
Russellville	Arkansas		.10								.16										T.	.13	T.	.14					.08	.03			0.64
St. Charles[2]	White																.44	.01					.09	.05	.24				.43				1.26
St. Francis[2]	St. Francis																																....
Searcy[2]	White			1.11	.03							.20					.30	.04	T.			.04	.08	T.						.05	T.		1.85
Sheridan	Ouachita										.02					.28	.04	.05			.03	.25	.05	.06					.03	1.96			2.77
Shirley[2]	White			.29													.10	.05		T.			T.	.16					.61	.04	.04		1.29
Siloam Springs	White	T.	.48								.60							.01			.20			.92					.07				2.28
Sparkman	Ouachita						.40	T.																.40									0.80
Stamps	Red			T.				T.			T.	T.				.02			.01				.01					.92	.06	.05			1.07
Stephens[2]	Ouachita																																....
Steve[2]	Arkansas											.33																					0.33
Story[2]	Ouachita										.17					.45						.31							.65				1.58
Stuttgart[2]	Arkansas																.10	.05					.37	.07						.42			1.01
Stuttgart Evap[2]	Arkansas	T.															.04	.02					.15	.07	.19	.20			.40	.19			1.26
Subiaco[2]	Arkansas			1.30							.14	.36					.07						.22	.44						.11	T		2.64
Sugar Grove[2]	Arkansas			T.								.30							.10			.13	.04	.58					.43				1.58
Sugar Loaf Mt[2]	White		.08									.30					.18	.03	.01				.05	.11					.04	.10			0.90
Texarkana[3]	Red										T.	.04				T.		T.	T.			T.	T.	T.				.41	.44	T.			0.89
Tichnor[2]	White														.20		.10							.54									0.84
Turnpike	Arkansas		.16	.06													.08	.04	.03		.05	.06	.02	.40						.66			1.56
Viola[2]	White		.95	.14																									1.90				2.99
Waldron[2]	Arkansas																.30						1.80	.30					.25	.10			2.75
Walnut Grove	White		T.													T.	.26													.68			0.94
Warren	Ouachita															T.	T.					T.	.42	T.	.10			T.					0.52
Whitecliffs[2]	Red									.37		.10					.10							.10					.10	.35			1.12
White Rock	Arkansas		T.	T.							.35							.04			.05			1.43					.18	.28			2.33
Wilson[2]	Mississippi																.37						.50	.10						.42			1.39
Wynne	St. Francis																																....

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for September, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.167	.317	.157	.153	.160	.264	.108	.242	.318	.263	.310	.071	.236	.260	.134	.218	.012	.024	.009	.098	.067	.052	.050	.184	.196	.268	.146	.016	.248	.066	....	4.814
	Mean tem.	73	74	74	73	78	78	78	74	78	82	70	68	67	66	73	62	64	69	68	65	64	72	67	62	66	68	68	72	62	57	....	69.7
	Wind move	24	50	22	19	25	32	13	31	35	38	42	34	33	28	21	35	45	19	27	28	26	23	76	36	35	11	35	25	52	34	....	954
Hope Exp. Farm	Evap.	.199	.234	.201	.197	.219	.200	.184	.210	.217	.244	.210	.260	.224	.132	.176	.157	.058	.096	.091	.174	.036	.196	.104	.092	.068	.110	.111	.024	.095	.202	....	4.721
	Mean tem.	74	78	79	82	81	81	80	76	79	82	80	72	68	70	74	66	69	71	72	74	74	74	68	68	72	74	68	66	75	69	....	73.5
	Wind move	24	7	16	17	13	14	24	18	12	41	16	31	32	32	37	29	34	30	23	22	20	28	25	57	15	14	14	22	52	83	....	811
Nimrod Dam	Evap.	....	.260	.100	.228	.192	.276	.258	.248	.194	.292	.197	.255	.196	.182	.128	.136	.024	.036	.080	.162	.050	.062	.022	.150	.186	.204	.190	.130	.120	.096	....	4.654
	Mean tem.	72	79	80	80	79	80	82	76	74	81	78	70	70	70	69	72	66	68	67	72	70	71	72	68	69	72	74	72	75	60	....	72.6
	Wind move	39	16	7	19	13	22	26	21	21	36	21	13	9	10	11	12	2	3	2	11	15	22	33	13	15	9	21	28	9	8	....	487
Russellville	Evap.	.188	.112	.106	.168	.232	.240	.242	.180	.180	.230	.236	.120	.192	.130	.148	.092	.060	.068	.140	.060	.106	.054	.166	.134	.152	.228	.190	.134	.126	.136	....	4.550
	Mean tem.	74	76	79	78	80	80	81	80	76	84	74	70	70	70	74	66	68	71	69	73	67	74	70	64	68	72	74	74	72	60	....	72.6
	Wind move	7	6	8	10	15	12	13	17	11	15	10	6	9	5	12	12	20	10	9	8	9	7	15	6	7	11	14	10	20	13	....	327
Stuttgart Rice Exp. Farm	Evap.	.075	.211	.190	.174	.169	.203	.212	.227	.218	.219	.217	.251	.136	.159	.094	.015	.024	.025	.122	.095	.093	.121	.117	.204	.189	.082	.155	.090	.124	.088	....	4.299
	Mean Tem	69	74	79	78	78	80	77	76	82	82	82	70	70	70	70	72	64	66	69	73	74	78	76	64	70	70	71	73	73	66	....	73.2
	Wind move	20	30	35	20	25	30	30	35	25	30	35	20	20	20	10	5	45	20	15	25	5	35	65	15	10	10	10	20	95	10	....	770

Daily Temperatures for September, 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	90	88	90	89	93	92	91	89	92	93	87	85	87	85	88	76	67	77	82	78	78	84	80	82	85	86	81	83	75	72	....	84.2
	Minimum	51	63	68	65	60	65	65	59	59	70	64	53	56	56	60	60	61	61	59	61	61	62	63	48	55	56	59	64	61	49	....	59.8
Arkadelphia /	Maximum	93	94	96	96	98	97	94	93	97	98	91	87	86	80	90	70	71	73	84	84	82	85	67	82	82	88	79	88	82	74	....	86.0
	Minimum	57	62	64	66	67	67	66	60	60	61	65	56	57	58	61	60	63	63	60	60	64	64	65	55	57	58	58	63	65	52	....	61.1
Ashdown /	Maximum	89	89	91	93	94	93	90	89	93	96	89	85	79	79	87	74	78	81	86	88	87	87	67	79	86	89	77	86	84	76	....	85.4
	Minimum	59	64	66	65	65	65	67	58	61	65	69	55	54	56	59	59	60	64	61	64	66	63	63	49	57	63	64	66	67	54	....	61.6
Batesville Air	Maximum	94	86	85	88	91	97	96	91	97	96	89	87	86	84	86	65	70	73	81	73	82	85	77	86	92	91	89	79	70	71	....	84.6
	Minimum	58	64	66	63	65	68	67	59	71	66	59	53	54	52	62	60	61	61	57	54	50	66	48	43	47	49	52	65	55	44	....	58.0
Batesville, Livestk /	Maximum	85	84	87	86	87	95	97	94	91	96	97	87	89	86	86	89	66	68	72	82	74	80	85	78	86	90	90	88	82	66	....	84.8
	Minimum	58	60	62	60	60	63	63	55	61	69	54	50	49	49	54	56	59	60	54	58	46	55	56	38	46	48	50	60	64	41	....	55.3
Bee Branch	Maximum	90	89	91	89	94	95	94	92	93	96	90	90	89	85	90	77	67	76	87	80	80	84	81	86	92	92	88	82	77	76	....	86.4
	Minimum	55	61	66	63	64	63	64	56	57	67	58	51	53	55	61	56	61	61	52	60	51	61	57	41	45	50	51	64	60	45	....	57.0
Benton /	Maximum	91	92	93	92	96	95	93	91	94	96	90	87	86	80	87	70	68	79	85	80	79	83	66	83	84	89	87	81	66	71	....	84.5
	Minimum	48	56	60	62	62	60	60	54	52	63	61	48	49	50	53	57	58	60	53	55	59	60	58	46	49	49	51	52	45	46	....	54.5
Bentonville /	Maximum	87	92	88	89	90	95	95	92	90	92	88	85	85	85	80	87	82	73	76	83	78	80	86	72	80	88	86	87	86	73	....	85.0
/	Minimum	62	61	63	65	66	64	65	61	58	65	52	53	55	58	53	55	62	57	57	56	47	55	45	41	47	51	50	54	52	40	....	55.7
Bethesda	Maximum	93	85	84	86	95	95	93	94	95	95	85	87	84	84	87	65	68	77	80	72	81	86	76	85	89	89	89	80	65	72	....	83.9
	Minimum	53	62	63	60	62	62	64	55	62	68	54	50	50	48	59	58	60	61	55	58	46	59	58	38	44	46	47	63	60	42	....	55.6
Bluff City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blytheville	Maximum	85	87	80	81	92	91	91	91	91	93	83	83	78	83	85	78	75	73	85	75	85	83	78	80	85	85	87	80	71	72	....	82.9
	Minimum	56	64	65	60	62	68	65	65	69	71	59	57	52	53	60	60	59	63	59	64	63	65	69	54	53	62	58	68	62	45	....	61.0
Booneville	Maximum	95	93	96	95	99	99	94	92	97	97	90	88	86	84	90	80	75	81	87	85	78	89	81	84	92	92	88	80	76	75	....	87.9
	Minimum	62	67	67	70	68	65	68	60	60	69	62	55	58	61	57	61	62	62	61	63	59	61	57	44	51	60	64	63	65	50	....	61.1
Brinkley	Maximum	91	95	88	92	95	93	94	92	96	97	87	85	83	85	86	68	69	76	81	85	89	85	74	83	85	87	86	82	75	70	....	85.1
	Minimum	51	56	66	64	64	66	57	56	67	70	54	49	52	50	59	60	61	61	61	62	59	62	62	49	51	49	52	64	57	42	....	57.8
Camden	Maximum	88	95	95	97	98	99	98	94	94	98	99	93	89	86	86	81	75	80	80	88	89	86	86	77	79	85	87	75	89	81	....	88.2
	Minimum	57	60	64	64	60	66	63	58	60	63	56	56	52	51	61	58	58	62	56	60	62	67	63	57	58	59	61	63	66	52	....	59.8
Camp Robinson	Maximum	83	92	89	86	87	93	93	91	94	97	87	86	83	82	87	69	78	78	82	81	81	83	80	82	85	86	85	82	80	70	....	84.4
	Minimum	59	62	72	66	65	66	64	59	59	68	64	52	58	58	59	61	62	62	57	61	62	65	59	49	52	52	59	55	64	48	....	60.0
Conway	Maximum	94	91	91	91	98	97	96	95	97	98	91	89	88	82	83	75	71	78	86	78	83	87	80	87	92	93	89	84	78	75	....	87.2
	Minimum	57	62	66	66	66	65	66	58	59	67	59	52	53	54	58	56	62	62	53	62	57	63	59	46	46	51	54	65	62	45	....	58.4
Corning	Maximum	91	85	84	84	94	95	94	92	95	95	88	88	82	86	87	75	76	76	78	70	85	84	77	85	91	91	91	85	77	69	....	85.0
	Minimum	65	61	63	60	61	65	64	61	67	71	56	52	49	52	58	57	60	60	56	60	58	66	60	42	46	49	53	66	61	43	....	58.1
Crossett	Maximum	88	92	93	94	94	92	90	94	95	95	90	85	80	81	83	73	71	81	79	85	90	78	82	82	83	83	78	87	82	79	....	85.3
	Minimum	54	61	59	62	64	65	60	67	61	69	68	52	54	57	63	59	63	63	60	58	60	71	65	63	62	63	62	68	67	55	....	61.8
Cummins Farm	Maximum	88	90	91	91	90	93	90	92	95	96	88	83	81	80	86	69	69	79	81	86	85	81	76	75	80	76	81	84	81	71	....	83.6
	Minimum	56	59	62	67	62	67	59	60	64	66	69	55	57	59	62	64	63	64	67	61	64	69	59	60	59	59	60	67	67	52	....	62.0
Dardanelle	Maximum	93	91	92	92	96	96	95	93	95	94	88	91	88	82	89	76	73	78	86	86	80	87	86	85	90	93	90	81	79	77	....	87.4
	Minimum	61	65	69	68	69	67	69	60	59	71	62	55	57	60	60	60	63	64	57	64	60	62	60	45	49	55	60	66	66	48	....	61.0
De Queen	Maximum	87	87	90	91	93	89	90	88	91	95	89	84	80	78	85	74	78	77	82	84	80	85	80	80	81	84	78	82	78	72	....	83.7
	Minimum	59	65	68	68	67	68	70	60	64	66	70	61	56	60	58	60	61	64	63	66	66	65	60	47	58	61	66	64	68	57	....	62.9
Des Arc	Maximum	90	90	88	89	94	93	92	90	95	96	87	89	83	82	81	69	79	77	82	83	84	83	81	81	85	85	84	81	75	69	....	84.6
	Minimum	55	62	60	65	65	69	63	61	67	70	65	51	55	51	61	60	61	62	63	62	61	65	62	50	55	49	55	64	64	47	....	60.0
Devils Knob	Maximum	84	80	....	....	84	85	84	84	83	84	78	78	79	73	72	....	65	....	80	....	76	....	74	75	82	82	81	75	....	70	....	[g]78.6
	Minimum	62	64	....	....	64	69	68	67	66	65	57	61	52	59	60	58	58	....	57	....	56	....	49	54	59	66	63	60	....	42	....	[f]59.8
Dumas	Maximum	91	92	95	93	95	94	93	94	95	97	90	83	85	85	87	89	70	81	81	88	88	83	80	78	84	85	85	85	82	72	....	86.7
	Minimum	56	59	63	62	64	65	61	61	64	71	67	53	55	55	60	62	63	63	61	62	60	70	70	58	59	58	58	59	66	52	....	61.2
El Dorado	Maximum	92	88	91	92	92	94	90	90	95	96	90	85	82	78	76	74	69	78	84	84	92	83	76	75	88	84	74	85	79	73	....	84.3
	Minimum	59	61	65	61	63	68	66	58	63	65	68	55	59	60	63	62	63	64	60	61	64	73	65	59	62	63	67	66	68	58	....	63.0
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...
	Miuimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	90	83	87	89	95	96	89	91	91	90	86	87	86	83	87	80	70	75	85	77	80	86	78	82	86	90	87	78	71	70	....	84.2
	Minimum	67	62	63	65	69	69	70	65	65	67	55	55	56	60	58	55	61	61	58	57	49	61	46	48	54	63	60	53	55	43	....	59.0
Fayetteville	Maximum	91	89	92	90	96	96	91	92	91	89	85	87	86	82	88	81	72	82	82	79	78	85	77	82	88	90	87	75	73	74	....	85.0
	Minimum	66	66	63	69	69	66	69	65	59	68	59	52	56	62	56	59	63	61	61	57	49	63	48	41	47	59	58	61	56	45	....	59.1
Fayetteville Exp. S	Maximum	90	89	90	90	93	94	92	89	93	89	82	83	84	81	85	82	72	79	84	77	74	85	80	81	89	89	85	81	71	71	....	84.1
	Minimum	65	63	60	65	67	63	66	63	58	66	54	52	53	57	52	54	61	57	58	55	46	58	45	38	45	59	56	59	53	39	....	56.2
Fordyce	Maximum	98	95	97	96	98	96	95	94	98	99	94	89	90	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	63	64	67	67	68	69	68	62	64	70	67	55	68	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fort Smith	Maximum	92	95	94	93	98	95	90	93	96	92	89	87	88	85	88	81	77	80	86	84	79	89	76	84	90	91	88	78	76	73	....	86.9
	Minimum	74	67	67	72	70	70	69	66	65	70	62	58	60	62	58	62	63	63	62	59	58	62	53	46	52	61	64	64	59	48	....	62.2
Gilbert /	Maximum	95	80	84	88	94	92	93	91	93	93	87	88	88	81	89	75	72	74	85	78	80	86	76	81	92	94	90	79	68	74	....	84.7
	Minimum	54	53	66	63	62	61	63	55	53	57	54	46	47	49	54	51	57	62	57	57	50	51	55	40	39	45	45	52	60	39	....	53.2
Grannis /	Maximum	90	91	92	94	94	93	90	89	91	96	94	89	84	83	81	79	79	79	86	85	73	84	82	83	84	85	74	82	71	72	....	85.0
	Minimum	63	65	65	65	65	67	59	62	66	69	59	56	60	59	58	58	61	60	65	64	62	57	48	61	65	65	61	65	50	44	....	60.8
Gravette	Maximum	88	90	90	89	95	95	94	92	92	89	85	85	85	79	82	87	72	81	84	77	79	86	80	80	87	88	87	76	74	72	....	84.7
	Minimum	57	61	63	62	66	65	66	63	62	65	55	57	58	62	59	55	60	55	58	55	48	60	45	42	47	60	60	61	50	41	....	57.3
Green Mountain	Maximum	90	83	81	79	79	80	96	95	92	94	92	88	82	82	84	88	72	70	80	73	79	83	85	85	90	90	90	88	75	74	....	84.0
	Minimum	62	61	65	62	61	64	65	65	65	65	55	55	44	46	62	51	52	52	62	57	60	50	55	66	71	70	70	62	52	44	....	59.0
Harrison	Maximum	89	76	82	84	91	89	95	91	93	94	95	89	90	91	94	81	71	72	87	83	81	90	85	91	90	85	87	82	70	70	....	85.8
	Minimum	59	62	54	62	64	52	63	55	54	68	52	50	50	51	57	52	60	62	53	59	45	55	51	36	43	52	49	59	56	36	....	54.0
Helena	Maximum	87	90	84	90	92	91	93	92	92	93	87	80	79	85	80	70	69	76	79	83	87	82	73	76	81	86	85	81	77	67	....	82.9
	Minimum	56	61	68	66	68	70	63	65	69	70	66	56	56	59	66	61	61	60	61	65	64	68	64	57	57	56	61	65	66	50	....	62.5
Hope /	Maximum	91	93	94	97	95	95	93	93	96	97	90	86	82	81	88	72	76	79	86	87	81	85	70	80	86	87	72	86	83	74	....	85.8
	Minimum	58	63	64	65	67	67	67	60	62	66	69	57	55	58	61	61	62	63	59	62	66	64	66	56	59	61	63	66	67	54	....	62.3
Hot Springs	Maximum	94	94	94	93	94	93	95	93	95	95	94	90	86	83	85	69	70	81	81	82	77	82	80	84	84	78	78	88	77	76	....	85.5
	Minimum	63	69	69	68	69	70	69	63	64	71	64	57	59	60	62	60	62	62	59	65	64	69	60	51	57	60	62	65	65	49	....	62.9
Jonesboro	Maximum	89	87	83	86	92	93	93	91	92	95	87	85	81	84	85	66	72	72	77	76	83	83	77	83	86	87	87	82	74	68	....	83.2
	Minimum	57	62	64	61	64	65	63	63	68	69	59	56	51	55	63	60	60	61	57	64	61	65	60	49	54	54	55	65	62	46	....	59.8
Lead Hill	Maximum	97	78	82	87	95	95	96	92	94	96	88	88	86	82	87	81	74	74	85	80	81	90	78	83	93	92	91	80	72	73	....	85.7
	Minimum	60	64	64	60	63	62	65	54	52	67	46	46	46	46	54	50	62	63	50	56	41	57	52	34	43	43	46	58	57	33	....	53.1
Little Rock	Maximum	90	90	86	88	92	92	90	90	94	97	86	84	82	77	85	69	67	76	81	76	80	82	71	80	84	85	80	81	76	69	....	82.7
	Minimum	60	65	69	69	70	69	68	60	61	71	65	58	60	60	63	61	63	63	59	64	62	66	61	53	55	56	59	66	62	51	....	62.3
Lutherville	Maximum	91	87	90	90	94	94	93	91	93	94	89	88	88	82	88	84	77	73	85	83	74	86	80	83	88	90	88	84	83	72	....	86.1
	Minimum	60	64	66	67	66	67	68	60	60	70	59	59	58	59	60	58	61	61	58	64	55	61	56	49	52	55	60	66	63	46	....	60.3
Magnolia	Maximum	90	91	94	94	96	95	92	90	95	98	93	88	83	81	89	74	71	83	87	88	93	84	85	80	87	88	79	80	84	80	....	87.1
	Minimum	60	63	65	65	69	70	68	66	63	66	66	60	57	57	64	63	62	60	63	63	68	68	63	59	63	65	67	67	68	54	....	63.7
Mammoth Spring	Maximum	89	80	84	83	91	92	91	88	90	93	84	85	84	82	85	80	75	72	79	76	79	83	81	83	90	89	89	85	76	70	....	83.6
	Minimum	54	59	62	58	67	60	56	62	60	67	51	50	47	47	57	54	60	54	52	57	46	63	39	39	40	40	46	60	59	40	....	53.5
Marianna /	Maximum	89	91	87	91	92	93	92	91	94	96	86	83	82	86	85	87	70	76	84	86	88	85	70	80	82	86	87	83	78	70	....	85.0
	Minimum	57	57	67	64	61	69	57	60	70	70	65	50	52	55	61	61	62	62	61	63	61	67	65	56	57	52	57	66	67	49	....	60.7
Marked Tree /	Maximum	82	90	88	84	88	92	94	92	92	93	95	82	85	79	82	86	66	70	74	80	82	87	84	70	85	88	88	89	81	66	....	83.8
	Minimum	51	59	65	60	62	65	62	61	65	69	59	53	52	53	53	62	58	62	59	61	62	63	67	51	52	50	50	56	63	45	....	58.3
Marshall /	Maximum	93	78	83	85	92	93	92	90	90	93	86	87	89	88	86	73	69	74	88	78	83	84	75	88	88	91	89	80	66	71	....	84.1
	Minimum	67	61	66	66	69	70	70	67	67	70	51	49	49	52	57	51	53	60	52	65	47	67	53	38	47	51	52	64	56	36	....	57.4
Mena	Maximum	92	90	94	94	94	95	91	89	93	95	90	86	84	82	84	76	75	80	86	81	73	85	77	83	86	88	78	79	72	73	....	84.8
	Minimum	62	64	63	66	65	64	67	58	61	68	65	55	54	59	58	57	61	60	58	65	63	62	57	45	55	58	63	60	64	49	....	60.2
Monticello	Maximum	89	91	94	94	95	93	90	92	95	96	90	84	83	85	85	72	68	80	81	86	90	82	72	74	85	83	80	85	82	81	....	85.2
	Minimum	61	62	64	70	68	70	62	64	67	70	70	61	58	62	66	62	63	64	62	62	61	68	67	60	62	64	64	68	63	53	....	63.9
Morrilton /	Maximum	93	88	91	89	95	95	94	92	96	95	89	87	86	79	89	73	70	78	85	76	81	81	76	84	90	91	87	82	74	73	....	85.3
	Minimum	55	62	67	67	67	68	68	59	58	60	63	53	55	56	58	58	60	62	55	61	58	57	57	47	48	51	54	52	65	48	....	58.3
Mountain Home	Maximum	91	78	81	84	93	94	93	90	92	95	86	88	85	84	85	78	70	75	84	79	80	85	80	84	91	92	89	80	74	73	....	84.4
	Minimum	57	58	65	62	64	62	63	56	57	52	48	50	48	48	59	56	62	61	54	61	47	60	55	36	43	49	48	62	55	41	....	54.6
Mt. Ida	Maximum	87	93	92	93	95	96	91	90	94	98	90	85	82	87	80	71	72	76	82	83	80	86	80	78	86	88	79	84	76	73	....	84.9
	Minimum	49	65	62	63	65	62	66	56	55	63	63	46	49	55	62	56	63	56	53	55	60	62	60	40	52	54	60	66	64	40	....	57.4
Nashville	Maximum	94	93	94	95	96	95	92	93	95	99	90	85	83	78	88	72	78	78	84	88	77	88	76	82	87	87	76	76	80	73	....	85.7
	Minimum	67	64	67	67	68	67	70	61	63	67	67	56	57	58	62	62	64	64	62	65	67	65	62	51	57	61	67	67	68	55	....	63.3

Daily Temperatures for September, 1946, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	93	89	88	91	96	98	95	93	96	99	88	90	85	82	90	66	71	76	82	78	86	85	75	84	90	89	88	88	74	77	....	86.1
	Minimum	58	64	67	65	67	66	64	61	67	70	62	55	56	54	63	62	62	61	60	63	58	68	63	48	50	51	55	66	63	48	....	60.6
Nimrod Dam....../	Maximum	84	94	90	94	93	96	97	95	92	94	96	88	86	84	79	87	71	72	77	86	79	79	86	78	85	90	91	83	85	73	....	86.1
	Minimum	59	64	69	66	65	65	66	57	56	68	60	53	54	55	59	58	62	65	57	59	50	63	58	48	53	55	58	62	65	47	....	59.2
Oden	Maximum	95	90	92	94	95	91	93	88	95	93	93	88	83	80	87	75	75	80	85	80	75	86	77	84	87	88	79	84	75	76	....	85.4
	Minimum	65	71	66	68	70	66	68	61	61	69	66	57	58	60	61	60	66	63	60	66	67	65	60	52	57	60	65	66	68	51	....	63.1
Okay	Maximum	88	92	91	93	94	92	90	92	93	97	92	89	84	79	87	72	79	79	85	87	85	89	80	84	85	86	81	86	82	86	....	86.6
	Minimum	54	64	60	67	67	67	69	65	63	68	67	58	56	59	59	60	62	64	60	65	67	64	51	56	58	61	66	66	68	55	....	62.2
Ozark	Maximum	93	94	93	91	95	95	95	94	94	96	95	89	88	86	89	81	80	78	88	84	83	88	80	83	89	92	90	80	78	79	....	88.0
	Minimum	63	62	66	71	71	68	69	61	62	61	60	56	57	63	57	62	61	63	59	66	62	62	58	57	45	58	61	65	65	54	....	61.5
Paragould	Maximum	90	88	95	94	95	95	95	92	96	95	88	89	85	88	89	77	77	75	80	83	86	89	88	87	81	81	82	80	79	80	....	86.6
	Minimum	55	62	61	60	61	61	62	63	68	71	58	52	52	53	55	58	58	62	56	66	66	67	70	71	66	60	59	50	48	42	....	59.8
Perryville	Maximum	95	90	91	93	97	96	95	93	97	98	90	89	86	79	90	70	69	78	87	77	82	88	79	85	91	89	81	83	77	73	....	86.3
	Minimum	54	61	67	65	62	62	64	54	52	65	61	48	50	50	56	55	61	61	50	59	55	60	59	42	45	42	49	64	61	45	.. .	56.0
Pine Bluff	Maximum	96	97	95	95	98	95	95	97	99	98	95	87	85	82	75	67	68	81	85	88	86	84	74	79	82	88	85	88	78	73	....	86.5
	Minimum	64	66	68	70	70	70	67	65	65	72	69	59	59	60	65	63	64	65	60	64	64	68	62	58	62	60	63	68	63	52	....	64.2
Pocahontas	Maximum	91	88	88	88	94	95	95	94	95	97	93	88	84	85	90	80	77	75	82	77	84	85	80	85	89	90	91	85	77	73	....	86.5
	Minimum	53	60	63	60	62	62	62	59	64	69	56	53	51	52	60	58	62	58	56	59	56	66	60	44	46	49	54	56	57	45	....	57.1
Portland	Maximum	90	91	95	95	94	93	92	52	95	95	92	85	85	88	88	85	70	78	78	86	91	80	80	78	82	82	83	85	83	75	....	86.2
	Minimum	60	60	60	68	65	67	60	62	64	71	70	56	58	58	65	62	64	64	60	59	63	70	69	69	63	63	62	68	68	54	....	63.4
Prescott	Maximum	91	91	95	95	97	98	94	94	96	99	90	90	85	81	87	71	74	79	84	87	86	85	79	80	84	85	81	88	82	78	....	86.9
	Minimum	60	65	66	68	69	69	69	63	68	68	68	58	58	58	63	61	64	58	59	65	66	65	60	58	60	62	65	66	67	54	....	63.3
Rogers	Maximum	93	86	87	91	95	95	90	91	93	89	83	85	87	81	89	81	73	78	87	76	80	87	76	80	86	88	87	77	72	72	....	84.5
	Minimum	64	63	63	65	67	65	66	62	58	65	53	53	55	58	55	55	61	58	57	55	48	60	45	41	48	58	56	59	54	42	....	57.0
Russellville	Maximum	91	87	90	91	95	95	94	92	94	93	88	86	85	81	89	75	72	78	85	83	78	88	80	84	90	91	90	81	79	76	....	86.0
	Minimum	57	65	68	66	66	65	68	69	57	70	60	54	56	58	59	58	63	64	54	63	56	60	60	43	47	54	57	66	65	43	....	59.7
St. Charles......../	Maximum	91	93	91	94	95	94	94	93	94	98	90	86	85	85	90	68	70	80	84	86	89	83	75	79	80	86	87	87	80	70	....	85.9
	Minimum	56	60	65	68	64	69	62	62	69	70	69	56	56	57	64	62	62	62	62	63	62	68	69	57	59	59	60	65	65	50	....	62.4
Searcy	Maximum	96	97	87	90	95	97	94	94	97	100	89	87	85	79	89	66	68	79	83	73	84	86	78	85	89	88	86	82	75	71	....	85.6
	Minimum	58	65	68	67	66	67	65	61	64	69	62	55	56	54	60	61	62	63	57	61	57	67	61	48	50	49	54	65	63	49	....	60.1
Sheridan	Maximum	92	95	91	92	96	96	94	92	95	97	88	86	84	78	87	70	67	79	84	81	80	85	76	82	86	89	82	84	75	70	....	85.1
	Minimum	55	60	63	62	63	65	57	55	56	65	63	50	50	51	57	57	59	60	54	59	59	63	57	49	52	52	55	62	62	47	....	57.3
Siloam Springs	Maximum	90	90	92	90	94	95	92	91	91	88	84	85	86	80	77	83	72	82	84	77	78	87	72	81	87	88	87	75	71	71	....	84.0
	Minimum	65	61	62	66	69	66	66	66	63	68	55	55	57	60	53	55	59	56	58	55	48	60	45	40	46	58	61	60	54	41	....	57.6
Stuttgart	Maximum	89	91	88	91	94	94	92	93	93	96	92	83	81	81	83	70	69	79	81	85	82	85	74	79	82	87	83	85	82	68	....	84.4
	Minimum	60	64	69	68	67	70	65	65	68	72	57	59	58	60	65	63	62	64	62	65	64	68	65	57	59	55	61	66	65	50	....	63.1
Stuttgart Evap..../	Maximum	82	88	92	88	92	93	92	91	92	94	95	85	83	82	80	82	66	70	78	82	85	91	83	71	79	81	86	84	84	83	....	84.5
	Minimum	57	61	66	67	65	67	62	62	72	71	68	55	58	59	60	62	62	63	60	64	62	64	69	58	60	58	56	62	62	50	....	62.1
Subiaco	Maximum	92	92	91	88	92	90	93	88	92	88	84	84	84	82	85	76	78	75	86	80	76	83	80	80	85	91	85	80	75	70	....	84.2
	Minimum	64	64	65	67	68	66	67	61	61	68	61	55	57	59	57	59	61	59	57	62	57	61	56	45	51	57	62	63	64	47	....	60.0
Texarkana	Maximum	88	86	91	91	92	91	89	89	91	95	89	84	78	78	86	73	75	80	86	85	85	84	71	80	84	87	72	84	80	73	....	83.9
	Minimum	66	67	69	68	69	73	68	64	67	70	69	60	60	61	63	62	63	65	63	66	69	66	62	61	63	67	68	67	64	52	....	65.1
Turnpike	Maximum	85	79	81	82	87	88	87	84	87	86	80	81	83	82	79	69	68	73	79	70	73	74	76	83	94	95	91	85	77	65	....	80.8
	Minimum	61	64	63	63	67	68	68	66	64	66	56	58	60	55	61	56	56	57	57	59	56	58	49	53	60	63	60	60	53	42	....	59.3
Waldron	Maximum	93	94	95	97	98	97	96	93	96	97	90	90	85	85	89	75	75	80	88	80	75	88	83	85	90	90	83	77	75	73	....	87.1
	Minimum	58	63	64	65	64	62	65	57	58	68	62	47	52	57	54	55	62	62	63	63	59	60	56	43	49	57	59	61	63	45	....	58.4
Warren	Maximum	91	93	95	95	96	94	93	93	94	98	91	86	85	84	85	80	72	81	83	85	90	83	76	75	85	84	86	87	80	73	....	86.4
	Minimum	61	63	63	68	68	69	64	62	62	71	70	55	58	58	58	62	65	65	61	61	66	70	65	60	62	61	62	63	66	54	....	63.1
White Rock	Maximum	88	87	85	86	92	93	90	91	89	88	87	83	84	82	84	75	64	71	80	78	79	77	75	78	83	85	82	70	68	70	....	81.5
	Minimum	56	63	63	64	66	67	66	66	64	63	57	60	57	58	60	56	56	55	56	58	52	59	46	52	54	63	60	56	53	43	....	58.3
Wilson	Maximum	89	91	97	90	94	94	93	90	93	95	95	85	80	85	83	70	72	76	80	81	86	86	75	81	86	86	86	81	79	69	....	84.9
	Minimum	53	60	64	58	57	64	59	59	66	68	56	50	48	49	51	60	57	60	55	59	61	65	65	50	52	49	55	60	52	42	....	56.8
Wynne ..../	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily River Stages for September, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	..Arkansas .	22	5.5	5.9	5.0	5.2	4.6	4.4	4.9	4.8	5.2	5.2	4.6	4.0	4.5	4.6	4.3	4.1	4.0	3.6	3.3	3.7	3.8	4.2	4.5	4.5	4.0	4.6	5.3	5.5	5.9	5.6	....
Van Buren	......do	22	5.5	5.9	5.8	5.2	4.6	4.4	4.9	4.8	5.2	5.2	4.6	4.0	4.5	4.6	4.3	4.1	4.0	3.6	3.3	3.7	3.8	4.4	4.5	4.5	4.0	4.6	5.3	5.5	5.9	5.6	....
Danville	.Petit Jean..	20	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.5	2.4	2.4	2.3	2.3	2.3	....
Ozark	..Arkansas..	22	1.2	1.3	1.4	1.4	1.0	0.0	-0.4	-0.2	-0.2	-0.2	-0.2	-0.5	-0.7	-0.5	-0.5	-0.4	-0.7	-0.8	-1.0	-1.1	-1.2	-1.0	-0.6	-0.4	-0.4	-0.8	-0.6	1.0	1.1	1.4	....
Dardanelle	......do.	22	3.1	2.6	2.7	4.0	2.7	2.3	1.6	1.7	2.0	2.0	2.2	2.2	1.8	1.5	1.7	1.8	1.6	1.5	1.3	1.2	2.0	1.1	1.3	1.6	1.7	1.7	1.4	1.6	2.2	2.5	....
Morrilton	......do.	20	-2.5	-2.4	-2.3	-2.6	-2.4	-2.8	-3.3	-3.4	-3.6	-3.4	-3.4	-3.2	-3.2	-3.6	-3.7	-3.6	-3.6	-3.7	-3.8	-4.0	-4.1	-4.2	-4.1	-3.6	-3.8	-3.6	-3.7	-3.8	-3.6	-3.2	....
Little Rock	......do.	23	0.6	1.5	1.8	1.6	1.7	1.8	1.6	1.3	1.1	1.0	1.1	1.2	1.3	1.3	1.0	0.9	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.7	0.8	0.9	0.9	0.8	0.9	....
Pine Bluff	......do.	25	1.1	1.1	2.0	2.6	2.4	2.5	2.7	2.4	2.1	1.8	1.8	1.8	1.9	2.0	2.0	1.8	1.6	1.6	1.5	1.4	1.4	1.3	1.1	1.0	1.1	1.2	1.4	1.6	1.6	1.5	....
Gilbert	..Buffalo ...	30	3.6	3.6	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	....
Black Rock	....Black....	14	3.7	3.5	3.8	3.7	3.7	3.7	3.7	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5	2.7	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.4	2.3	2.3	2.3	....
Forsyth, Mo.	....White ...	30	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	....
Cotter	......do	21	1.2	1.0	1.2	1.1	0.9	0.9	1.4	1.4	1.3	1.0	1.0	1.2	1.2	1.1	1.0	1.0	0.7	0.7	0.7	0.8	0.9	0.9	1.0	0.8	0.8	0.6	0.6	0.8	1.0	1.1	....
Calico Rock	......do	18	2.0	0.9	0.6	2.2	2.0	1.6	1.7	1.8	1.1	1.7	1.6	1.6	1.6	1.5	1.4	0.8	1.4	1.2	1.3	1.4	1.4	1.2	0.7	1.3	1.4	1.4	1.5	1.4	1.2	0.5	....
Batesville	......do ...	23	6.4	6.3	5.2	4.8	6.4	6.4	6.1	6.1	5.9	5.0	6.0	6.0	6.0	6.0	6.0	5.8	4.8	6.0	5.8	5.8	5.9	6.0	5.6	4.6	5.7	5.8	6.0	6.1	6.0	5.4	....
Newport	......do	26	2.8	2.7	2.5	2.5	2.5	2.6	2.6	2.4	2.3	2.1	1.8	2.1	2.0	1.9	1.9	1.8	1.6	1.3	1.5	1.6	1.6	1.6	1.7	1.4	1.1	1.3	1.4	1.5	1.6	1.5	....
Augusta	......do..	32	14.4	14.3	14.2	13.9	13.5	13.5	13.9	13.9	13.8	13.5	13.2	13.0	13.1	13.0	12.9	13.0	12.9	12.6	12.4	12.4	12.4	12.5	12.5	12.5	12.2	12.0	12.0	12.3	12.4	12.4	....
Sugar Loaf Mt.	..Little Red.	..	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	....	....
Georgetown	....White ...	21	4.6	3.9	4.3	4.1	3.7	3.3	3.3	3.7	3.7	3.6	3.4	3.1	3.1	3.0	2.9	3.0	2.9	2.8	2.6	2.5	2.5	2.5	2.5	2.5	2.4	2.2	2.1	2.2	2.2	2.2	....
Des Arc	. ....do	24	6.8	6.6	6.5	6.2	6.0	5.9	5.7	5.7	5.7	5.7	5.6	5.6	5.2	5.2	5.1	5.1	5.0	5.0	5.0	4.7	4.6	4.6	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	....
Clarendon	......do	26	11.5	11.2	11.0	10.8	10.6	10.4	10.1	9.9	10.0	10.0	10.0	9.9	9.6	9.4	9.4	9.4	9.3	9.3	9.2	9.1	8.9	8.8	8.8	8.8	8.8	8.8	8.7	8.5	8.5	8.6	....
St. Charles	......do	25	11.4	11.1	10.8	10.6	10.5	10.3	10.0	9.8	9.7	9.7	9.2	9.7	9.5	9.5	9.5	9.1	9.1	9.1	9.0	8.9	8.9	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4	....
Glenwood	....Caddo ...	..	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.9	4.6	4.6	4.5	4.5	4.4	4.5	4.8	4.7	....
Arkadelphia	..Ouachita .	17	3.4	3.4	3.3	3.6	3.6	3.6	3.7	3.6	3.4	3.5	3.9	3.8	3.8	3.6	3.6	3.6	3.4	3.6	3.5	3.6	3.6	3.6	4.0	3.6	3.6	3.6	3.6	3.6	3.6	3.5	....
Boughton	..Little Mo..	20	4.0	4.0	3.9	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.9	....	3.9	3.8	3.8	4.0	4.0	3.9	3.9	3.8	3.7	3.7	3.6	3.8	3.9	3.9	3.8	3.8	4.0	4.1	....
Camden	..Ouachita ..	26	4.5	4.4	5.3	4.1	4.2	4.1	4.2	4.3	5.6	5.6	4.3	4.3	4.3	4.6	4.7	4.5	4.5	4.4	4.8	4.3	4.3	4.3	4.3	4.5	4.6	4.6	4.4	4.4	4.4	4.4	....
Benton	....Saline ...	20	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.3	3.4	3.5	4.3	4.9	4.9	3.9	3.8	3.8	3.6	3.5	3.5	....
Index	.....Red	25	9.6	8.8	8.2	7.7	7.5	8.8	8.8	8.0	7.4	6.8	6.7	6.7	6.6	6.0	6.2	6.4	6.4	6.4	6.4	6.2	5.8	5.5	5.5	5.5	5.5	6.6	6.6	6.6	6.4	6.4	....
Fulton	......do	25	10.0	9.2	8.6	8.0	7.6	8.1	9.1	8.5	7.9	7.5	7.3	7.1	7.0	6.7	6.6	6.8	7.0	7.0	6.9	6.8	6.4	6.2	6.6	6.9	7.1	7.1	7.1	7.1	6.9	7.0	....
St. Francis	......do	18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Francis L.L.	......do	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Marked Tree	......do	17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Parkin	......do	28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Madison	......do	32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Helena	.Mississippi .	44	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Arkansas City	......do	42	10.2	8.8	7.9	7.3	6.8	6.2	5.9	5.9	5.7	5.3	4.6	3.9	3.7	3.7	4.5	6.0	6.9	7.1	6.9	6.9	7.0	6.8	6.4	5.9	5.5	5.2	5.1	5.3	5.4	5.5	....

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. ^{1} Midnight to midnight. ^{2}Measured in the morning for the preceding 24 hours. ^{3}Data for 24 hours ending at 12:30 a. m. of the following day. ^{4}Best available used for stations not equipped with recorders. ^{5}Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devil's Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill: Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner: Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O.-Fort Worth, Texas—11-13-1946—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LI LITTLE ROCK, ARK., OCTOBER, 1946 No. 10

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Arkansas was under the influence of a HIGH from the 1st through the 9th, with all the stations over the State reporting their highest temperatures of the month during that period.

A new mass of cold air began to move in over the State on the 9th, due to the activity of a storm area (LOW) located several hundred miles north of the State. This movement resulted in scattered showers the 10th and 11th.

The cold mass brought in a new HIGH, which ran the State's weather through the 17th. About the 15th, we were on the backside of the HIGH, and this coupled with two new storms, moving northeast out of the Southern Rockies, caused light rains from the 15th to the 20th.

During most of the period from the 21st through the 23d, we were on the backside of a HIGH, which was bringing in moist air from the Tropics, giving moderate rains over the State. On the 24th, a new mass of cold air moved in, leaving fairly heavy showers in its wake on the 24th and 25; most of the stations reporting about 2.00 inches or more.

This new mass of cold air resulted in a good HIGH over Arkansas for the remainder of the month, and fair, but cool, weather. Early morning fogs were general over the State during these last few days, but burned off rapidly a couple of hours after sunrise.

October weather in general was favorable to the harvest of matured crops. Cotton picking was delayed somewhat by the wet and cool periods, but still not much behind normal picking schedules. Fall seeding was delayed considerably, but the rains were of great benefit to the area already planted.

The rivers and streams of the State were at low stages throughout the month.

TEMPERATURE

The average temperature for the month was 63.7°, 0.9° above the 57 year average. There were no record temperatures, high or low, during the month. The high of 94° was reported from 5 different Arkansas River Valley Stations; the low of 25° from Gilbert. The southwest quarter of the State reported mean temperatures slightly below the 57 year average.

Practically all of the stations in the mountainous portion of Arkansas reported killing frost by the 12th. The growing season was continuing in the Alluvial Section of Arkansas at the of the month, due to the lack of killing frost.

PRECIPITATION

The 2.79 inch average for the State was 0.37 inch below the 57 year average of 3.16. The rain was not too well distributed over the month, as about two-thirds of the month's total fell during the period 22d to 25th. Bethesda reported the greatest monthly rainfall with 6.52 inches.

Even though the average State rainfall was below normal, the following counties reported monthly totals ranging up to more than 2.00 inches above the normal: Hempstead, Ouichita' Union, Arkansas, Phillips, Mississippi, Craighead, Lawrence, Jackson, Independence, and Stone.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms: 10, 11, 17, 18, 19, 21, 22, 23, 24, 25, 26, 31.
High Winds: 4, 5, 10, 17, 21, 24, 28, 29, 30, 31.
Heavy Fog: 1, 2, 9, 10, 17, 19, 20, 21, 22, 24, 27, 28, 29, 30.
Hail: 24.
Killing Frost: 1, 2, 3, 11, 12, 13, 14, 15, 18, 21.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.30	20	29.58	10	7.4	43	nw.	17	83	48	52	64	103
Little Rock	30.34	20	29.67	24	6.7	27	w.	17	88	52	60	67	109
Memphis ..	30.33	13	29.68	24	6.5	24	s.	17	85	50	64	70	106

COMPARATIVE DATA FOR OCTOBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	63.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	23	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.03	0.0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	95	18	5.41	0.6	9	13	9	9
1914	63.0	93	21	1.74	0.0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.89	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	13
1919	66.6	98	35	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	58.7	98	13	7.73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1927	66.0	100	30	3.13	0.0	5	22	4	5
1928	66.3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67.1	98	26	2.35	0.0	4	17	7	7
1932	60.8	94	26	3.41	0.0	6	19	4	8
1933	62.6	90	30	2.83	0.0	5	19	7	5
1934	66.2	96	25	0.79	0.0	2	21	7	3
1935	63.9	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0.0	7	16	5	10
1937	60.8	96	17	4.66	T.	8	18	4	9
1938	66.8	105	20	0.94	0.0	3	23	5	3
1939	65.1	98	29	1.71	0.0	3	21	5	5
1940	65.2	95	29	1.91	0.0	5	20	7	4
1941	68.2	96	28	8.11	0.0	13	8	9	14
1942	62.8	90	22	3.19	0.0	5	16	8	7
1943	61.3	90	26	3.48	0.0	5	16	8	7
1944	63.9	95	25	1.13	0.0	3	22	6	3
1945	60.8	89	29	3.11	0.0	6	15	7	9
1946	63.7	94	25	2.79	0.0	6	17	7	7
Period	62.8	105	12	3.16	T.	5	18	6	7

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Climatological Data for October, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	9	64.2	......	90	7†	37	12	2.26	......	1.17	17-18	0	7	12	11	8	w.	L. R. Water Works
Arkadelphia	Clark	200	50	^{g}63.0	− 1.4	^{g}90	10	^{g}35	12†	2.34	−0.75	1.07	10-11	0	5	18	7	6	s.	W. H. Halliburton
Arkansas City	Desha	145	61	....	......	......	......	......	......	4.35	+1.88	3.01	25	0	4	....	....	....	......	John W. Trammell
Ashdown	Little River	329	2	63.8	......	91	9	31	12	2.84	......	0.92	17-18	0	8	14	10	7	......	Southwestern G. & E.
Batesville Airway	Independence	363	10	62.4	+ 1.2	92	9	33	12	4.72	......	2.16	24	0	7	15	7	9	s.	Airway Observer
Batesville Livestk.	Independence	500	5	60.4	......	92	9	30	12†	6.14	......	2.78	24	0	4	15	11	5	sw.	University of Arkansas
Batesville River	Independence	277	46	....	......	......	......	......	......	4.50	+1.28	2.14	24	0	7	....	....	....	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	62.9	+ 0.3	93	7	28	12	2.05	−1.32	1.37	24	0	5	18	6	7	s.	Minnie Scanlan
Benton	Saline	285	10	60.5	− 2.1	91	9	27	12	2.22	......	0.86	24-25	0	6	23	2	6	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	61.2	+ 1.5	88	8	31	12	1.37	−2.62	0.44	17	0	5	15	12	4	s.	E. L. Brown
Bethesda***	Independence	500	6	59.9	......	92	9	29	12	6.52	......	2.80	23	0	5	14	10	7	se.	Soil Cons. Service
Big Lake Outlet***	Mississippi	239	15	....	......	......	......	......	......	3.99	+1.42	2.70	24	0	4	16	9	6	se.	N. W. Douglas
Black Rock	Lawrence	259	44	....	......	......	......	......	......	4.36	+1.10	2.80	24-25	0	7	....	....	....	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	5	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	Ark. Forestry Com.
Blytheville	Mississippi	252	20	64.2	+ 0.8	90	6†	38	12	3.97	+0.89	2.00	24-25	0	6	20	4	7	s.	R. E. Blaylock
Booneville 3 miles w.	Logan	465	31	66.2	+ 1.8	92	8	30	12	1.11	−2.32	0.34	23-24	0	8	17	9	5	s.	F. H. Randolph
Boughton***	Clark	235	10	....	......	......	......	......	......	4.11	......	1.85	24-25	0	4	....	....	....	......	Katie B. Moore
Brinkley	Monroe	205	54	62.0	− 0.6	90	9	32	13	2.34	−1.18	1.56	24-25	0	10	16	4	11	s.	U. S. Weather Bureau
Calico Rock	Izard	361	41	....	......	......	......	......	......	2.64	−0.68	1.20	24	0	6	....	....	....	......	William Jones
Camden	Ouachita	116	60	63.2	− 1.0	93	10	30	13	4.63	+1.78	2.05	25	0	6	16	7	8	se.	J. M. Knight
Camp Chaffee	Sebastian	419	2	65.4	......	90	6†	31	14	1.56	......	0.61	22-23	0	7	15	7	9	se.	U. S. Army
Camp Robinson	Pulaski	463	5	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	U. S. Army
Clarendon	Monroe	172	41	....	......	......	......	......	......	1.37	−1.67	0.93	24	0	7	....	....	....	......	B. F. Northern
Conway	Faulkner	309	62	64.4	+ 0.6	94	9	32	12	2.01	−0.99	0.85	19	0	6	18	6	7	s.	G. Y. Short
Corning	Clay	293	52	62.9	+ 2.4	88	6	33	12	2.32	−1.17	1.44	23-24	0	7	22	4	5	w.	Mrs. Laura Polk
Cotter	Baxter	440	18	....	......	......	......	......	......	2.44	−1.32	0.73	23	0	7	....	....	....	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	33	65.4	− 0.1	91	9	34	13	2.23	−1.34	0.76	10-11	0	5	19	6	6	n.	U. S. Forest Service
Cummins Farm***	Lincoln	176	2	65.2	......	87	7	34	12	1.05	......	1.05	19	0	1	20	8	3	e.	T. C. Cogbill
Danville	Yell	327	29	....	......	......	......	......	......	2.13	−1.83	1.02	24	0	7	....	....	....	......	J. A. Moudy
Dardanelle	Yell	330	59	65.6	+ 1.8	90	7	33	12	1.98	−1.12	0.80	24	0	7	10	12	9	s.	Geo. N. Goodier
DeQueen	Sevier	426	10	64.0	......	88	9	30	12	4.75	......	2.06	17	0	6	15	10	6	......	L. D. McCowan
Des Arc	Prairie	204	7	63.4	......	86	9†	32	12	2.45	......	1.41	24	0	4	15	3	13	s.	Z. R. Glenn
Devils Knob***	Johnson	2350	9	^{d}63.2	......	^{d}86	8	^{d}35	12	2.64	......	....	......	......	7	....	....	....	......	U. S. Forest Service
Dumas	Desha	162	40	64.7	− 0.5	91	9	34	13	2.16	−0.87	1.57	24-25	0	6	14	12	5	s.	Ben Johnson
El Dorado	Union	270	45	65.1	− 1.2	88	8	36	13	3.22	+0.20	1.80	24	0	3	20	6	5	s.	Airway Observer
England	Lonoke	229	39	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	45	64.4	+ 3.2	88	7†	36	12	2.82	−1.16	1.37	23-24	0	5	21	8	2	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	64.1	......	88	7	35	12	2.57	......	1.01	17	0	8	10	11	10	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	58	62.6	+ 1.6	87	7	31	12	1.96	−1.71	0.88	17-18	0	6	15	12	4	s.	University of Arkansas
Fordyce	Dallas	280	5	^{h}66.2	......	^{h}94	9	^{h}38	21	2.08	−0.28	1.90	24-25	0	5	....	....	....	......	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	65.0	+ 2.2	88	7	32	12	2.08	−0.91	0.78	17	0	7	....	....	....	......	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	8	....	......	......	......	......	......	4.01	......	1.32	22	0	6	21	3	7	......	Ft. Smith Water Dept
Fulton	Hempstead	260	60	....	......	......	......	......	......	3.83	+1.25	1.47	24	0	6	....	....	....	......	Ina J. Logan
Garland	Miller	225	3	....	......	......	......	......	......	2.61	......	1.66	24-25	0	5	....	....	....	......	L. D. Denney
Georgetown, 2 mi. se	White	200	33	....	......	......	......	......	......	1.44	−1.95	0.71	24	0	6	....	....	....	......	J. S. McDonald
Gilbert	Searcy	600	20	60.0	......	91	7	25	12	1.51	−2.69	0.51	19	0	7	17	6	8	s.	D. O. Dennis
Glenwood	Pike	547	10	....	......	......	......	......	......	1.78	......	0.51	19	0	8	....	....	....	......	C. A. Price
Grannis	Polk	950	26	63.1	− 0.4	88	9	36	11†	2.35	−1.86	0.70	18	0	10	15	5	11	s.	W. E. McVay
Gravette	Benton	1250	48	63.2	+ 3.1	88	7†	29	12	1.32	−2.63	0.75	23-24	0	6	13	12	6	sw.	J. A. Schmidt
Green Mountain***	Stone	1100	8	65.5	......	87	6	36	12	3.91	......	2.24	24	0	4	....	....	....	......	U. S. Forest Service
Harrison	Boone	1052	45	60.1	+ 0.4	85	6†	29	12	2.53	−0.70	0.92	23	0	5	....	....	....	......	R. C. Beene
Helena	Phillips	300	73	64.6	+ 0.7	85	6†	36	12	3.14	+0.43	1.95	24-25	0	5	17	5	9	ne.	James A. Burnett
Hope 3 miles e.	Hempstead	375	75	64.5	− 0.6	92	9	34	13	5.54	+2.35	3.15	24	0	6	13	9	9	e.	Univ. of Arkansas
Hot Springs	Garland	600	53	66.1	+ 1.2	91	8†	38	12	2.47	−0.75	0.89	19	0	8	22	1	8	s.	National Park Service
Index***	Little River	275	28	....	......	......	......	......	......	1.10	−1.76	0.50	25	0	4	....	....	....	......	W. E. McDowell
Jessieville	Garland	750	19	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	U. S. Forest Service
Jonesboro	Craighead	345	50	62.4	− 0.5	86	8	37	12	4.15	+0.88	2.73	24	0	6	16	7	8	sw.	Benedictine Sisters
Lead Hill	Boone	650	39	61.4	+ 1.0	90	8	25	12	2.29	−1.07	0.95	24	0	5	21	5	5	s.	F. W. Kellogg
Little Rock^{a}	Pulaski	257	66	64.1	+ 0.5	90	9	37	12	2.56	−0.15	1.00	23-24	0	7	15	4	12	s.	U. S. Weather Bureau
Lutherville, 2 mi. e.***	Johnson	775	47	64.8	+ 1.9	90	8	32	12	2.67	−1.42	1.20	23-24	0	6	18	5	8	e.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	....	......	......	......	......	......	2.75	−0.16	1.55	24	0	7	16	2	13	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	67.2	− 0.1	92	9	34	12	2.48	−0.50	0.99	23	0	6	17	7	7	se.	State Agri. School
Mammoth Spring	Fulton	600	41	60.5	+ 0.6	87	8†	28	12	1.28	−2.30	0.85	24	0	6	18	9	4	s.	L. A. O'Neal
Marianna	Lee	235	34	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	Univ. of Arkansas
Marked Tree	Poinsett	229	41	61.2	− 0.4	88	6	35	12†	2.89	−0.83	1.78	24	0	6	18	10	3	n.	Chas. Walton
Marshall	Searcy	1050	27	63.2	+ 1.8	89	8	29	12	1.53	−2.45	0.54	22	0	5	20	6	5	s.	Mrs. Minnie Horton
Mena	Polk	1207	57	64.3	+ 1.0	90	9	32	12	1.19	−2.50	0.50	19	0	8	15	9	7	sw.	E. W. St. John
Monticello	Drew	273	5	66.0	......	90	9	38	12	4.11	......	3.14	24-25	0	5	19	8	4	e.	Airway Observer
Morrilton***	Conway	315	29	63.0	− 0.6	91	9	34	12	1.98	−1.70	0.63	10†	0	4	17	6	8	se.	L. A. Dicus
Mountainburg	Crawford	712	8	....	......	......	......	......	......	4.04	......	1.14	23-24	0	6	20	5	6	s.	C. A Lovell
Mountain Home***	Baxter	800	33	61.8	+ 1.1	90	9	27	12	2.16	−1.80	0.75	23	0	5	18	3	10	s.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	61.6	− 0.4	88	8	28	12†	2.26	−1.45	0.91	19	0	4	16	9	6	w.	J. S. Whittington
Mulberry 6 mi. n***	Franklin	433	7	....	......	......	......	......	......	4.84	......	1.17	10†	0	7	....	....	....	......	H. G. Arvin
Nashville	Howard	350	7	65.1	......	91	9	33	12	3.61	......	0.94	24-25	0	9	12	13	6	sw.	Brice Carruth
Newport	Jackson	231	62	63.6	+ 1.2	92	9	34	12	3.24	+0.27	1.22	22	0	6	17	3	11	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	4	63.5	......	94	8	32	12	2.61	......	1.20	24	0	7	16	5	10	sw.	U. S. Engineers
Oden, 2 mi. w	Montgomery	800	18	....	......	87	7	......	......	2.98	−0.11	1.10	24	0	7	15	5	11	s.	U. S. Forest Service
Okay	Howard	288	17	65.8	− 0.2	91	9	34	13	3.15	+0.17	0.98	17	0	9	17	5	9	s.	J. T. Hargis
Osceola	Mississippi	250	45	....	......	......	......	......	......	3.06	+0.40	1.77	23	0	5	....	....	....	......	C. E. Carter
Ozark	Franklin	396	50	65.2	+ 1.6	91	8	29	12	2.38	−0.98	0.71	23-24	0	7	15	5	11	se.	Orkney O. Milton
Paragould	Greene	275	22	....	......	......	......	36	13	2.76	−0.18	1.60	25	0	3	18	10	3	ne.	Jeue J. Coffman
Parkin, 2 mi. w.	Cross	222	15	....	......	......	......	......	......	2.83	−0.36	1.24	24-25	0	6	18	5	8	......	Carroll King
Perryville	Perry	325	6	62.8	+ 1.7	94	9	30	12†	1.84	−1.66	0.73	17-18	0	7	17	12	2	s.	Gordon Bennett
Pine Bluff	Jefferson	215	58	66.4	+ 1.5	94	9	39	12†	2.47	−0.36	1.62	24	0	5	17	9	5	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	21	....	......	......	......	......	......	2.10	−1.93	0.55	19	0	8	14	4	13	nw.	J. R. Huddleston
Pocahontas	Randolph	300	52	62.9	+ 1.1	91	8	34	12†	3.31	0.00	1.10	24	0	7	19	7	5	s.	Benedictine Sisters
Portland	Ashley	122	39	66.2	+ 1.2	92	9	36	13	1.95	−0.99	1.00	24-25	0	5	18	6	7	s.	Mrs. Pearl Newton
Prescott	Nevada	318	57	66.4	+ 0.9	92	9	37	13	3.58	+0.95	1.90	24-25	0	6	19	7	5	s.	R. P. Hamby
Rogers	Benton	1300	55	62.8	+ 2.7	88	7†	30	12	2.02	−1.47	1.13	23-24	0	6	13	10	8	sw.	Howard Fowler
Russellville	Pope	526	33	64.8	+ 2.9	91	7	31	12	3.61	+0.60	1.50	22	0	8	15	7	9	e.	U. S. Forest Service
St. Charles	Arkansas	175	12	64.0	......	89	8	37	13	4.03	......	1.84	24-25	0	5	6	19	6	se.	U. S. Biological Survey
St. Francis	Clay	290	18	....	......	......	......	......	......	2.84	−0.64	2.12	24-25	0	4	22	0	9	......	Wm. S. Buckley
Searcy	White	245	35	63.8	+ 0.8	93	9	33	13	1.54	−1.59	0.83	24	0	8	18	2	11	se.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	5	63.0	......	91	9	32	12	2.96	......	1.40	24-25	0	7	14	10	7	e.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	63.0	......	88	8	31	12	1.73	......	1.06	24	0	5	14	12	5	s.	John Brown Univ.
Story	Montgomery	650	21	....	......	......	......	......	......	2.11	−1.29	1.26	23-24	0	5	22	6	3	s.	S. C. Story
Stuttgart	Arkansas	214	58	65.0	+ 1.0	89	9	38	12	3.69	+0.67	1.95	24	0	5	24	4	3	s.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	10	^{a}62.7	......	^{a}89	9*	^{a}33	12	3.39	......	1.50	24	0	6	21	5	5	......	University of Ark.
Subiaco	Logan	750	47	64.5	+ 0.5	90	8	35	12	2.13	−1.36	1.12	24	0	5	20	8	3	s.	New Subiaco Abbey
Texarkana	Miller	332	61	66.4	+ 0.6	89	9	40	12	2.54	−0.87	0.69	10	0	6	15	5	11	e.	U. S. Weather Bureau

Climatological Data for October, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike***	Pope	2240	21	62.4	......	85	8	38	12	3.35	−1.64	1.95	24	0	8	18	6	7	sw.	U.S Forest Service
Waldron	Scott	675	26	63.5	......	89	8	28	12	2.45	−1.42	1.00	17	0	6	13	14	4	se.	William D Bivens
Warren	Bradley	206	51	66.0	+ 1.1	88	5†	36	13	2.25	−0.92	1.18	25	0	7	22	5	4	sw.	C. N Turner
Whitecliffs	Little River	290	39	....	......	......	......	......	......	2.54	−0.59	1.12	10–11	0	5	...	...	...	...	L. M. Snead
White Rock***	Franklin	2285	9	62.2	......	83	7	37	12	4.11	......	1.20	23	0	8	20	8	3	se.	U. S. Forest Service
Wilson	Mississippi	237	20	....	......	......	......	......	......	....	......	....	......	......	...	...	...	...	......	D. O. Anderson
Wynne	Cross	167	37	....	......	......	......	......	......	....	......	....	......	......	...	...	...	...	......	Guy B. Upton
State Means	......	....	..	63.7	+ 0.9	94	8†	25	12	2.79	−0.37	3.46	24	0	6	17	7	7	s.	

Daily Precipitation for October, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas											.34					.27		.12		.12			.25	.11								1.21
Alum Fork Reser.	Arkansas										.05					T.	.05	T.	1.17	.60					.30	.07					T.	.02	2.26
Aplin[2]	Arkansas										T.	.26					.04	.02	.83	.09	.18			.04	.04	.36							1.86
Arkadelphia[2]	Ouachita										T.	1.07					.15	.19	T.		.20					.73							2.34
Arkansas City[2]	Mississippi										T.	.97					.16		.21		T.					3.01							4.35
Ashdown[2]	Red										.15	.25					.79	.02	.92	T.	.05	T.		.02		.64							2.84
Augusta[2]	White											.10					.09		.04		.19			2.57	T.	1.45							4.44
Batesville Air'y[3]	White										.15	.20						.17		.13			.79	1.12	2.16								4.72
Batesville Livestk[2]	White											.86							.50					2.00	T.	2.78							6.14
Batesville River[2]	White											.19							.20		.11		.04	1.74	.08	2.14							4.50
Beaty Lake	St. Francis										T.	.06					.10		.29	.22			1.22	.22	T.	1.46			T.				3.57
Beaver[2]	White										.01	.27							.13				.07		2.00	.31							2.79
Bee Branch	Arkansas										.17							.11		.40			T.		*	1.37							2.05
Beech Grove[2]	White											.26							.08				T.	.01	.15	2.57							3.07
Beedeville[2]	White											T.	T.					T.			T.			1.50		.85							2.35
Benton[2]	Saline											.29					.07	.19			.77				.04	.86							2.22
Bentonville[2]	Arkansas										T.	.30							.44				.07		.27	.29						T.	1.37
Bethesda[2]	White											.86							.46		T.		.95	1.45		2.80		T.					6.52
Big Flat[2]	White											.24					.05			.35			.31	.93	.98								2.86
Big Lake Outlet[2]	St. Francis											T.	T.				T.		.08		T.			.60	.61	2.70				T.			3.99
Black Rock[2]	White											.17							.13				.04	.18	.30	2.80	.74						4.36
Bluff City	Ouachita																																.....
Blytheville[2]	St Francis											.15							.08				.08	.71	.95	2.00							3.97
Booneville 3 mi. w	Arkansas										.02	.22					.18		.04	.08			.05	.18	.34								1.11
Booneville[2]	Arkansas																																.....
Boughton[2]	Ouachita											.70					.76		.80							1.85							4.11
Bradford[2]	White											.20						.02	.01		.27			1.62	T.	.97							3.09
Brinkley[3]	White										T.	.17				.04	.04	.21	.06	.19			.04	.01	1.36	.22							2.34
Burdette	Mississippi											.55												1.15	.37	1.84							3.91
Calico Rock[2]	White											.04							T.		.41		.15	.55	.29	1.20							2.64
Camden[2]	Ouachita										.02	.10					.88		1.57			.01				2.05							4.63
Camp Chaffee[2]	Arkansas											.05					.09	T.	.15	.24	T.		.16	.61	.26	T.							1.56
Camp Robinson[1]	Arkansas																																.....
Carlisle[2]	Arkansas																			.45					1.05								1.50
Clarendon[2]	White											.04					.04	.06	.07		.23				.02	.91							1.37
Cold Springs[2]	Ouachita											.30					.33		.85		.60			.04	.15	.76							3.03
Conway	Arkansas										.12	.25					T.		.52	.85			.10	T.	.17								2.01
Corning[2]	White											.45							.16		.02		.20	.04	.01	1.44							2.32
Cotter[2]	White											.38						T.	.42	.23	.14			.73	.11	.43							2.44
Crossett	Ouachita										.02	.76					.63		.12							.70							2.23
Crystal Valley[2]	Arkansas											.19					.30	T.		.50					.80								1.79
Cummins Farm	Arkansas											T.					T.			1.05													1.05
Danville[2]	Arkansas											.10					.01		.52		.37			.06	.05	1.02							2.13
Dardanelle[2]	Arkansas										.04							.14	.20		.53		.22	.05		.80							1.98
De Queen	Red										.18	.32					.46	T.	2.06	1.26					.47								4.75
Dermott[2]	Mississippi											.83					.16		.30		.05					2.30							3.64
Des Arc[2]	White											.02							.66		.36			T.		1.41							2.45
Devils Knob	Arkansas										T.	.35						.16	*	*	.97		.34		.82								2.64
Dumas	Mississippi										T.	.12					.12	T.	.13	.02	.20					1.57							2.16
Eagle Gap[2]	Arkansas									T.	.05	.30							T.	.13	.07				.96	1.76						.10	3.37
El Dorado	Ouachita										1.02									.40						1.80							3.22
Eleven Point[2]	White											.30						T.	.06				.37	.42		1.58							2.73
England	Arkansas																																.....
Eureka Springs	White											.30						.17	.13					.85	1.37								2.82
Evening Shade[2]	White											.09							.15		T.		T.	.91	.34	1.54							3.03
Fayetteville	White									T.	.34	.02					.01	1.01		.24			.04	.09	.82						T.		2.57
Fayetteville Exp. S	White									T.		.28					T.	.18	.70	.12		T.	T.	.13	.55						T.	T.	1.96
Fordyce	Arkansas										.04	.04							.08		.02				T.	1.90							2.08
Forester[2]	Arkansas											.38								1.01	.09				.42	1.11							3.01
Fort Smith[1]	Arkansas										.24	T.					.03	.78		.16			.50	.05	.32						T.		2.08
Fort Smith W.[2]	Arkansas											.80							.31	.52				1.32	.46	.60							4.01
Fulton[2]	Red										.57	.12					.42		1.20					.05		1.47							3.83
Garland[2]	Red										.11	.40					.29	.15	T.							1.66							2.61
Georgetown[2]	White											.05					.07		.18		.25			.18		.71							1.44
Gilbert[2]	White										T.	.09						.06	.03	.05	.46		.42	T.	T.	.40							1.51
Glenwood[2]	Ouachita											.37					.36	.12	.08	.30	.21				.05	.29							1.78
Grannis[2]	Red									.03	.46					.44	.04	.29	.55	.15				.14	.24						T.	.01	2.35
Gravelly[2]	Arkansas										.03	.30					.05		.69	.05	.04				.17	.95						T.	2.28
Gravette	Arkansas									.02		.20						.30				.05		.37	.38								1.32
Green Forest	White											.55							.75						.62	.44							2.36
Green Mountain	White											T.							T.	.36			.73	.58	2.24								3.91
Greenwood[2]	Arkansas										.52								.58	.77	T.	.74	.65	.60		.25							4.11
Harrison	White											.39					.16	.23						.92	.83								2.53
Helena[2]	Mississippi											.18					.04				.94				.03	1.95							3.14
Henderson[2]	White																																.....
Hope[2]	Red											.25					.34	.12	1.66		.02	T.				3.15							5.54
Hot Springs	Ouachita										.12	.40					.17	.07	.14	.89					.18	.50							2.47
Huttig Lock 7, Dam 6[2]	Ouachita										.02	.64					.28	.30	.19		.04					.41							1.88
Index[2]	Red										.10	.25						.25									.50						1.10

Daily Precipitation for October, 1946, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jessieville	Ouachita											.34							.07		.05			.55	.41	2.73							4.15
Jonesboro[2]	White																	.05		.27			.27										0.59
Lake City[2]	St. Francis											.31					T.	T.	.43	.20			T.	.40	.95								2.29
Lead Hill	White										.10	.04				T.	.42	.46		.54				.01	.99						T.	T.	2.56
Little Rock[1]	Arkansas											.46							.69		.04		.03	2.45	.05	3.46							7.18
Lock & Dam No. 3[2]	White											.20						.12	.33		.26			.17	.54	.16							1.78
Lurton[2]	White										.07							.07	.59	.53				.21	1.20								2.67
Lutherville	Arkansas											.10					.10	.05	.30		.20			.45		1.55							2.75
Madison[2]	St. Francis										.13						.55		.29	.42	.10				.99								2.48
Magnolia	Red																	.02	.12	.10			.12		.07	.85							1.28
Mammoth Spg[2]	White																																......
Marianna[2]	St. Francis											.17							.08		.07			.79	.27	1.51							2.89
Marked Tree[2]	St. Francis											.30						.14	.10				.54			.45							1.53
Marshall[2]	White											.16								.81						1.83							2.80
Marvell[2]	White										T.	.07						.02			.09		.70	.77	.31	.22							2.18
Melbourne[2]	White										.01	.18					.09	.02	.18	.50	T.				.05	.16					T.	T.	1.19
Mena[2]	Ouachita										T.	.23					.30		.44	T.					1.86	1.28							4.11
Monticello[1]	Ouachita											.60					.31	.08	.37		.08					1.92							3.36
Morobay[2]	Ouachita											.63							T.		.53		.19	T.	T.	.63							1.98
Morrilton[2]	Arkansas											.87					T.	.27	.08	.60			1.08		1.14								4.04
Mountainburg	Arkansas											.18							.50	.25				.75	.48								2.16
Mountain Home	White																	.41		T.	T.		1.11	1.51	1.97	1.04							6.04
Mountain View[2]	White											.25					.20			.91					.90								2.26
Mount Ida	Ouachita										T.	1.17					T.	.08	1.17	.28				1.00	.22	.92							4.84
Mulberry[2]	Arkansas										.49	.43				.15	.20	.09	.75	.56			T.		.92	.02							3.61
Nashville	Red																																......
Newhope[2]	Ouachita											.35							.25		.25			1.22	.32	.85							3.24
Newport[2]	White											.23					.03		.90	.13	.10				.02	1.20							2.61
Nimrod Dam[2]	Arkansas										T.	.85						T.	.48	.55	T.			.90	.75	.25							3.78
Oark[2]	Arkansas											.49					.02		.63	.20				.62	.88	.04						.04	2.92
Odell[2]	Arkansas										.70	.19					.05	.08	.03	.83					1.10								2.98
Oden	Ouachita										.29	.18					.34	.04	.94	.56	.03				.43	.34							3.15
Okay	Red											T.								.12			.92	.23	1.77				.02				3.06
Osceola[2]	Mississippi			T.								T.					T.	.44	.55	.16	.10			.42	.18	.53							2.38
Ozark[2]	Arkansas																						.36		.80	1.60							2.76
Paragould	St. Francis											.29							.41		.19			.70	.07	1.17							2.83
Parkin[2]	St. Francis										T.	.32							.73	.04	.28		.25		.04	.18							1.84
Perryville[2]	Arkansas											.12					.11	.02			.60					1.62							2.47
Pine Bluff[2]	Arkansas										.04	.25					.11		.34	.38	.55				.07	.36							2.10
Pine Ridge[2]	Ouachita										.11	.90							.34	.41			.20	.25	1.10								3.31
Pocahontas	White										T.	.55	.05				.15		.20							1.00							1.95
Portland[2]	Ouachita										T.	.35					.30	.10	.92		.01			T.	T.	1.90							3.58
Prescott[2]	Ouachita																																......
Ratcliff[2]	Arkansas										.51						.04	.65	.60	.10		.04	.27		1.06								3.27
Red Star	White									.02	.36						T.	.41				T.	T.	.11	1.02							.10	2.02
Rogers	White																																....
Rosebud	Arkansas										.03	.04					.03	T.		.68			1.50	.26	.70	.37							3.61
Russellville	Arkansas											.15					.06	.29			1.69					1.84							4.03
St. Charles[2]	White											.22							.15				.35			2.12							2.84
St. Francis[2]	St. Francis											.07					.21	.02	.03		.26			.11	T.	.83		T.		.01			1.54
Searcy[2]	White										.11	.27					.25		.18	.71					.04	1.40					T.	T.	2.96
Sheridan	Ouachita										.14							T.	.30	.36			.35	.06		.95							2.16
Shirley[2]	White									T.	.05						T.	.28		.10			T.	.24	1.06								1.73
Siloam Springs	White															.20		.21		.30					1.43								2.14
Sparkman	Ouachita										.23	.01					.28		1.27	.09			.03			1.94					.01	.01	3.87
Stamps	Red																																......
Stephens[2]	Ouachita																		1.16							.70							1.86
Steve[2]	Arkansas										.15								.21		.49				.28	.98							2.11
Story[2]	Ouachita																*	.78	.02		.94					1.95							3.69
Stuttgart[2]	Arkansas										.02						.10	.52	.07		1.18					1.50							3.39
Stuttgart Evap[2]	Arkansas										T.						.24		.07	T.	.50		.20			1.12							2.13
Subiaco[2]	Arkansas										T.	.15					.15		.16		.23			.16	.22	.72							1.79
Sugar Grove[2]	Arkansas											.41							.09		.36			.50		1.21							2.57
Sugar Loaf Mt[2]	White										.69					.32	.36	.58		T.	T.		.01		.58					T.		T	2.54
Texarkana[3]	Red																				.60					1.49							2.09
Tichnor[2]	White										.04	.29						.10	.54	.28	.02			.13	1.95								3.35
Turnpike	Arkansas																			.15		.75		.31	.62	.60							2.43
Viola[2]	White											.10							1.00		.40			.17	.18	.60							2.45
Waldron[2]	Arkansas										T.							T.	T.				1.62	.60	1.25	1.10							4.57
Walnut Grove	White										.03	.13					.32		.35	.20	.04					1.18							2.25
Warren	Ouachita										.07	1.05					.35				.35					.72							2.54
Whitecliffs[2]	Red										.05	.71					.03	.40	.35	.59			T.	1.20	.78								4.11
White Rock	Arkansas																																......
Wilson[2]	Mississippi																																......
Wynne	St. Francis																																

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for October, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.260	.038	.286	.158	.202	.188	.222	.186	.210	.114	.136	.200	.153	.105	.214	.110	.146	.090	.104	.001	.171	.126	.088	.102	.080	.090	.202	.094	.070	.138	.078	4.362
	Mean tem.	52	52	57	62	64	66	66	66	69	62	57	44	51	56	56	52	69	57	48	56	54	57	66	64	59	58	58	66	70	70	71	59.9
	Wind move	24	24	39	19	43	42	28	18	28	10	72	46	44	33	7	33	29	120	13	6	14	33	16	58	56	9	27	26	45	61	89	1,112
Hope Exp. Farm	Evap.	.235	.192	.183	.167	.215	.219	.213	.185	.181	.035	.188	.063	.144	.260	.166	.108	.064	....	.141	.077	.012	.070	.170	.039	....	.143	.109	.122	.078	.127	.060	3.966
	Mean tem.	60	60	64	68	70	74	72	73	76	68	58	52	54	58	60	58	68	61	58	54	60	65	68	71	64	60	64	66	70	72	74	64.5
	Wind move	50	26	21	19	26	37	24	15	10	15	45	50	30	20	15	16	24	47	32	27	14	11	22	29	48	24	16	15	22	37	23	810
Nimrod Dam	Evap.	.206	.198	.196	.188	.254	.236	.228	.272	.206	.202	.094	.160	.192	.180	.174	.128	.068	.110	.080	.074	.122	.130	.110	.120	.214	.174	.154	.126	.110	.138	.064	4.908
	Mean tem.	59	58	62	74	62	73	72	74	74	66	59	52	54	59	60	62	68	59	52	58	58	62	69	67	60	59	60	66	72	71	72	63.6
	Wind move	16	32	10	19	21	4	5	27	28	28	54	69	30	30	11	10	11	115	10	8	4	4	5	43	23	14	14	15	15	37	20	732
Russellville	Evap.	.162	.165	.134	.174	.244	.172	.190	.165	.131	.144	.096	.132	.138	.116	.124	.072	.042	.076	.108	.052	.076	.170	.134	.100	.136	.128	*	.178	.086	.084	.092	3.821
	Mean tem.	58	58	63	70	70	72	70	73	74	71	62	51	54	58	60	66	70	60	56	56	58	66	70	70	60	60	62	71	73	73	74	64.8
	Wind move	14	15	13	31	33	20	9	5	6	17	42	25	15	6	9	7	10	3	55	6	8	13	16	20	12	11	15	10	12	12	22	492
Stuttgart Rice Exp. Farm	Evap.	.147	.157	.133	.144	.285	.070	.168	.051	.232	.073	.137	.122	.124	.131	.223	*	.043	.201	.113	.005	.062	.074	.088	.094	.162	.115	.090	.049	.109	.140	.054	3.596
	Mean Tem.	57	58	63	66	69	70	70	68	70	65	62	50	52	56	....	....	64	58	53	58	58	58	64	69	63	58	62	66	71	70	70	62.7
	Wind move	40	30	20	30	40	35	30	5	10	20	70	25	25	25	5	*	75	135	30	30	10	10	35	15	180	25	10	35	50	70	60	1,180

Daily Temperatures for October, 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	75	75	82	83	85	86	90	89	90	90	71	68	70	71	68	80	79	74	68	66	73	78	83	73	72	75	80	85	85	78	80	78.1
	Minimum	42	40	44	52	55	55	55	58	58	57	42	37	38	38	40	50	60	46	50	48	41	52	55	61	51	42	44	57	60	64	63	50.2
Arkadelphia	Maximum	74	71	79	85	87	87	89	89	89	90	75	66	69	73	78	78	72	83	73	59	60	70	77	84	80	73	77	83	84	86	80	78.1
	Minimum	43	42	44	45	54	57	55	55	55	56	51	35	35	36	38	40	52	46	45	47	42	43	52	56	50	47	43	45	58	58	59	47.9
Ashdown	Maximum	76	72	83	85	86	88	87	89	91	88	67	71	72	78	77	71	79	75	68	64	73	81	81	79	76	76	82	83	78	79	84	78.7
	Minimum	39	39	41	51	58	62	49	55	61	62	48	31	33	34	38	45	57	43	47	45	48	51	55	65	44	40	43	40	57	64	67	48.8
Batesville Air	Maximum	71	74	82	85	85	88	85	90	92	73	67	71	73	80	80	74	81	71	57	70	75	66	79	69	75	76	77	81	84	80	82	77.2
	Minimum	38	36	38	47	52	50	50	48	48	56	47	33	38	37	39	52	58	45	41	44	39	54	57	57	46	44	44	57	61	62	62	47.7
Batesville, Livestk	Maximum	72	75	81	83	85	87	87	90	92	72	61	60	72	79	79	66	78	70	57	69	74	65	79	68	74	76	76	83	83	77	81	75.8
	Minimum	34	31	34	44	47	49	47	46	46	52	51	30	30	33	33	47	59	44	39	44	35	47	54	58	43	44	40	53	62	63	60	45.1
Bee Branch	Maximum	77	80	83	85	86	90	93	92	91	85	70	68	72	80	80	73	79	73	68	70	73	74	78	77	74	76	80	82	83	85	81	79.3
	Minimum	37	35	38	47	50	52	51	50	50	54	49	28	31	34	37	48	60	42	40	43	38	49	57	61	43	39	41	58	58	63	59	46.5
Benton	Maximum	75	77	83	85	86	87	89	90	91	73	64	71	72	78	79	70	83	79	74	63	73	79	83	77	74	76	82	85	85	79	83	78.9
	Minimum	34	33	35	39	40	45	46	46	49	52	51	27	28	30	33	41	55	42	40	37	35	38	49	51	42	34	36	43	53	59	63	42.1
Bentonville	Maximum	63	78	83	85	85	86	82	88	78	79	57	62	70	77	79	78	72	66	69	68	71	74	71	76	75	75	79	79	81	83	81	75.8
	Minimum	38	40	44	51	55	45	48	50	55	55	45	31	35	37	41	45	56	41	42	34	36	47	51	60	37	42	43	52	60	62	65	46.5
Bethesda	Maximum	70	74	82	83	84	86	87	89	92	72	62	60	72	79	79	70	79	69	58	68	73	66	79	68	74	76	77	82	83	77	82	75.9
	Minimum	34	30	32	41	45	46	46	44	46	53	52	29	30	32	33	35	59	45	37	44	34	47	53	60	44	41	38	51	57	62	60	43.9
Bluff City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Blytheville	Maximum	68	72	80	84	85	90	88	90	88	82	71	78	72	78	80	79	80	75	60	69	74	74	73	70	78	77	83	79	83	83	84	78.3
	Minimum	42	42	42	51	56	54	53	52	53	58	52	38	40	41	44	46	58	48	43	42	40	55	59	52	53	45	46	62	60	61	63	50.0
Booneville	Maximum	77	79	85	88	87	90	90	92	91	83	72	73	75	82	84	74	78	72	68	77	78	85	85	78	79	80	82	85	81	82	80	81.0
	Minimum	40	42	48	60	62	61	51	62	58	57	52	30	34	36	42	52	65	40	45	43	42	54	59	65	43	41	50	56	66	70	68	51.4
Brinkley	Maximum	71	74	81	83	84	87	85	86	90	80	70	68	71	77	79	66	84	70	61	70	75	71	78	79	72	76	81	83	84	82	84	77.5
	Minimum	39	35	37	44	49	52	51	48	48	58	50	33	32	35	35	55	58	41	40	42	37	47	59	58	44	38	43	59	58	58	62	46.6
Camden	Maximum	76	78	88	88	87	88	91	92	92	93	80	70	72	76	88	82	71	82	75	71	58	77	82	86	81	75	78	64	82	86	86	80.5
	Minimum	37	37	37	45	50	55	53	50	53	53	55	33	30	33	36	39	55	45	44	49	42	44	50	55	50	39	41	43	56	55	60	45.9
Camp Robinson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Conway	Maximum	78	81	86	88	89	91	92	93	94	78	71	72	75	81	82	71	81	76	65	69	76	78	82	75	75	79	84	88	87	80	83	80.6
	Minimum	36	35	39	50	52	54	49	52	52	58	53	32	36	35	38	58	60	44	43	45	40	51	57	61	45	41	42	58	58	62	62	48.3
Corning	Maximum	70	75	81	84	85	88	87	87	87	79	66	69	81	79	79	77	79	76	62	70	73	72	83	70	74	76	80	82	82	82	83	78.0
	Minimum	38	37	39	44	48	49	50	47	49	55	55	33	47	35	39	47	58	49	41	41	37	54	57	58	46	40	42	59	61	62	64	47.8
Crossett	Maximum	75	78	84	85	87	87	88	88	91	87	76	68	73	79	80	70	85	75	83	75	75	84	84	80	77	76	83	80	85	81	82	80.7
	Minimum	41	42	44	50	53	55	52	48	50	63	56	38	34	37	41	57	54	54	45	54	52	45	53	55	56	39	56	58	56	57	61	50.2
Cummins Farm	Maximum	72	75	79	84	85	85	87	86	80	81	75	69	71	72	79	80	85	78	79	78	76	81	81	80	75	74	82	80	83	79	82	79.1
	Minimum	45	43	56	50	51	54	57	51	51	62	56	34	35	39	39	42	53	52	54	52	54	51	59	57	56	52	46	60	59	59	62	51.3
Dardanelle	Maximum	77	77	85	86	87	88	90	89	89	85	71	72	74	80	81	78	79	77	72	68	77	78	80	79	77	79	81	85	85	82	86	80.5
	Minimum	40	40	38	54	56	60	52	58	58	59	54	33	35	36	41	57	65	44	45	45	42	53	59	65	46	43	44	57	61	66	65	50.7
De Queen	Maximum	72	74	80	83	84	85	84	86	88	76	70	67	69	76	73	69	75	74	65	68	68	78	80	78	75	74	78	80	78	77	79	76.2
	Minimum	40	46	46	62	58	63	65	59	60	60	48	30	34	36	40	56	62	44	49	44	48	53	53	67	46	42	46	56	62	66	65	51.8
Des Arc	Maximum	70	72	80	82	81	85	83	85	86	75	72	69	72	71	77	67	85	80	69	69	75	72	77	79	79	76	81	84	86	83	83	77.6
	Minimum	39	39	41	48	62	53	50	54	48	58	54	32	34	34	37	55	57	46	45	50	39	50	57	60	60	40	45	60	57	60	61	49.2
Devils Knob	Maximum	69	70	76	77	73	80	83	86	82	76	67	63	65	73	73	67	64	....	....	....	68	73	70	67	70	....	73	76	71	72	69	d72.3
	Minimum	42	46	52	58	56	59	61	63	65	59	44	35	45	48	52	53	57	....	....	....	48	54	58	60	44	....	53	59	62	63	62	d54.0
Dumas	Maximum	74	74	83	85	86	86	87	87	91	84	76	68	72	77	79	69	86	80	78	64	73	83	82	81	75	75	82	80	85	80	83	79.5
	Minimum	42	41	38	50	53	56	53	51	52	62	57	36	34	36	42	56	54	52	43	51	48	47	52	63	55	41	46	61	58	57	61	49.9
El Dorado	Maximum	75	76	84	85	87	87	86	88	87	72	68	67	72	77	77	71	76	74	73	58	74	78	84	79	70	79	81	79	84	80	77	77.6
	Minimum	42	45	44	57	56	62	53	52	57	66	57	38	36	40	42	56	58	55	48	54	51	50	55	63	59	42	47	59	61	60	65	52.6
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Miuimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Eureka Springs	Maximum	74	78	82	86	83	85	88	88	77	80	62	65	69	75	79	76	74	69	68	65	70	77	70	75	70	76	77	79	79	81	76	75.9
	Minimum	42	45	49	59	60	60	54	62	59	61	46	36	43	49	51	58	62	42	47	39	45	58	58	59	41	51	49	59	66	68	59	52.8
Fayetteville	Maximum	78	79	82	86	84	86	88	87	77	79	61	66	70	76	80	68	72	65	68	68	71	75	74	77	71	76	78	79	79	82	77	76.1
	Miuimum	37	46	52	62	64	62	49	59	59	56	46	35	41	42	49	56	58	42	45	37	41	59	61	59	40	49	51	60	65	68	66	52.1
Fayetteville Exp. S	Maximum	76	75	80	84	82	85	87	86	77	81	72	68	70	76	79	70	73	70	67	69	70	75	74	76	73	74	77	79	78	81	76	76.1
	Minimum	34	44	45	55	62	58	46	55	55	55	43	31	39	40	37	53	60	39	42	34	40	57	59	63	36	47	44	53	62	66	64	49.0
Fordyce	Maximum	....	....	....	....	....	....	....	....	94	78	76	71	75	82	82	73	85	79	73	61	77	77	87	80	76	77	83	80	85	85	84	h79.1
	Minimum	....	....	....	....	....	....	....	....	42	66	56	45	43	43	43	57	60	48	51	51	38	53	60	65	60	45	51	62	63	62	65	h53.4
Fort Smith	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Gilbert	Maximum	75	79	84	87	86	90	91	90	89	89	61	69	72	81	81	72	78	72	64	68	76	78	81	75	76	78	81	84	84	81	84	79.2
	Miuimum	35	35	32	38	44	45	40	44	46	48	51	25	27	28	30	34	43	46	36	32	37	39	57	54	38	33	34	40	52	63	60	40.8
Grannis	Maximum	73	74	79	82	82	84	84	86	88	72	59	63	69	76	74	68	72	73	64	71	68	78	80	75	74	72	77	79	75	77	76	75.0
	Minimum	44	45	56	55	57	56	59	60	58	48	36	36	40	46	54	55	42	45	48	46	48	57	58	45	44	47	53	58	63	63	66	51.2
Gravette	Maximum	77	80	82	83	84	85	88	88	80	80	60	67	69	75	80	73	72	66	71	70	72	73	70	76	77	77	80	80	80	84	80	76.7
	Minimum	40	43	45	50	57	58	49	53	58	56	44	29	45	40	44	56	63	41	44	33	42	56	60	60	50	35	47	50	57	67	66	49.6
Green Mountain	Maximum	80	72	80	83	86	87	85	84	90	78	73	70	70	78	80	75	74	74	68	..	80	70	77	70	72	..	..	..	..	..	..	g77.3
	Minimum	44	49	54	57	60	62	62	62	62	61	48	36	46	49	55	55	60	44	44	..	45	54	54	60	45	..	..	..	..	..	..	g53.7
Harrison	Maximum	71	70	80	82	78	85	81	85	81	75	68	64	65	73	76	71	74	61	70	60	70	79	77	72	66	75	76	80	75	81	75	74.1
	Minimum	34	35	37	48	56	48	43	49	50	54	48	29	31	32	35	49	60	40	44	37	35	54	60	56	39	38	39	54	64	66	64	46.1
Helena	Maximum	68	74	80	82	83	85	85	82	85	81	74	64	70	75	76	68	81	76	65	66	73	71	74	75	74	75	81	80	81	82	81	76.4
	Minimum	45	43	50	56	59	59	59	52	52	65	54	36	40	42	49	55	56	51	46	50	46	54	58	59	53	46	53	64	61	60	63	52.8
Hope	Maximum	77	78	85	86	87	89	90	91	92	76	65	70	73	80	80	73	80	75	68	61	76	82	83	82	76	78	83	84	84	82	84	79.7
	Minimum	43	42	44	49	53	58	54	55	59	61	51	35	34	36	40	42	57	47	48	49	44	48	52	60	51	42	44	47	57	62	64	49.3
Hot Springs	Maximum	77	79	85	86	87	90	90	91	91	84	70	71	73	79	78	70	77	75	72	67	73	78	82	73	75	77	82	83	85	74	79	79.1
	Minimum	45	45	58	58	52	60	57	60	62	63	51	38	45	44	46	56	46	45	51	48	43	55	59	64	48	47	47	59	64	64	65	53.1
Jonesboro	Maximum	67	74	80	83	83	85	84	86	85	72	69	68	71	76	78	72	80	76	58	68	72	69	77	68	70	75	79	81	83	80	81	75.8
	Minimum	43	41	43	47	48	52	53	52	54	55	54	37	40	38	41	50	57	46	42	46	41	52	55	58	49	42	45	58	60	57	62	49.0
Lead Hill	Maximum	74	80	85	87	86	89	89	90	87	82	67	68	73	80	81	71	78	70	68	68	70	81	75	78	75	80	81	83	82	86	85	79.0
	Minimum	32	31	32	43	51	46	41	41	42	52	50	25	29	29	33	46	59	46	38	36	33	55	59	55	36	36	36	51	62	62	67	43.7
Little Rock	Maximum	70	73	80	83	84	85	85	85	90	74	69	69	70	75	77	66	82	70	58	59	73	76	80	77	71	74	80	85	85	79	83	76.4
	Minimum	49	44	46	53	54	57	58	56	56	64	51	37	38	39	44	58	59	48	46	46	42	52	60	61	49	45	47	62	59	64	63	51.8
Lutherville	Maximum	75	76	83	84	85	87	84	90	86	76	68	63	71	78	80	76	70	71	60	68	74	77	78	73	74	75	79	83	82	83	82	77.1
	Minimum	45	45	49	58	58	60	60	62	61	59	50	32	47	42	48	51	62	41	43	45	45	53	58	63	43	44	49	60	60	62	63	52.4
Magnolia	Maximum	76	77	85	84	87	86	88	90	92	84	78	71	75	79	74	71	83	75	78	66	76	84	83	84	77	76	83	81	86	84	85	80.6
	Minimum	43	47	51	61	60	65	55	55	51	66	56	34	40	38	41	57	58	49	54	52	51	55	57	65	52	43	52	62	64	62	66	53.7
Mammoth Spring	Maximum	70	73	79	81	84	86	85	87	87	80	70	67	70	78	77	78	76	75	65	66	70	69	75	73	72	83	84	82	80	80	82	76.9
	Minimum	35	33	34	40	41	42	44	43	46	49	52	28	29	30	33	40	59	48	38	40	56	50	55	52	40	36	45	50	56	61	62	44.1
Marianna	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Marked Tree	Maximum	70	76	80	83	84	88	87	83	87	83	62	69	71	79	79	76	82	68	62	70	75	65	74	73	70	75	80	80	83	83	83	76.8
	Minimum	43	39	40	41	46	50	50	50	50	50	50	35	35	35	36	40	49	47	40	40	39	40	55	59	52	41	41	50	58	58	59	45.7
Marshall	Maximum	70	70	82	85	85	88	88	89	86	74	67	68	70	80	79	69	77	70	64	67	73	74	79	69	70	77	79	82	81	79	83	76.6
	Miuimum	35	35	40	57	58	61	46	50	54	57	49	29	45	35	44	57	62	44	46	45	37	55	60	61	40	39	48	62	66	65	66	49.9
Mena	Maximum	74	76	82	84	84	86	87	88	90	76	67	69	72	79	80	70	73	73	68	72	75	83	82	78	74	77	80	79	75	75	78	77.6
	Minimum	40	42	44	57	61	59	53	59	61	59	46	32	38	39	42	54	61	39	46	44	44	52	60	64	45	43	45	55	66	65	65	51.0
Monticello	Maximum	75	77	82	83	86	86	88	88	90	81	68	69	71	78	78	70	83	72	77	69	76	82	84	78	71	75	81	78	85	76	79	78.3
	Minimum	49	42	50	56	57	59	58	54	55	67	53	38	45	44	48	56	58	52	50	53	40	52	59	62	52	50	54	63	62	60	65	53.6
Morrilton	Maximum	75	78	84	85	87	88	90	89	91	72	64	70	72	79	80	73	81	72	61	65	76	77	80	72	73	76	82	84	85	77	84	78.1
	Minimum	39	37	40	44	56	56	50	52	53	58	53	34	35	36	38	41	59	44	44	48	42	43	54	59	48	43	41	48	59	63	64	47.8
Mountain Home	Maximum	73	77	82	85	86	89	88	88	90	81	70	70	72	79	80	70	78	67	60	65	73	74	77	74	75	79	80	83	82	82	84	77.8
	Minimum	35	33	37	45	49	49	44	48	50	54	50	27	32	33	36	46	60	46	41	38	36	54	58	59	38	40	41	54	60	64	66	45.9
Mt. Ida	Maximum	74	75	81	85	82	86	87	88	87	73	67	71	71	80	77	73	75	68	68	74	72	81	83	76	76	77	80	84	82	75	82	77.7
	Minimum	35	34	36	44	48	48	46	53	57	55	50	28	28	30	32	57	50	40	49	42	40	47	55	63	39	34	35	49	57	62	63	45.4
Nashville	Maximum	74	76	82	84	85	86	87	89	91	76	72	69	72	78	77	72	78	75	68	62	72	81	83	80	75	77	80	84	82	80	81	78.3
	Minimum	47	44	47	60	57	64	57	58	58	55	49	33	36	48	43	57	61	43	50	43	47	52	57	62	47	44	48	55	59	65	62	51.9

Daily Temperatures for October, 1946, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	71	74	82	84	85	88	87	90	92	77	69	72	73	79	81	73	84	76	57	70	74	64	78	75	75	78	81	83	85	80	83	78.1
	Minimum	44	39	39	46	48	51	52	50	50	56	55	34	37	37	40	50	59	48	42	50	41	52	58	62	51	42	44	58	62	62	62	49.1
Nimrod Dam /	Maximum	78	80	85	86	88	91	91	94	91	73	64	71	73	82	82	74	77	73	63	70	70	80	83	74	75	78	81	84	85	78	82	79.4
	Minimum	40	36	40	51	37	55	52	55	57	59	54	32	34	36	39	49	58	45	42	45	41	44	55	60	45	40	40	49	58	64	63	47.6
Oden	Maximum	75	78	78	78	79	80	87	86	85	74	62	63	64	76	73	68	71	70	66	71	78	76	76	77	67	68	72	66	67	72	57	72.9
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Okay	Maximum	75	82	84	85	86	87	89	90	91	89	78	74	71	79	78	75	80	77	75	62	75	82	82	81	79	79	82	83	79	84	84	80.5
	Minimum	39	43	44	60	57	64	52	58	59	62	62	42	34	36	41	56	61	46	41	46	46	52	54	66	47	42	46	45	59	63	65	51.2
Ozark	Maximum	87	87	83	85	86	89	90	91	87	80	72	68	63	79	81	69	76	74	62	68	72	80	80	80	75	77	80	82	80	79	80	78.8
	Minimum	40	47	46	63	60	62	53	62	59	68	52	29	35	38	46	53	62	43	47	41	44	56	52	62	43	42	50	55	63	64	67	51.7
Paragould	Maximum	80	76	....	....	....	....	....	....	....	....	....	....	....	....	76	72	65	75	65	73	77	84	86	67	74	82	81	80	84	84	84	....
	Minimum	42	40	48	48	47	45	55	56	56	53	55	38	36	38	47	52	48	43	40	42	44	46	47	56	45	42	60	60	60	60	61	48.7
Perryville	Maximum	75	73	79	86	85	89	91	90	94	82	80	71	74	80	82	74	83	77	61	67	77	80	83	75	75	78	83	86	86	79	85	80.0
	Minimum	33	31	34	46	59	50	45	48	49	54	53	30	30	30	33	57	61	44	40	45	38	46	59	61	41	35	35	52	56	61	61	45.7
Pine Bluff	Maximum	76	78	85	87	88	89	90	90	94	87	74	70	71	80	80	77	88	78	60	57	67	79	86	80	73	76	86	80	86	83	83	79.9
	Minimum	47	43	46	46	56	56	58	56	57	67	56	39	39	42	48	58	58	50	47	52	43	51	60	62	55	45	49	63	62	63	65	52.9
Pocahontas	Maximum	73	77	81	84	86	88	89	91	90	82	70	70	73	79	80	77	80	77	63	69	71	71	77	72	73	77	78	81	82	80	82	78.2
	Minimum	43	39	39	44	47	50	58	50	50	52	54	34	34	36	38	46	59	49	42	45	38	52	57	56	47	40	42	56	58	59	62	47.6
Portland	Maximum	75	78	84	86	88	88	88	89	92	87	75	68	72	78	80	69	83	77	82	72	75	83	85	80	75	78	84	79	85	78	79	80.4
	Minimum	44	43	47	53	55	56	53	52	52	64	65	40	36	40	43	57	54	54	44	53	45	45	54	57	56	52	52	63	58	58	64	51.9
Prescott	Maximum	75	80	86	88	89	90	90	90	92	85	77	79	74	76	81	77	81	76	69	59	73	78	84	80	72	77	82	83	85	81	82	80.4
	Minimum	45	44	46	57	57	62	58	58	59	65	51	39	37	41	41	56	59	47	49	48	44	51	58	65	50	44	47	58	60	62	65	52.4
Rogers	Maximum	77	80	83	86	84	86	88	88	76	79	62	68	71	76	81	68	71	65	71	67	71	77	71	77	74	78	80	81	81	83	80	76.8
	Minimum	37	40	42	54	61	56	50	55	57	56	45	30	36	38	41	54	57	40	45	38	40	50	58	55	40	44	43	55	65	66	66	48.8
Russellville	Maximum	76	78	85	86	87	89	91	90	90	85	71	71	74	80	82	77	76	75	69	69	77	79	81	76	76	79	82	85	84	81	84	80.2
	Minimum	39	37	41	53	53	55	50	56	59	57	54	31	33	35	39	55	65	44	43	42	40	52	58	63	43	40	43	57	62	65	63	49.3
St. Charles /	Maximum	72	75	82	84	85	85	86	89	84	80	75	69	71	78	79	82	78	69	69	70	74	80	78	79	72	76	82	80	84	81	83	78.4
	Minimum	42	41	44	44	52	51	54	52	53	53	56	39	37	40	43	51	52	52	45	53	43	49	56	60	55	43	49	50	60	59	59	49.6
Searcy	Maximum	72	76	83	85	85	87	86	92	93	80	70	72	75	81	82	71	84	75	58	68	76	71	80	78	76	77	81	85	86	80	83	79.0
	Minimum	42	36	37	47	49	53	57	50	50	57	55	34	33	35	39	56	58	47	41	50	40	49	58	62	50	40	44	58	58	60	62	48.6
Sheridan	Maximum	72	75	83	85	86	85	86	87	91	85	73	69	75	78	80	72	83	75	60	57	74	79	80	78	75	76	83	85	86	83	84	78.7
	Minimum	49	41	40	48	53	50	50	49	54	61	53	32	42	36	38	54	55	43	40	44	36	47	55	59	46	40	41	50	55	57	61	47.4
Siloam Springs	Maximum	76	77	81	84	84	85	87	88	73	81	60	68	69	86	79	70	73	67	70	70	73	75	75	78	73	76	78	79	80	84	80	76.7
	Minimum	39	40	43	56	63	59	51	54	57	55	44	31	40	36	41	55	62	42	44	35	46	57	57	60	37	45	44	52	64	60	59	49.3
Stuttgart	Maximum	70	74	81	83	85	85	85	85	89	81	74	67	71	76	79	71	83	78	65	62	72	75	78	80	75	74	80	83	84	80	83	77.7
	Minimum	44	45	48	52	54	57	57	55	55	63	57	38	40	41	46	57	56	50	46	52	43	52	59	60	53	45	50	61	61	60	63	52.3
Stuttgart Evap. /	Maximum	71	75	81	83	84	85	86	87	89	78	68	68	70	76	....	78	82	69	62	66	74	74	77	77	72	74	80	80	82	79	81	*76.9
	Minimum	43	41	45	49	54	56	55	50	52	52	57	33	35	37	38	....	46	48	44	50	42	42	52	61	54	43	44	51	60	60	60	*48.5
Subiaco	Maximum	76	77	84	85	86	86	89	90	84	79	70	65	74	77	80	79	77	75	62	66	75	81	82	76	76	79	77	80	76	77	80	78.1
	Minimum	43	42	45	55	60	59	54	60	60	61	41	35	36	48	38	54	62	42	45	41	44	52	57	64	41	41	47	57	64	64	65	50.9
Texarkana	Maximum	74	77	83	85	83	87	86	88	89	78	65	69	70	79	77	71	79	75	73	59	73	80	78	83	76	77	81	81	81	81	82	78.1
	Minimum	45	46	48	64	59	66	57	59	65	64	46	40	43	44	45	57	61	49	53	51	50	56	63	61	51	46	50	59	67	66	68	54.8
Turnpike	Maximum	69	71	76	79	78	80	79	85	82	75	62	62	65	74	74	64	66	68	57	64	67	72	72	80	69	70	74	76	75	72	73	71.9
	Minimum	46	47	54	56	58	55	56	60	65	58	45	38	46	49	53	54	58	39	47	41	47	55	57	55	45	52	54	60	61	62	63	52.8
Waldron	Maximum	77	78	84	84	85	87	88	89	88	78	72	70	72	80	79	77	77	74	68	72	78	85	85	76	76	78	81	83	79	79	78	79.3
	Minimum	37	36	38	52	59	55	47	57	56	54	50	28	30	31	33	54	63	42	42	44	40	53	57	63	41	38	41	51	59	65	63	47.7
Warren	Maximum	75	77	82	84	88	87	88	87	88	82	74	68	68	77	79	71	84	77	83	72	72	84	82	79	76	77	82	80	85	85	81	79.8
	Minimum	44	41	43	53	56	58	55	54	54	67	57	39	36	39	39	58	65	52	58	46	44	56	60	60	56	42	48	52	62	62	65	52.3
White Rock	Maximum	69	70	76	78	79	82	83	81	81	73	68	64	66	72	75	73	65	65	58	64	65	73	74	67	69	70	74	76	72	75	70	71.8
	Minimum	47	46	52	57	51	60	63	64	65	58	43	37	40	49	48	51	58	38	48	44	48	53	58	59	46	53	52	59	61	63	61	52.7
Wilson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Wynne /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......

Daily River Stages for October, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.6	3.0	2.4	2.6	2.7	2.6	2.6	2.5	2.2	1.8	2.6	6.0	8.3	6.9	4.9	4.6	6.0	5.8	5.3	5.2	5.5	5.2	4.7	4.3	4.4	4.5	4.9	4.8	4.4	5.0	3.6
Van Buren	do	22	4.9	4.3	3.7	3.8	4.0	3.9	3.8	3.8	3.4	2.1	3.8	7.3	9.8	7.3	6.0	5.8	6.7	7.0	6.5	6.2	6.6	6.3	5.8	5.4	5.6	5.7	6.0	6.0	5.6	6.2	4.9
Danville	Petit Jean	20	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.4	2.4	2.3	2.3	2.3
Ozark	Arkansas	22	1.4	0.6	0.2	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.4	-0.4	3.9	3.0	2.6	2.2	1.3	2.5	2.3	1.9	1.8	1.7	1.8	1.4	1.2	1.2	1.4	1.6	1.5	1.2	1.0
Dardanelle	do.	22	2.8	2.5	2.0	1.6	1.2	1.2	1.3	1.2	1.2	1.2	1.0	0.8	1.7	5.9	5.3	3.8	3.1	2.9	4.0	3.9	3.4	3.4	3.6	3.4	3.0	2.6	2.7	2.8	3.1	3.0	2.7
Morrilton	do.	20	-2.8	-2.7	-3.1	-3.5	-3.9	-4.1	-4.2	-4.2	-4.2	-4.1	-4.2	-4.4	-4.6	-2.2	0.4	-1.0	-2.0	-2.6	-2.3	-3.5	-1.8	-2.2	-3.0	-2.2	-2.4	-2.8	-2.8	-2.8	-2.6	-2.4	-2.6
Little Rock	do.	23	1.3	1.5	1.6	1.5	1.1	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.4	1.9	3.7	2.9	2.2	1.7	1.9	2.4	2.2	2.0	2.0	2.1	1.8	1.6	1.5	1.5	1.6	1.8
Pine Bluff	do.	25	1.5	1.9	2.2	2.4	2.2	1.9	1.6	1.3	1.2	1.2	1.2	1.2	1.1	0.9	0.8	2.7	4.8	4.0	3.2	2.7	2.6	3.3	3.2	2.9	3.1	3.0	2.8	2.3	2.3	2.3	2.5
Gilbert	Buffalo	30	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5
Black Rock	Black	14	2.3	2.3	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.2	3.0	2.8	2.5	2.4	2.5	2.5	2.4
Forsyth, Mo.	White	30	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.7	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.8	0.9	0.9	0.9	0.8	1.2	0.9	0.8	0.9	0.8	0.8	0.8	0.8
Cotter	do	21	0.6	0.7	0.6	0.6	0.6	0.8	0.7	0.8	0.7	0.8	1.0	1.0	1.1	1.0	0.9	0.8	0.7	1.0	1.3	1.4	1.3	0.8	0.8	0.9	1.8	1.9	1.5	1.3	1.1	1.0	1.0
Calico Rock	do	18	1.1	1.2	1.4	1.1	1.2	0.2	0.3	1.4	1.4	1.6	1.0	0.7	0.8	0.0	1.1	1.2	1.1	1.2	1.1	1.0	0.3	1.2	1.0	1.0	1.2	1.5	1.1	0.6	1.4	1.4	1.4
Batesville	do	23	4.4	5.2	5.5	5.7	5.3	5.6	4.6	4.2	5.6	6.0	6.0	5.5	4.8	4.5	4.3	5.4	5.6	5.7	5.5	5.6	5.3	4.6	6.2	5.7	8.8	6.4	6.3	5.8	5.1	6.0	6.0
Newport	do	26	1.2	0.9	1.0	1.1	1.2	1.1	1.1	0.8	0.7	0.9	1.2	1.3	1.1	0.8	0.7	0.6	0.8	1.0	0.9	0.9	0.9	1.0	0.8	1.2	1.7	3.8	2.8	2.1	1.6	1.3	1.5
Augusta	do	32	12.3	12.0	11.7	11.7	11.7	11.8	11.7	11.7	11.5	11.3	11.3	11.8	11.8	11.7	11.4	11.3	11.2	11.3	11.5	11.6	11.5	11.5	11.8	11.6	12.0	13.2	14.5	14.0	13.3	12.6	12.4
Sugar Loaf Mt.	Little Red	..	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.2	2.2	2.3	7.2	5.3	4.6	4.2	3.9	3.7
Georgetown	White	21	2.2	2.3	2.0	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.9	1.9	4.5	4.2	3.5	3.0
Des Arc	do	24	4.4	4.4	4.4	4.3	4.0	3.9	3.9	3.9	3.9	3.8	3.7	3.7	3.7	3.9	3.8	3.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.7	3.7	3.7	4.5	5.9	6.2	5.7	5.2
Clarendon	do	26	8.6	8.7	8.7	8.6	8.4	8.3	8.2	8.2	8.2	8.1	8.0	7.9	7.9	8.0	8.1	8.0	7.9	7.8	7.7	7.7	7.7	7.8	7.8	7.8	7.9	8.0	8.1	8.7	9.7	10.2	10.0
St. Charles	do	25	8.4	8.4	8.5	8.4	8.4	8.2	8.1	8.0	8.0	8.0	7.9	7.8	7.7	7.7	7.8	7.9	7.8	7.7	7.6	7.5	7.5	7.6	7.6	7.6	7.8	7.8	7.9	8.1	8.8	9.5	9.7
Glenwood	Caddo	..	4.6	4.6	4.5	4.5	4.6	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	5.0	4.9	4.7	4.7	4.7	5.3	5.1	4.9	4.8	4.8	4.7	4.7
Arkadelphia	Ouachita	17	3.5	3.6	3.6	3.6	3.5	3.4	3.3	3.3	3.6	4.0	4.1	3.7	3.4	3.4	3.4	3.8	3.6	3.6	3.6	3.6	3.7	3.7	3.6	3.7	3.8	4.0	3.8	3.7	4.0	4.0	4.0
Boughton	Little Mo.	20	4.1	4.0	4.0	4.0	4.1	4.1	4.0	4.0	3.9	3.9	4.0	4.1	4.1	4.0	4.0	4.0	4.1	4.2	4.3	4.3	4.3	4.4	4.4	4.3	4.6	4.8	4.9	4.8	4.7	4.6	4.4
Camden	Ouachita	26	4.4	4.2	4.1	4.1	4.1	4.2	4.0	4.0	4.0	4.0	4.0	4.4	4.7	4.5	4.3	4.2	4.0	4.4	4.4	4.5	4.5	4.5	4.5	4.6	5.2	4.9	5.0	5.2	5.3	4.9	4.6
Benton	Saline	20	3.5	3.5	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.7	3.7	4.0	4.0	4.0	3.9	3.8	4.2	4.4	3.3	4.2	4.1
Index	Red	25	6.4	6.6	6.8	7.6	6.8	6.6	6.4	6.4	6.4	6.3	6.3	6.3	5.8	5.8	5.6	5.6	7.0	7.0	7.0	6.5	6.5	6.5	6.4	6.2	6.0	6.0	5.8	5.8	5.8	5.8	5.8
Fulton	do	25	7.1	7.1	7.2	7.8	7.6	7.2	7.2	7.1	7.2	7.2	7.2	6.7	6.3	6.6	6.9	7.2	7.7	8.1	8.2	8.2	8.3	8.3	8.0	7.7	7.5	7.0	6.8	7.1	7.2	7.2	7.2
St. Francis	do	18	2.8	2.6	3.8	4.1	3.6	3.0	2.6	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5	....	4.5	4.0	2.9	2.4	2.4
St. Francis L.L.	do	..	15.3	15.1	17.0	16.3	15.6	14.9	14.3	14.4	14.4	14.4	14.4	14.1	14.0	14.0	14.0	14.0	14.0	14.0	13.9	16.0	17.0	17.5	18.0	18.5	18.9	19.3	19.0	18.9	19.9	19.0	18.5
Marked Tree	do	17	3.2	3.1	1.1	3.8	3.5	3.2	3.0	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.3	2.3	2.3	1.0	0.8	0.8	0.9	1.0	2.7	4.0	1.3	4.0	5.0
Parkin	do	28	3.5	3.4	3.4	2.8	3.2	3.6	3.5	3.4	3.1	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.7	2.3	1.9	1.7	1.7	1.8	1.8	1.8	2.7	3.6	2.9	2.4
Madison	do	32	1.8	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.8	0.8	0.6	0.6	0.7	1.4	1.5
Helena	Mississippi	44	7.2	7.2	7.3	7.5	7.6	7.4	7.0	6.8	6.7	6.6	6.3	5.9	5.2	4.7	4.6	5.0	5.4	5.5	5.3	5.7	6.5	7.6	8.6	9.3	9.8	10.6	10.8	11.0	11.0	10.4	9.5
Arkansas City	do	42	5.5	5.4	5.6	5.7	5.8	6.0	5.9	5.5	5.3	5.0	4.9	4.7	4.2	3.7	3.2	2.9	3.1	3.7	4.4	4.4	4.4	4.9	5.9	7.0	7.9	8.4	8.7	9.1	9.4	9.5	9.1

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. [4]Best available used for stations not equipped with recorders. [5]Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock· Index, Route 5, Texarkana; Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner: Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas–21-26 1946–1100

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CLIMATOLOGICAL DATA

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1947

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LI LITTLE ROCK, ARK., NOVEMBER, 1946 No. 11

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

During the first ten days of the month, about 90 per cent of the month's precipitation fell; and the highest temperatures over practically the entire State occurred during the first two days.

November's weather was not too favorable to crops about ready to harvest; late cotton was slow in opening; rice harvest delayed; sweet and irish potato harvest slowed; corn harvested high in moisture content. Fall sown grains, winter legumes, and pastures showed excellent growth. Floods hampered harvests in some areas (see Floods).

TEMPERATURE

The November mean of 53.6° was 2.2° above the 56 year average. The temperatures ranged from about 4.5° above normal in the alluvial sections to 0.5° below normal in the Ozark highlands. The highest temperature of 85° was reported by three stations on the 1st: Newport, Searcy and Warren. Gilbert reported the lowest with 17° on the 18th. By the end of the month, freezing temperatures, or killing frosts had been reported over practically the entire State; the only exceptions being a few stations along the lower Arkansas River.

PRECIPITATION

The average rainfall set a record for November, exceeding by almost 50% the previous high. The average for the State was 9.03 inches, while the previous November high was 6.89 inches in 1934. Most of the stations in the west-central and northwest portions set individual records for the greatest November rainfall, and several stations set records for the greatest fall for any one month. The precipitation was near normal along the Mississippi River and increased rapidly toward the west.

White Rock, in Franklin County, reported the greatest total with 17.14 inches. Blytheville was outstanding in the fact that they reported 3.35 inches, or a deficiency of 0.01 inch; and was the only station reporting below normal fall for November.

Sleet was reported by one station: Fayetteville on the 25th.

TORNADO

The following description was furnished by Mr. Thurston A. Hulsey, Washington High School, Washington, Arkansas(northwest of Hope). The tornado occurred about 2:30 p m. of November 2d. There was a large, very dark cloud overhead with corkscrewing smaller clouds dipping to the ground and then rising. The cloud came from the southwest and went toward the northeast. The width of destruction was between 150 and 200 yards, and about 4 miles long. The tornado lasted about 2 minutes and was gone. It came to this vicinity from Crossroads. It rose again at the city limits and played out. It completely demolished a church, and damaged several dwellings and business houses. Most of the farmers had finished harvesting their crops, so slight damage was done in this manner. Two people were injured during the storm; a Mrs. Mattie Aylett was injured so severely that she died two weeks later. The damage caused by this storm will total about $40,000.00

FLOODS

The rainfall of the first ten days of the month sent most of the streams into flood. The fact that the previous few months had been relatively dry, prevented serious conditions.

Arkansas River: No flood stages were reached on the Arkansas River, but some of the smaller streams overflowed their banks and caused slight damage. Two hundred acres was reported innundated with a loss of unharvested corn, cotton, and alfalfa.

Ouachita River: The Ouachita was above flood stage from the 10th through the 17th. The stages were not serious and only one to four feet above flood. 3500 acres were innundated, most of which were in Hot Springs County.

White River: The White River went above flood stage at Cotter on the 10th, and some part of the White was above flood until the 28th. The flood stages were exceeded by only a couple of feet and the damage was small as compared with earlier floods. 25,000 acres were inundated, with damage to crops still in the fields, mostly corn.

ERRATA

Morrilton: The river stages as printed in the August 1946 Climatological Data were incorrect. All readings during the month were below zero, and in order to correct the readings given in the August issue subtract 10.0 from the figures given. For example, 7.5 feet is shown as the stage on the 1st, subtracting 10.0 from this figure gives -2.5, the correct stage.

MISCELLANEOUS PHENOMENA
Dates of

Thunderstorms: 1, 2, 3, 4, 5, 6, 8, 9, 10, 15, 16, 25, 26.
High Winds: 1, 2, 3, 4, 5, 7, 9, 10, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 28, 29.
Heavy Fog: 2, 3, 4, 5, 7, 13, 16, 19, 20, 21, 26, 27, 29, 30.
Sleet: 25.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.60	17	29.56	9	7.4	29	ne.	24	86	64	72	49	380
Little Rock	30.59	17	29.64	9	7.7	26	sw.	9	88	65	71	41	340
Memphis ..	30.52	17	29.71	9	7.4	25	nw.	21	86	61	74	45	305

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	49.7	87	10	5.56	....	8	13	7	10
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0.1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	85	11	1.96	T	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47.8	89	10	1.95	T.	5	15	4	11
1921	54.9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.34	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50.4	89	15	5.67	T	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0.1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50.5	87	16	4.15	T.	7	16	4	10
1931	57.6	88	18	6.34	T.	9	9	6	15
1932	46.7	82	9	1.98	0.1	6	16	4	10
1933	53.0	85	20	1.86	T	4	16	6	8
1934	54.0	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	3.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
1937	48.3	90	6	4.99	0.5	8	13	6	11
1938	50.7	89	8	5.26	0.1	5	16	6	8
1939	48.8	87	14	3.39	T.	7	12	5	13
1940	49.3	82	3	5.93	T.	9	13	5	12
1941	49.9	87	18	2.31	T.	6	15	6	9
1942	54.5	88	18	3.83	T.	8	12	5	13
1943	49.7	88	15	1.10	T.	3	19	5	6
1944	52.7	87	17	4.70	0.1	7	10	7	13
1945	53.5	88	14	3.97	T	8	14	7	9
1946	53.6	85	17	9.09	0	10	11	6	13
Period	51.4	96	2	3.83	0.1	6	14	6	10

Climatological Data for November, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	9	54.2	......	79	1	33	17†	8.06	......	1.97	9-10	0	10	8	9	13	w.	L. R. Water Works
Arkadelphia	Clark	200	50	53.2	0.0	83	1	30	23†	10.06	+6.21	2.83	9-10	0	12	10	4	16	n.	W. H. Halliburton
Arkansas City	Desha	145	61	....	......	......	......	......	......	4.84	+0.81	1.11	10	0	8	....	....	....	......	John W. Trammell
Ashdown	Little River	329	2	54.4	......	84	1	28	18	13.16	......	3.21	9-10	0	11	5	15	10	e.	Southwestern G. & E.
Batesville Airway	Independence	363	10	52.2	+ 3.1	83	1	28	27	8.84	......	2.52	2	0	12	11	7	12	nw.	Airway Observer
Batesville Livestk.	Independence	500	5	50.9	......	83	1	22	27	6.97	......	2.02	2-3	0	10	15	6	9	ne.	University of Arkansas
Batesville River	Independence	277	46	....	......	......	......	......	......	9.13	+5.68	4.70	1-2	0	11	....	....	....	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	52.8	+ 2.1	80	3	26	27	9.19	+5.66	2.02	1-2	0	10	13	5	12	n.	Minnie Scanlan
Benton	Saline	285	10	51.5	+ 1.2	83	1	24	23	8.66	......	2.58	2-3	0	12	15	4	11	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	48.3	+ 0.3	72	29	24	17†	10.66	+7.38	2.48	5-6	0	11	8	12	10	sw.	E. L. Brown
Bethesda***	Independence	500	6	50.8	......	83	1	20	27	7.50	......	2.08	2-3	0	10	14	4	12	ne.	Soil Cons. Service
Big Lake Outlet***	Mississippi	239	15	....	......	......	......	......	......	4.37	+1.12	1.19	25-26	0	9	12	9	9	e.	N. W. Douglas
Black Rock	Lawrence	259	44	....	......	......	......	......	......	8.44	+4.44	3.00	2-3	0	11	....	....	....	......	J. H. Ragan
Bluff City, 2 mi. s	Nevada	284	5	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	Ark. Forestry Com.
Blytheville	Mississippi	252	20	[d]54.8	+ 4.6	[i]83	3	29	18	3.35	−0.01	1.20	25-26	0	6	15	7	8	n.	R. E. Blaylock
Booneville 3 miles w	Logan	465	31	54.0	+ 2.2	81	1	28	18†	10.40	+7.15	2.38	3-4	0	10	13	4	13	e.	F. H. Randolph
Boughton***	Clark	235	10	....	......	......	......	......	......	9.55	......	2.30	2-3	0	10	....	....	....	......	Katie B. Moore
Brinkley	Monroe	205	54	53.4	+ 1.5	84	1	27	23	6.89	+2.93	4.00	9-10	0	12	6	7	17	ne.	U. S. Weather Bureau
Calico Rock	Izard	361	41	....	......	......	......	......	......	6.30	+3.20	1.51	1-2	0	11	....	....	....	......	William Jones
Camden	Ouachita	116	60	54.6	+ 1.2	83	2	28	23	8.78	+4.37	2.38	9-10	0	15	5	16	9	se.	J. M. Knight
Camp Chaffee	Sebastian	419	2	[b]53.6	......	[b]80	1	[b]27	18	13.61	......	3.72	9	0	10	8	8	14	e.	U. S. Army
Camp Robinson	Pulaski	463	5	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	U. S. Army
Clarendon	Monroe	172	41	....	......	......	......	......	......	6.22	+2.25	2.38	9-10	0	10	....	....	....	......	B. F. Northern
Conway	Faulkner	309	62	53.9	+ 2.1	82	1	27	18	9.49	+5.47	2.38	9	0	13	10	7	13	sw.	G. Y. Short
Corning	Clay	293	52	53.4	+ 4.8	83	1	28	27	7.79	+4.30	2.34	1-2	0	10	12	1	17	w.	Mrs. Laura Polk
Cotter	Baxter	440	18	....	......	......	......	......	......	8.76	+5.75	2.02	9	0	10	....	....	....	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	33	58.0	+ 4.2	83	1	30	23	8.21	+4.00	3.66	9-10	0	10	10	4	16	s.	U. S. Forest Service
Cummins Farm***	Lincoln	176	2	56.0	......	83	2†	33	24	6.11	......	3.06	10	0	4	5	12	13	n.	T. C. Cogbill
Danville	Yell	327	29	....	......	......	......	......	......	9.31	+5.74	1.93	2-3	0	11	....	....	....	......	J. A. Moudy
Dardanelle	Yell	330	59	54.6	+ 2.9	80	1	28	18	7.46	+3.98	1.40	2	0	10	8	9	13	s.	Geo. N. Goodier
DeQueen	Sevier	426	10	54.4	......	79	1	26	18	7.93	......	1.71	2	0	11	14	4	12	......	L. D. McCowan
Des Arc	Prairie	204	7	55.2	......	84	1	30	27	6.15	......	2.50	9-10	0	11	6	2	22	s.	Z. R. Glenn
Devils Knob***	Johnson	2350	9	[h]50.6	......	[h]71	4	[h]24	18	11.87	......	....	......	0	12	....	....	....	......	U. S. Forest Service
Dumas	Desha	162	40	57.4	+ 3.9	84	1	30	23	6.28	+2.05	3.10	10	0	9	7	9	14	s.	Ben Johnson
El Dorado	Union	270	45	56.4	+ 1.3	79	9	34	23	9.10	+4.32	1.65	9	0	11	8	8	14	n.	Airway Observer
England	Lonoke	229	39	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	45	50.4	+ 0.5	71	1	25	17	14.55	+11.32	2.40	9	0	9	16	1	13	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	50.1	......	71	1	22	18	14.05	......	2.73	25	0	11	11	4	15	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	58	48.8	− 0.5	72	1	21	18	12.19	+9.14	2.08	1-2	0	12	12	9	9	sw.	University of Arkansas
Fordyce	Dallas	280	5	57.0	+ 3.6	84	1	31	18	8.56	+4.55	3.20	9-10	0	11	11	5	14	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	52.4	+ 1.4	78	1	30	18	14.01	+11.14	4.19	9	0	9	8	6	16	ne.	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	8	....	......	......	......	......	......	13.94	......	3.08	9	0	8	13	5	12	......	Ft. Smith Water Dept
Fulton	Hempstead	260	60	....	......	......	......	......	......	9.97	+6.18	2.11	2-3	0	11	....	....	....	......	Ina J. Logan
Garland	Miller	225	3	....	......	......	......	......	......	11.90	......	3.53	2-3	0	10	....	....	....	......	L. D. Denney
Georgetown, 2 mi, se	White	200	33	....	......	......	......	......	......	5.68	+1.93	2.18	9-10	0	12	....	....	....	......	J. S. McDonald
Gilbert	Searcy	600	20	49.4	......	76	1	17	18	7.96	+5.07	2.05	9	0	11	12	8	10	sw.	D. O. Dennis
Glenwood	Pike	547	10	....	......	......	......	......	......	9.31	......	2.98	2-3	0	13	....	....	....	......	C. A. Price
Grannis	Polk	950	26	52.9	+ 2.0	74	1	27	17	11.01	+6.32	2.10	4-5	0	12	8	9	13	s.	W. E. McVay
Gravette	Benton	1250	48	49.4	+ 0.9	75	1	25	17†	8.51	+5.33	2.54	1	0	7	16	3	11	nw.	J. A. Schmidt
Green Mountain***	Stone	1100	8	50.8	......	83	1	26	23	9.15	......	2.41	2	0	12	12	4	14	sw.	U. S. Forest Service
Harrison	Boone	1052	45	48.7	+ 0.3	74	1	20	18	9.87	+7.14	1.66	26	0	11	....	....	....	......	R. C. Beene
Helena	Phillips	300	73	56.4	+ 3.7	81	1†	32	13†	6.27	+1.73	2.40	9-10	0	8	12	3	15	ne.	James A. Burnett
Hope 3 miles e	Hempstead	375	75	54.8	+ 1.6	83	1	31	18	10.15	+5.60	2.25	2-3	0	13	6	8	16	ne.	Univ. of Arkansas
Hot Springs	Garland	600	53	55.8	+ 2.0	82	1	32	17†	9.66	+5.34	2.45	1-2	0	11	12	5	13	n.	National Park Service
Index***	Little River	275	28	....	......	......	......	......	......	11.56	+7.32	2.50	2-3	0	9	....	....	....	......	W. E. McDowell
Jessieville	Garland	750	19	....	......	......	......	......	......	....	......	....	......	......	....	....	....	....	......	U. S. Forest Service
Jonesboro	Craighead	345	50	53.5	+ 1.6	81	1†	30	18	6.55	+3.19	2.18	9-10	0	13	12	2	16	ne.	Benedictine Sisters
Lead Hill	Boone	650	39	49.4	+ 1.9	83	1	18	18	10.88	+7.50	2.37	9	0	13	15	3	12	nw.	F. W. Kellogg
Little Rock[a]	Pulaski	257	66	54.2	+ 2.1	82	1	33	23	7.88	+3.69	2.04	3-4	0	12	6	8	16	n.	U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	47	52.9	+ 2.1	78	1	30	27	10.32	+6.73	3.40	2	0	11	18	4	8	se.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	....	......	......	......	......	......	6.45	+2.35	3.05	9-10	0	8	....	....	....	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	[b]57.8	+ 2.8	[b]84	1	[b]32	13	8.85	+4.22	2.90	9-10	0	10	9	6	15	ne.	State Agri. School
Mammoth Spring	Fulton	600	41	50.2	+ 1.9	84	1	21	18	9.12	+5.72	3.12	9-10	0	9	12	6	12	n.	L. A. O'Neal
Marianna	Lee	235	34	54.8	+ 2.9	83	1	31	23	6.19	+2.82	2.78	10-11	0	5	7	9	14	e.	Univ. of Arkansas
Marked Tree	Poinsett	229	41	52.4	+ 3.5	82	1	29	18†	4.43	+0.35	1.17	9	0	11	14	6	10	n.	Chas. Walton
Marshall	Searcy	1050	27	52.5	+ 2.0	79	1†	21	18	5.74	+2.15	1.27	9	0	8	14	4	12	s.	Mrs. Minnie Horton
Mena	Polk	1207	57	53.7	+ 1.8	75	1	28	18	11.44	+7.87	2.25	25-26	0	12	14	3	13	ne.	E. W. St. John
Monticello	Drew	273	5	57.8	......	82	1	36	18	7.30	......	3.54	10	0	9	11	5	14	n.	Airway Observer
Morrilton***	Conway	315	29	52.6	+ 1.9	80	1	29	18†	7.78	+3.91	2.21	2	0	9	9	3	18	ne.	L. A. Dicus
Mountainburg	Crawford	712	8	....	......	......	......	......	......	15.39	......	3.59	1-2	0	11	15	5	10	n.	C. A Lovell
Mountain Home***	Baxter	800	33	50.6	+ 2.0	76	1	24	18†	8.53	+5.36	2.28	9	0	12	12	1	17	nw.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	53.0	+ 2.9	77	1	21	18	13.49	+9.84	2.55	3-4	0	12	8	9	13	sw.	J. S. Whittington
Mulberry 6 mi. n***	Franklin	433	7	....	......	......	......	......	......	16.03	......	4.45	9	0	10	....	....	....	......	H. G. Arvin
Nashville	Howard	350	7	55.4	......	83	1	31	23†	10.59	......	2.56	2	0	13	11	6	13	ne.	Brice Carruth
Newport	Jackson	231	62	55.0	+ 4.1	85	1	31	27	6.99	+2.90	1.94	9	0	10	11	5	14	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	4	53.5	......	82	1	28	18	8.06	......	1.55	3-4	0	9	10	8	12	sw.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	18	53.8	......	72	1	33	27	10.63	+6.74	2.40	1-2	0	10	15	4	11	ne.	U. S. Forest Service
Okay	Howard	288	17	55.8	+ 2.5	83	1	31	23†	13.09	+8.73	3.10	3	0	11	14	6	10	ne.	J. T. Hargis
Osceola	Mississippi	250	45	....	......	......	......	......	......	4.67	+0.69	1.78	9-10	0	7	....	....	....	......	C. E. Carter
Ozark	Franklin	396	50	53.4	+ 2.3	78	1	27	18	12.33	+9.25	2.62	9	0	11	7	7	16	e.	Orkney O. Milton
Paragould	Greene	275	22	55.2	......	82	1†	29	18†	6.21	+2.90	1.86	9	0	7	9	9	12	ne.	Jene J. Coffman
Parkin, 2mi. w	Cross	222	15	....	......	......	......	......	......	5.58	+1.94	3.13	9-10	0	8	....	....	....	......	Carroll King
Perryville	Perry	325	6	53.1	+ 3.0	83	1	24	18	8.75	+5.15	3.50	2-3	0	13	7	10	13	nw.	Gordon Bennett
Pine Bluff	Jefferson	215	58	57.2	+ 3.9	83	1	34	18†	7.98	+3.80	2.24	9-10	0	11	11	5	14	nw.	Mary T. Scheu
Pine Ridge	Montgomery	840	21	....	......	......	......	......	......	10.44	+6.33	2.51	3	0	11	10	4	16	sw.	J. R. Huddleston
Pocahontas	Randolph	300	52	52.4	+ 2.4	81	1	28	23†	10.61	+7.04	2.89	9-10	0	11	12	3	15	s.	Benedictine Sisters
Portland	Ashley	122	39	58.6	+ 4.4	84	2†	33	23	6.62	+2.47	3.30	10	0	6	11	3	16	n.	Mrs. Pearl Newton
Prescott	Nevada	318	57	56.4	+ 2.5	84	1	33	18	10.47	+6.76	2.25	9-10	0	12	10	3	17	e.	R. P. Hamby
Rogers	Benton	1300	55	49.9	+ 1.2	73	29	23	18	12.84	+9.81	2.47	5-6	0	12	12	4	14	sw.	Howard Fowler
Russellville	Pope	526	33	53.8	+ 3.7	81	1	27	18	8.82	+5.05	2.02	2-3	0	13	10	6	14	w.	U. S. Forest Service
St. Charles	Arkansas	175	12	[a]56.7	......	[a]83	1	[a]33	18†	7.21	......	2.75	9-10	0	10	6	12	12	sw.	U. S. Biological Survey
St. Francis	Clay	290	18	....	......	......	......	......	......	7.26	+3.72	2.10	25-26	0	10	....	....	....	......	Wm. S. Buckley
Searcy	White	245	35	54.2	+ 3.3	85	1	30	23†	6.72	+2.42	1.60	9-10	0	11	11	1	18	ne.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	5	55.0	......	83	1	32	11†	11.57	......	2.83	3-4	0	15	7	8	15	ne.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	50.0	......	76	1	23	18	9.94	......	1.98	6	0	11	12	6	12	s.	John Brown Univ.
Story	Montgomery	650	21	....	......	......	......	......	......	10.47	+6.59	2.81	6	0	9	13	4	13	s.	S. C. Story
Stuttgart	Arkansas	214	58	56.3	+ 3.9	83	1	33	18	5.87	+1.78	2.00	9-10	0	9	14	6	10	n.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	10	54.6	......	82	1	32	23	5.91	......	1.80	10	0	11	11	14	5	......	University of Ark.
Subiaco	Logan	750	47	52.0	0.0	81	1	29	17†	10.51	+7.34	2.47	2-3	0	10	13	8	9	s.	New Subiaco Abbey
Texarkana	Miller	332	61	56.0	+ 0.8	82	1	34	18	9.91	+6.24	2.78	2-3	0	12	3	7	20	ne.	U. S. Weather Bureau

Climatological Data for November, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit)						Precipitation, inches					Number of days				Prevailing direction of wind	Observer
				Mean	Departure from normal	Highest	Date	Lowest	Date	Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy		
Turnpike***	Pope	2240	21	51.3	......	73	3	26	17	12.17	+8.08	1.96	5-6	0	14	16	2	12	se.	U.S Forest Service
Waldron	Scott	675	26	52.5	......	79	1	24	18	11.18	+7.63	2.25	25	0	10	11	7	12	se.	William D Bivens
Warren	Bradley	206	51	58.2	+ 4.3	85	1	31	23	7.23	+3.07	3.39	10	0	13	14	8	8	sw.	C. N Turner
Whitecliffs	Little River	290	39	....	......	....	....	....	....	11.67	+8.34	2.27	2-3	0	9		....	....	......	L. M. Snead
White Rock***	Franklin	2285	9	50.4	......	71	3	26	17	17.14	......	3.75	9	0	12	16	4	10	se.	U. S. Forest Service
Wilson	Mississippi	237	20	....	......	....	....	....	....	4.15	+0.62	2.00	9-10	0	3	13	3	17	sw.	D. O. Anderson
Wynne	Cross	167	37	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	Guy B. Upton
State Means	....	....	..	53.6	+ 2.2	85	1	17	18	9.09	+5.26	4.70	1-2	0	10	11	6	13	ne.	

Daily Precipitation for November, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	.01	.42	1.78	2.15	.46	1.40	.85	....	.21	1.29	T.	....	....	....	....	.70	....	....	....	....	....	....	....	....	.06	1.71	....	....	....	....	....	11.04
Alum Fork Reser.	Arkansas	.32	1.07	.76	1.12	.32	.94	.14	....	T.	1.97	....	....	....	....	T.	.78	....	....	....	T.	T.	....	....	....	....	.64	....	....	....	....	....	8.06
Aplin[2]	Arkansas	....	.38	1.90	.90	.40	.36	1.06	....	T.	1.55	....	....	....	....	....	.73	....	....	....	....	....	....	....	....	....	.62	....	....	....	....	....	7.90
Arkadelphia[2]	Ouachita	....	.28	2.09	.65	.48	.52	1.21	....	.37	2.46	....	....	....	....	....	.65	.11	....	....	.01	T.	....	....	....	....	1.23	....	....	....	....	....	10.06
Arkansas City[2]	Mississippi	....	....	....	....	....	.02	.85	....	....	1.11	1.03	....	....	....	....	.11	.77	....	....	....	....	....	....	....	.07	.88	....	....	....	....	....	4.81
Ashdown[2]	Red	....	1.26	2.29	1.52	.86	.66	.97	....	.04	3.21	....	....	....	....	....	.75	....	....	....	T.	.02	....	....	....	....	1.58	....	....	....	T.	....	13.16
Augusta[2]	White	....	.05	.25	.47	T.	.30	.90	....	....	1.85	.03	....	....	....	....	.50	.07	....	....	T.	T.	T.	....	....	....	....	.02	....	....	....	....	4.44
Batesville Air'y[3]	White	1.43	2.52	.61	.50	.53	.89	....	....	.83	.05	....	....	....	....	.36	.55	....	....	....	....	....	....	....	....	.35	.22	....	....	....	....	....	8.84
Batesville Livestk.[2]	White	....	.88	2.02	.40	.30	.42	.76	....	....	1.21	....	....	....	....	....	.65	.05	....	....	....	T.	....	....	....	.28	....	....	....	....	....	....	6.97
Batesville River[2]	White	....	2.47	2.23	.63	.29	.40	.73	....	....	.77	....	....	....	....	....	.62	.16	....	....	....	....	....	....	....	.03	.80	....	....	....	....	....	9.13
Beaty Lake	St. Francis	T.	T.	.08	T.	.25	T	.98	....	....	4.11	....	....	....	....	T.	.65	.11	....	....	T.	T.	....	....	....	.25	.55	....	....	....	....	....	6.98
Beaver[2]	White	.93	1.43	1.64	1.67	.28	2.78	.73	....	.07	2.68	....	....	....	....	....	.62	....	....	....	....	....	....	....	....	.67	1.07	....	....	....	....	....	14.57
Bee Branch	Arkansas	1.56	2.02	.61	T.	.18	*	1.46	....	*	1.54	....	....	....	....	....	1.00	....	....	....	....	....	....	....	....	.82	....	....	....	....	....	....	9.19
Beech Grove[2]	White	....	2.05	.50	.12	....	....	.50	....	....	1.12	....	....	....	....	....	.65	.25	....	....	....	....	....	....	....	.13	1.27	....	....	....	....	....	6.59
Beedeville[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Benton[2]	Saline	....	.58	1.82	.76	.40	.17	.99	....	.06	1.93	.04	....	....	....	....	.48	.18	....	....	....	....	....	....	....	....	1.25	....	....	....	....	....	8.66
Bentonville[2]	Arkansas	.82	2.09	1.33	.07	1.20	.14	2.48	....	1.32	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	*	.81	....	....	....	....	....	10.66
Bethesda[2]	White	....	.90	2.08	.55	.11	.38	.76	T.	....	1.09	....	....	....	....	....	.63	T.	....	....	....	....	....	....	....	.27	.73	....	....	....	....	....	7.50
Big Flat[2]	White	1.27	.90	....	.77	....	.30	.56	.87	.56	.03	....	....	....	....	.78	.02	....	....	....	....	....	....	....	....	.02	1.27	....	....	....	....	....	7.35
Big Lake Outlet[2]	St. Francis	....	.63	.01	T.	T.	T.	1.00	....	....	1.07	.11	....	....	....	....	.31	....	....	....	....	T.	....	....	....	.04	1.19	.01	....	....	....	....	4.37
Black Rock[2]	White	....	.02	3.00	.63	....	.10	.98	....	....	1.16	....	....	....	....	....	.73	.22	....	....	....	....	....	....	....	.19	1.39	.02	....	....	....	....	8.44
Bluff City	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blytheville[2]	St Francis	....	.38	....	....	....	....	.72	....	....	....	.07	....	....	....	....	.98	....	....	....	....	....	....	....	....	.59	.61	....	....	....	....	....	3.35
Booneville 3 mi. w	Arkansas	.22	1.77	.20	2.38	.63	1.33	....	....	.29	1.05	....	....	....	....	....	1.07	....	....	....	....	....	....	....	....	....	1.46	....	....	....	....	....	10.40
Booneville[2]	Arkansas	T.	.44	1.65	2.26	.28	1.64	....	....	T.	1.78	T.	....	....	....	....	1.22	....	....	....	....	....	....	....	....	.04	1.49	....	....	....	....	....	10.80
Boughton[2]	Ouachita	....	.93	2.30	1.10	.55	.30	1.02	....	.30	1.10	....	....	....	....	....	.80	....	....	....	....	....	....	....	....	....	1.15	....	....	....	....	....	9.55
Bradford[2]	White	....	.35	.87	.57	....	.08	.97	....	....	1.65	....	....	....	....	....	.42	.46	....	....	....	....	....	....	....	....	1.21	....	....	....	....	....	6.58
Brinkley[3]	White	.02	.02	.31	.23	.20	.76	T.	....	2.63	1.41	T.	....	....	....	.15	.56	....	....	....	T.	T.	....	....	....	.07	.53	....	....	....	....	....	6.89
Burdette	Mississippi	.10	.73	....	....	....	....	.80	....	....	1.64	.12	....	....	....	....	.82	.09	....	....	....	....	....	....	....	....	1.10	....	....	....	....	....	5.40
Calico Rock[2]	White	....	1.51	.73	.34	.17	.23	.61	....	.03	1.15	....	....	....	....	....	.90	....	....	....	....	....	....	....	....	.02	.61	....	....	....	....	....	6.30
Camden[2]	Ouachita	.31	.06	1.45	1.37	.30	.10	1.12	....	.09	2.38	.31	....	....	....	....	.62	.21	....	....	.01	....	....	....	....	.04	.41	....	....	....	....	....	8.78
Camp Chaffee[2]	Arkansas	....	.81	2.46	2.15	.28	1.67	.46	....	.72	3.00	T.	....	....	....	T.	.81	....	....	....	....	....	....	....	....	T.	1.25	....	....	....	....	....	13.61
Camp Robinson[1]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Carlisle[2]	Arkansas	....	....	....	1.57	.15	.15	.76	....	....	3.00	....	....	....	....	....	.85	....	....	....	....	....	....	....	....	....	.50	....	....	....	....	....	6.98
Clarendon[2]	White	....	....	.23	.14	.05	.28	.93	....	....	2.38	.41	....	....	....	....	.35	.80	....	....	T.	....	....	....	....	....	.65	....	....	....	....	....	6.22
Cold Springs[2]	Ouachita	....	1.85	.80	1.95	.50	.70	.70	....	.15	.75	.04	....	....	....	....	.80	....	....	....	....	....	....	....	....	.15	2.00	....	....	....	T.	....	10.39
Conway	Arkansas	.09	.84	1.90	1.17	.07	.85	.15	....	.13	2.25	....	....	....	....	.13	.96	....	....	....	....	T.	....	....	....	.01	.94	T.	....	....	....	....	9.49
Corning[2]	White	....	2.34	.56	.47	.14	....	.58	....	....	.99	....	....	....	....	....	.67	.27	....	....	....	....	....	....	....	.22	1.55	....	....	....	....	....	7.79
Cotter[2]	White	....	.74	.93	.64	.06	.83	.57	....	.06	1.96	....	....	....	....	....	1.39	....	....	....	....	....	....	....	....	....	1.58	....	....	....	....	....	8.76
Crossett	Ouachita	....	....	.86	....	....	.30	.28	....	....	3.66	.23	....	....	....	.01	.96	.74	....	....	....	....	....	....	....	.57	.60	....	....	....	....	....	8.21
Crystal Valley[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cummins Farm	Arkansas	....	T.	....	....	T.	1.10	....	....	....	3.06	....	....	....	....	....	.55	....	....	....	....	....	....	....	....	....	1.40	....	....	....	....	....	6.11
Danville[2]	Arkansas	....	.44	1.93	1.40	.17	1.50	.98	....	T.	.41	....	....	....	....	....	1.13	....	....	....	....	....	....	....	....	.16	1.18	....	....	....	.01	....	9.31
Dardanelle[2]	Arkansas	....	.29	1.40	.99	.11	1.05	.92	....	.04	.62	....	....	....	....	....	.91	....	....	....	....	....	....	....	....	....	1.13	....	....	....	....	....	7.46
De Queen	Red	.19	1.71	.65	.64	1.08	1.54	....	....	.35	....	....	....	....	....	.18	.37	....	....	....	....	....	....	....	....	.67	.55	....	....	....	....	....	7.93
Dermott[2]	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Des Arc[2]	White	....	.14	.13	.50	.11	.21	.87	....	....	2.50	.13	....	....	....	....	.47	.39	....	....	....	....	....	....	....	....	.70	....	....	....	....	....	6.15
Devils Knob	Arkansas	.68	*	*	3.70	.99	1.45	....	....	*	2.20	....	....	....	....	.22	....	.79	....	....	....	.04	....	....	....	1.80	....	....	....	....	....	....	11.87
Dumas	Mississippi	....	T.	.04	T.	.07	1.13	....	....	....	3.10	.15	....	....	....	.04	.55	.08	....	....	....	....	....	....	....	T.	1.12	....	....	T.	....	....	6.28
Eagle Gap[2]	Arkansas	.12	.76	2.40	1.76	1.40	1.25	.87	....	.10	1.70	.05	....	....	....	....	1.20	....	....	....	....	....	....	....	....	.50	2.60	....	....	....	....	....	14.71
El Dorado	Ouachita	.45	1.19	1.06	.25	.12	1.59	....	.10	1.65	1.26	....	....	....	....	....	.91	....	....	....	....	....	....	....	....	....	.52	....	....	....	....	....	9.10
Eleven Point[2]	White	....	1.90	.90	.51	.20	.01	.69	....	....	1.10	....	....	....	....	....	.65	.05	....	....	....	....	....	....	....	.68	1.23	....	....	....	....	....	7.92
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	White	2.15	1.95	....	1.95	1.25	2.20	....	....	2.40	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	....	2.05	.20	....	....	....	....	....	14.55
Evening Shade[2]	White	....	1.48	1.10	.23	.15	.42	.80	....	....	1.40	....	....	....	....	....	.58	.02	....	....	....	....	....	....	....	....	....	1.20	....	....	....	....	7.38
Fayetteville	White	1.67	2.50	.25	1.64	.83	1.88	....	....	1.98	T.	....	....	....	....	.34	.23	....	....	....	....	....	....	....	....	2.69	.04	....	....	....	T.	....	14.05
Fayetteville Exp. S.	White	1.46	2.08	.04	1.72	.78	1.92	....	....	1.81	.11	....	....	....	....	.34	.15	....	....	....	....	....	....	....	....	1.54	.24	....	....	....	....	....	12.19
Fordyce	Arkansas	....	.04	1.04	1.37	.27	1.06	.18	....	.18	3.20	....	....	....	....	.06	.62	T.	....	....	....	....	....	....	....	T.	.54	....	....	....	....	....	8.56
Forester[2]	Arkansas	....	.75	2.47	1.94	.38	1.00	.84	....	T.	T.	....	....	....	....	....	....	1.05	....	....	....	....	....	....	....	....	1.80	T.	....	....	....	....	10.23
Fort Smith[1]	Arkansas	.40	3.03	1.65	.09	1.21	1.35	....	....	4.19	T.	....	....	....	....	.84	T.	....	....	....	....	....	....	....	....	1.25	....	....	....	....	T.	....	14.01
Fort Smith W.[2]	Arkansas	....	1.01	2.00	2.38	.18	2.48	....	....	....	3.08	....	....	....	....	....	1.55	....	....	....	....	....	....	....	....	....	1.26	....	....	....	....	....	13.94
Fulton[2]	Red	....	.65	2.11	1.00	.93	.48	.99	....	.14	1.41	T.	....	....	....	....	.58	T.	....	....	T.	.03	....	....	....	....	1.65	....	....	....	....	....	9.97
Garland[2]	Red	....	.11	3.53	.74	.75	.25	.78	....	.25	2.88	....	....	....	....	....	.74	....	....	....	....	....	....	....	....	....	1.87	....	....	....	....	....	11.90
Georgetown[2]	White	.02	.08	.07	.68	.07	.26	.87	....	T.	2.18	.13	....	....	....	....	.50	.34	....	....	....	....	....	....	....	....	.48	....	....	....	....	....	5.68
Gilbert[2]	White	....	.65	1.55	.63	.11	.40	.55	....	.03	2.02	....	....	....	....	....	.75	....	....	....	....	....	....	....	....	.02	1.25	....	....	....	....	....	7.96
Glenwood[2]	Ouachita	....	.42	2.98	1.16	.72	.21	1.10	....	.08	1.08	....	....	....	....	....	.61	.08	....	....	....	.03	....	....	....	....	.80	....	....	....	.04	....	9.31
Grannis[2]	Red	....	1.02	1.87	1.28	2.10	.88	1.10	....	.11	.13	....	....	....	....	....	.65	....	....	....	.05	T.	....	....	....	.11	1.71	....	....	....	....	....	11.01
Gravelly[2]	Arkansas	....	.55	2.37	1.02	.30	1.24	1.06	....	.10	.19	....	....	....	....	....	.74	....	....	....	....	....	....	....	....	.15	1.47	....	....	....	....	....	9.19
Gravette	Arkansas	2.54	1.17	....	.94	.42	1.88	....	....	.88	....	....	....	....	....	.68	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8.51
Green Forest	White	....	1.83	2.25	1.34	.10	1.59	8.19	....	.25	1.96	....	....	....	....	....	.89	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	18.40
Green Mountain	White	.79	2.41	.50	.83	.20	.68	.20	....	.38	....	.62	....	....	....	.10	.54	....	....	....	....	....	....	....	....	1.90	....	....	....	....	....	....	9.15
Greenwood[2]	Arkansas	T.	.86	2.00	1.01	1.51	1.80	.63	....	.07	2.11	....	....	....	....	....	....	.82	....	....	....	....	....	....	....	.58	1.35	....	....	....	....	....	12.74
Harrison	White	1.08	1.56	.04	....	.58	1.08	....	....	1.06	1.26	....	....	....	....	.22	.77	....	....	....	....	....	....	....	....	....	1.66	.56	....	....	....	....	9.87
Helena[2]	Mississippi	....	....	....	.06	....	.15	1.64	....	....	2.40	.75	....	....	....	....	.04	.98	....	....	....	....	....	....	....	....	.25	....	....	....	....	....	6.27
Henderson[2]	White	....	.45	.54	.37	.67	1.50	....	....	....	.54	1.30	....	....	....	....	.90	....	....	....	....	....	....	....	....	....	1.60	....	....	....	....	....	7.87
Hope[2]	Red	....	.18	2.25	1.63	.67	.38	.95	....	.60	1.68	.02	....	....	....	....	.74	....	....	....	.01	.03	....	....	....	....	1.01	....	....	....	....	....	10.15
Hot Springs	Ouachita	....	2.45	1.28	1.12	.72	1.03	.10	....	.66	.80	....	....	....	....	.02	.43	....	....	....	....	T.	....	....	....	....	1.05	....	....	....	....	....	9.66
Huttig Lock 7, Dam 6[2]	Ouachita	....	.10	.05	.16	....	....	.72	....	....	3.28	1.16	....	....	....	....	.12	.84	....	....	....	....	....	....	....	....	1.14	.02	....	....	....	....	7.59
Index[2]	Red	....	.25	2.50	1.50	.50	1.05	1.26	....	....	2.25	....	....	....	....	....	.50	....	....	....	....	....	....	....	....	....	1.75	....	....	....	....	....	11.56

Daily Precipitation for November, 1946, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jessieville	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Jonesboro[2]	White	....	.62	.37	.14	.01	.13	.84	....	....	2.18	.04	....	....	....	....	.34	.55	....	....	....	....	....	....	....	.38	.94	.01	....	....	....	....	6.55
Lake City[2]	St. Francis	....	.52	....	....	.25	....	.58	....	....	.36	....	....	....	....	....	.40	.25	....	....	....	....	....	....	....	....	.32	....	....	....	....	....	2.68
Lead Hill	White	.94	.90	.03	.96	1.12	.81	.03	....	2.07	.30	....	....	....	....	.43	.72	....	....	....	....	....	....	....	....	2.24	.33	....	....	....	....	....	10.88
Little Rock[1]	Arkansas	.08	1.44	1.00	1.04	.14	.77	....	....	1.76	.29	....	....	....	....	.12	.59	....	....	....	T.	....	....	....	....	.51	.14	....	....	....	....	....	7.88
Lock & Dam No. 3[2]	White	T.	.88	1.70	.35	.08	.44	.79	....	....	1.46	....	....	....	....	....	.38	.02	....	....	....	....	....	....	....	.06	1.21	....	....	....	....	....	7.37
Lurton[2]	White	....	1.18	1.57	.94	.22	.85	1.10	....	....	1.90	.05	....	....	....	....	.92	.01	....	....	....	.04	....	....	....	.57	.88	.02	....	....	....	....	10.25
Lutherville	Arkansas	....	3.40	.64	.90	.57	1.40	....	....	....	.60	....	....	....	....	.20	1.20	....	....	....	.06	....	....	....	....	.90	.45	....	....	....	....	....	10.32
Madison[2]	St. Francis	....	....	.05	....	....	.35	1.05	....	....	3.05	.50	....	....	....	....	.10	.75	....	....	....	....	....	....	....	....	.60	....	....	....	....	....	6.45
Magnolia	Red	....	.37	1.73	.21	.73	1.00	.25	....	....	2.90	....	....	....	....	.10	.80	....	....	....	....	....	....	....	....	....	.76	....	....	....	....	....	8.85
Mammoth Spg[2]	White	....	.91	.75	.47	....	.19	1.11	....	....	3.12	....	....	....	....	.08	.82	....	....	....	....	....	....	....	....	....	1.67	....	....	....	....	....	9.12
Marianna[2]	St. Francis	....	....	.07	....	.25	....	....	....	....	....	2.78	....	....	....	....	....	.77	....	....	....	....	....	....	T.	....	2.32	....	....	....	....	....	6.19
Marked Tree[2]	St. Francis	....	.11	.09	....	....	.08	1.15	....	....	1.17	.19	....	....	....	....	.30	.47	....	....	....	....	....	....	....	.03	.79	.05	....	....	....	....	4.43
Marshall[2]	White	....	.64	1.26	....	.75	.37	.04	T.	....	1.27	....	....	....	....	....	.71	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	....	5.74
Marvell[2]	White	....	....	....	.30	.24	....	.84	....	....	*	3.00	....	....	....	....	*	.89	....	....	....	....	....	....	....	....	1.80	....	....	....	....	....	7.07
Melbourne[2]	White	....	2.46	.73	.22	.17	.22	.99	....	....	1.50	....	....	....	....	....	.64	....	....	....	....	....	....	....	....	.24	1.20	....	....	....	....	....	8.37
Mena[2]	Ouachita	....	.71	2.04	1.27	.97	1.53	.88	....	.07	.40	.03	....	....	....	....	.80	....	....	....	....	T.	....	....	....	.49	2.25	....	....	....	....	....	11.44
Monticello[1]	Ouachita	T.	T.	.09	.05	.05	1.35	....	....	T.	3.54	....	....	....	....	.07	.89	....	....	....	....	....	....	....	....	.53	.73	....	....	....	....	....	7.30
Morobay[2]	Ouachita	....	.15	.05	.91	.05	.03	.53	....	....	1.54	1.44	....	....	....	....	.20	.44	....	....	....	....	....	....	....	....	.82	.04	....	....	....	....	6.20
Morrilton[2]	Arkansas	....	.35	2.21	.76	.14	.15	1.20	....	T.	1.51	....	....	....	....	....	.87	....	....	....	....	T.	....	....	....	T.	.59	....	....	....	....	....	7.78
Mountainburg	Arkansas	.69	3.59	....	2.49	.84	1.86	....	....	2.40	.76	....	....	....	....	.39	1.20	....	....	....	....	....	....	....	....	1.02	.15	....	....	....	T.	....	15.39
Mountain Home	White	.95	.65	.65	.45	.55	.55	....	....	.80	1.48	....	....	....	....	.25	.70	....	....	....	....	....	....	....	....	1.00	.50	....	....	....	....	....	8.53
Mountain View[2]	White	....	.81	.47	.64	....	....	....	....	T.	1.47	....	....	....	....	T.	.43	....	....	....	....	....	....	....	....	.54	1.51	....	....	....	....	....	5.87
Mount Ida	Ouachita	.65	1.12	1.75	2.55	1.30	1.12	....	....	1.70	1.60	....	....	....	....	.08	.57	....	....	....	....	....	....	....	....	.18	.87	....	....	....	....	....	13.49
Mulberry[2]	Arkansas	....	.80	2.77	2.35	.21	1.55	.70	....	1.05	3.40	....	....	....	....	....	1.60	....	....	....	....	....	....	....	....	....	1.60	....	....	....	....	....	16.03
Nashville	Red	.03	2.56	1.69	1.31	.47	1.15	....	....	.14	1.22	....	....	....	....	.05	.78	....	....	....	....	.02	....	....	....	.59	.58	....	....	....	....	....	10.59
Newhope[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Newport[2]	White	....	.50	1.25	.43	....	.20	.72	....	....	1.94	....	....	....	....	....	.43	.35	....	....	....	T.	....	....	....	.22	.95	....	....	....	....	....	6.99
Nimrod Dam[2]	Arkansas	T.	.53	1.50	1.55	.16	.80	1.08	....	....	1.15	....	....	....	....	....	.50	....	....	....	....	....	....	....	....	....	.79	....	....	....	....	....	8.06
Oark[2]	Arkansas	1.00	1.00	1.75	1.45	.45	1.35	.95	1.00	....	2.75	....	....	....	....	....	1.20	....	....	....	....	....	....	....	....	.50	1.80	....	....	....	....	....	15.20
Odell[2]	Arkansas	.04	1.03	2.50	3.00	.28	2.86	.36	....	.07	2.74	....	....	....	....	....	.91	....	....	....	....	....	....	....	....	.83	1.50	....	....	....	....	....	16.12
Oden	Ouachita	....	2.40	1.67	.76	.94	2.04	.32	....	....	.56	....	....	....	....	.52	.34	....	....	....	....	....	....	....	....	1.08	....	....	....	....	....	....	10.63
Okay	Red	....	2.13	3.10	1.60	.42	1.45	.03	....	.10	2.00	....	....	....	....	....	.65	....	....	....	....	.01	....	....	....	....	1.60	....	....	....	....	....	13.09
Osceola[2]	Mississippi	....	....	....	....	T.	T.	.69	....	....	1.69	.09	....	....	....	....	.31	.29	....	....	....	....	....	....	....	.39	1.21	....	....	....	....	....	4.67
Ozark[2]	Arkansas	....	.69	1.60	1.77	.18	1.16	1.09	....	.42	2.20	....	....	....	....	*	1.09	....	....	....	....	....	....	....	....	T.	2.13	....	....	....	....	....	12.33
Paragould	St. Francis	....	.80	1.20	.20	.08	.87	....	....	1.86	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.20	....	....	....	....	....	....	6.21
Parkin[2]	St. Francis	....	....	....	....	.15	.25	.98	....	....	2.88	.25	....	....	....	....	.21	.31	....	....	....	....	....	....	....	....	.55	....	....	....	....	....	5.58
Perryville[2]	Arkansas	....	.23	3.50	.80	....	.12	.15	.95	.02	1.46	....	....	....	....	....	.75	.03	....	....	....	.02	....	....	....	.07	.65	....	....	....	....	....	8.75
Pine Bluff[2]	Arkansas	....	.01	.67	1.42	.17	.19	.99	....	....	2.24	.57	....	....	....	....	.33	.47	....	....	T.	....	....	....	....	....	.92	....	....	....	....	....	7.98
Pine Ridge[2]	Ouachita	....	.90	2.51	2.06	.90	.64	.92	....	....	.35	....	....	....	....	....	.71	.03	....	....	....	....	....	....	....	.16	1.26	....	....	....	....	....	10.44
Pocahontas	White	....	1.75	.46	....	.73	....	.47	.83	....	1.05	1.84	....	....	....	....	*	1.05	....	....	....	....	....	....	....	.82	1.61	....	....	....	....	....	10.61
Portland[2]	Ouachita	....	T.	T.	....	....	....	.80	....	....	2.00	1.30	....	....	....	....	.07	1.83	....	....	....	....	....	....	....	T.	.62	....	....	....	....	....	6.62
Prescott[2]	Ouachita	....	.46	2.16	1.34	.50	.52	1.12	.25	....	.25	2.00	....	....	....	....	.83	.04	....	....	....	T.	....	....	....	....	1.00	....	....	....	....	....	10.47
Ratcliff[2]	Arkansas	....	.70	.50	.80	2.00	.90	.80	....	*	1.50	....	....	....	....	....	.98	....	....	....	....	....	....	....	....	.95	.58	....	....	....	....	....	9.71
Red Star	White	....	1.50	2.31	1.10	.33	.91	.95	....	.13	2.09	....	....	....	....	....	1.73	....	....	....	....	....	....	....	....	.10	1.70	....	....	....	....	....	12.85
Rogers	White	2.22	1.73	.10	1.53	.47	2.47	....	....	2.20	.15	....	....	....	....	.49	.15	....	....	....	....	....	....	....	....	1.22	.11	....	....	....	T.	....	12.84
Rosebud	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Russellville	Arkansas	.08	1.15	.87	1.07	.77	1.20	.03	....	....	.81	T.	....	....	....	.08	1.04	....	....	....	....	.03	....	....	....	1.09	.60	....	....	....	T.	....	8.82
St. Charles[2]	White	....	....	.11	....	.03	.18	1.00	....	....	2.75	.77	....	....	....	....	.40	.28	....	....	.02	....	....	....	....	....	1.67	....	....	....	....	....	7.21
St. Francis[2]	St. Francis	....	1.85	.30	.05	.18	....	.52	....	....	1.30	.05	....	....	....	....	.45	.46	....	....	....	....	....	....	....	T.	2.10	....	....	....	....	....	7.26
Searcy[2]	White	....	.27	1.22	.94	.04	.11	.93	....	....	1.60	.04	....	....	....	....	.41	.37	....	....	....	....	....	....	....	....	.79	T.	....	....	....	....	6.72
Sheridan	Ouachita	.01	.45	1.92	2.83	.36	.74	.30	....	.34	2.64	....	....	....	....	.02	.92	.03	....	....	.04	.02	....	....	....	....	.95	....	....	....	....	....	11.57
Shirley[2]	White	....	.85	1.64	.58	.06	.20	1.28	....	.02	1.46	....	....	....	....	....	.85	....	....	....	....	....	....	....	....	.37	.77	....	....	....	....	....	8.08
Siloam Springs	White	1.83	1.58	.06	1.40	.30	1.98	....	....	1.11	.09	....	....	....	....	.46	....	....	....	....	....	....	....	....	....	1.05	.08	....	....	....	....	....	9.94
Sparkman	Ouachita	....	1.84	....	1.35	.30	1.17	....	....	2.22	1.22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.00	....	....	....	....	....	....	10.10
Stamps	Red	.01	.14	2.07	.98	.69	1.04	.08	....	.14	2.72	....	....	....	....	.05	.78	....	....	....	.02	....	....	....	....	....	1.94	.01	....	....	....	....	10.67
Stephens[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve[2]	Arkansas	.67	.41	1.70	1.50	1.05	.38	1.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.85	....	....	....	....	....	7.56
Story[2]	Ouachita	....	.32	.28	2.25	1.38	.28	2.81	....	T.	1.56	....	....	....	....	....	.76	....	....	....	....	....	....	....	....	....	.83	....	....	....	....	....	10.47
Stuttgart[2]	Arkansas	....	....	.28	.52	....	.23	.71	....	....	2.00	.52	....	....	....	....	.72	.27	....	....	....	....	....	....	....	....	.62	....	....	....	....	....	5.87
Stuttgart Evap[2]	Arkansas	....	....	.34	.24	.04	.21	.92	....	....	1.80	.56	....	....	....	....	.06	.76	....	....	.01	....	....	....	....	T.	.97	....	....	....	....	....	5.91
Subiaco[2]	Arkansas	....	1.00	2.47	.05	.22	1.74	.65	....	.15	.95	....	....	....	....	....	1.58	....	....	....	....	....	....	....	....	....	1.70	....	....	....	....	....	10.51
Sugar Grove[2]	Arkansas	....	.50	1.95	1.36	.25	.80	.72	....	....	.63	....	....	....	....	....	.86	....	....	....	....	....	....	....	....	....	1.68	....	....	....	....	....	8.75
Sugar Loaf Mt[2]	White	....	1.03	2.26	.64	.10	.47	.93	....	....	1.16	.03	....	....	....	....	.84	.08	....	....	....	....	....	....	....	....	.69	....	....	....	....	....	8.23
Texarkana[3]	Red	.02	2.23	2.24	.22	.94	1.15	....	....	1.03	.03	....	....	....	....	.03	.45	....	....	....	T.	T.	....	....	....	1.50	.07	....	....	....	....	....	9.91
Tichnor[2]	White	....	....	.17	....	....	.22	.02	....	....	2.00	.99	....	....	....	....	....	.85	....	....	....	....	....	....	....	....	1.47	....	....	....	....	....	5.72
Turnpike	Arkansas	.32	1.94	1.36	.60	.35	1.96	.20	....	1.92	.87	....	....	....	....	.16	1.23	....	....	....	....	....	....	....	....	.70	.52	....	....	....	.04	....	12.17
Viola[2]	White	....	.93	.90	.80	.20	.39	1.49	....	....	2.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.35	....	....	....	....	....	8.06
Waldron[2]	Arkansas	....	.56	1.67	1.65	.50	1.55	.80	....	....	1.35	....	....	....	....	....	.85	....	....	....	....	....	....	....	....	.10	2.15	....	....	....	....	....	11.18
Walnut Grove	White	T.	3.05	2.00	.48	.51	.35	.52	....	.22	.72	....	....	....	....	T.	.90	....	....	....	....	....	....	....	....	.24	.54	....	....	....	....	....	9.53
Warren	Ouachita	.06	.09	.11	.80	.11	.57	.08	....	....	3.39	.08	....	....	....	.13	.53	.03	....	T.	....	....	....	....	....	T.	1.25	....	....	....	....	....	7.23
Whitecliffs[2]	Red	....	1.45	2.27	1.53	.69	.31	.40	....	T.	1.95	....	....	....	....	....	.67	....	....	....	....	....	....	....	....	....	2.40	....	....	....	....	....	11.67
White Rock	Arkansas	1.34	3.53	.02	2.01	.88	2.05	.05	....	3.75	....	....	....	....	....	.51	1.52	....	....	....	....	....	....	....	....	1.04	.44	....	....	....	....	....	17.14
Wilson[2]	Mississippi	....	....	....	....	....	....	.80	....	....	2.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.35	....	....	....	....	....	4.15
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for November, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	72	68	68	55	52	52	58	52	53	52	44	41	47	50	50	52	42	40	43	48	50	42	44	55	55	44	41	50	46	54	....	50.8
	Wind move	47	49	18	59	54	7	53	34	26	12	92	68	5	6	10	77	123	25	15	43	54	24	21	53	149	70	35	25	15	77	....	1,346
Hope Exp. Farm	Evap.	.107	.094	.113	.184	.080	.039	.040	.112	.096	....	.078	.086	.084	.067	.053	.038	.047	*	.142	.003	....	.058	*	*	.227	.121	.028	.061	.059	.011	....	2.173
	Mean tem.	76	68	68	62	48	57	58	59	61	56	49	50	50	52	52	58	44	44	46	50	56	50	46	56	65	46	48	50	50	60	....	54.8
	Wind move	34	40	36	35	68	47	54	27	13	34	44	43	37	12	31	21	72	*	68	10	19	42	11	*	82	65	24	49	28	8	....	1,054
Nimrod Dam	Evap.	.142	.076	-025	....	....	.030	.046	.144	.054	.104	.057	.085	.080	.044	.074	.006	.102	.098	.062	.040	.028	.072	.090	.144	.022	.034	.027	.049	.058	.046	....	1.851
	Mean tem.	76	66	64	62	54	54	56	56	58	48	52	46	51	52	54	57	44	44	50	50	64	48	46	52	59	48	49	49	52	46	....	53.5
	Wind move	63	30	8	12	4	3	19	41	4	45	58	20	5	14	14	19	54	21	24	19	10	27	30	39	33	19	47	11	8	3	....	704
Russellville	Evap.	.080	.034	.072	.106	.040	.018	.114	*	*	.338	.076	.066	.046	.038	.006	....	*	*	*	.198	.028	.102	.058	.052	.032	.046	.028	.032	.052	.022	....	1.742
	Mean tem.	76	69	66	61	55	54	56	55	56	52	47	47	47	52	54	56	44	43	48	54	63	50	47	52	55	48	46	48	49	58	....	53.8
	Wind move	24	10	18	20	13	13	38	*	*	65	18	8	4	3	10	45	*	*	*	51	23	18	11	16	11	28	7	5	7	1	....	467
Stuttgart Rice Exp. Farm	Evap.	.084	.095	.127	.092	.019	.010	.027	.111	.057	.084	.024	.076	.083	.044	.042	.002	.044	.082	.053	.026	.004	.045	.079	.091	.087	.054	.026	.062	.032	.002	....	1.664
	Mean Tem.	74	72	70	63	58	60	59	56	56	56	49	46	48	53	49	56	44	46	49	52	57	48	47	50	58	50	52	49	51	58	....	54.6
	Wind move	90	80	80	50	80	55	55	65	15	90	30	25	45	10	15	50	95	70	30	20	5	55	30	80	135	115	55	20	20	5	....	1.570

Daily Temperatures for November, 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	79	70	75	69	56	58	70	72	69	68	67	57	66	67	58	57	54	57	65	58	58	60	65	64	67	54	62	61	69	72	....	64.1
	Minimum	68	62	59	55	51	47	43	42	49	49	39	36	36	39	46	49	33	33	35	48	53	40	35	34	54	40	33	39	35	51	....	44.4
Arkadelphia ./	Maximum	83	74	78	63	57	61	70	72	77	57	61	60	65	65	60	61	55	58	58	59	64	62	65	70	60	50	61	66	62	75	....	64.3
	Minimum	65	62	60	60	55	50	47	40	42	50	35	35	35	35	40	48	36	31	32	43	50	35	30	30	40	42	31	31	34	35	....	42.0
Ashdown/	Maximum	84	74	78	67	59	60	75	80	61	63	62	62	65	66	61	68	56	59	63	62	68	63	73	68	67	56	62	68	65	75	....	66.3
	Minimum	69	61	60	61	56	55	44	47	54	33	37	34	35	36	44	52	32	28	29	41	43	35	29	33	47	40	31	32	34	41	....	42.4
Batesville Air	Maximum	83	75	80	58	55	59	69	68	65	65	57	56	64	70	63	59	52	57	63	58	67	60	62	64	61	46	65	69	69	70	....	63.6
	Minimum	64	63	56	53	48	48	46	40	45	43	37	32	34	35	43	41	32	29	33	47	44	36	34	46	39	30	28	29	31	40	....	40.9
Batesville, Livestk/	Maximum	83	73	78	56	52	58	69	67	65	56	56	56	64	66	70	59	55	53	60	67	65	60	61	63	60	41	63	67	68	68	....	62.6
	Minimum	68	64	59	55	50	45	44	40	42	50	34	29	33	36	38	39	31	27	26	28	35	31	33	38	50	37	22	28	29	35	....	39.2
Bee Branch	Maximum	79	71	80	73	55	56	65	68	64	65	64	59	65	67	65	62	56	60	62	58	65	63	60	62	62	50	66	68	69	68	....	64.2
	Minimum	66	63	58	55	49	49	41	38	46	52	33	30	33	34	40	47	32	28	34	43	52	32	28	44	44	36	26	33	31	45	....	41.4
Benton/	Maximum	83	75	78	63	61	60	73	71	76	55	60	58	65	67	60	59	55	58	65	57	66	61	64	68	70	52	65	67	67	75	....	65.1
	Minimum	63	57	58	56	51	46	42	34	35	49	30	30	29	29	33	46	32	26	28	36	47	30	24	31	44	38	25	27	25	36	....	37.9
Bentonville/	Maximum	65	64	57	53	53	58	62	58	61	53	53	56	66	66	56	49	50	58	65	69	69	61	61	61	57	54	65	68	72	62	....	60.1
/	Minimum	59	57	52	50	47	46	40	36	44	35	28	26	28	45	44	46	24	24	24	31	39	25	26	40	34	30	26	30	30	30	....	36.5
Bethesda	Maximum	83	73	78	56	53	60	68	68	66	55	55	56	64	70	63	55	55	53	60	67	66	60	62	63	60	52	62	76	67	70	....	63.2
	Minimum	61	63	59	54	50	45	47	36	40	48	34	26	30	31	38	48	30	27	25	28	35	24	27	47	50	37	20	25	26	37	....	38.3
Bluff City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blytheville	Maximum	81	82	83	60	64	72	70	70	69	70	65	56	60	70	65	57	50	57	65	62	64	....	....	....	....	....	....	....	....	....	....	[i]66.3
	Minimum	63	65	60	58	49	49	49	44	48	55	39	32	34	37	45	45	33	29	35	49	32	33	36	45	47	42	35	32	35	42	....	43.2
Booneville	Maximum	81	69	75	70	59	56	71	72	65	63	58	60	69	70	65	58	55	58	65	69	75	67	66	66	66	55	65	70	70	64	....	65.7
	Minimum	67	57	58	58	53	51	41	38	50	45	32	32	32	36	50	47	29	28	36	44	56	30	35	51	43	38	28	32	29	47	....	42.4
Brinkley	Maximum	84	81	79	63	59	67	69	72	76	67	59	56	65	71	62	61	53	58	63	57	64	60	62	68	73	48	61	66	71	76	....	65.7
	Minimum	64	63	61	56	50	48	43	38	44	45	37	35	32	34	42	42	34	30	33	44	44	30	27	42	41	40	32	32	30	40	....	41.1
Camden	Maximum	82	83	79	78	68	60	63	73	76	82	60	60	60	67	68	59	65	56	60	60	63	66	65	66	71	72	49	58	68	63	....	66.7
	Minimum	65	63	58	59	56	52	43	38	42	52	39	38	37	37	40	49	36	32	38	42	52	36	28	29	35	41	31	31	35	41	....	42.5
Camp Robinson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Conway	Maximum	82	72	79	73	56	58	72	70	64	66	59	69	67	71	62	60	56	59	65	59	69	65	65	65	69	54	65	66	72	69	....	65.9
	Minimum	68	61	58	55	52	46	41	39	48	52	34	32	32	35	42	49	32	27	33	44	53	32	30	40	49	38	29	30	30	47	....	41.9
Corning	Maximum	83	77	80	72	61	65	70	68	60	67	57	57	62	70	66	62	56	56	60	60	65	59	62	62	54	48	61	66	69	69	....	64.1
	Minimum	65	63	62	54	46	50	50	42	44	54	37	30	31	34	43	50	32	29	43	50	47	41	31	44	41	38	28	29	32	38	....	42.6
Crossett	Maximum	83	82	80	79	74	75	72	78	77	77	62	60	61	71	61	63	63	61	60	65	63	62	66	72	74	68	50	67	75	78	....	69.3
	Minimum	62	64	61	65	60	54	44	39	46	56	40	38	33	33	44	51	41	34	44	55	52	42	30	36	56	44	44	36	46	50	....	46.7
Cummins Farm	Maximum	82	83	83	82	74	74	72	71	78	75	58	59	58	62	69	63	59	58	64	62	65	61	58	69	74	66	56	69	65	77	....	68.2
	Minimum	59	61	61	47	52	52	47	45	44	53	42	36	35	39	43	44	38	34	42	39	51	39	34	33	36	42	40	39	41	45	....	43.8
Dardanelle	Maximum	80	71	76	71	58	56	72	69	69	62	60	61	65	67	64	64	59	58	64	63	75	70	65	63	63	58	65	64	69	68	....	65.6
	Minimum	71	65	58	57	53	51	44	42	47	46	35	34	33	36	48	50	34	28	33	46	54	36	31	47	48	39	30	33	31	47	....	43.6
De Queen	Maximum	79	69	72	68	66	58	70	71	76	75	70	61	64	65	60	63	56	57	61	59	66	61	63	68	67	64	64	68	66	74	....	66.0
	Minimum	64	62	60	60	55	52	40	38	53	52	32	38	34	35	48	47	33	26	36	42	44	32	30	43	42	40	29	38	33	43	....	42.7
Des Arc	Maximum	84	81	81	76	59	65	71	71	68	75	60	56	64	70	62	60	58	58	65	62	66	68	62	66	72	67	60	66	70	74	....	67.2
	Minimum	65	64	60	56	50	47	45	39	47	42	36	35	32	35	44	50	34	32	36	49	46	37	31	44	60	39	30	37	35	42	....	43.3
Devils Knob	Maximum	67	....	....	71	50	53	62	65	....	....	....	59	62	63	55	....	....	50	53	59	63	55	54	54	....	55	64	66	65	58	....	[h]59.2
	Minimum	62	....	....	50	47	46	41	44	....	....	....	30	40	46	46	....	....	24	37	38	48	33	40	45	....	31	40	40	50	48	....	[b]42.1
Dumas	Maximum	84	80	81	74	69	74	75	73	80	78	60	57	63	72	61	64	60	59	61	66	66	64	65	71	70	68	57	65	66	79	....	68.7
	Minimum	64	65	60	66	57	50	48	42	48	54	40	39	34	36	42	52	37	32	39	52	54	40	30	40	57	43	43	35	42	45	....	46.2
El Dorado	Maximum	77	71	75	71	62	61	72	69	79	60	53	57	60	65	57	65	51	55	58	61	64	59	63	68	72	61	54	64	66	73	....	64.1
	Minimum	67	66	62	64	58	57	48	43	60	52	41	43	39	38	52	49	40	35	46	55	54	43	34	40	61	44	38	40	45	48	....	48.7
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	71	63	60	58	52	58	59	59	56	59	49	52	64	65	65	55	42	55	66	69	65	58	61	62	61	46	60	65	70	62	....	59.6
	Minimum	59	59	52	50	45	45	44	41	45	38	29	29	42	44	49	39	25	27	35	45	46	29	41	52	32	32	33	37	41	48	....	41.1
Fayetteville	Maximum	71	65	63	54	53	59	63	61	62	65	51	57	64	66	57	54	51	56	63	68	66	59	59	62	61	50	63	65	69	62	....	60.6
	Minimum	59	57	52	51	50	49	43	38	45	36	30	30	31	39	50	37	27	22	31	45	46	29	41	51	33	32	28	32	31	42	....	39.6
Fayetteville Exp. S	Maximum	72	65	57	54	52	57	61	60	61	58	49	54	65	66	60	54	48	58	63	67	65	61	61	62	59	48	62	66	70	63	....	59.9
	Minimum	58	57	52	49	46	47	40	36	44	35	27	27	29	37	49	35	24	21	29	43	53	25	37	47	31	29	26	30	30	39	....	37.7
Fordyce	Maximum	84	78	80	73	65	64	73	76	81	72	62	60	65	69	63	66	61	60	55	61	60	63	65	78	75	71	57	66	66	78	....	68.2
	Minimum	66	66	60	62	55	51	46	45	52	52	38	37	36	41	50	51	32	31	41	41	39	38	47	42	60	41	34	36	41	47	....	45.9
Fort Smith	Maximum	78	67	72	63	56	56	58	67	64	55	57	59	64	66	59	54	56	54	64	69	72	60	65	68	60	53	63	63	66	67	....	62.5
	Minimum	64	62	56	56	53	48	44	41	50	37	36	35	35	39	50	38	31	30	37	43	44	32	35	51	38	36	31	36	32	48	....	42.3
Gilbert/	Maximum	76	69	73	58	52	59	68	67	63	54	56	58	67	71	61	66	54	59	67	66	70	62	64	62	48	51	66	72	73	69	....	63.4
	Minimum	65	58	55	54	50	48	42	33	37	45	29	29	28	29	31	48	24	17	18	28	31	24	24	27	47	36	26	27	26	27	....	35.4
Grannis/	Maximum	74	64	71	67	57	57	69	70	72	59	59	60	62	64	58	61	55	57	61	59	64	60	62	65	65	55	64	67	68	71	....	63.2
	Minimum	61	58	58	54	52	44	41	51	47	34	38	36	39	47	50	32	27	37	41	49	37	32	40	44	38	32	37	39	41	43	....	42.6
Gravette	Maximum	75	65	65	54	52	56	61	58	59	60	50	59	64	66	60	55	51	58	63	68	65	60	62	62	61	52	63	68	71	63	....	60.9
	Minimum	59	56	51	50	48	48	42	36	46	34	26	26	30	36	49	39	25	26	31	43	50	25	37	32	30	30	26	29	33	43	....	37.9
Green Mountain	Maximum	83	66	66	62	69	58	67	65	65	58	58	57	63	63	61	54	59	63	68	64	63	52	50	57	50	45	55	55	58	64	....	60.6
	Minimum	62	61	58	55	47	46	53	44	42	43	44	38	32	45	49	34	28	34	38	42	48	34	26	30	28	34	30	34	34	40	....	41.1
Harrison	Maximum	74	63	63	58	52	56	62	56	55	53	56	58	63	65	59	58	49	54	63	65	66	67	59	65	61	47	61	68	68	60	....	60.0
	Minimum	59	59	53	51	41	46	44	39	40	41	30	27	29	30	38	41	27	20	26	39	52	28	30	52	34	34	25	27	29	31	....	37.4
Helena	Maximum	81	81	80	75	64	72	71	68	75	73	58	53	60	69	63	60	59	56	63	62	62	61	61	66	68	64	58	64	70	80	....	66.6
	Minimum	63	65	60	60	55	52	49	44	50	55	40	36	32	37	45	51	35	33	41	51	55	37	32	42	57	40	40	38	45	48	....	46.3
Hope/	Maximum	83	73	76	64	59	60	72	76	78	58	62	60	65	67	59	63	53	57	55	59	64	61	64	72	68	49	61	66	61	78	....	64.8
	Minimum	68	64	59	60	56	54	43	42	44	55	36	39	36	36	44	52	35	31	38	40	49	40	32	40	62	42	35	35	38	41	....	44.9
Hot Springs	Maximum	82	76	74	69	57	59	73	72	73	69	63	61	67	67	60	58	56	60	61	57	64	63	63	64	67	67	63	69	68	73	....	65.8
	Minimum	62	64	59	57	52	50	45	47	51	50	34	35	38	45	50	50	32	32	37	49	53	38	38	45	58	40	34	38	39	49	....	45.7
Jonesboro	Maximum	81	78	81	70	59	66	68	67	59	69	55	54	61	69	67	57	50	55	62	58	64	59	61	63	65	46	60	63	68	70	....	63.5
	Minimum	65	63	61	55	48	49	49	46	46	54	38	33	36	38	41	48	32	30	36	50	49	34	38	39	44	38	31	35	34	44	....	43.5
Lead Hill	Maximum	83	66	65	56	56	57	63	62	54	56	54	57	65	70	62	59	52	58	67	68	72	58	63	68	60	60	64	68	72	68	....	62.8
	Minimum	61	57	55	51	44	47	38	36	40	40	29	23	27	29	39	41	24	18	25	31	44	23	25	51	35	32	24	25	26	36	....	35.9
Little Rock	Maximum	82	75	76	62	56	63	72	68	76	66	57	55	62	69	62	60	52	55	61	56	65	58	64	66	70	51	60	65	64	70	....	63.9
	Minimum	66	63	62	56	52	51	46	44	50	45	40	38	39	38	48	44	36	34	40	50	50	37	33	42	41	39	33	39	35	46	....	44.6
Lutherville	Maximum	78	73	70	69	59	55	66	70	66	60	56	60	64	61	62	58	54	58	62	72	62	62	59	60	61	56	60	63	67	69	....	63.1
	Minimum	69	62	52	50	53	50	45	43	43	44	33	34	37	40	45	38	31	32	37	46	34	37	45	47	41	36	30	37	40	49	....	42.7
Magnolia	Maximum	84	79	74	75	66	....	....	77	81	78	62	61	61	70	62	65	56	58	57	59	66	63	67	72	75	71	58	68	64	79	....	[b]68.1
	Minimum	68	64	60	64	59	....	....	46	44	54	37	40	32	38	53	53	38	34	40	49	56	43	38	42	61	44	38	41	46	50	....	[b]47.6
Mammoth Spring	Maximum	84	82	71	62	56	60	65	66	59	56	54	56	64	70	62	68	59	58	60	60	62	60	62	62	62	51	63	69	67	68	....	63.3
	Minimum	60	56	59	52	48	49	45	46	48	42	30	25	27	30	31	33	29	21	27	38	52	31	25	30	38	36	23	24	24	34	....	37.1
Marianna/	Maximum	83	81	81	65	61	70	71	70	75	61	58	55	61	71	62	61	51	57	66	61	63	57	61	66	70	46	59	67	71	78	....	65.3
	Minimum	64	65	62	....	55	50	48	40	46	55	39	34	32	36	42	52	35	32	36	51	52	35	31	42	55	41	36	35	37	45	....	[a]44.2
Marked Tree/	Maximum	82	81	80	63	62	68	70	70	71	62	56	55	60	70	68	58	49	65	62	57	62	58	61	66	71	46	60	64	70	71	....	64.6
	Minimum	61	63	62	59	51	48	48	40	40	48	37	33	30	32	34	44	32	29	29	39	47	31	30	30	48	40	30	30	31	32	....	40.3
Marshall/	Maximum	79	78	73	60	53	58	64	65	60	56	54	56	65	70	60	65	54	59	65	63	72	67	65	69	60	54	66	78	78	79	....	64.8
	Minimum	62	63	56	50	49	48	48	39	45	43	31	26	30	34	40	42	25	21	33	47	52	26	40	49	48	31	25	27	39	38	....	40.2
Mena	Maximum	75	67	70	64	57	57	71	73	71	68	58	58	66	68	59	57	55	58	66	69	68	63	64	64	64	56	63	68	71	68	....	64.5
	Minimum	64	60	56	57	51	50	43	40	49	41	33	34	34	37	51	42	31	28	35	40	54	38	33	49	56	36	29	36	33	47	....	42.9
Monticello	Maximum	82	81	81	76	66	74	74	75	81	60	60	57	64	72	59	64	53	59	59	63	64	62	64	70	70	52	55	66	67	79	....	67.0
	Minimum	65	66	61	66	55	53	48	42	54	53	41	41	39	38	50	46	39	36	44	54	56	42	38	43	58	42	43	40	50	53	....	48.5
Morrilton/	Maximum	80	70	75	60	55	59	69	70	65	53	58	58	65	67	60	61	55	57	62	59	70	61	62	64	65	56	61	62	67	69	....	63.2
	Minimum	69	63	58	57	53	43	47	44	44	51	36	37	36	37	41	49	33	29	29	38	50	35	33	34	49	37	31	32	33	34	....	42.1
Mountain Home	Maximum	76	69	70	60	57	55	66	65	56	60	55	56	65	68	62	65	54	58	64	64	70	60	62	63	63	50	63	66	69	68	....	62.6
	Minimum	61	60	56	53	47	47	40	39	43	41	32	27	30	30	43	42	29	24	30	36	52	28	30	51	35	33	24	28	29	40	....	38.7
Mt. Ida	Maximum	77	70	68	66	60	60	62	73	72	63	60	58	68	70	60	64	63	60	65	63	69	63	62	61	67	56	64	70	69	76	....	65.3
	Minimum	66	58	60	58	53	52	46	34	48	50	30	28	28	31	44	46	27	21	29	35	54	28	34	50	45	39	24	25	24	52	....	40.6
Nashville	Maximum	83	75	78	68	60	59	71	74	77	73	64	60	65	66	60	67	55	57	57	60	65	61	63	71	69	60	62	67	64	75	....	66.2
	Minimum	62	62	65	59	55	53	43	40	51	43	35	39	36	38	49	50	35	35	38	42	53	34	31	40	60	42	31	37	36	47	....	44.7

Daily Temperatures for November, 1946, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	85	80	83	70	57	63	70	68	68	69	59	58	63	70	78	57	54	55	63	58	65	59	62	66	65	49	63	65	70	69	....	65.4
	Minimum	65	65	63	57	54	50	49	41	47	52	39	36	38	37	43	48	34	32	35	45	51	36	33	44	58	40	31	36	32	42	....	44.5
Nimrod Dam /	Maximum	82	69	71	66	56	60	70	72	72	52	61	60	67	69	63	64	58	59	68	62	70	63	64	67	66	56	65	65	71	58	....	64.9
	Minimum	69	62	57	57	52	48	42	41	44	44	42	33	35	35	44	50	31	28	32	38	58	34	29	35	52	39	33	33	33	34	....	42.1
Oden	Maximum	72	71	65	63	57	60	70	71	70	64	50	60	66	66	59	60	55	58	61	63	66	61	60	64	61	51	63	66	66	70	....	63.0
	Minimum	54	50	58	57	54	50	46	43	52	44	42	39	38	41	52	44	35	36	39	45	53	42	38	55	41	36	33	34	34	54	....	44.6
Okay	Maximum	83	81	78	72	62	60	73	76	79	76	66	66	65	68	67	70	62	57	60	62	66	65	71	70	70	69	63	66	63	60	....	68.2
	Minimum	69	62	61	61	56	54	42	41	53	54	36	36	36	38	40	50	34	32	37	39	41	37	31	39	42	43	31	38	36	32	....	43.4
Ozark	Maximum	78	68	76	65	65	56	67	68	69	60	55	60	56	66	61	58	58	58	62	69	76	62	73	63	62	56	65	62	68	66	....	64.3
	Minimum	66	62	59	57	53	50	40	40	41	46	34	32	35	38	50	45	31	27	36	42	53	33	35	48	42	38	30	34	32	47	....	42.5
Paragould	Maximum	82	79	82	75	62	71	70	71	74	75	71	59	65	70	74	68	66	64	70	71	70	61	62	70	70	49	56	58	62	70	....	68.2
	Minimum	64	64	62	50	50	46	46	43	47	41	38	32	34	45	49	51	32	29	35	45	44	33	32	42	41	32	29	32	34	40	....	42.1
Perryville	Maximum	83	73	73	71	57	58	73	73	64	65	59	57	67	70	62	63	55	57	67	60	69	65	64	64	69	64	62	56	71	71	....	65.4
	Minimum	69	62	57	55	51	45	40	37	45	50	32	32	32	34	40	50	32	24	30	43	52	30	26	39	51	35	30	28	30	42	....	40.8
Pine Bluff	Maximum	83	79	79	72	71	64	72	73	75	73	59	57	64	72	67	70	67	54	67	60	66	61	67	70	72	64	59	64	61	75	....	67.9
	Minimum	65	67	62	60	56	51	43	45	53	52	42	40	37	39	48	49	37	34	41	53	52	39	34	47	54	42	38	38	39	41	....	46.6
Pocahontas	Maximum	81	76	79	72	57	61	69	69	61	64	55	57	62	69	65	57	56	67	58	58	64	61	60	61	60	47	64	68	67	70	....	63.8
	Minimum	56	62	61	54	42	50	49	40	45	52	36	32	34	33	42	50	31	30	35	43	49	31	28	39	41	38	28	32	31	39	....	41.1
Portland	Maximum	82	84	81	78	73	78	75	75	84	77	59	57	62	70	60	64	62	58	59	65	62	60	65	70	74	69	54	65	72	79	....	69.1
	Minimum	64	65	63	66	59	52	48	44	50	56	42	40	37	36	44	52	41	35	45	54	56	40	33	40	55	44	44	39	51	51	....	48.2
Prescott	Maximum	84	79	78	73	63	62	72	75	78	72	59	59	63	68	64	61	57	56	56	59	65	64	65	72	70	65	60	65	65	76	....	66.8
	Minimum	68	64	59	61	56	52	42	43	52	52	38	40	38	40	50	52	35	33	39	41	44	39	34	44	62	42	34	39	42	48	....	46.1
Rogers	Maximum	70	63	60	54	51	58	58	60	58	60	53	58	61	69	58	55	51	64	68	71	69	61	60	62	60	51	68	68	73	68	....	61.3
	Minimum	60	59	51	50	47	47	40	38	44	35	27	29	31	39	47	39	25	23	29	40	49	26	34	51	33	31	28	28	33	42	....	38.5
Russellville	Maximum	81	74	76	65	57	57	70	70	61	60	58	61	61	68	63	63	58	59	64	64	72	67	64	62	64	57	64	65	68	70	....	54.8
	Minimum	70	64	57	57	53	52	43	40	50	45	36	33	33	35	46	50	29	27	33	44	54	33	30	43	46	40	29	32	30	47	....	42.7
St. Charles /	Maximum	83	82	82	75	61	71	72	72	78	60	69	67	63	73	63	62	53	60	58	64	66	60	63	69	70	50	62	65	78	....	....	*67.3
	Minimum	65	65	61	60	57	55	47	42	48	58	40	37	35	36	42	51	37	33	35	48	52	39	33	44	58	43	39	39	39	45	....	46.1
Searcy	Maximum	85	76	82	70	55	60	70	72	60	62	60	56	67	72	62	59	52	57	62	58	67	61	64	66	70	57	63	69	72	73	....	65.3
	Minimum	65	63	61	55	51	50	45	42	48	49	37	34	37	35	41	50	34	32	35	49	52	36	30	39	43	39	30	36	31	44	....	43.1
Sheridan	Maximum	83	76	77	71	71	61	71	73	78	75	59	57	65	70	60	60	54	64	57	58	65	59	64	66	69	66	61	64	63	76	....	66.4
	Minimum	62	60	57	55	50	45	43	40	47	48	32	38	34	33	45	48	32	35	40	50	54	37	33	40	62	41	37	34	34	44	....	43.7
Siloam Springs	Maximum	76	64	60	55	54	58	63	61	61	61	51	59	66	68	57	56	51	59	64	68	67	61	61	63	62	51	64	67	71	62	....	61.4
	Minimum	59	58	50	50	48	50	41	36	46	36	28	28	31	39	49	40	26	23	28	41	49	26	37	51	30	30	27	31	33	41	....	38.7
Stuttgart	Maximum	83	81	79	72	62	68	72	69	76	75	57	56	60	70	61	62	57	56	66	60	66	61	64	68	71	64	59	62	64	74	....	66.5
	Minimum	65	66	62	60	55	50	48	44	50	53	39	38	37	39	46	52	38	33	39	50	50	36	34	41	60	41	35	37	38	46	....	46.1
Stuttgart Evap /	Maximum	82	80	79	65	58	69	71	71	71	59	58	55	62	70	60	62	52	57	64	60	64	58	62	66	70	57	69	64	65	75	....	65.2
	Minimum	65	65	62	61	57	50	48	41	42	53	40	38	35	36	38	50	37	34	34	44	50	39	32	33	45	42	35	34	37	40	....	43.9
Subiaco	Maximum	81	65	73	67	60	54	65	65	60	68	54	55	61	62	62	58	52	50	63	65	71	60	62	65	64	49	55	68	66	63	....	62.1
	Minimum	63	61	57	55	51	49	47	44	48	42	34	33	34	38	48	43	29	29	35	39	53	34	33	45	41	37	29	34	32	43	....	42.0
Texarkana	Maximum	82	77	76	68	61	60	73	75	79	61	60	60	63	66	60	67	54	56	63	58	66	63	64	71	68	50	59	66	63	75	....	65.5
	Minimum	67	62	61	60	59	48	45	44	57	43	38	43	39	42	54	43	37	34	42	47	52	42	27	47	48	39	36	41	42	49	....	46.6
Turnpike	Maximum	70	69	73	55	70	67	62	63	60	59	53	52	62	62	63	60	47	56	57	59	62	59	56	53	57	50	61	65	67	61	....	60.3
	Minimum	62	55	54	49	53	43	44	51	47	41	31	31	41	44	46	37	26	29	38	45	44	35	40	45	34	31	40	37	47	50	....	42.3
Waldron	Maximum	79	68	73	66	59	59	70	71	73	70	56	59	66	70	63	58	54	59	65	65	71	63	64	65	67	50	64	65	72	70	....	65.1
	Minimum	66	61	57	57	52	51	38	35	45	41	29	30	31	34	46	45	28	24	32	35	55	29	29	45	40	37	27	28	27	44	....	39.9
Warren	Maximum	85	84	82	78	70	72	68	75	83	78	65	64	67	67	63	63	65	60	64	64	65	64	65	70	75	75	69	65	67	65	....	69.9
	Minimum	63	62	62	60	55	53	47	48	44	53	40	36	36	37	45	52	38	34	44	51	46	44	31	44	60	50	44	37	45	37	....	46.6
White Rock	Maximum	66	62	71	56	52	52	62	63	62	50	54	57	61	62	54	53	51	55	58	60	64	57	56	55	57	52	63	65	66	64	....	58.7
	Minimum	61	56	54	50	49	46	40	40	40	38	41	34	41	44	45	37	26	32	39	43	48	36	39	45	33	30	39	40	43	56	....	42.2
Wilson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily River Stages for November, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.7	3.7	5.0	8.6	11.1	12.1	16.8	15.9	15.2	17.8	15.8	14.2	13.3	11.8	9.9	8.6	8.6	8.4	7.4	6.6	7.0	6.2	5.9	5.4	5.8	7.1	8.4	8.8	8.7	7.4	....
Van Buren	do	22	5.0	5.0	6.8	9.6	12.3	13.3	18.3	17.2	16.6	19.7	17.2	15.6	14.4	12.9	11.1	10.0	10.0	9.7	8.7	7.9	8.2	7.3	7.0	6.6	7.0	8.3	9.5	9.9	9.9	8.7	....
Danville	Petit Jean	20	2.3	2.3	2.5	3.8	8.2	11.9	16.9	17.5	15.3	13.3	13.9	14.7	13.8	12.1	10.2	9.3	12.2	12.7	11.9	10.7	9.9	5.4	4.7	5.0	4.9	12.8	19.2	19.0	18.1	16.6	....
Ozark	Arkansas	22	0.6	0.6	2.2	3.5	6.4	8.2	13.2	13.0	12.0	15.1	14.2	11.5	10.4	9.0	7.6	6.6	6.7	5.9	5.3	4.5	3.7	3.3	3.0	2.6	2.4	4.1	6.0	5.9	5.8	5.4	....
Dardanelle	do	22	2.4	2.2	2.6	4.4	6.9	10.1	13.6	16.4	15.1	17.7	19.2	16.1	13.8	12.4	10.9	16.8	10.0	9.2	8.2	8.6	6.7	6.0	5.6	5.2	4.9	5.7	8.4	8.9	8.4	8.2	....
Morrilton	do	20	-3.0	-3.2	-3.2	-2.4	-0.5	3.8	6.2	10.8	10.5	10.2	14.3	12.1	9.8	8.2	6.8	5.4	5.2	4.8	3.8	3.0	2.1	1.2	0.6	0.0	-0.3	-0.4	2.1	3.9	4.0	3.6	....
Little Rock	do	23	1.6	1.5	1.5	1.5	2.0	3.9	6.9	10.4	11.6	11.4	13.9	14.0	12.0	10.4	9.4	8.4	7.3	7.3	6.8	6.2	5.6	4.9	4.4	3.9	3.6	3.5	3.6	5.5	6.5	6.6	....
Pine Bluff	do	25	2.6	2.5	2.4	2.6	2.4	3.0	6.8	10.7	14.3	14.7	15.0	16.8	15.7	14.2	13.0	12.0	10.8	10.1	9.9	9.1	8.4	7.6	6.7	6.1	5.6	5.4	5.1	5.9	8.3	9.1	....
Gilbert	Buffalo	30	3.5	3.6	3.8	5.1	5.6	5.3	8.0	6.2	4.9	17.5	7.9	6.2	4.9	4.8	4.7	4.7	4.6	5.5	5.4	4.9	4.8	4.7	4.6	4.5	4.4	7.7	7.5	6.3	5.8	5.4	....
Black Rock	Black	14	2.3	3.7	5.4	5.3	5.2	6.0	6.5	7.0	6.8	7.7	11.6	11.0	10.8	11.5	11.9	11.5	10.8	9.8	9.0	8.5	8.0	7.6	9.1	6.6	6.3	7.9	9.3	9.7	10.0	10.5	....
Forsyth, Mo.	White	30	0.9	0.9	7.6	5.6	9.4	10.8	16.6	13.8	13.5	16.6	15.0	15.5	12.2	9.0	7.8	8.3	7.9	7.5	8.2	7.5	7.0	6.5	6.2	5.5	5.6	7.2	10.4	12.2	10.2	8.5	....
Cotter	do	21	1.0	1.4	1.9	7.3	6.9	9.4	13.1	16.1	13.2	20.6	18.3	15.9	15.0	11.6	10.2	7.4	9.6	8.2	7.3	6.8	6.9	6.8	5.8	5.6	5.7	12.2	9.3	8.5	11.8	9.8	....
Calico Rock	do	18	1.5	1.5	1.6	2.3	5.7	7.3	9.6	15.5	13.6	15.3	20.8	16.0	14.0	12.5	9.2	7.8	9.2	9.0	7.7	7.5	7.2	6.6	6.1	5.6	5.4	6.0	11.7	10.8	11.2	16.7	....
Batesville	do	23	6.0	7.4	8.8	7.8	11.2	12.5	16.2	19.5	21.9	21.1	25.3	25.4	25.4	20.9	17.6	14.9	14.1	15.7	14.6	13.6	13.6	13.0	12.2	11.6	11.2	11.8	17.7	17.4	17.1	17.9	....
Newport	do	26	1.5	2.1	4.2	7.8	7.0	9.2	11.2	15.0	19.0	20.4	21.9	24.2	24.9	24.4	23.8	22.2	20.4	19.6	19.0	17.7	16.4	15.8	14.1	13.0	11.9	11.1	12.8	17.2	18.0	18.6	....
Augusta	do	32	12.2	12.4	13.5	17.0	19.0	20.0	21.9	24.9	27.9	29.2	29.6	30.5	31.8	32.1	32.3	32.4	32.1	31.8	31.5	31.2	30.8	30.3	29.4	29.0	27.8	26.7	26.2	28.1	29.3	29.6	....
Sugar Loaf Mt.	Little Red	..	3.6	3.6	5.3	8.7	7.7	7.5	8.1	11.1	8.1	8.4	10.8	8.3	7.1	6.4	5.9	6.7	6.3	7.5	6.6	6.2	5.8	5.5	5.3	5.0	4.9	5.0	10.4	8.6	7.4	6.8	....
Georgetown	White	21	2.7	2.6	2.6	5.2	8.8	10.2	11.4	13.7	16.4	17.3	18.3	18.9	19.2	19.5	20.3	21.3	21.9	22.1	22.1	21.9	21.7	21.4	21.0	20.5	19.8	19.0	18.3	18.5	18.9	19.1	....
Des Arc	do	24	4.8	4.6	4.6	5.4	8.9	10.9	12.2	13.6	15.9	17.3	18.2	19.0	19.4	19.8	20.1	20.8	21.4	21.8	22.4	22.6	22.8	22.8	22.8	22.6	22.3	21.7	21.1	20.6	20.5	20.5	....
Clarendon	do	26	9.6	9.3	9.1	9.0	9.9	12.2	14.4	15.7	17.1	18.8	19.9	20.8	21.5	22.0	22.5	23.0	23.5	24.0	24.5	24.9	25.3	25.6	25.9	26.0	26.1	26.2	26.2	26.0	25.8	25.7	....
St. Charles	do	25	9.5	9.2	9.0	9.0	9.0	10.4	12.4	13.9	15.1	16.5	17.7	18.5	19.2	19.8	20.2	20.6	21.0	21.3	21.6	21.9	22.3	22.6	23.0	23.3	23.5	23.9	24.1	24.2	24.4	24.5	....
Glenwood	Caddo	..	4.6	4.8	9.0	9.0	7.0	7.4	8.5	6.7	6.0	8.9	6.6	6.2	6.0	5.6	5.4	5.4	5.9	5.5	5.9	5.4	5.8	5.1	5.0	5.0	5.0	5.8	5.6	5.4	5.1	5.3	....
Arkadelphia	Ouachita	17	3.8	3.8	6.3	8.6	9.9	10.3	12.4	16.8	15.1	15.7	17.6	12.5	8.8	8.2	8.0	7.9	8.2	7.7	7.9	7.7	7.7	7.6	7.5	7.2	4.8	7.7	8.8	8.1	5.5	6.5	....
Boughton	Little Mo.	20	4.3	4.2	4.9	13.0	15.4	16.9	17.9	18.1	17.9	18.2	18.2	17.6	17.0	13.4	9.9	8.5	8.9	9.8	9.5	8.2	8.6	8.4	8.2	7.5	6.4	6.8	7.5	9.2	11.8	12.0	....
Camden	Ouachita	26	4.7	5.0	4.8	5.5	10.0	13.1	16.0	17.1	20.5	23.4	25.8	27.8	29.2	29.8	29.4	28.4	26.9	25.0	22.6	20.3	18.4	16.7	15.3	13.9	11.9	10.0	11.7	15.0	16.7	16.2	....
Benton	Saline	20	4.0	4.0	4.6	9.8	11.1	8.4	10.7	10.7	8.4	10.6	13.1	9.0	8.8	7.2	6.9	6.9	7.1	7.2	6.8	6.6	6.3	6.1	6.0	5.8	5.6	5.6	8.7	8.4	7.0	6.7	....
Index	Red	25	5.8	5.8	5.8	6.0	15.1	19.0	20.9	23.1	24.0	23.6	22.4	21.2	20.1	18.8	16.4	15.0	13.0	12.0	13.8	13.4	12.1	11.4	10.8	10.2	10.1	10.1	11.2	10.8	10.2	11.6	....
Fulton	do	25	7.0	6.8	7.6	8.8	14.0	19.9	22.6	24.8	26.3	26.8	26.4	25.9	25.2	24.2	22.7	21.1	19.2	18.4	18.0	17.2	16.1	14.9	13.5	12.4	11.8	12.0	13.1	14.8	14.0	15.2	....
St. Francis	do	18	2.3	2.4	3.2	5.0	5.6	5.1	4.5	3.9	3.4	4.0	4.2	8.4	11.2	12.2	13.3	13.7	14.0	13.7	13.2	12.4	11.4	10.3	9.3	8.2	7.3	8.5	10.2	11.9	11.9	12.7	....
St. Francis L.L.	do	..	17.5	17.4	17.3	18.2	18.3	18.3	17.9	17.4	17.0	16.9	16.8	17.0	18.3	19.1	19.1	19.3	19.6	20.0	20.3	20.5	20.5	20.6	20.6	20.5	20.6	20.9	21.0	21.1	20.9	20.9	....
Marked Tree	do	17	5.0	5.0	4.8	1.7	3.7	4.0	5.3	5.3	5.1	5.2	5.2	5.2	3.2	2.8	5.5	5.4	5.2	3.4	1.5	1.4	1.4	1.4	1.3	4.0	3.8	1.4	1.4	1.4	4.0	4.6	....
Parkin	do	28	4.3	4.6	4.2	3.9	3.3	2.8	3.9	4.8	4.9	5.9	6.1	6.1	5.9	5.0	4.2	4.7	4.9	5.0	4.5	3.3	2.7	2.6	2.6	2.6	2.9	3.5	3.8	3.7	3.7	4.7	....
Madison	do	32	1.6	1.2	2.2	2.0	2.4	2.2	1.7	1.4	2.4	8.8	5.0	4.7	4.7	4.2	3.7	2.7	2.5	2.9	3.4	3.4	2.4	2.0	1.7	2.4	2.0	3.1	3.7	5.2	4.2	4.2	....
Helena	Mississippi	44	9.0	9.0	9.1	9.2	9.5	11.7	15.6	18.4	19.7	20.2	20.2	19.6	18.6	18.0	17.9	18.4	18.8	18.4	17.7	17.0	16.9	17.5	17.4	16.9	16.1	15.9	15.3	14.7	14.3	14.7	....
Arkansas City	do	42	8.3	7.8	7.6	7.6	7.7	8.0	9.7	13.3	16.3	18.9	19.7	20.1	20.4	19.8	19.0	18.5	18.4	18.2	17.8	17.3	16.8	16.5	16.5	16.4	16.0	15.5	15.1	14.7	14.3	14.3	....

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. ^{1} Midnight to midnight. ^{2}Measured in the morning for the preceding 24 hours. ^{3}Data for 24 hours ending at 12:30 a..m. of the following day. ^{4}Best available used for stations not equipped with recorders. ^{5}Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilla: Boughton, Route 4, Prescott· Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill: Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner: Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

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CLIMATOLOGICAL DATA

3 ARKANSAS SECTION

WALTER C. HICKMON

VOL. LI LITTLE ROCK, ARK., DECEMBER, 1946 No.12

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Arkansas was under the influence of high pressure most of the month. These highs were mostly centered over the eastern half of the United States; this resulted in a flow of air from the south, giving the State the fourth warmest December in 56 years.

A series of storms (LOWS), which moved eastward along the northern border of the United States, sent cold air down over Arkansas beginning the 9th, giving about three days of moderate to heavy rains and showers over the entire State.

On the 28th, a deep low centered over the lake region caused a new mass of cold air to move in over the State. This new cold air coupled with the unseasonably warm air, already over the State, created a tornado which followed along a cold front from the southwest to the northeast (see Tornado)

TEMPERATURE

December 1946 was the fourth warmest December in 56 years, with its average temperature of 48.3°; 5.5° above the average. Highest temperature reported during the month was 81° at Gilbert on the 6th. Practically all the stations in the State reported their highest temperatures on the 28th; just before the tornado moved across the State. White Rock reported the lowest with 4° on the 30th. The growing season in the State was finally ended with the advent of either freezing temperatures or killing frost, along the lower Arkansas on the 2d.

PRECIPITATION

Precipitation was only 0.05 inch below the average for the State as a whole, with 4.18 inches. This does not give a clear picture, however, as some stations in the alluvial section reported deficiencies of as much as 3.00 inches; while stations it the Ozark region reported excesses up to 5.00 inches. These heavy rains in the Ozarks caused minor floods in the Ouachita, White, and Arkansas Rivers. Hail was reported at several stations on the 28th. The northern two-thirds of the State ended the year uner a snow blanket of 1.0 to 3.5 inches of snow.

TORNADO

A small tornado swept across the State during the evening of the 28th. The tornado first made its appearance about six miles west of Newhope, at approximately 5:00 p.m.; last appearance was about two miles north of Bradford, at approximately 10:30 p.m. The tornado travelled 155 miles 5.5 hours; about 28.5 miles per hour. The major portion of the damage was reported in the first fifty miles of travel. Points of contact reported: About 6 miles west of Newhope; Langley; Hopper; Jessieville; several points in the Ouachita National Forest; Providence; and Possum Grape (2 miles north of Bradford). High winds were reported generally over the State at the time of the tornado, but Wynne was the only place to report any serious damage. The damage at Wynne totaled $16,078.00 to a warehouse and merchandise. The damage in the tornado strip totaled $95,915.00 to personal property; $200,000.00 to standing timber (7,000,000 to 8,000,000 feet); and 23 people injured.

MISCELLANEOUS PHENOMENA

Dates of

Thunderstorms: 2, 9, 10, 11, 12, 28, 29.

High Winds: 1, 7, 8, 9, 11, 12, 13, 16, 17, 18, 20, 21, 26, 27, 28, 29, 30, 31.

Heavy Fog: 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 23, 24, 25, 26, 27, 28.

Hail: 28.

Killing Frost (Freezing Temp.): 1, 2.

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.63	16	29.41	12	7.8	28	w.	28	81	62	67	52	531
Little Rock	30.64	2	29.51	12	8.8	28	nw.	29	85	63	67	47	491
Memphis .	30.62	2	29.49	12	9.7	37	sw.	28	79	63	72	46	510

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	72	13	4.69	.....	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	− 6	4.42	1.3	6	12	6	13
1902	40.8	75	5	5.71	3.3	8	10	6	15
1903	39.7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0.7	7	12	6	13
1908	46.0	82	11	1.50	0.2	5	13	7	11
1909	35.3	82	1	5.26	3.2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1.0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43.6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.3	7	12	4	15
1916	42.1	82	−16	3.35	4.5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	3	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43.2	74	6	5.95	0.4	8	13	5	13
1921	47.1	82	11	2.78	T	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6.24	T.	13	9	5	17
1924	41.4	86	− 8	3.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.18	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0.9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41.5	74	4	3.78	0.2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.32	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
1938	44.6	74	6	2.93	T.	7	13	7	11
1939	45.5	84	5	2.46	1.4	5	16	5	10
1940	46.7	77	14	3.90	T	9	13	5	13
1941	44.7	80	14	3.67	0.3	7	11	8	12
1942	42.7	80	16	4.87	0.6	10	8	5	18
1943	40.7	82	− 5	3.43	0.7	7	9	6	16
1944	38.0	76	4	7.86	0.4	11	12	3	16
1945	37.7	79	−12	2.25	2.1	7	10	6	15
1946	48.3	81	4	4.18	0.6	6	13	7	11
Period	42.8	88	−21	4.23	1.1	8	12	6	13

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HIST.

Climatological Data for December, 1946

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	9	49.2	......	72	7	12	30	3.57	......	1.18	28	1.5	8	14	8	9	w.	L. R. Water Works
Arkadelphia	Clark	200	50	48.4	+ 3.9	77	28	16	30	2.40	−2.64	1.28	11-12	T.	7	15	6	10	s.	W. H. Halliburton
Arkansas City	Desha	145	61	....	......	......	......	......	......	2.48	−2.80	0.87	11	1.5	8	....	....	....	......	John W. Trammell
Ashdown	Little River	329	2	48.0	......	75	27	16	30	1.86	......	0.57	9	T.	5	12	6	13	s.	Southwestern G. & E.
Batesville Airway	Independence	363	10	46.5	+ 5.8	74	28	13	30	4.52	......	1.88	28	1.0	9	13	7	11	s.	Airway Observer
Batesville Livestk.	Independence	500	5	45.2	......	74	6	10	30	4.21	......	1.50	9-10	0	4	15	8	8	nw.	University of Arkansas
Batesville River	Independence	277	46	....	......	......	......	......	......	4.01	−0.08	1.78	27-28	T.	6	....	....	....	......	C. M. Barnwell
Bee Branch	Van Buren	650	53	47.4	+ 5.4	71	6	11	30	6.18	+2.05	2.20	9	2.5	5	10	11	10	n.	Minnie Scanlan
Benton	Saline	285	10	44.6	+ 2.6	74	28	11	30	2.65	......	1.20	11-12	T	5	18	2	11	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	40	43.3	+ 4.5	74	6	5	30	4.86	+2.40	1.69	9-10	T.	6	14	9	8	sw.	E. L. Brown
Bethesda***	Independence	500	6	44.8	......	74	6	10	30	3.89	......	1.57	9-10	0	5	12	7	12	s.	Soil Cons. Service
Big Lake Outlet***	Mississippi	239	15	....	......	......	......	......	......	2.80	−1.90	1.81	11-12	T.	8	8	10	13	se.	N. W. Douglas
Black Rock	Lawrence	259	44	....	......	......	......	......	......	3.15	−0.71	1.40	29	T.	5	....	....	....	......	J. H. Ragan
Bluff City, 2 mi. s.	Nevada	284	5	....	......	......	......	......	......	....	......	....	....	....	....	....	....	....	......	Ark. Forestry Com.
Blytheville	Mississippi	252	20	....	......	......	......	19	30	3.29	−1.02	1.19	28	1.5	6	18	4	9	s.	R. E. Blaylock
Booneville 3 miles w.	Logan	465	31	50.6	+ 6.7	76	6	12	30	6.94	+3.72	3.80	9-10	2.2	6	13	11	7	w.	F. H. Randolph
Boughton***	Clark	235	10	....	......	......	......	......	......	4.39	......	1.30	29	0	5	....	....	....	......	Katie B. Moore
Brinkley	Monroe	205	54	47.7	+ 3.9	74	28	16	30	3.29	−1.82	1.15	29	0	7	....	....	....	n.	U. S. Weather Bureau
Calico Rock	Izard	361	41	....	......	......	......	......	......	4.14	+0.79	2.10	9-10	T.	5	....	....	....	......	William Jones
Camden	Ouachita	116	60	49.2	+ 3.9	80	1	17	30†	1.80	−3.20	0.52	20	T.	5	12	13	6	ne.	J. M. Knight
Camp Chaffee	Sebastian	419	2	[c]48.6	......	[a]75	6†	[a]14	30	6.53	......	4.65	9-10	1.4	5	11	8	12	sw.	U. S. Army
Camp Robinson	Pulaski	463	5	....	......	......	......	......	......	....	......	....	....	....	....	....	....	....	......	U. S. Army
Clarendon	Monroe	172	41	....	......	......	......	......	......	2.71	−2.42	0.80	10-11	0.2	7	....	....	....	......	B. F. Northern
Conway	Faulkner	309	62	48.8	+ 5.8	75	6	13	30	4.03	−0.28	1.89	28	1.7	7	11	12	8	sw.	G. Y. Short
Corning	Clay	293	52	46.6	+ 6.7	72	6	16	30	3.65	−0.04	1.58	28-29	0	5	13	6	12	sw.	Mrs. Laura Polk
Cotter	Baxter	440	18	....	......	......	......	......	......	5.32	+1.96	2.39	9-10	0	5	....	....	....	......	O. B. McSpadden
Crossett 7 miles s.	Ashley	175	33	51.2	+ 4.6	75	9†	20	30	3.94	−1.55	1.48	30-31	0	6	13	4	14	s.	U. S. Forest Service
Cummins Farm***	Lincoln	176	2	....	......	......	......	......	......	....	......	....	....	....	....	....	....	....	......	T. C. Cogbill
Danville	Yell	327	29	....	......	......	......	......	......	3.92	+0.17	1.62	9-10	0	5	....	....	....	......	J. A. Moudy
Dardanelle	Yell	330	59	50.0	+ 7.2	77	6	14	30	4.61	+1.07	1.90	9-10	0	5	7	13	11	s.	Geo. N. Goodier
DeQueen	Sevier	426	10	50.0	......	75	27	15	30	3.19	......	0.97	10-11	0.5	6	16	7	8	......	L. D. McCowan
Des Arc	Prairie	204	7	[a]50.2	......	[a]75	28	[a]15	30	2.90	......	1.06	11	T.	5	7	1	23	s.	Z. R. Glenn
Devils Knob***	Johnson	2350	9	....	......	72	6	......	......	6.69	......	3.42	9-10	3.5	6	14	2	15	sw.	U. S. Forest Service
Dumas	Desha	162	40	51.0	+ 4.7	78	10	20	30	4.32	−1.72	1.21	30-31	2.0	8	10	11	10	n.	Ben Johnson
El Dorado	Union	270	45	51.2	+ 4.2	74	28	19	30	3.93	−2.53	1.90	30-31	T.	4	12	11	8	s.	Airway Observer
England	Lonoke	229	39	....	......	......	......	......	......	....	......	....	....	....	....	....	....	....	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	45	46.2	+ 6.1	74	6	6	30	4.03	+1.05	1.10	9-10	1.0	7	17	8	6	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	8	46.4	......	72	6	8	30	5.13	......	2.04	9-10	0.7	7	6	10	15	s.	Charles F. Ford
Fayetteville Exp.	Washington	1451	58	45.4	+ 5.3	72	6	6	30	4.85	+2.07	1.50	9-10	0.6	7	7	15	9	sw.	University of Arkansas
Fordyce	Dallas	280	5	52.5	+ 6.6	73	6†	16	30†	3.68	−1.30	1.00	31	0	8	17	5	9	sw.	Ark. Forestry Com.
Fort Smith	Sebastian	448	64	47.9	+ 5.8	74	27	14	30	6.31	+3.55	4.40	9-10	2.1	5	6	11	14	w.	U. S. Weather Bureau
Fort Smith Wtr.P.***	Crawford	793	8	....	......	......	......	......	......	6.42	......	3.93	9-10	2.0	6	17	4	10	......	Ft. Smith Water Dept
Fulton	Hempstead	260	60	....	......	......	......	......	......	2.54	−1.56	0.88	11-12	T.	7	....	....	....	......	Ina J. Logan
Garland	Miller	225	3	....	......	......	......	......	......	2.13	......	0.72	11	0	5	....	....	....	......	L. D. Denney
Georgetown, 2 mi, se.	White	200	33	....	......	......	......	......	......	2.23	−1.30	1.34	11	0	4	....	....	....	......	J. S. McDonald
Gilbert	Searcy	600	20	43.7	......	81	6	8	30†	4.65	+1.33	2.93	9-10	T.	4	14	8	9	sw.	D. O. Dennis
Glenwood	Pike	547	10	....	......	......	......	......	......	4.09	......	1.32	11-12	0	7	....	....	....	......	C. A. Price
Grannis	Polk	950	26	47.3	+ 2.8	72	28	12	29	6.44	+1.46	1.87	10	0.5	8	12	6	13	s.	W. E. McVay
Gravette	Benton	1250	48	45.4	+ 6.9	73	7	5	30	7.06	+4.68	3.02	9	2.0	6	10	9	12	nw.	J. A. Schmidt
Green Mountain***	Stone	1100	8	47.4	......	74	6	8	30†	4.94	......	2.73	9-10	0.7	4	20	4	7	nw.	U. S. Forest Service
Harrison	Boone	1052	45	45.1	+ 6.5	76	6	8	30	4.89	+2.40	1.97	9-10	1.1	6	....	....	....	......	R. C. Beene
Helena	Phillips	300	73	49.6	+ 5.4	72	6†	18	30	3.01	−2.07	0.96	28	T.	7	10	3	18	s.	James A. Burnett
Hope 3 miles e.	Hempstead	375	75	49.9	+ 3.1	[a]73	7†	16	30	2.56	−2.08	0.82	11-12	T.	7	16	6	9	sw.	Univ. of Arkansas
Hot Springs	Garland	600	53	50.8	+ 6.4	72	6†	12	30	4.36	−0.27	1.41	11-12	1.5	6	17	5	9	s.	National Park Service
Index***	Little River	275	28	....	......	......	......	......	......	1.70	−2.96	0.50	9	0	5	....	....	....	......	W. E. McDowell
Jessieville	Garland	750	19	....	......	......	......	......	......	....	......	....	....	....	....	....	....	....	......	U. S. Forest Service
Jonesboro	Craighead	345	50	46.9	+ 5.6	73	28	15	30	4.30	−0.08	1.85	11-12	T.	5	10	9	12	sw.	Benedictine Sisters
Lead Hill	Boone	650	39	44.9	+ 5.5	79	6	9	30	4.72	+1.72	2.09	11-12	0.9	6	14	7	10	s.	F. W. Kellogg
Little Rock[a]	Pulaski	257	66	49.2	+ 5.0	74	28	16	30	3.23	−0.91	1.38	11-12	2.5	5	7	9	15	sw.	U. S. Weather Bureau
Lutherville, 2 mi. e.***	Johnson	775	47	48.0	+ 6.4	73	6†	8	30	5.09	+0.91	3.14	10	1.0	5	18	4	9	w.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	15	....	......	......	......	......	......	2.80	−2.74	0.80	11-12	0	7	....	....	....	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	29	53.9	+ 5.0	76	15	19	30	2.44	−3.30	0.69	10-11	0	7	18	5	8	nw.	State Agri. School
Mammoth Spring	Fulton	600	41	43.4	+ 4.1	72	6	11	30	3.68	+0.41	2.25	9-10	0	5	13	2	16	n.	L. A. O'Neal
Marianna	Lee	235	34	47.8	+ 3.9	74	28	20	30	3.16	−1.47	1.46	28-29	2.0	6	7	10	14	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	41	45.3	+ 4.6	75	28	18	30	3.01	−1.53	1.26	11-12	0	5	11	6	14	s.	Chas. Walton
Marshall	Searcy	1050	27	47.8	+ 6.6	80	6	8	30	8.76	+5.03	3.78	10-11	0	3	19	5	7	s.	Mrs. Minnie Horton
Mena	Polk	1207	57	49.2	+ 6.4	71	8†	10	30	5.94	+1.95	2.41	11	0.6	7	14	5	12	n.	E. W. St. John
Monticello	Drew	273	5	51.3	......	75	28	21	30	4.11	......	1.42	31	T.	8	14	8	9	s.	Airway Observer
Morrilton***	Conway	315	29	46.7	+ 3.1	75	6	13	30	4.37	+0.33	1.52	11	0	5	16	2	13	se.	L. A. Dicus
Mountainburg	Crawford	712	8	....	......	......	......	......	......	6.39	......	3.86	9-10	2.0	6	18	6	7	s.	C. A Lovell
Mountain Home***	Baxter	800	33	46.3	+ 6.4	76	6	9	30	4.95	+1.41	2.40	9-10	2.0	6	13	5	13	nw.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	46	48.2	+ 5.2	74	27	9	30	6.99	+2.66	2.04	9-10	2.0	6	15	4	12	w.	J. S. Whittington
Mulberry 6 mi. n***	Franklin	433	7	....	......	......	......	......	......	6.65	......	4.12	9-10	T.	4	....	....	....	......	H. G. Arvin
Nashville	Howard	350	7	49.7	......	75	27†	17	30	2.70	......	0.96	9	T.	6	12	10	9	sw	Brice Carruth
Newport	Jackson	231	62	49.6	+ 7.4	80	7	16	30	3.33	−0.77	1.58	28	T.	5	7	8	16	w.	Willis T. Moyer
Nimrod Dam	Perry	475	4	47.0	......	76	6	11	30	7.07	......	2.50	11-12	0	5	12	6	13	sw.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	18	48.8	......	69	25†	14	30	4.90	+0.67	2.46	27-28	0.5	5	10	10	11	s.	U. S. Forest Service
Okay	Howard	288	17	51.8	+ 5.2	75	27†	18	30	2.66	−2.49	0.95	11-12	1.2	6	16	8	7	sw.	J. T. Hargis
Osceola	Mississippi	250	45	....	......	......	......	......	......	....	......	....	....	....	....	....	....	....	......	C. E. Carter
Ozark	Franklin	396	50	48.2	+ 6.4	72	7†	12	30	6.78	+3.38	3.52	9-10	0.2	5	11	10	10	se.	Orkney O. Milton
Paragould	Greene	275	22	....	......	......	......	......	......	....	......	....	....	....	....	....	....	....	......	Jene J. Coffman
Parkin, 2 mi. w.	Cross	222	15	....	......	......	......	......	......	4.20	−1.08	1.73	10-11	T.	5	....	....	....	......	Carroll King
Perryville	Perry	325	6	48.5	+ 6.7	78	6	13	30	3.60	−0.38	1.40	11-12	0	8	10	9	12	w.	Gordon Bennett
Pine Bluff	Jefferson	215	58	52.3	+ 7.2	77	11	20	30	2.64	−2.63	1.17	28	T.	5	13	6	12	nw.	Mary T. Scheu
Pine Ridge	Montgomery	840	21	....	......	......	......	......	......	5.24	+1.03	1.58	12	0.3	7	6	9	16	nw.	J. R. Huddleston
Pocahontas	Randolph	300	52	45.7	+ 5.4	72	20	17	18	1.82	−1.98	0.85	9-10	0	4	15	6	10	s.	Benedictine Sisters
Portland	Ashley	122	39	51.9	+ 4.7	75	9†	17	31	2.83	−2.96	0.90	20	0	6	13	6	12	s.	Mrs. Pearl Newton
Prescott	Nevada	318	57	52.2	+ 6.8	76	1	17	30	3.52	−1.14	1.00	12	0	7	18	4	9	s.	R. P. Hamby
Rogers	Benton	1300	55	45.4	+ 6.2	73	6	6	30	5.55	+3.11	2.11	9	3.5	7	11	7	13	sw.	Howard Fowler
Russellville	Pope	526	33	48.8	+ 7.0	75	6	13	30	4.55	+1.20	2.00	9-10	1.5	6	13	11	7	s.	U. S. Forest Service
St. Charles	Arkansas	175	12	[d]51.6	......	74	28	[g]18	30	2.61	......	0.86	28-29	0	7	6	13	12	s.	U. S. Biological Survey
St. Francis	Clay	290	18	....	......	......	......	......	......	3.96	−0.19	1.85	11-12	0	4	....	....	....	......	Wm. S. Buckley
Searcy	White	245	35	48.8	+ 6.0	75	28	15	30	2.90	−1.71	1.30	28	T.	6	18	3	10	s.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	5	50.7	......	74	28	14	30	3.18	......	1.02	28	1.0	9	8	12	11	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	5	46.9	......	72	6	8	30	5.50	......	1.83	9-10	0.9	8	11	14	6	s.	John Brown Univ.
Story	Montgomery	650	21	....	......	......	......	......	......	4.99	+0.38	1.98	9-10	0	3	15	6	10	s.	S. C. Story
Stuttgart	Arkansas	214	58	50.5	+ 6.5	74	28	19	30	2.83	−2.19	....	....	2.0	10	18	5	8	ne.	George L. Clark
Stuttgart 9 mi e.***	Arkansas	198	10	48.4	......	73	28	19	30	4.16	......	2.75	29	0	6	16	8	7	......	University of Ark.
Subiaco	Logan	750	47	47.6	+ 4.6	71	6†	11	30	6.79	+3.36	3.44	9-10	0	4	15	7	9	s.	New Subiaco Abbey
Texarkana	Miller	332	61	52.1	+ 5.2	74	28	19	30	1.91	−2.70	0.73	11-12	T.	9	12	8	11	s.	U. S. Weather Bureau

Climatological Data for December, 1946 Continued

Stations	Counties	Elevation, feet	Length of record years	Temperatures (Degrees Fahrenheit) Mean	Departure from normal	Highest	Date	Lowest	Date	Precipitation, inches Total	Departure from normal	Greatest 24 hours	Date	Total snowfall (unmelted)	Number of days Precipitation .01 in. or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observer
Turnpike ***	Pope	2240	21	45.4	......	71	6	4	30	5.39	+1.18	2.87	9-10	1.4	8	8	13	10	sw.	U.S Forest Service
Waldron	Scott	675	26	48.9	......	74	6	11	30	6.05	+2.45	3.10	9-10	T.	4	13	12	6	sw.	William D Bivens
Warren	Bradley	206	51	52.8	+ 7.2	74	7†	19	30	3.38	−2.38	0.95	31	T.	7	14	6	11	sw.	C. N Turner
Whitecliffs	Little River	290	39	....	......	......	......	......	......	2.18	−2.46	0.94	8-9	0	4	....	......	......	......	L. M. Snead
White Rock ***	Franklin	2285	9	45.3	......	69	6	4	30	7.71	......	2.95	9-10	2.0	7	15	2	14	se.	U. S. Forest Service
Wilson	Mississippi	237	20	....	......	......	......	......	......	....	......	....	......	......	....	....	......	......	......	D. O. Anderson
Wynne	Cross	167	37	....	......	......	......	......	......	....	......	....	......	......	....	....	......	......	......	Guy B. Upton
State Means	......	....	..	48.3	+ 5.5	81	6	4	30	4.18	−0.05	4.65	9-10	0.6	6	13	7	11	s.	

Daily Precipitation for December, 1946

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas										2.72	.20	1.96																T.	.33		.09	5.30
Alum Fork Reser.	Arkansas									.34	.77	.35	.77															.06	.08	1.10		.10	3.57
Aplin[2]	Arkansas									.23	.27	1.18	1.67																	1.70			5.05
Arkadelphia[2]	Ouachita									.15	.25	.40	1.28								.01									.27		.04	2.40
Arkansas City[2]	Mississippi										.12	.28	.87								.47	.02							.05	.34		.33	2.48
Ashdown[2]	Red							T.		.57	.19	.05	.54								T.									.51		T.	1.86
Augusta[2]	White									T.	.06	.58	1.40									.03								.80		T.	2.87
Batesville Air'y[3]	White									.36	1.34	.38	.40				.01											.03	1.88		.03	.09	4.52
Batesville Livestk[2]	White										1.50	1.00	.61	T.															T.	1.10			4.21
Batesville River[2]	White									.11	1.11	.31	.70																.03	1.78		T.	4.04
Beaty Lake	St. Francis									T.	.80	.48	.50								.26							T.	T.	1.15	T.	.25	3.44
Beaver[2]	White									.35	1.55	.17	1.12	.02																.46			3.67
Bee Branch	Arkansas									2.20	.76		1.74																*	1.23		.25	6.18
Beech Grove[2]	White									T.	.42	.41	1.20																	1.28			3.31
Beedeville[2]	White																																....
Benton[2]	Saline									.13	.36	.46	1.20								T.									.50		T.	2.65
Bentonville[2]	Arkansas									*	1.69	1.14	1.19	.52														T.	.32	T.			4.86
Bethesda[2]	White									.22	1.57	.72	.62																	.76			3.89
Big Flat[2]	White									T.	2.63	.23	1.58																	.27			4.71
Big Lake Outlet[2]	St. Francis								.01		.28	.53	1.81	.01							.03	.12						.01	T.			T.	2.80
Black Rock[2]	White									.24	.84	.38	.29																	1.40	T.		3.15
Bluff City	Ouachita																																....
Blytheville[2]	St Francis											1.15	.49								.20								.11	1.19		.15	3.29
Booneville 3 mi. w	Arkansas									T.	3.80	1.25	.95							T.									.58	.14		.22	6.94
Booneville[2]	Arkansas										4.09	.32	1.75								T.									.30	T.	T.	6.46
Boughton[2]	Ouachita										.90	.36	.86								.97									1.30			4.39
Bradford[2]	White									T.	.15	.27	1.14																.03	2.00			3.59
Brinkley[3]	White									T.	.82	.58	.42				T.			.13	.11							T.	T.	1.15	.08		3.29
Burdette	Mississippi										.44	1.12	.53								.25									1.65			3.99
Calico Rock[2]	White									.05	2.10	.35	1.30																	.34		T.	4.14
Camden[2]	Ouachita											.43	.26								.52									.33		.26	1.80
Camp Chaffee[2]	Arkansas										4.65	.18	1.27																T.	.35		.08	6.53
Camp Robinson[1]	Arkansas																																....
Carlisle[2]	Arkansas											.72	1.10																				1.82
Clarendon[2]	White										.01	.80	.72								.14	.08								.78		.18	2.71
Cold Springs[2]	Ouachita										3.10	.40	2.60																	.52		.05	6.67
Conway	Arkansas									.33	.53	.35	.77							T.								T.	.11	1.78		.16	4.03
Corning[2]	White									.06	.60	.25	1.16																	1.58			3.65
Cotter[2]	White										2.39	.11	1.14	.34																1.34			5.32
Crossett	Ouachita										.55	.25	.49					T.			.84								T.	.33		1.48	3.94
Crystal Valley[2]	Arkansas																																....
Cummins Farm	Arkansas																																....
Danville[2]	Arkansas									.24	1.62	.55	1.19																	.32			3.92
Dardanelle[2]	Arkansas									.18	1.90	.62	1.58																	.33			4.61
De Queen	Red									.51	.84	.97	.22							T.										.60		.05	3.19
Dermott[2]	Mississippi																																....
Des Arc[2]	White										.06	1.05	1.06	.02								T.								.71		T.	2.90
Devils Knob	Arkansas										3.42	1.14	1.36															.07	.35			.35	6.69
Dumas	Mississippi										.44	.36	.55					.02		T.	.78							T.	.03	.93		1.21	4.32
Eagle Gap[2]	Arkansas									T.	3.71	.43	2.73															T.	.29	.40		.12	7.68
El Dorado	Ouachita										.65	.39									.99											1.90	3.93
Eleven Point[2]	White									.18	1.57	.13	.92	T.															T.	.56		T.	3.36
England	Arkansas																																....
Eureka Springs	White									.80	1.10	.90	.75																.32	.08		.08	4.03
Evening Shade[2]	White									T.	2.03	.60	.53	T.																1.30			4.46
Fayetteville	White									1.09	1.17	1.33	.59							T.								T.	.86	.03		.06	5.13
Fayetteville Exp. S	White									.58	1.50	.98	1.12	T.						T.								T.	.35	.28	T.	.04	4.85
Fordyce	Arkansas									T.	.32	.40	.35								.52				.02			T.	.25	.82		1.00	3.68
Forester[2]	Arkansas									.18	1.70	2.15	4.09																	.51		.03	8.66
Fort Smith[1]	Arkansas									3.19	1.23	1.27	T.															T.	.51	T.		.11	6.31
Fort Smith W.[2]	Arkansas										3.93	.05	1.64	T.															.13	.55		.07	6.42
Fulton[2]	Red									.52	.02	.15	.88								.14									.76		.07	2.54
Garland[2]	Red									.26	T.	.72	.45								.38									.32		T.	2.13
Georgetown[2]	White										.09	.78	1.34								.02								T.				2.23
Gilbert[2]	White										2.93	.14	1.15	T.															T.	.43	T.		4.65
Glenwood[2]	Ouachita									.96	1.02	.26	1.32				.02												.04	.47			4.09
Grannis[2]	Red								.20	1.65	.40	1.87				.05				T.									.03	1.80	T.	.44	6.44
Gravelly[2]	Arkansas									.19	1.31	.43	1.80																.01	.55		.01	4.30
Gravette	Arkansas									3.02	2.21	.80	.51																.32			.20	7.06
Green Forest	White									.19	1.64	.15																	.45				2.43
Green Mountain	White									T.	2.73	T.	1.96															T.	.18			.07	4.94
Greenwood[2]	Arkansas									.11	3.18	1.06	.87							.61	.58									1.05	.02		7.48
Harrison	White									.57	1.97	.51	1.33																	.50		.01	4.89
Helena[2]	Mississippi										.52	.32	.54								.36	.12								.96		.19	3.01
Henderson[2]	White										2.00	.21	1.90																1.50				5.61
Hope[2]	Red									.32	.04	.35	.82								.27									.63		.13	2.56
Hot Springs	Ouachita									.46	1.05	.30	1.41				T.			T.								T.	T.	.88		.26	4.36
Huttig Lock 7, Dam 6[2]	Ouachita										.17	.43	.50					.05			.58	.02								.28		.08	2.11
Index[2]	Red									.50		.25	.40																.05	.50			1.70

Daily Precipitation for December, 1946, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Jessieville	Ouachita									T.	.36	.27	1.85								T.	.04								1.78			4.30
Jonesboro[2]	White										.82		.72					.10												1.30		T.	2.94
Lake City[2]	St. Francis									.40	1.44	.74	1.35															T.	.70	T.		.09	4.72
Lead Hill	White									.09	.64	.40	1.02							T.	T.							T.	.96			.12	3.23
Little Rock[1]	Arkansas									.04	1.40	.52	1.00																.01	.51			3.48
Lock & Dam No. 3[2]	White									.09	3.95	.28	2.30	.04															.12	.53			7.31
Lurton[2]	White									T.	3.14	.40	1.35			T.													.10			.10	5.09
Lutherville	Arkansas										T.	.40	.80								.20	.30						T.	.05	.70		.35	2.80
Madison[2]	St. Francis										.13	.56								.42	.20								.41		.37	.35	2.44
Magnolia	Red									.11	2.25	.74		.12																.46			3.68
Mammoth Spg[2]	White										T.	.55	.65								.20	.10								1.46		.20	3.16
Marianna[2]	St. Francis											.95	1.26	.02								.16								.62			3.01
Marked Tree[2]	St. Francis										3.64	3.78	1.34																				8.76
Marshall[2]	White										*	1.09									.33									2.10		T.	3.52
Marvell[2]	White									.20	3.17	.37	.96															.06		.60			5.36
Melbourne[2]	White									.03	1.92	.47	2.41		T.		T.												.03	1.04		.04	5.94
Mena[2]	Ouachita										.50	.25	.25							.29	.62								.37	.41	T.	1.42	4.11
Monticello[1]	Ouachita										.14	.30	.54								.98									.36		.53	2.85
Morobay[2]	Ouachita									.22	.93	.39	1.52																	1.31			4.37
Morrilton[2]	Arkansas									1.45	2.41	1.06	.64																.72	T.		.11	6.39
Mountainburg	Arkansas									T.	2.40	.50	1.00															T	.10	.85		.10	4.95
Mountain Home	White									.36	3.42	.73	1.59																				6.10
Mountain View[2]	White									1.53	2.04	.26	1.77																	1.23		.16	6.99
Mount Ida	Ouachita										4.12	.23	1.74	T.															T.	.56		T.	6.65
Mulberry[2]	Arkansas									.96	.29	.05	.91							T.								T.	.43			.06	2.70
Nashville	Red																																....
Newhope[2]	Ouachita									T.	.45	.30	.95				T.				T.							T.	.05	1.58		T.	3.33
Newport[2]	White									.30	2.00	.42	2.50																1.85				7.07
Nimrod Dam[2]	Arkansas										4.30	.20	2.35	.20																.60			7.65
Oark[2]	Arkansas									.06	3.00	.27	1.77	.23															.02	.68		.08	6.11
Odell[2]	Arkansas									.59	1.15	.67																T.	2.46			.03	4.90
Oden	Ouachita									.82	.33	.04	.95							T.										.48		.04	2.66
Okay	Red																																....
Osceola[2]	Mississippi										3.52	.18	2.35																.71			.02	6.78
Ozark[2]	Arkansas																																....
Paragould	St. Francis										T.	1.73	1.19								.08	.12								1.08		T.	4.20
Parkin[2]	St. Francis								.16	.10	.73	.23	1.40		.01														.04	.93			3.60
Perryville[2]	Arkansas										T.	.45	.61								.20	T.						T.		1.17		.21	2.64
Pine Bluff[2]	Arkansas									.28	1.35	.39	1.58																.04	1.56		.04	5.24
Pine Ridge[2]	Ouachita									.32	.85	*	.65																				1.82
Pocahontas	White										.55	.25	.55						T.		.90								T.	.43		.15	2.83
Portland[2]	Ouachita									.20	.20	.32	1.00	T.				T.			.30								T.	.50		1.00	3.52
Prescott[2]	Ouachita										3.10	1.10	.80																.50				5.50
Ratcliff[2]	Arkansas										2.90	.21	2.19	.24						T.									.18	1.23			6.95
Red Star	White									2.11	1.11	.97	.93															T.	.30	.10		.03	5.55
Rogers	White																																....
Rosebud	Arkansas									.22	2.00	.45	1.64															T.	.09			.15	4.55
Russellville	Arkansas										.17	.42	.52								.36	.07								.86		.21	2.61
St. Charles[2]	White										.25	.26	1.85																	1.60			3.96
St. Francis[2]	St. Francis									.03	.10	.41	1.03																.03	1.30		T.	2.90
Searcy[2]	White									.06	.60	.51	.69				T.				.04							.02	.32	.70		.24	3.18
Sheridan	Ouachita									.43	1.85	.86	1.65					T.												.38			5.17
Shirley[2]	White									1.72	1.83	1.01	.48															.07	.31	.07		.01	5.50
Siloam Springs	White												.30					1.22		T.	1.14									.31	.10	.10	3.17
Sparkman	Ouachita									.02	.41	.91									.09									.41		.25	2.09
Stamps	Red																																....
Stephens[2]	Ouachita									.41	1.50		2.38																	1.10			5.39
Steve[2]	Arkansas										1.98	T.	1.95						T.											1.06			4.99
Story[2]	Ouachita										*	.75	*	.60						*	.16								*	*	1.10	.22	2.83
Stuttgart[2]	Arkansas										.08	.51	.59								.17	.06								2.75			4.16
Stuttgart Evap[2]	Arkansas										3.44	.51	2.66															T.		.18			6.79
Subiaco[2]	Arkansas										3.10	.15	2.50																	.62		T.	6.37
Sugar Grove[2]	Arkansas									.21	.91	.35	.83																.06	1.01			3.37
Sugar Loaf Mt[2]	White								T.	.48	.08	.72	.01							.05	.04						T.	T.	.40		.01	.12	1.91
Texarkana[3]	Red																																....
Tichnor[2]	White									.05	2.87	.62	1.11															.06	.31	.29		.08	5.39
Turnpike	Arkansas										2.40		1.56																				3.96
Viola[2]	White										3.10	.35	2.50																	.10		T.	6.05
Waldron[2]	Arkansas									.12	1.01	.50	.30																T.	1.45		.25	3.63
Walnut Grove	White										.28	.28	.54						T.	T.	.92				T.		T.	T.	.08	.33		.95	3.38
Warren	Ouachita									.69	.25	T.	.62																	.62			2.18
Whitecliffs[2]	Red									.92	2.95	1.10	1.46															T.	.90	.02		.36	7.71
White Rock	Arkansas																																....
Wilson[2]	Mississippi																																....
Wynne	St. Francis																																

Daily Evaporation (inches), Mean Temperature (F)°, and Wind Movement (miles) for December, 1946

(See precipitation data in table on preceding page)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	43	32	39	44	51	54	57	61	60	57	58	57	42	45	48	45	32	30	31	39	46	46	47	52	43	45	55	65	26	18	22	44.8
	Wind move	25	44	36	38	13	20	59	93	78	32	20	74	112	35	39	137	47	13	35	49	40	40	60	26	27	34	74	85	94	95	74	1,648
Hope Exp. Farm	Evap.	.042	*	*	*	.314	.072	.071	.049	.067	.024	.018	.205	.129	.051	.040	.048	.090	*	*	.228	.041	.082	.090	.059	.023	.055	.019	.009	.183	....	. .	2.109
	Mean tem.	56	41	43	46	50	56	58	60	60	63	62	62	43	50	56	56	48	36	34	39	46	50	50	50	51	53	61	67	33	23	....	49.9
	Wind move	26	81	22	20	17	33	39	31	43	31	21	47	73	31	25	20	77	55	24	20	61	50	47	37	21	8	46	58	96	61	63	1,284
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Mean tem.	50	36	43	48	50	54	58	58	60	56	60	59	48	44	52	52	41	34	32	40	48	49	50	54	46	50	51	64	26	20	20	47.0
	Wind move	8	11	6	9	14	21	8	25	45	11	10	31	70	1	1	15	28	3	4	2	37	68	25	42	4	16	28	43	144	66	9	805
Russellville	Evap.	.082	.068	.050	.030	.040	.050	.040	.064	.018	....	....	....	.052	.018	.030	.030	.106	.042	.026	.050	.052	.052	.056	*	.098	.046	.004	*	.074	....	....	1.407
	Mean tem.	53	36	42	48	52	56	57	59	62	61	58	58	51	46	51	56	52	36	34	42	48	50	54	48	46	50	58	62	44	22	26	48.8
	Wind move	25	21	12	5	8	6	18	11	17	6	9	45	19	7	10	17	46	12	16	22	51	15	26	6	6	7	21	9	116	25	28	642
Stuttgart Rice Exp. Farm	Evap.	.023	.127	*	*	.116	.043	.052	.058	.057	.064	.002	.007	.095	.021	.021	.015	.070	*	*	.174	.038	*	.052	.072	.071	.009	.004	.023	....	....	....	1.394
	Mean Tem	50	38	41	46	48	54	51	58	60	62	62	62	46	45	52	54	45	36	34	38	42	48	53	53	48	49	52	65	40	24	....	48.4
	Wind move	20	95	35	20	30	30	70	130	40	110	40	100	120	20	15	50	115	100	50	40	40	40	90	58	32	30	80	150	150	130	65	2,095

Daily Temperatures for December, 1946

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	64	60	59	65	65	70	72	69	61	64	63	64	57	58	70	69	65	43	40	50	58	66	65	65	60	64	64	71	67	35	26	60.4
	Minimum	44	24	27	32	37	40	41	48	56	57	55	54	40	35	40	49	35	26	25	25	25	33	46	40	35	37	50	62	22	12	22	37.9
Arkadelphia/	Maximum	60	52	60	67	71	74	72	71	67	65	65	69	55	62	73	72	46	44	41	52	63	70	71	65	62	63	71	77	35	30	29	60.5
	Minimum	47	29	26	26	28	31	38	39	50	57	57	56	40	37	37	40	45	27	27	28	34	28	28	36	36	35	44	60	28	16	17	36.4
Ashdown/	Maximum	64	52	62	67	71	73	73	73	69	63	68	68	51	56	69	66	49	46	39	51	63	71	72	65	64	66	75	74	33	30	30	60.4
	Minimum	50	29	25	26	29	34	39	44	51	59	54	55	39	36	38	37	36	22	26	32	30	27	28	39	36	34	48	47	21	16	18	35.6
Batesville Air	Maximum	49	42	58	65	71	73	71	70	67	59	66	66	50	48	59	65	47	43	37	47	60	64	69	64	60	68	66	74	53	26	26	57.5
	Minimum	32	24	25	27	35	38	45	52	56	55	50	43	34	32	35	47	28	21	26	33	34	27	45	37	27	41	49	52	16	13	22	35.5
Batesville, Livestk/	Maximum	58	60	57	68	69	74	72	70	66	59	65	63	48	56	62	64	38	43	38	50	59	63	68	62	59	67	66	71	28	26	31	57.4
	Minimum	28	22	23	21	35	37	44	50	52	55	50	53	37	30	34	35	33	17	24	28	33	27	29	35	27	27	48	42	23	10	12	32.9
Bee Branch	Maximum	66	46	55	64	69	71	68	67	64	65	60	64	59	53	64	66	64	44	42	46	58	64	66	66	64	66	65	70	65	37	28	59.5
	Minimum	40	24	23	27	32	35	45	44	54	55	55	56	38	33	34	42	34	20	24	33	33	27	36	37	27	32	47	51	23	11	21	35.3
Benton/	Maximum	58	47	60	67	69	71	72	73	66	61	65	67	53	58	70	71	44	45	40	50	64	66	68	69	62	62	69	74	33	28	28	59.0
	Minimum	41	24	19	21	23	26	33	35	36	53	53	53	35	29	30	32	39	19	19	23	23	21	23	36	27	25	39	54	25	11	13	30.3
Bentonville/	Maximum	43	52	62	71	68	74	67	69	63	60	59	55	46	54	68	65	36	42	39	42	55	68	62	64	63	71	70	48	19	24	24	54.9
/	Minimum	32	20	23	29	35	40	48	51	56	52	45	48	34	35	38	41	24	17	18	26	26	29	32	28	26	28	41	39	11	5	6	31.7
Bethesda	Maximum	48	43	58	65	70	74	72	70	67	60	65	62	48	61	65	58	42	43	38	50	59	64	67	72	59	68	68	71	28	26	30	57.1
	Minimum	38	21	20	23	32	35	42	52	54	54	50	51	36	29	32	32	22	17	24	28	33	27	27	31	27	22	42	59	24	10	15	32.5
Bluff City	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blytheville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	35	24	26	30	36	42	46	48	48	57	52	57	37	42	48	48	33	23	26	33	33	26	42	38	29	37	64	58	31	19	25	38.5
Booneville	Maximum	65	50	62	73	73	76	74	73	68	66	61	62	58	60	68	71	65	44	39	52	61	70	71	68	65	72	73	73	67	28	25	62.4
	Minimum	40	37	29	27	35	40	47	59	62	56	55	55	43	40	40	43	39	21	29	35	31	29	46	35	33	37	52	55	19	12	21	38.8
Brinkley	Maximum	61	45	58	65	68	71	70	71	71	66	67	67	49	53	67	68	60	42	40	41	60	68	69	59	68	72	71	74	43	28	36	59.6
	Minimum	33	23	21	24	30	38	48	47	54	57	57	48	34	31	34	51	33	24	24	26	31	28	28	42	33	41	44	58	35	16	17	35.8
Camden	Maximum	80	60	52	60	68	71	73	72	72	69	63	68	70	61	65	75	72	49	46	42	48	60	70	70	58	66	71	71	74	38	32	62.8
	Minimum	43	27	23	25	28	30	36	42	44	61	55	54	38	34	34	38	41	28	28	30	33	35	30	38	32	32	44	55	32	17	17	35.6
Camp Robinson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Conway	Maximum	63	47	58	68	70	75	73	69	66	66	63	65	60	56	69	70	65	45	40	49	61	70	69	67	62	67	68	73	65	30	28	61.2
	Minimum	42	25	25	26	34	38	38	45	55	56	55	54	40	33	35	45	37	21	25	35	30	30	45	38	28	34	47	55	25	13	23	36.5
Corning	Maximum	65	45	55	64	68	72	69	70	67	64	59	64	63	45	57	62	62	41	38	46	48	58	62	62	58	67	66	65	55	25	26	57.0
	Minimum	41	22	24	27	38	35	45	44	53	56	48	55	33	33	44	45	32	20	26	33	32	29	44	32	25	33	49	55	34	16	21	36.3
Crossett	Maximum	73	53	62	68	71	72	68	71	75	66	69	69	65	65	74	67	65	66	41	42	60	70	71	65	66	75	71	75	71	38	32	64.4
	Minimum	52	28	25	27	31	38	40	45	54	63	58	54	38	34	38	40	40	30	25	34	29	28	33	48	35	38	38	56	34	20	21	37.9
Cummins Farm	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dardanelle	Maximum	67	50	60	69	72	77	75	70	66	65	61	65	59	56	65	71	67	47	41	51	62	70	70	69	64	66	69	73	67	31	30	62.1
	Minimum	42	29	27	28	35	39	41	52	58	56	54	53	43	36	38	43	39	24	31	35	32	30	43	38	31	32	48	55	22	14	23	37.8
De Queen	Maximum	63	53	60	65	70	72	72	70	68	67	65	65	60	61	61	72	65	43	38	51	61	68	69	70	62	62	75	72	69	31	30	61.6
	Minimum	48	30	26	29	32	38	42	52	61	58	58	57	37	39	41	45	40	25	29	35	30	28	35	38	37	37	50	54	20	15	25	38.4
Des Arc	Maximum	71	52	58	66	70	72	71	71	69	69	63	66	64	64	66	68	....	62	43	45	48	66	69	65	63	61	67	75	70	32	28	[a]61.8
	Minimum	45	26	26	27	36	40	47	49	56	56	55	55	43	34	36	49	....	27	27	32	32	30	43	42	31	37	52	62	28	15	21	[a]38.7
Devils Knob	Maximum	50	42	60	65	62	72	64	....	....	60	55	58	47	47	63	62	58	38	33	46	55	61	63	62	57	64	60	60	....	....	....	....
	Minimum	32	22	28	47	46	50	50	....	....	50	51	46	33	38	42	48	26	18	24	27	29	39	43	45	35	43	49	59	....	....	....	....
Dumas	Maximum	68	50	60	66	70	74	68	71	70	78	69	69	65	60	77	74	63	47	41	42	60	70	71	62	62	69	71	75	71	34	31	63.2
	Minimum	47	29	25	28	36	43	47	45	46	52	59	55	41	34	37	39	38	28	27	34	34	30	36	50	33	39	53	66	29	20	26	38.9
El Dorado	Maximum	69	49	57	64	67	72	68	68	70	69	67	61	57	61	72	70	58	45	39	45	59	69	69	65	63	62	71	74	63	35	33	61.0
	Minimum	40	32	28	30	34	38	47	50	62	65	61	43	45	37	41	55	44	31	26	32	38	30	41	54	41	46	58	63	27	19	26	41.4
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	58	49	57	67	67	74	67	67	64	57	57	57	45	51	66	65	55	40	37	45	55	65	61	57	61	68	67	65	46	20	21	55.8
	Minimum	34	22	32	41	43	50	47	57	56	50	47	44	34	33	40	50	25	19	29	31	31	35	50	35	32	38	55	41	11	6	14	36.5
Fayetteville	Maximum	58	50	59	65	67	72	67	67	63	58	57	57	46	55	67	64	50	37	38	43	55	64	61	59	59	66	68	65	44	22	23	55.7
	Minimum	33	24	33	29	49	50	52	57	56	53	50	44	37	45	41	49	25	18	29	29	32	30	48	32	27	44	54	44	11	8	15	37.0
Fayetteville Exp. S	Maximum	57	47	59	65	67	72	66	65	62	57	55	55	47	53	67	64	56	38	46	44	58	63	63	59	59	67	68	64	52	22	23	56.1
	Minimum	30	20	30	29	46	46	49	54	54	51	47	44	34	39	38	46	23	16	26	27	28	38	46	29	25	41	51	43	9	6	13	34.8
Fordyce	Maximum	72	53	60	68	71	73	71	71	69	67	68	70	66	62	73	72	69	44	42	60	56	70	70	60	64	70	70	72	70	34	32	63.5
	Minimum	51	28	27	38	43	48	50	49	58	60	58	55	40	35	41	56	40	28	28	30	31	36	46	43	36	47	57	66	28	16	16	41.5
Fort Smith	Maximum	58	49	57	68	71	73	73	72	70	59	61	60	51	56	65	69	48	43	38	48	59	68	65	63	62	70	74	68	32	27	26	58.2
	Minimum	32	28	30	30	37	43	46	59	58	56	56	47	44	44	42	48	30	22	31	34	32	34	36	36	34	37	55	32	16	14	20	37.6
Gilbert/	Maximum	49	48	62	69	73	81	70	72	66	60	60	58	56	53	71	69	40	44	39	51	58	68	69	63	63	73	69	68	24	26	25	58.0
	Minimum	37	16	17	20	22	28	30	39	59	55	51	52	38	33	31	33	31	13	13	29	28	22	31	28	20	21	29	42	18	8	8	29.4
Grannis/	Maximum	57	50	61	64	67	69	69	65	65	59	63	63	53	60	66	68	46	42	37	51	61	66	67	68	61	62	71	72	26	29	28	57.6
	Minimum	25	26	31	34	41	44	45	48	56	55	52	38	36	40	44	41	22	26	28	31	34	36	37	37	39	43	53	58	12	15	21	37.0
Gravette	Maximum	59	51	60	61	66	70	73	68	66	57	58	58	47	53	67	61	51	39	39	46	54	66	59	59	62	67	69	67	42	23	25	56.2
	Minimum	31	22	30	30	46	46	47	58	56	53	46	46	35	41	39	47	24	16	27	26	29	30	44	28	30	31	50	41	10	5	13	34.7
Green Mountain	Maximum	46	52	57	69	65	74	70	70	63	65	64	70	59	62	60	60	55	55	54	50	59	61	63	65	64	65	60	72	58	42	30	60.0
	Minimum	20	21	29	44	46	52	50	50	57	52	54	49	35	34	33	30	22	20	21	28	31	34	32	41	40	42	40	40	16	8	8	34.8
Harrison	Maximum	59	43	56	65	68	76	66	65	60	57	57	53	50	51	64	68	59	38	36	48	54	65	63	57	59	68	67	67	60	23	24	56.3
	Minimum	35	19	30	25	32	34	41	56	56	53	47	48	35	36	35	39	26	17	21	30	34	34	39	28	23	30	54	55	14	8	16	33.9
Helena	Maximum	68	45	55	63	68	72	69	71	70	67	66	66	63	54	65	66	63	43	40	39	55	62	68	66	61	60	68	72	63	32	29	59.8
	Minimum	42	27	27	32	40	44	47	47	53	61	58	55	40	33	39	50	35	26	27	34	29	31	40	49	35	42	51	61	30	18	23	39.5
Hope/	Maximum	61	52	60	66	70	72	73	72	70	66	67	68	55	64	73	73	48	44	40	49	60	69	71	59	65	69	72	73	33	30	....	[a]61.5
	Minimum	50	30	26	26	31	41	44	49	49	60	57	55	40	37	38	39	47	27	27	29	31	31	30	41	37	37	50	61	33	16	18	38.3
Hot Springs	Maximum	66	52	60	61	69	72	72	70	65	64	64	65	58	60	70	69	67	46	39	50	62	67	68	70	62	61	67	71	69	29	30	61.1
	Minimum	45	27	31	31	42	50	48	51	56	57	55	55	41	36	39	54	38	24	27	34	37	37	44	45	38	45	50	63	21	12	22	40.5
Jonesboro	Maximum	60	41	54	63	66	71	70	69	64	64	62	64	59	46	60	65	62	40	36	42	57	61	64	61	58	65	66	73	58	35	26	57.5
	Minimum	40	24	28	29	34	38	45	43	53	56	50	55	38	34	35	43	34	23	26	32	34	28	40	38	30	36	44	57	23	15	21	36.3
Lead Hill	Maximum	56	45	60	70	75	79	69	70	68	59	58	60	49	52	66	70	54	42	37	49	57	69	65	58	62	73	70	65	56	26	25	58.5
	Minimum	35	17	23	31	28	31	34	55	58	52	46	45	34	37	35	36	28	15	25	31	34	21	32	25	21	28	28	38	15	9	19	31.3
Little Rock	Maximum	59	44	58	65	68	71	71	70	69	67	66	66	49	52	64	70	59	43	40	47	61	68	66	66	58	64	69	74	56	26	28	59.2
	Minimum	38	28	28	30	38	41	43	48	55	58	58	49	40	37	38	53	34	27	28	34	35	32	45	46	38	39	59	56	19	16	24	39.2
Lutherville	Maximum	61	44	54	61	68	73	73	71	66	63	62	60	60	58	65	71	63	55	38	45	57	63	60	65	60	65	69	70	40	26	25	58.4
	Minimum	41	25	26	35	32	42	45	48	58	54	54	55	48	39	40	45	34	20	29	33	30	32	43	40	33	37	48	51	19	8	20	37.5
Magnolia	Maximum	71	60	62	69	73	75	75	73	74	69	69	71	64	63	76	73	60	49	49	52	61	72	73	70	66	74	72	75	73	36	30	65.5
	Minimum	57	30	27	32	40	45	48	49	50	60	58	55	44	39	45	55	42	30	29	33	32	36	43	54	41	47	53	64	29	19	25	42.3
Mammoth Spring	Maximum	65	44	55	65	68	72	70	68	64	62	60	65	56	54	54	56	60	60	39	47	56	59	60	60	54	66	67	65	59	25	27	57.5
	Minimum	38	18	20	22	27	30	32	40	50	54	46	52	33	32	28	24	28	13	14	32	36	21	31	27	20	21	22	48	19	11	19	29.3
Marianna/	Maximum	54	44	57	63	68	71	69	70	70	66	66	66	52	53	65	67	43	44	40	45	57	62	66	66	60	60	68	74	39	28	28	57.5
	Minimum	48	27	25	29	34	42	45	47	51	56	58	56	41	32	36	50	42	25	26	28	31	28	37	40	31	38	45	54	36	20	22	38.1
Marked Tree/	Maximum	46	42	58	62	67	70	71	70	65	63	64	65	46	47	58	65	47	43	39	39	60	59	67	70	58	67	68	75	37	27	28	56.2
	Minimum	40	26	22	27	27	34	38	43	53	53	54	55	39	30	31	35	40	26	23	26	30	27	27	37	30	30	35	53	35	18	19	34.4
Marshall/	Maximum	60	56	61	70	74	80	68	70	66	64	60	60	69	69	55	50	35	50	57	67	69	59	60	70	68	67	67	70	64	23	25	60.7
	Minimum	36	19	30	26	28	40	50	54	57	53	52	36	47	42	30	26	27	31	32	27	30	31	25	43	26	35	53	54	17	8	18	34.9
Mena	Maximum	57	52	64	67	68	70	70	71	65	65	62	62	56	62	71	68	59	42	36	51	61	66	67	66	63	63	68	69	65	28	24	59.9
	Minimum	42	26	27	32	42	48	50	55	59	55	54	52	42	36	40	48	34	23	26	32	32	36	43	40	37	39	46	55	16	10	19	38.6
Monticello	Maximum	61	50	60	62	70	72	67	71	74	67	70	69	56	62	72	71	62	44	40	42	60	69	70	58	63	64	70	75	64	31	30	61.2
	Minimum	39	30	28	32	42	46	49	49	56	64	59	50	40	38	44	55	37	30	29	34	32	33	41	50	40	46	56	64	24	21	26	41.4
Morrilton/	Maximum	54	45	57	67	69	75	71	68	66	66	65	63	51	54	65	69	51	45	39	43	59	68	67	65	60	67	67	70	29	30	23	57.7
	Minimum	42	26	25	27	29	36	40	41	50	56	55	55	42	38	38	39	39	25	26	28	35	31	34	40	33	33	36	56	26	13	14	35.7
Mountain Home	Maximum	64	44	58	70	75	76	73	71	67	64	60	61	52	49	63	67	60	43	36	50	58	68	65	60	62	73	68	65	55	23	24	58.8
	Minimum	37	21	24	26	34	36	40	52	59	55	49	48	31	36	34	40	28	16	26	31	32	26	45	29	22	33	46	48	16	9	18	33.8
Mt. Ida	Maximum	68	56	62	68	69	73	72	69	69	67	66	65	57	60	72	71	64	46	37	57	63	62	69	70	67	68	74	70	60	27	27	62.1
	Minimum	45	21	21	22	26	24	44	52	57	53	56	55	44	32	24	44	39	18	21	35	26	25	49	34	31	26	42	45	20	9	22	34.3
Nashville	Maximum	62	51	59	61	70	73	71	72	68	64	66	72	62	61	72	72	61	42	38	50	60	69	70	65	63	59	75	75	61	29	30	61.4
	Minimum	51	31	27	29	33	39	41	41	39	56	58	49	42	39	43	47	41	26	29	35	31	29	35	39	37	37	48	60	23	17	25	38.0

Daily Temperatures for December, 1946, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Newport	Maximum	53	44	58	65	69	71	80	73	67	63	61	67	58	50	62	65	60	45	41	47	61	64	67	65	60	70	68	75	66	33	28	59.9
	Minimum	46	27	26	29	35	41	46	49	57	58	54	57	39	40	38	50	38	28	29	34	36	29	45	41	32	38	48	65	23	16	23	39.3
Nimrod Dam...../	Maximum	58	49	61	68	71	76	72	70	66	57	65	63	56	54	68	65	42	46	39	51	60	70	70	68	64	71	69	70	30	29	28	58.9
	Minimum	43	24	25	27	30	33	44	47	54	55	55	55	41	33	36	38	40	23	26	28	35	28	30	40	29	30	33	57	21	11	13	35.0
Oden	Maximum	68	45	60	62	65	67	67	67	65	60	63	60	55	60	68	66	45	42	34	51	60	63	64	64	69	64	67	69	53	28	24	57.9
	Minimum	35	34	32	84	42	47	50	57	56	57	56	50	41	36	37	42	35	31	32	34	37	34	38	42	36	39	53	53	28	14	19	39.7
Okay	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ozark	Maximum	66	46	58	67	67	70	72	68	69	62	60	60	56	55	66	70	58	46	38	47	60	70	67	57	59	66	72	66	64	26	28	59.2
	Minimum	40	24	29	29	34	39	43	54	61	56	55	52	44	42	41	43	35	21	31	34	35	29	36	37	31	35	49	47	18	12	21	37.3
Faragould	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville	Maximum	65	47	60	70	69	78	73	70	68	66	65	65	59	57	70	69	66	40	40	50	61	70	68	75	64	70	69	73	68	28	27	61.9
	Minimum	41	25	23	25	28	34	35	44	55	55	54	55	40	34	35	40	37	26	24	34	35	25	40	36	26	30	45	50	22	13	22	35.1
Pine Bluff	Maximum	57	48	60	69	71	74	71	71	74	68	77	70	60	67	73	71	64	47	44	45	64	70	71	64	63	69	69	73	70	29	29	63.0
	Minimum	44	30	29	32	40	47	48	52	61	60	59	57	42	37	37	58	39	28	30	35	33	33	45	48	35	40	55	65	26	20	25	41.6
Pocahontas	Maximum	68	45	58	62	67	69	69	67	63	63	58	71	62	52	56	62	62	41	37	72	56	55	63	60	54	63	63	65	51	23	24	57.5
	Minimum	40	21	22	25	32	35	40	42	48	56	48	54	34	33	40	39	32	17	25	23	32	25	41	34	25	31	45	51	22	18	21	33.9
Portland	Maximum	69	57	60	66	70	72	69	70	75	69	69	68	57	63	73	73	65	45	40	42	60	67	70	64	65	65	73	75	65	45	31	63.1
	Minimum	55	29	25	30	34	42	45	45	54	63	59	54	42	38	40	51	44	32	26	35	32	31	36	49	38	40	54	65	35	22	17	40.7
Prescott	Maximum	76	56	60	68	70	75	73	72	72	68	67	68	64	62	74	72	70	44	41	50	61	69	69	67	65	69	74	75	73	33	28	64.0
	Minimum	48	29	28	30	38	43	48	49	59	58	58	56	42	37	40	51	42	26	28	32	34	32	39	47	38	42	50	66	28	17	21	40.5
Rogers	Maximum	58	52	61	68	68	73	67	69	61	61	56	56	43	53	65	65	47	40	38	45	53	65	61	60	61	69	69	65	42	23	24	56.1
	Minimum	32	20	30	31	42	42	42	51	53	51	46	43	35	42	45	45	24	18	28	26	29	30	45	32	28	38	51	42	11	6	14	34.6
Russellville	Maximum	64	47	58	68	71	75	73	70	66	65	62	63	59	55	65	71	65	46	40	49	60	70	68	66	62	69	69	73	66	30	28	61.1
	Minimum	42	24	27	28	32	38	41	48	59	57	54	54	43	36	37	42	38	23	28	35	35	29	39	30	29	32	46	50	23	13	23	36.6
St. Charles......./	Maximum	55	45	58	56	68	72	70	72	72	68	68	69	52	62	69	70	50	44	42	42	60	67	69	68	62	64	70	74	39	28	33	59.3
	Minimum	48	29	30	32	41	45	48	49	51	56	57	55	41	42	44	54	....	....	....	....	....	....	....	50	46	49	48	60	36	18	23	^{g}43.8
Searcy	Maximum	64	50	58	67	70	73	71	72	68	60	65	64	60	57	68	69	62	45	39	49	60	68	68	64	62	63	70	75	60	27	28	60.5
	Minimum	43	27	25	28	32	35	45	43	54	57	56	55	40	33	35	44	35	24	26	34	34	28	40	41	31	35	44	59	25	15	23	37.0
Sheridan	Maximum	68	49	59	67	69	72	73	70	67	65	65	67	62	57	72	70	67	44	40	48	63	69	70	66	63	67	68	74	68	26	27	61.7
	Minimum	59	26	24	29	45	44	55	45	55	58	58	56	40	36	39	51	37	22	24	32	29	30	33	44	32	40	53	65	25	14	22	39.7
Siloam Springs	Maximum	58	56	61	68	68	72	67	69	66	59	58	59	47	56	68	65	54	41	38	47	64	65	62	59	61	66	70	68	42	22	24	57.2
	Minimum	32	23	30	30	44	47	53	59	57	54	47	46	37	44	40	47	26	19	29	28	30	35	46	30	29	42	55	41	11	8	15	36.6
Stuttgart	Maximum	64	46	58	65	69	73	70	72	70	66	66	69	63	55	70	70	64	43	42	45	60	67	70	65	64	66	69	74	70	30	28	61.4
	Minimum	38	29	27	31	36	43	46	47	55	60	58	55	42	35	39	50	38	26	29	35	34	31	43	47	36	34	50	62	30	19	24	39.6
Stuttgart Evap..../	Maximum	56	46	57	64	67	70	68	70	70	65	66	67	49	55	68	68	45	43	41	43	51	63	67	64	61	63	68	73	44	28	....	^{a}58.7
	Minimum	45	29	25	28	29	37	41	47	51	58	59	57	42	35	36	40	45	29	27	34	32	32	39	42	36	35	36	57	35	19	20	38.0
Subiaco	Maximum	60	45	53	63	65	71	71	66	65	63	60	60	55	53	63	67	62	43	36	45	54	67	65	63	59	65	70	69	61	25	26	57.7
	Minimum	40	25	27	29	35	40	44	54	61	54	54	54	40	39	38	42	34	22	28	32	34	30	50	39	33	34	50	50	18	11	20	37.5
Texarkana	Maximum	62	52	61	66	70	71	72	73	70	67	68	68	59	61	70	73	60	44	39	48	61	68	70	60	63	70	74	74	57	29	29	61.7
	Minimum	41	32	30	35	42	46	53	53	62	58	58	50	45	41	43	56	40	30	30	33	35	37	44	48	40	50	61	57	22	19	27	42.5
Turnpike	Maximum	51	43	55	63	62	71	65	61	58	58	57	59	49	47	64	62	57	36	32	43	54	59	61	58	56	63	60	64	60	22	19	53.8
	Minimum	32	20	28	43	45	51	48	50	53	52	51	42	32	37	41	48	26	20	25	28	31	40	44	45	36	44	50	55	13	4	14	37.0
Waldron	Maximum	61	51	61	69	71	74	72	71	68	66	63	62	58	62	72	70	62	44	40	50	61	68	68	64	63	72	71	72	70	28	27	61.6
	Minimum	40	23	26	25	31	37	47	58	61	55	54	52	43	36	36	40	38	19	26	34	32	25	50	33	28	31	51	44	17	11	19	36.2
Warren	Maximum	63	58	61	67	71	73	74	73	73	73	73	71	66	61	74	73	66	58	43	47	53	70	71	70	70	67	70	74	71	34	29	64.4
	Minimum	49	29	26	30	43	44	46	48	56	56	60	56	46	36	41	46	39	29	26	34	36	36	43	42	44	46	56	56	32	19	25	41.1
White Rock	Maximum	47	46	61	62	62	69	63	61	60	54	56	53	47	51	62	63	54	39	33	45	56	60	61	63	55	63	62	62	55	23	22	53.9
	Minimum	36	22	28	43	46	50	48	52	54	51	51	46	33	39	42	48	26	20	25	27	30	39	43	44	39	41	42	52	9	4	9	36.7
Wilson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne........../	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily River Stages for December, 1946

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.0	5.6	5.4	5.0	4.5	4.1	4.6	4.6	4.4	13.3	24.0	24.8	26.6	24.7	22.4	19.3	16.2	13.3	10.8	9.4	9.0	8.6	8.0	7.4	7.0	6.8	6.6	6.3	6.0	5.8	7.0
Van Buren	do	22	7.3	6.6	6.3	5.8	5.8	5.8	5.8	5.7	5.5	13.9	25.0	26.2	27.9	25.8	23.7	20.5	17.4	14.3	11.6	10.2	9.4	9.0	8.3	7.7	7.4	7.0	6.9	6.6	6.4	6.1	7.4
Danville	Petit Jean	20	14.4	12.4	10.5	9.0	7.5	6.2	5.6	5.0	4.8	6.4	20.5	22.7	25.0	24.2	23.8	23.5	23.1	22.6	22.0	21.4	20.6	19.6	17.5	14.6	10.7	9.2	7.2	6.3	5.9	6.1	5.9
Ozark	Arkansas	22	4.2	3.0	2.9	2.4	2.2	2.0	1.9	1.8	1.7	7.2	19.6	22.2	23.3	22.0	19.7	16.1	13.7	11.2	8.8	6.8	5.9	5.4	5.3	5.2	5.0	4.9	3.7	3.5	3.4	3.4	3.9
Dardanelle	do	22	7.4	6.2	5.2	4.8	4.4	4.1	3.8	3.8	3.7	5.0	20.6	25.3	26.7	26.4	24.4	21.9	18.7	15.5	12.6	10.3	8.6	7.9	7.5	6.9	6.4	6.0	5.6	5.5	5.2	5.3	5.6
Morrilton	do	20	3.0	1.9	0.8	0.1	-0.4	-0.8	-1.2	-1.3	-1.4	-1.4	11.5	18.3	20.8	21.1	21.0	18.0	16.2	13.4	10.1	8.2	6.2	5.0	4.5	3.8	3.2	2.4	1.8	1.3	1.0	0.9	0.8
Little Rock	do	23	6.3	5.7	4.8	4.0	3.5	3.2	2.9	2.6	2.4	2.4	3.8	15.9	19.4	20.5	20.1	18.8	17.1	15.1	13.0	11.1	9.5	8.4	7.8	7.4	6.9	6.5	6.1	5.8	5.6	5.5	5.4
Pine Bluff	do	25	9.2	8.6	7.6	6.5	5.6	5.1	4.7	4.2	3.9	3.7	3.7	14.2	19.7	21.4	21.7	21.0	19.7	18.3	16.6	15.0	13.5	12.1	11.3	10.4	9.9	9.1	8.6	8.1	7.8	7.5	7.5
Gilbert	Buffalo	30	5.1	5.0	4.8	4.7	4.6	4.5	4.4	4.4	4.3	14.9	12.2	21.3	11.6	8.2	7.2	6.7	6.1	5.7	5.4	5.1	5.0	4.9	4.8	4.6	4.5	4.5	4.4	4.3	5.8	6.1	5.3
Black Rock	Black	14	10.3	9.6	8.9	8.0	7.5	7.0	6.7	6.6	6.4	6.3	13.1	14.2	15.3	15.9	15.0	14.6	14.3	13.8	13.3	12.2	11.5	10.6	9.8	9.4	9.0	8.6	8.3	7.9	8.6	8.6	8.1
Forsyth, Mo.	White	30	7.6	6.9	6.5	6.3	6.2	6.2	4.3	2.4	1.5	7.2	12.3	18.8	19.8	17.9	14.4	10.6	9.3	8.3	7.7	7.2	6.8	6.5	6.3	6.2	4.0	4.4	5.2	5.1	5.6	5.1	5.5
Cotter	do	21	8.1	7.0	6.3	5.8	5.2	5.3	5.2	4.3	4.0	5.3	8.7	16.5	20.4	20.0	17.7	15.0	10.5	8.9	7.9	7.1	6.8	6.1	5.7	5.6	5.3	5.0	4.0	3.8	4.7	6.0	5.1
Calico Rock	do	18	8.6	7.6	6.8	6.2	5.8	5.6	5.5	5.8	4.7	6.1	16.0	16.3	24.9	21.6	18.6	15.7	11.7	9.2	8.5	7.7	7.[illegible]	6.6	6.3	6.0	5.7	5.5	4.6	5.0	5.2	6.4	6.0
Batesville	do	23	15.9	14.9	13.1	12.3	11.7	11.2	11.2	11.0	10.5	11.2	19.4	23.4	27.5	29.4	27.2	24.6	21.1	17.6	15.9	14.7	13.8	13.0	12.6	12.1	11.8	11.4	11.1	10.0	12.0	11.3	12.5
Newport	do	26	18.9	18.0	16.6	15.0	13.6	12.4	11.6	11.2	10.0	9.5	14.2	20.5	23.8	26.4	27.8	28.2	27.8	26.5	24.9	23.2	21.7	19.6	18.5	17.0	16.1	14.2	13.2	12.5	11.8	13.2	13.2
Augusta	do	32	30.0	30.1	30.0	29.5	28.7	27.7	26.6	25.6	24.7	23.2	24.4	28.6	30.1	31.3	32.4	33.0	33.3	33.3	33.1	32.7	32.4	32.0	31.6	31.1	30.5	29.8	29.0	28.1	27.8	27.5	27.4
Sugar Loaf Mt.	Little Red	..	6.3	6.0	5.6	5.3	5.1	5.0	4.8	4.8	4.6	4.7	22.0	18.9	26.6	14.0	9.6	8.4	7.6	6.9	6.4	6.1	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.7	6.5	6.1	5.6
Georgetown	White	21	19.2	19.3	19.3	19.3	19.2	18.7	18.0	17.2	16.3	15.4	14.7	18.2	19.9	20.8	22.0	22.9	23.5	24.1	24.5	24.5	24.3	23.8	23.4	22.8	22.2	21.6	21.0	20.3	19.8	19.5	19.0
Des Arc	do	24	20.5	20.6	20.6	20.6	20.6	20.1	20.2	20.0	19.1	18.5	17.7	18.2	19.8	20.5	21.3	22.2	23.2	24.5	25.5	26.3	26.7	26.7	26.3	25.9	25.5	24.6	23.9	23.3	22.7	22.2	21.5
Clarendon	do	26	25.5	25.4	25.3	25.2	25.2	25.2	25.1	25.0	24.9	24.7	24.6	24.4	24.2	24.3	24.5	24.8	25.6	25.6	26.1	26.9	27.5	28.1	28.4	28.6	28.6	28.5	28.3	28.0	27.8	27.5	27.1
St. Charles	do	25	24.5	24.5	24.5	24.5	24.3	24.3	24.5	24.3	24.2	24.2	24.2	24.1	24.0	24.0	23.8	23.8	23.8	23.8	24.0	24.1	24.4	24.7	25.0	25.6	26.0	26.3	26.4	26.5	26.5	26.4	26.0
Glenwood	Caddo	..	5.2	5.0	5.0	4.9	4.9	4.9	4.9	5.0	5.2	9.0	8.2	10.8	7.6	6.6	6.0	5.9	5.6	5.5	5.4	5.2	5.2	5.1	5.0	5.0	5.0	5.0	5.0	5.0	6.8	6.5	5.8
Arkadelphia	Ouachita	17	7.3	5.1	7.0	6.7	6.8	6.7	6.6	5.2	4.3	6.4	13.0	15.5	22.0	20.7	18.0	10.7	11.6	8.2	8.0	7.8	7.7	6.5	5.2	4.8	4.6	4.4	6.8	7.1	7.4	7.9	7.8
Boughton	Little Mo.	20	8.5	6.8	6.5	6.2	6.2	6.1	6.1	6.0	6.0	6.0	6.5	9.6	17.2	18.0	17.4	15.5	9.7	9.5	9.0	8.4	8.2	7.5	7.1	6.8	6.4	6.2	6.1	6.0	6.1	6.2	6.6
Camden	Ouachita	26	14.9	14.7	13.5	11.3	10.5	10.1	9.6	9.2	8.6	7.9	7.7	11.8	17.3	21.5	25.1	27.2	28.7	28.6	27.6	25.3	22.0	18.8	16.2	13.7	11.3	9.6	8.6	8.4	8.5	10.1	11.1
Benton	Saline	20	6.5	6.2	6.0	5.8	5.7	5.5	5.4	5.4	5.3	5.4	9.1	11.2	15.2	9.8	8.9	8.2	7.7	7.3	6.9	6.6	6.4	6.2	6.1	5.9	5.8	5.6	5.6	5.5	5.5	5.3	8.2
Index	Red	25	11.2	10.8	10.6	10.5	9.9	9.8	9.6	9.4	9.2	9.1	9.0	16.7	18.2	23.2	23.6	23.1	23.1	21.6	19.1	18.0	18.8	19.2	18.4	17.9	17.5	16.8	14.7	13.8	13.2	13.0	12.8
Fulton	do	25	15.0	14.0	12.9	11.8	11.2	10.7	10.5	10.3	10.2	10.3	10.7	15.8	22.3	24.9	26.4	26.8	27.3	27.2	26.3	25.2	24.7	24.4	23.5	22.4	21.5	20.0	18.1	16.3	15.3	14.2	13.4
St. Francis	do	18	13.7	14.3	14.5	14.5	14.2	13.1	11.4	9.7	8.5	8.0	8.8	12.2	14.7	15.4	15.8	16.1	16.3	16.4	16.4	16.5	16.4	16.3	16.0	15.5	14.8	13.9	13.0	12.0	14.6	14.6	13.8
St. Francis L.L.	do	..	21.2	21.1	21.1	21.1	20.0	21.1	21.0	20.9	20.8	20.8	20.8	21.0	21.1	21.2	21.2	21.4	21.6	21.6	21.7	22.0	21.8	21.7	21.6	21.6	21.6	21.6	21.5	21.5	21.5	21.5	21.5
Marked Tree	do	17	2.0	4.5	4.7	4.7	4.7	3.8	4.1	4.6	4.7	4.7	4.7	5.0	5.2	5.3	5.5	5.5	5.5	5.3	5.3	4.3	5.5	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.4
Parkin	do	28	5.3	4.9	4.0	5.5	5.7	5.8	5.4	5.0	5.5	5.7	6.2	7.4	8.7	9.0	8.8	8.6	8.0	7.6	7.4	7.3	6.9	7.6	8.1	8.5	8.5	8.4	8.4	8.4	8.9	9.2	9.5
Madison	do	32	5.0	5.2	5.4	5.4	5.7	5.7	5.5	5.4	5.3	5.5	5.9	6.7	7.8	8.5	8.7	8.6	8.1	7.6	7.5	7.5	7.5	7.6	8.1	8.4	8.5	8.4	8.3	8.3	8.7	9.0	9.0
Helena	Mississippi	44	15.6	16.1	16.4	15.7	14.5	13.8	13.0	12.0	10.9	9.9	9.0	8.7	8.5	8.5	8.9	10.7	12.9	14.7	16.2	17.4	18.1	18.2	17.9	17.2	15.9	14.3	12.7	11.9	11.8	12.0	12.1
Arkansas City	do	42	14.7	15.3	15.9	15.9	15.4	14.6	13.8	13.1	12.4	11.6	10.6	9.8	12.1	15.8	17.4	18.1	18.7	19.0	19.0	19.0	18.9	18.7	18.4	17.9	17.2	16.4	15.4	14.4	13.8	13.6	13.5

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2] Measured in the morning for the preceding 24 hours. [3] Data for 24 hours ending at 12:30 a. m. of the following day. [4] Best available used for stations not equipped with recorders. [5] Recording gage. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manilia: Boughton, Route 4, Prescott: Cold Springs, Olio: Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg: Green Mountain, Calico Rock: Index, Route 5, Texarkana: Lutherville, Route 1, Lamar: Moro Bay Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill; Rosebud, Route 2, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner: Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

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WALTER C. HICKMON

VOL. LI LITTLE ROCK, ARK., YEAR, 1946 No. 13

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GENERAL SUMMARY

The year 1946 was reaching for new records in weather. Several individual stations made records for greatest amounts of precipitation ever recorded in May, and again in November. A new November record for the entire State was also set. New individual station records for temperature were set; this was particularly true on December 28.

The 1946 average precipitation of 58.42 inches was the fifth highest in 56 years record, but still small compared with the 1945 record of 65.56 inches. January, May, and November contributed almost half of the 1946 fall.

There were nine stations in the State reporting more than 70.00 inches of precipitation for the year. This figure is more than 20.00 inches above the State's 56 year average. Mount Ida reported the greatest with 83.28 inches, an excess of 32.10 inches. This is not the record for Mount Ida, however, as their 1945 total and record high was 83.73 inches.

The year as a whole, as far as temperatures were concerned, was comparatively mild. No record extremes were recorded. The lowest temperature reported was 4° at Turnpike and White Rock on December 30; the highest was 109° at Booneville on August 17. Compare this with the record extremes of 29° below zero and 120°.

The year 1946 was a good agricultural year in spite of the occasional weather handicaps. Yields of all crops were good to excellent, and winter grains and pastures were in good condition at the close of the year.

RIVERS IN 1946

Floods on the major streams of the State were in progress during all months of the year, except July through October, inclusive. The floods on the Arkansas, Ouachita, and White Rivers in January, and November-December were the most destructive and accounted for most of the three-quarters of a million loss during the year. The floods during the other months of the year were more of the nuisance type, causing delayed planting, or replanting of flooded areas. No record high stages occurred during the year; a record low stage on the Arkansas was 4.6 feet below zero at Morrilton on October 13.

TORNADOS IN 1946

Three tornados occurred during the year, killing four people and injuring seventy-four. Total damages amount to $401,993.00. More than $300,000.00 of this occurred when a tornado struck the western part of Pike County, then followed a path northeastward for 155 miles, through the Ouachita National Forest to Jackson County.

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip.01 or more	Clear	Partly cloudy	Cloudy
1891	60.5	108	6	44.49	....	94	180	94	91
1892	60.0	106	-14	57.75	8.7	98	159	98	109
1893	60.7	103	-13	47.91	6.4	75	185	95	85
1894	61.3	108	-22	49.06	5.9	75	176	97	92
1895	59.8	105	-17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	-2	46.13	3.9	76	178	96	91
1898	61.4	108	-4	56.82	3.0	89	158	106	101
1899	60.6	112	-25	41.49	6.6	76	170	106	90
1900	62.0	108	-5	49.03	2.2	92	150	120	95
1901	61.1	116	-6	35.27	2.9	65	175	111	79
1902	60.6	108	-2	51.70	8.3	81	150	121	94
1903	59.3	105	-12	44.62	4.3	84	162	107	96
1904	60.5	106	-5	43.45	2.9	78	169	112	85
1905	59.6	106	-29	62.17	12.1	103	146	107	112
1906	60.3	101	-7	55.90	4.3	95	156	96	113
1907	61.9	113	-8	49.78	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	168	100	108
1909	62.1	111	-19	44.06	6.5	83	176	93	96
1910	61.0	105	-13	45.21	11.0	84	172	109	84
1911	62.8	107	-9	49.54	1.7	95	152	117	96
1912	59.8	106	-16	45.83	7.8	81	171	110	85
1913	61.6	108	-1	54.01	5.6	89	158	107	100
1914	61.4	110	-11	42.85	8.6	82	149	109	107
1915	60.6	107	-3	53.08	4.7	82	163	81	121
1916	61.9	107	-16	42.18	6.8	75	191	76	99
1917	59.2	106	-21	40.72	12.1	75	187	74	104
1918	61.4	115	-23	44.64	18.3	75	174	76	115
1919	61.6	113	-10	54.52	3.4	91	166	75	124
1920	60.7	105	-2	54.28	2.5	90	174	74	118
1921	64.2	107	-3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	-8	37.03	7.9	74	193	68	105
1925	63.0	113	-6	42.19	2.2	74	184	81	100
1926	61.3	110	-17	49.24	6.0	88	175	79	111
1927	63.1	105	-2	65.85	2.4	99	161	85	119
1928	61.1	105	-10	50.50	0.9	86	183	76	107
1929	60.5	110	-20	46.10	13.9	98	162	83	120
1930	61.7	115	-28	46.62	6.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	-5	51.11	4.4	95	175	85	106
1933	63.2	109	-13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	-11	57.01	3.7	93	154	90	121
1936	62.0	120	-15	34.75	6.1	71	188	85	93
1937	61.1	111	0	56.20	1.9	102	154	90	121
1938	63.6	109	4	48.25	0.3	81	176	95	94
1939	62.7	112	4	50.16	5.1	89	179	89	97
1940	59.3	104	-14	44.85	9.8	97	165	85	116
1941	61.9	107	5	46.28	4.2	96	146	109	110
1942	61.0	106	-21	49.71	8.3	94	153	101	111
1943	61.6	113	-9	35.01	2.5	70	171	100	94
1944	61.7	108	-15	55.12	9.6	95	157	97	112
1945	60.8	106	-12	67.56	4.9	107	142	96	127
1946	62.6	109	4	58.42	4.9	95	153	98	114
1947									
Period	61.4	120	-29	48.59	5.6	86	168	93	104

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1946

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	41.1	-0.1	78	5	7.50	+3.20	12.91	1.7	12	9	6	16	n.
February	47.6	+3.9	78	11	5.05	+1.51	8.70	2.6	9	14	4	10	s.
March	58.2	+5.5	94	19	5.47	+0.69	11.28	T.	8	11	8	12	sw.
April	65.0	+3.4	94	30	5.46	+0.44	12.14	0	8	14	7	9	s.
May	66.4	-2.7	93	33	9.47	+4.42	18.61	0	14	10	9	12	s.
June	75.6	-1.5	99	41	2.12	-1.97	8.63	0	6	14	11	5	s.
July	80.8	+0.3	106	51	3.94	+0.23	9.92	0	7	14	12	5	s.
August	79.0	-1.1	109	43	1.87	-1.68	6.48	0	4	15	10	6	s.
September	72.4	-1.9	100	33	1.48	-1.86	4.55	0	6	11	11	8	ne.
October	63.7	+0.9	94	25	2.79	-0.37	7.18	0	6	17	7	7	s.
November	53.6	+2.2	85	17	9.09	+5.26	17.14	0	10	11	6	13	ne.
December	48.3	+5.5	81	4	4.18	-0.05	8.76	0.6	6	13	7	11	s.
Annual	62.6	+1.2	109	4	68.42	+9.83	18.61	4.9	95	153	98	114	s.

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Climatological Data for Year, 1946

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Alum Fork†	Saline	755	10	62.3	99	July 24†	12	Jan. 27†	10	59.00	11.28	Mar	1.57	Sept.	3.0	97	114	148	103	w.
Arkadelphia	Clark	200	9	63.6	102	Aug. 17†	16	Dec. 30	51	59.95	10.06	Nov.	1.04	June	5.8	101	141	82	142	s.
Arkansas City	Desha	145	.....	.....	.....	.....	.....	.....	62	63.00	12.91	Jan.	1.06	Aug.	1.5	110	.....	.....	.....	.....
Ashdown	Little River	329	2	63.5	100	Aug. 18	15	Jan. 27	2	64.42	13.61	Nov.	0.59	Sept.	4.0	112	116	140	109	s.
Batesville Airway	Independence	363	10	61.4	103	July 18	12	Jan. 27	10	61.36	11.02	May	0.70	Aug.†	8.0	111	128	126	111	s.
Batesville Livestock	Independence	571	6	60.5	103	July 18†	7	Jan. 27	6	59.04	13.90	May	0.62	Aug.	5.0	74	155	100	110	sw.
Batesville River	Independence	277	.....	.....	.....	.....	.....	.....	47	58.46	12.07	May	0.34	Aug.	6.0	98	.....	.....	.....	.....
Bee Branch	Van Buren	650	53	60.8	99	Aug. 17	11	Jan. 27†	54	67.37	11.46	May	0.25	Sept.	7.5	77	146	124	95	n.
Benton	Saline	285	10	59.9	97	July 18†	11	Dec. 30	11	62.61	9.95	May	0.72	Sept.	6.5	93	230	51	84	sw.
Bentonville	Benton	1295	41	59.5	103	Aug. 9	5	Dec. 30	41	52.49	10.66	Nov.	0.70	Aug.	0.8	87	143	139	83	s.
Bethesda†	Independence	483	7	60.2	102	July 18†	8	Jan. 27	7	59.95	14.79	May	0.52	Aug.	5.0	72	146	101	118	sw
Big Lake Outlet†	Mississippi	239	.....	.....	.....	.....	.....	.....	16	45.59	7.61	Jan.	0.68	June	2.4	114	121	150	94	s.
Black Rock	Lawrence	259	.....	.....	.....	.....	.....	.....	45	48.85	8.86	May	1.24	Sept.	0.2	83	.....	.....	.....	.....
Blytheville	Mississippi	252	21	.....	98	Aug. 9	12	Jan. 27	21	48.47	7.72	Jan.	1.83	Sept.	7.5	87	204	77	84	s.
Booneville	Logan	465	31	64.2	109	Aug. 17	12	Jan. 27†	32	52.89	10.40	Nov.	1.11	Oct.	4.2	103	139	129	97	e.
Boughton†	Nevada	235	.....	.....	.....	.....	.....	.....	11	59.36	9.55	Nov.	0.00	June	5.3	80	.....	.....	.....	.....
Brinkley	Monroe	198	59	62.3	102	July 11	15	Jan. 27	59	57.57	9.26	Jan.	1.52	June	6.5	105	.....	.....	.....	s.
Calico Rock	Izard	361	.....	.....	.....	.....	.....	.....	42	51.38	10.60	May	0.59	Aug.	2.5	98	.....	.....	.....	.....
Camden	Ouachita	116	55	64.6	102	Aug. 19	17	Dec. 30†	61	55.06	8.78	Nov.	0.27	Sept.	4.5	111	132	150	83	se.
Camp Chaffee	Sebastian	419	2	63.6	105	Aug. 9†	14	Jan. 27†	2	60.72	13.61	Nov.	0.63	July	6.9	101	138	92	135	sw.
Clarendon	Monroe	172	.....	.....	.....	.....	.....	.....	42	54.71	9.27	May	0.75	Aug.	6.9	98	.....	.....	.....	.....
Conway	Faulkner	309	50	63.4	102	July 18†	13	Jan. 27†	63	60.83	11.26	Apr.	0.33	Sept.	5.7	108	138	149	78	sw.
Corning	Clay	293	46	62.1	103	July 18	10	Jan. 27	53	52.51	14.39	May	0.74	June	.....	93	.....	.....	.....	w.
Cotter	Baxter	440	.....	.....	.....	.....	.....	.....	19	59.52	11.45	May	0.42	Aug.	5.0	78	.....	.....	.....	.....
Crossett	Ashley	175	23	64.5	98	Aug. 7†	19	Jan. 23†	34	70.06	12.82	Jan.	0.66	Aug.	2.8	96	143	96	126	s.
Cummins Farm	Lincoln	176	2	.....	97	Aug. 17	19	Jan. 17	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danville	Yell	327	.....	.....	.....	.....	.....	.....	30	63.40	11.08	May	0.81	Sept.	2.0	100	.....	.....	.....	.....
Dardanelle	Yell	330	37	64.7	104	Aug. 10	14	Dec. 30	60	58.67	8.17	May	1.05	Sept.	1.9	92	80	158	127	s.
DeQueen	Sevier	426	11	63.6	101	Aug. 18	15	Dec. 30	11	50.26	7.93	Nov.	0.76	July	3.5	88	142	138	85	.....
Des Arc	Prairie	204	6	63.5	99	Aug. 9	15	Dec. 30	9	60.78	9.87	May	0.39	Aug.	11.0	83	102	23	240	s.
Devils Knob†	Johnson	2350	10	.....	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dumas	Desha	162	32	64.9	98	June 14†	20	Jan. 17†	41	59.90	11.52	Jan.	0.93	Sept.	9.0	106	106	131	128	s.
El Dorado	Union	270	42	64.1	100	Aug. 9†	19	Dec. 30	46	58.36	10.70	May	0.36	Sept.	5.5	74	167	102	96	s.
Eureka Springs	Carroll	1465	45	61.2	105	Aug. 9	6	Dec. 30	46	51.29	14.55	Nov.	0.15	July	5.8	90	228	71	66	sw.
Fayetteville	Washington	1425	9	61.1	101	Aug. 9†	8	Dec. 30	9	54.39	14.05	Nov.	0.53	Aug.	3.1	106	101	127	137	s.
Fayetteville Exp	Washington	1451	55	59.8	102	Aug. 9	6	Dec. 30	59	52.62	12.19	Nov.	0.70	Aug.	1.8	102	128	164	73	s.
Fordyce	Dallas	280	5	.....	101	Aug. 17	16	Dec. 30†	5	63.52	10.58	May	0.20	Sept.	7.0	103	.....	.....	.....	sw.
Fort Smith	Sebastian	448	65	63.0	104	Aug. 9	14	Dec. 30	65	57.88	14.01	Nov.	0.53	July	4.1	101	111	106	148	ne.
Ft. Smith Water Plant†	Crawford	793	.....	.....	.....	.....	.....	.....	8	65.74	13.94	Nov.	1.58	Sept.	8.0	82	226	54	85	.....
Fulton	Hempstead	260	.....	.....	.....	.....	.....	.....	61	61.25	10.45	May	1.37	June	T.	98	.....	.....	.....	.....
Garland	Miller	235	.....	.....	.....	.....	.....	.....	3	67.79	12.04	May	0.86	Sept.	0	90	.....	.....	.....	.....
Georgetown	White	200	.....	.....	.....	.....	.....	.....	34	55.10	8.53	May	0.55	Aug.	8.0	91	.....	.....	.....	.....
Gilbert	Searcy	600	11	59.1	105	July 18	5	Jan. 27	21	46.11	8.70	May	0.74	Aug.	3.0	79	139	109	117	s.
Glenwood	Pike	547	.....	.....	.....	.....	.....	.....	11	74.29	11.56	May	0.32	June	5.5	111	.....	.....	.....	.....
Grannis	Polk	950	26	62.3	103	Aug. 18	12	Dec. 29	27	68.59	14.31	May	0.27	June	1.5	115	135	106	124	s.
Gravette	Benton	1250	48	60.4	106	Aug. 9	5	Dec. 30	49	44.88	8.51	Nov.	0.14	July	2.0	77	173	94	98	sw.
Green Mountain†	Stone	1100	7	.....	100	July 15†	7	Jan. 27	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Harrison	Boone	1052	45	60.0	100	Aug. 9	8	Jan. 27†	46	56.10	9.87	Nov.	0.12	Sept.	1.1	87	.....	.....	.....	.....
Helena	Phillips	300	48	63.3	95	July 17†	17	Jan. 17†	74	56.59	10.09	May	0.90	Aug.	8.4	107	129	53	183	ne.
Hope	Hempstead	375	40	63.9	104	Aug. 18	16	Dec. 30	76	66.56	10.15	Nov.	0.75	Sept.	6.0	109	113	124	128	ne.
Hot Springs	Garland	760	49	64.9	102	July 18	12	Dec. 30	55	77.17	13.91	May	1.09	June	5.5	105	185	89	91	s.
Index†	Little River	275	.....	.....	.....	.....	.....	.....	29	56.97	11.56	Nov.	1.10	Sept.†	5.0	89	.....	.....	.....	.....
Jonesboro	Craighead	345	50	61.9	99	July 18†	13	Jan. 27	51	55.59	10.62	May	2.20	Aug.	4.0	121	142	82	141	sw.
Lead Hill	Boone	650	29	59.9	106	July 19	6	Jan. 27	40	54.14	10.88	Nov.	0.72	Aug.	6.9	82	216	58	91	s.
Little Rock	Pulaski	265	67	63.4	99	Aug. 8	16	Dec. 30	67	55.15	9.67	May	0.69	Aug.	8.8	94	100	105	160	sw.
Lutherville†	Johnson	775	48	62.1	100	July 18	8	Dec. 30	47	61.64	10.32	Nov.	1.26	Sept.	4.0	94	206	71	88	e.
Madison	St. Francis	209	.....	.....	.....	.....	.....	.....	16	54.42	9.00	May	0.78	June	8.0	87	.....	.....	.....	.....
Magnolia	Columbia	315	27	66.1	101	Aug 18	19	Dec. 30	30	60.43	11.64	May	1.70	Sept.	9.0	85	133	116	116	se.
Mammoth Spring	Fulton	600	41	59.8	103	July 18	6	Jan. 27	42	50.58	10.09	May	1.28	Oct.	2.5	83	174	121	76	w.
Marianna	Lee	234	34	.....	97	July 17†	14	Jan. 17†	35	54.93	13.17	May	0.80	June	11.0	.....	.....	.....	.....	.....
Marked Tree	Poinsett	229	30	61.4	100	July 18	14	Jan. 28	42	51.89	9.61	Jan.	0.66	June	5.1	100	186	102	77	n.
Marshall	Searcy	1050	26	.....	.....	.....	.....	.....	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mena	Polk	1207	54	62.7	104	Aug. 18	10	Dec. 30	58	71.25	16.19	May	1.19	Oct.	0.9	108	149	105	111	sw.
Monticello	Drew	273	10	64.8	97	Aug. 18	19	Jan. 27	10	60.65	9.81	Jan.	0.41	June	4.0	112	118	129	118	s.
Morrilton†	Conway	315	24	62.3	103	Aug. 15†	13	Dec. 30	27	59.52	10.15	Apr.	0.16	Sept.	4.9	70	178	59	128	se.
Mountainburg	Crawford	712	.....	.....	.....	.....	.....	.....	9	67.26	15.39	Nov.	1.44	Sept.	10.0	88	204	65	96	s.
Mountain Home	Baxter	800	29	60.6	101	July 19	8	Jan. 27	34	55.38	11.87	May	0.65	Aug.	2.0	82	189	52	124	w.
Mount Ida	Montgomery	702	31	61.8	102	Aug. 17	8	Jan. 27	47	83.28	14.12	May	0.97	June	2.0	103	162	99	104	w.
Mulberry†	Franklin	433	.....	.....	.....	.....	.....	.....	8	64.35	16.03	Nov.	0.93	Aug.	7.0	89	.....	.....	.....	.....
Nashville	Howard	350	8	64.2	101	Aug. 18	17	Dec. 30	8	55.22	10.59	Nov.	0.44	June	T.	102	176	85	104	sw.
Newport	Jackson	231	58	63.9	102	July 18	15	Jan. 27	63	55.91	11.22	May	0.68	Aug.	3.0	106	130	51	184	sw.
Nimrod Dam†	Perry	475	4	62.2	106	July 23	11	Dec. 30	4	62.08	9.19	May	0.96	Sept.	.....	95	157	96	112	s.
Oden	Montgomery	8[illegible]0	10	.....	104	July 24	14	Dec. 30	19	66.43	13.23	May	0.69	June	2.5	100	134	101	130	sw.
Okay	Howard	288	18	65.1	102	Aug. 18	18	Dec. 30	18	59.40	13.09	Nov.	0.98	June	6.7	106	161	113	91	sw.
Osceola	Mississippi	250	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ozark	Franklin	396	49	63.1	103	Aug. 17	12	Dec. 30	51	59.49	12.33	Nov.	0.35	Sept.	0.2	91	130	98	137	se.
Paragould	Greene	275	8	.....	100	July 18†	.....	.....	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parkin	Cross	222	.....	.....	.....	.....	.....	.....	16	57.41	8.94	Jan.	0.99	June	5.0	77	.....	.....	.....	.....
Perryville	Perry	325	6	62.3	103	Aug. 17	11	Jan. 27	6	60.02	10.35	Apr.	0.42	Sept.	.....	107	139	140	86	w.
Pine Bluff	Jefferson	215	58	65.7	102	July 25	19	Jan. 27	59	54.50	10.15	Jan.	0.57	June	8.0	94	150	124	91	sw.
Pine Ridge	Montgomery	810	.....	.....	.....	.....	.....	.....	22	68.71	15.24	May	0.57	June	1.1	107	139	94	132	sw.
Pocahontas	Randolph	300	52	61.5	102	July 18	8	Jan. 27	53	55.20	10.61	Nov.	0.99	Sept.	2.5	113	156	85	124	s.
Portland	Ashley	122	40	65.5	97	Aug. 9†	17	Dec. 31	40	59.23	12.23	Jan.	1.10	Aug.	3.0	81	155	93	117	s.
Prescott	Nevada	318	57	65.5	102	Aug. 18	17	Dec. 30	58	61.73	10.47	Nov.	0.69	June	6.0	106	179	70	116	s.
Rogers	Benton	1360	51	60.2	101	July 24†	6	Dec. 30	56	59.03	12.84	Nov.	0.89	Aug.	8.1	92	155	110	100	sw.
Russellville	Pope	526	36	.....	101	Aug. 17	13	Dec. 30	34	61.07	8.82	Nov.	0.64	Sept.	5.0	96	.....	.....	.....	e.
St. Charles	Arkansas	175	10	64.1	100	July 23	12	Jan. 17	13	52.08	11.22	Jan.	0.00	Aug.	13.0	85	67	195	103	s.
St. Francis	Clay	290	.....	.....	.....	.....	.....	.....	19	48.35	8.51	May	1.09	June	.....	86	.....	.....	.....	.....
Searcy	White	215	33	63.6	105	July 18†	14	Jan. 27	36	55.43	9.00	Jan.	0.86	Aug.	3.9	106	185	47	133	se.
Sheridan	Grant	237	5	62.6	99	Aug. 16†	13	Jan. 27	5	60.44	11.57	Nov.	0.78	Aug.	7.5	122	91	173	101	sw.
Siloam Springs	Benton	1150	5	60.5	104	Aug. 9	8	Jan. 27†	5	52.53	10.07	Mar.	0.06	July	3.1	95	157	130	78	s.
Story	Montgomery	650	.....	.....	.....	.....	.....	.....	22	63.99	10.56	May	0.87	June	.....	74	194	78	93	s.

Climatological Data for Year, 1946

Stations	Counties	Elevation, feet	Temperatures, degrees Fahrenheit: Lehgth of record years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Stuttgart	Arkansas	214	56	64.3	97	Aug. 8†	19	Jan. 27†	59	51.19	10.45	Jan.	0.25	Aug.	4.0	92	216	71	78	s.
Stuttgart Evap	Arkansas	198	10	63.0	99	Aug. 17	19	Dec. 30	11	51.67	10.31	Jan.	0.42	Aug.	7.0	104	194	102	69	......
Subiaco	Logan	750	49	62.5	103	Aug. 15†	11	Dec. 30	49	61.14	10.51	Nov.	0.96	Aug.	2.5	86	146	106	113	s.
Texarkana	Miller	268	60	65.1	100	Aug. 7	19	Dec. 30	61	61.00	12.05	May	0.89	Sept.	6.1	115	97	103	165	s.
Turnpike †.	Pope	2240	10	59.1	95	July 24†	4	Dec. 30	22	64.68	12.17	Nov.	1.56	Sept.	4.9	112	151	111	103	se.
Waldron	Scott	675	8	62.8	104	Aug. 17	11	Jan. 27†	27	55.76	11.18	Nov.	1.08	Aug.	2.0	78	140	132	93	se.
Warren	Bradley	206	50	65.6	98	July 17†	19	Dec. 30	52	57.86	11.10	Jan.	0.52	Sept.	4.5	108	166	109	90	sw.
Whitecliffs	Little River	290	..	......	......	......	......	......	39	......	......	......	......	......	......	......	......	......	......	......
White Rock †.	Franklin	2285	10	59.1	98	July 25	4	Dec. 30	10	69.18	17.14	Nov.	0.84	Aug.	9.0	98	203	71	91	se.
Wilson	Mississippi	237	21	......	99	Aug. 9	......	......	21	......	......	......	......	......	......	......	......	......	......	......
Wynne	Cross	167	38	......	......	......	......	......	38	......	......	......	......	......	......	......	......	......	......	......

Monthly and Annual Precipitation for the Year 1946, with Departure from the Normal

Stations	Jannary		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Abbott	4.71	......	3.55	......	3.05	......	12.14	......	7.04	......	1.30	......	1.42	......	1.38	......	1.46	......	1.21	......	11.04	......	5.30	......	53.60	......
Alum Fork Reser.	7.61	......	5.34	......	11.28	......	7.21	......	10.41	......	1.89	......	2.20	......	4.09	......	1.57	......	2.26	......	8.06	......	3.57	......	65.49	......
Aplin	7.29	......	4.60	......	7.81	......	8.25	......	9.40	......	3.06	......	6.90	......	1.49	......	0.99	......	1.86	......	7.90	......	5.05	......	64.60	......
Arkadelphia	9.57	+4.94	4.81	+0.99	6.49	+1.61	6.98	+1.75	8.53	+3.33	1.04	−3.45	4.38	+0.67	1.47	−2.18	1.88	−0.89	2.34	−0.75	10.06	+6.21	2.40	−2.64	59.95	+ 9.59
Arkansas City	12.91	+8.08	7.51	+3.11	4.71	−0.88	2.93	−1.88	5.16	+0.64	5.49	+1.79	9.92	+6.31	1.06	−2.46	1.64	−1.17	4.35	+1.88	4.81	+0.81	2.48	−2.80	63.00	+13.43
Ashdown	8.15	......	6.44	......	4.29	......	5.23	......	11.64	......	1.87	......	3.60	......	4.30	......	0.59	......	2.84	......	13.61	......	1.86	......	64.42	......
Augusta	8.16	......	3.17	......	6.59	......	5.51	......	4.55	......	1.13	......	3.93	......	0.50	......	4.31	......	4.44	......	4.44	......	2.87	......	49.60	......
Batesville Airway	6.68	......	5.12	......	4.12	......	8.35	......	11.02	......	1.72	......	4.88	......	0.70	......	0.70	......	4.71	......	8.84	......	4.52	......	61.36	......
Batesville, Livestk	6.26	......	4.23	......	4.76	......	5.80	......	13.90	......	1.47	......	3.88	......	0.62	......	0.80	......	6.14	......	6.97	......	4.21	......	59.04	......
Batesville, River	6.83	+2.47	4.98	+1.52	3.81	−0.15	6.74	+1.86	12.07	+7.14	1.09	−2.89	4.41	+0.93	0.34	−3.77	0.52	−3.02	4.50	+1.28	9.13	+5.68	4.04	+0.08	58.46	+11.13
Beaty Lake	9.28	......	4.89	......	8.17	......	3.98	......	8.47	......	1.79	......	4.10	......	1.87	......	2.90	......	3.57	......	6.98	......	3.44	......	59.44	......
Beaver	3.82	......	4.10	......	1.64	......	3.54	......	9.17	......	4.10	......	0.93	......	1.86	......	1.51	......	2.79	......	14.57	......	3.67	......	51.70	......
Bee Branch	6.60	+2.32	6.35	+3.19	6.85	+2.21	6.97	+2.00	11.46	+6.26	3.49	−0.58	5.95	+2.68	2.03	−1.64	0.25	−2.94	2.05	−1.32	9.19	+5.66	6.18	+2.05	67.37	+19.89
Beech Grove	5.29	......	7.39	......	3.29	......	2.73	......	10.14	......	2.36	......	2.70	......	3.93	......	0.64	......	3.07	......	6.59	......	3.31	......	51.44	......
Beedeville	7.33	......	4.36	......	5.25	......	5.64	......	11.03	......	1.56	......	....	......	0.00	......	3.04	......	2.35	......	....	......	....	......	......	......
Benton	9.15	......	4.95	......	7.44	......	5.42	......	9.95	......	1.26	......	8.91	......	1.28	......	0.72	......	2.22	......	8.66	......	2.65	......	62.61	......
Bentonville	3.42	+0.75	4.29	+2.02	2.38	−1.05	4.59	−0.15	9.88	+4.79	5.04	−0.16	2.34	−0.95	0.70	−3.34	2.96	−1.26	1.37	−2.62	10.66	+7.38	4.86	+2.40	52.49	+ 7.81
Bethesda	6.24	......	3.80	......	4.89	......	6.02	......	14.79	......	1.26	......	3.86	......	0.52	......	0.66	......	6.52	......	7.50	......	3.89	......	59.95	......
Big Flat	5.52	......	4.01	......	3.08	......	5.37	......	4.19	......	....	......	....	......	1.97	......	1.11	......	2.86	......	7.35	......	4.71	......	......	......
Big Lake Outlet	7.61	+2.54	5.62	+2.97	4.69	+0.47	2.68	−1.14	5.81	+2.46	0.68	−2.00	2.18	−0.99	3.84	+1.23	1.32	−1.72	3.99	+1.42	4.37	+1.12	2.80	−1.90	45.59	+ 4.46
Black Rock	4.74	+0.29	4.74	+1.52	2.95	−1.41	3.82	−1.31	8.86	+4.00	1.26	−2.26	4.03	+0.51	1.26	−2.85	1.24	−2.32	4.36	+1.10	8.44	+4.44	3.15	−0.71	48.85	+ 1.00
Blytheville	7.72	+2.29	6.25	+2.99	4.84	+0.23	3.47	−1.00	4.41	+0.82	2.16	−1.51	3.22	+0.03	3.96	+0.05	1.83	−1.29	3.97	+0.89	3.35	−0.01	3.29	−1.02	48.47	+ 2.47
Booneville (ncar).	5.10	+1.37	3.05	+0.37	4.27	+0.75	7.66	+2.87	6.42	+1.04	2.78	−1.63	2.32	−0.77	1.50	−2.13	1.34	−1.98	1.11	−2.32	10.40	+7.15	6.94	+3.72	52.89	+ 8.44
Booneville	6.40	......	....	......	....	......	....	......	....	......	....	......	4.00	......	1.31	......	....	......	....	......	10.80	......	6.46	......	......	......
Boughton	7.46	......	4.62	......	7.22	......	4.61	......	7.62	......	0.00	......	4.62	......	3.22	......	2.54	......	4.11	......	9.55	......	4.39	......	59.36	......
Bradford	6.92	......	3.63	......	4 58	......	5.64	......	10.51	......	1.12	......	4.90	......	0.25	......	4.55	......	3.09	......	6.58	......	3.59	......	55.36	......
Briukley	9.26	+4.06	3.97	−0.23	7.41	+2.12	3.78	−1.68	8.71	+3.32	1.52	−2 21	3.14	−1.14	3.20	−0.12	4.06	+0.08	2.34	−1.18	6.89	+2.93	3.29	−1.82	57.57	+ 4.13
Burdette	8.55	......	7.11	......	6.07	......	2.98	......	5.17	......	2.71	......	1.39	......	2.88	......	1.73	......	3.91	......	5.40	......	3.99	......	51.89	......
Calico Rock	5.34	+1.89	4.45	+1.78	3.95	+0.35	5.91	+1.28	10.60	+5.82	2.07	−1.73	3.69	+0.21	0.59	−3.76	1.70	−1.69	2.64	−0.68	6.30	+3.20	4.14	+0.79	51.38	+ 7.46
Camden	8.70	+3.81	5.49	+1.51	5.37	+0.31	4.48	−0.31	7.66	+3.35	2.15	−1.97	4.20	+0.14	1.53	−1.29	0.27	−2.82	4.63	+1.78	8.78	+4.37	1.80	−3.20	55.06	+ 5.68
Camp Chaffce	4.70	......	4.94	......	3.48	......	10.54	......	8.65	......	3.87	......	0.63	......	0.79	......	1.42	......	1.56	......	13.61	......	6.53	......	60.72	......
Camp Robinson	8.45	......	3.54	......	7.38	......	6.85	......	6.92	......	1.77	......	2.43	......	1.26	......	1.48	......	....	......	....	......	....	......	......	......
Carlisle	7.52	......	3.02	......	6.29	......	4.50	......	11.09	......	0.00	......	3.51	......	0.00	......	....	......	1.50	......	6.98	......	1.82	......	......	......
Clareudon	9.23	+4.56	4.36	+0.34	7.12	+2.12	2.39	−3.10	9.27	+4.82	3.65	+0.09	5.80	+2.41	0.75	−2.69	1.84	−1.43	1.37	−1.67	6.22	+2.25	2.71	−2.42	54.71	+ 5.28
Cold Springs	5.84	......	5.28	......	4.97	......	8.20	......	9.80	......	1.87	......	4.02	......	1.74	......	1.71	......	3.03	......	10.39	......	6.67	......	63.52	......
Conway	6.01	+1.60	4.89	+1.10	6.96	+2.36	11.26	+6.27	9.04	+3.87	2.87	−1.11	1.58	−1.92	2.36	−0.94	0.33	−3.02	2.01	−0.99	9.49	+5.47	4.03	−0.28	60.83	+12.41
Corning	4.37	+0.09	5.58	+2.15	2.66	−1.97	2.71	−2.28	14.39	+9.95	0.74	−3.23	3.22	−0.36	3.90	+0.31	1.18	−2.30	2.32	−1.17	7.79	+4.30	3.65	−0.04	52.51	+ 5.45
Cotter	5.62	+2.55	5.11	+2.10	2.53	−0.51	6.60	+2.44	11.45	+6.47	4.31	−0.04	5.70	+2.90	0.42	−3.06	1.26	−1.83	2.44	−1.32	8.76	+5.75	5.32	+1.96	59.52	+17.41
Crossett	12.82	+7.24	6.16	+2.41	6.60	+1.45	3.78	−0.85	9.59	+5.45	5.59	+1.52	9.21	+4.59	0.66	−2.55	1.27	−1.12	2.23	−1.34	8.21	+4.00	3.94	−1.55	70.06	+19.25
Crystal Valley	....	......	....	......	6.29	......	4.40	......	7.55	......	1.60	......	....	......	0.73	......	0.39	......	1.79	......	....	......	....	......	......	......
Cummins Farm	11.10	......	3.06	......	7.27	......	2.92	......	10.90	......	1.27	......	7.09	......	0.57	......	1.24	......	1.05	......	6.11	......	....	......	......	......
Danville	7.56	+3.64	5.35	+2.35	6.01	+1.99	7.92	+2.83	11.08	+6.08	2.63	−1.62	5.72	+2.56	0.96	−2.24	0.81	−2.46	2.13	−1.83	9.31	+5.74	3.92	+0.17	63.40	+17.21
Dardanelle	7.26	+3.70	5.86	+2.70	5.66	+1.35	7.83	+3.45	8.17	+2.85	1.88	−2.01	5.02	+1.64	1.89	− 1.65	1.05	−2.26	1.98	−1.12	7.46	+3.98	4.61	+1.07	58.67	+13.70
De Queen	7.03	......	5.71	......	3.28	......	6.20	......	6.22	......	1.16	......	0.76	......	2.18	......	1.85	......	4.75	......	7.93	......	3.19	......	50.26	......
Dermott	9.32	......	7.18	......	6.77	......	1.75	......	5.57	......	1.37	......	7.61	......	0.52	......	0.47	......	3.64	......	....	......	....	......	......	......
Des Arc	7.36	......	4.51	......	7.95	......	5.30	......	9.87	......	3.66	......	7.24	......	0.39	......	3.00	......	2.45	......	6.15	......	2.90	......	60.78	......
Devil's Knob	6.68	......	6.55	......	6.29	......	4.72	......	....	......	....	......	....	......	4.14	......	2.21	......	2.64	......	11.87	......	6.69	......	......	......
Dumas	11.52	+6.54	5.59	+1.48	6.94	+1.11	2.65	−2.11	9.07	+4.41	1.33	−2.28	7.44	+3.46	1.67	−1.60	0.93	−2.04	2.16	−0.87	6.28	+2.05	4.32	−1.72	59.90	+ 8.43
Eagle Gap	5.92	......	6.74	......	3.67	......	6.50	......	14.92	......	2.94	......	5.38	......	1.47	......	1.65	......	3.37	......	14.71	......	7.68	......	74.95	......
El Dorado	8.15	+3.56	5.73	+1.50	7.01	+1.85	4.50	−0.71	10.70	+6.00	1.30	−2.46	3.85	−0.59	0.51	−2.78	0.36	−2.53	3.22	+0.20	9.10	+4.32	3.93	−2.53	58.36	+ 5.83
Eleven Point	4.16	......	5.97	......	3.08	......	2.73	......	7.78	......	1.21	......	3.85	......	4.21	......	1.23	......	2.73	......	7.92	......	3.36	......	48.23	......
Eureka Springs	4.58	+1.37	3.98	+1.30	2.02	−1.77	3.11	−1.85	8.90	+3.19	4.62	−1.03	0.15	−3.56	1.10	−3.59	1.43	−3.08	2.82	−1.16	14.55	+11.32	4.03	+1.05	51.29	+ 2.19
Eveuing Shade	5.89	..	4.14	......	5.76	......	4.81	......	11.63	......	2.38	......	2.10	......	0.82	......	0.98	......	3.03	......	7.38	......	4.46	......	53.38	......
Fayetteville	3.11	......	3.91	......	2.28	......	4.49	......	9.85	......	2.49	......	4.66	......	0.53	......	1.32	......	2.57	......	14.05	......	5.13	......	54.39	......
Fayetteville Exp.	2.91	+0.03	3.70	+1.27	2.31	−1.19	3.68	−0.98	10.22	+4.80	5.31	+0.64	3.28	−0.42	0.70	−3.26	1.51	−2.40	1.96	−1.71	12.19	+9.14	4.85	+2.07	52.62	+ 7.99
Fordyce	10.12	+5.03	6.36	+1.90	8.43	+2.85	7.22	+1.77	10.58	+6.90	0.40	−3.27	3.56	+0.44	2.33	−2.00	0.20	−3.74	2.08	−0.28	8.56	+4.55	3.68	−1.30	63.52	+12.85
Forester	7.80	......	4.85	......	6.02	......	8.95	......	18.51	......	1.06	......	4.35	......	2.16	......	1.27	......	3.01	......	10.23	......	8.66	......	76.87	......
Fort Smith	4.72	+2.18	5.01	+2.45	3.11	+0.10	6.77	+2.83	8.55	+3.73	4.44	+0.72	0.53	−2.84	0.78	−2.50	1.57	−1.42	2.08	−0.91	14.01	+11.14	6.31	+3.55	57.88	+19.03
Ft. Smith WaterPt.	5.27	......	5.37	......	4.05	......	7.06	......	8.92	......	3.64	......	3.63	......	1.85	......	1.58	......	4.01	......	13.94	......	6.42	......	65.74	......
Fulton	10.16	+5.59	5.50	+2.22	7.05	+2.50	4.86	+0.26	10.45	+5.94	1.37	−2.44	1.93	−1.63	2.17	−0.65	1.42	−1.07	3.83	+1.25	9.97	+6.18	2.54	−1.56	61.25	+16.59
Garland	9.97	......	4.58	......	7.93	......	5.31	......	12.04	......	1.39	......	2.90	......	6.17	......	0.86	......	2.61	......	11.90	......	2.13	......	67.79	......
Georgetown	7.43	+2.11	3.37	−0.34	7.61	+2.59	6.44	+1.35	8.53	+4.31	1.29	−2.65	7.27	+4.15	0.55	−2.89	3.26	−0.18	1.44	−1.95	5.68	+1.93	2.23	−1.30	55.10	+ 7.13
Gilbert	5.35	+2.02	3.85	+0.96	1.70	−1.13	4.60	−0.41	8.70	+3.56	2.00	−1.66	2.90	+0.02	0.74	−3.24	2.15	−1.42	1.51	−2.69	7.96	+5.07	4.65	+1.33	46.11	+ 2.41
Glenwood	7.91	......	7.51	......	6.53	......	11.37	......	11.56	......	0.32	......	4.14	......	6.48	......	3.29	......	1.78	......	9.31	......	4.09	......	74.29	......
Grannis	7.31	+2.57	7.22	+2.98	6.48	+2.11	6.01	+0.19	14.31	+8.40	0.27	−4.60	2.73	−1.82	2.13	−1.18	2.33	−1.91	2.35	−1.86	11.01	+6.32	6.44	+1.46	68.59	+12.66
Gravelly	8.71	......	5.42	......	4.67	......	6.87	......	13.17	......	1.81	......	4.11	......	3.76	......	1.83	......	2.28	......	9.19	......	4.30	......	66.12	......

Monthly and Annual Precipitation for the year 1946, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Gravette	4.08	+1.39	4.34	+2.14	1.96	-1.42	3.81	-0.92	7.64	+2.10	2.19	-3.39	0.14	-3.37	1.29	-2.73	2.54	-1.69	1.32	-2.63	8.51	+5.33	7.06	+4.68	44.88	-0.51
Green Forest	3.95	......	....	......	1.71	......	4.48	......	9.05	......	2.15	......	2.32	......	1.36	......	0.68	......	2.36	......	18.40	......	2.43	......	....	......
Green Mountain	4.85	......	5.15	......	3.75	......	5.30	......	....	......	2.65	......	3.45	......	1.10	......	1.10	......	....	......	9.15	......	4.94	......	....	......
Greenwood	4.59	......	3.96	......	4.54	......	11.59	......	11.94	......	2.86	......	0.97	......	0.31	......	3.16	......	4.11	......	12.74	......	7.48	......	68.25	......
Harrison	5.62	+2.63	3.33	+0.67	2.22	-0.93	4.62	-0.03	9.58	+4.27	3.17	-1.24	8.65	+5.26	1.50	-2.07	0.12	-3.84	2.53	-0.70	9.87	+7.14	4.89	+2.40	56.10	+13.56
Helena	11.78	+6.30	6.19	+1.69	5.73	-0.30	3.11	-2.46	10.09	+5.69	2.16	-1.58	2.66	-1.19	0.90	-2.66	1.55	-1.73	3.14	+0.43	6.27	+1.73	3.01	-2.07	56.59	+3.85
Henderson	4.79	......	4.71	......	2.65	......	3.22	......	10.03	......	1.85	......	4.29	......	0.50	......	....	......	....	......	7.87	......	5.61	......	....	......
Hope	9.42	+4.43	5.08	+1.01	8.13	+3.05	5.44	+0.13	6.76	+1.67	1.34	-2.40	8.49	+4.14	2.90	-0.38	0.75	-2.31	5.54	+2.35	10.15	+5.60	2.56	-2.08	66.56	+15.21
Hot Springs	8.78	+3.85	6.41	+2.72	11.06	+6.23	8.72	+2.69	13.91	+8.17	1.09	-3.53	5.23	+1.12	2.86	-0.84	2.62	-0.75	2.47	-0.75	9.66	+5.34	4.36	-0.27	77.17	+23.98
Huttig	12.46	......	6.13	......	6.18	......	3.80	......	7.21	......	4.15	......	6.29	......	0.99	......	1.82	......	1.88	......	7.59	......	2.11	......	60.61	......
Index	5.00	+0.72	5.65	+2.14	4.03	-0.53	6.33	+1.68	10.35	+6.04	3.50	+0.29	3.30	-0.61	3.35	+0.38	1.10	-1.37	1.10	-1.76	11.56	+7.32	1.70	-2.96	56.97	+11.34
Jessieville	9.87	+4.63	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Jonesboro	6.89	+1.87	4.29	+0.51	3.69	-1.08	3.51	-1.06	10.62	+6.60	2.65	-1.09	3.56	+0.33	2.20	-1.26	3.18	-0.18	4.15	+0.88	6.55	+3.19	4.30	-0.08	55.59	+8.63
Lake City	3.52	......	2.18	......	2.46	......	2.82	......	5.11	......	1.24	......	0.43	......	1.56	......	0.94	......	0.59	......	2.68	......	2.94	......	26.47	......
Lead Hill	5.57	+2.73	4.45	+1.34	2.41	-1.28	5.69	+1.71	10.38	+4.98	1.85	-2.58	3.82	+0.13	0.72	-3.15	1.36	-2.15	2.29	-1.07	10.88	+7.50	4.72	+1.72	54.14	+9.88
Little Rock	8.22	+3.49	3.09	-0.75	8.22	+3.60	4.81	-0.38	9.67	+4.89	3.39	-0.37	2.56	-0.94	0.69	-3.06	0.83	-2.34	2.56	-0.15	7.88	+3.69	3.23	-0.91	55.15	+6.77
Lock & Dam No. 3	5.68	......	3.71	......	5.76	......	6.55	......	13.76	......	1.53	......	3.48	......	0.99	......	0.79	......	7.18	......	7.37	......	3.48	......	60.28	......
Lurton	....	......	....	......	5.18	......	5.09	......	9.43	......	2.38	......	5.70	......	2.48	......	2.74	......	1.78	......	10.25	......	7.31	......	....	......
Lutherville	7.00	+2.98	4.87	+1.46	6.05	+1.88	5.33	+0.39	7.51	+1.90	4.81	+0.25	5.12	+1.58	1.61	-2.20	1.26	-2.84	2.67	-1.42	10.32	+6.73	5.09	+0.91	61.64	+11.62
Madison	8.94	+3.71	4.86	+0.35	8.47	+3.25	3.88	-0.34	9.00	+5.34	0.78	-2.19	1.14	-3.66	2.00	-1.33	3.35	+0.45	2.75	-0.16	6.45	+2.35	2.80	-2.74	54.42	+5.03
Magnolia	10.07	+5.23	5.03	+1.04	4.64	+0.02	4.85	-0.04	11.64	+7.03	2.31	-1.19	4.68	+0.67	1.74	-0.83	1.70	-0.40	2.48	-0.50	8.85	+4.22	2.44	-3.30	60.43	+11.95
Mammoth Spring	4.61	+0.97	6.16	+3.45	4.67	+1.27	3.08	-2.00	10.09	+5.48	2.88	-1.34	2.08	-1.42	1.46	-2.56	1.47	-2.05	1.28	-2.30	9.12	+5.72	3.68	+0.41	50.58	+5.63
Marianna	5.90	+1.21	5.28	+1.40	7.11	+2.23	3.92	-0.22	13.17	+9.25	0.80	-2.67	4.09	+0.70	1.38	-1.53	1.54	-1.20	2.39	-0.77	6.19	+2.82	3.16	-1.47	54.93	+11.22
Marked Tree	9.61	+4.18	4.44	+0.77	5.47	+0.31	3.96	-1.69	7.29	+2.49	0.66	-2.78	1.93	-1.68	5.90	+2.36	2.30	-0.66	2.89	-0.83	4.43	+0.35	3.01	-1.53	51.89	+1.29
Marshall	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	1.25	-2.78	1.53	-2.45	5.74	+2.15	8.76	+5.03	....	......
Marvell	9.06	......	6.28	......	6.37	......	4.61	......	9.46	......	2.07	......	1.95	......	1.67	......	0.81	......	2.80	......	7.07	......	3.52	......	55.67	......
Melbourne	4.39	......	5.02	......	6.25	......	5.24	......	10.35	......	2.94	......	3.48	......	1.22	......	0.79	......	2.18	......	8.37	......	5.36	......	55.59	......
Mena	7.03	+3.08	6.61	+3.25	5.18	+0.68	6.92	+1.34	16.19	+9.98	1.69	-3.29	3.34	-0.54	3.90	-0.36	1.82	-2.04	1.19	-2.50	11.44	+7.87	5.94	+1.95	71.25	+19.42
Monticello	9.81	......	6.43	......	7.94	......	1.99	......	8.20	......	0.41	......	7.49	......	1.93	......	0.93	......	4.11	......	7.30	......	4.11	......	60.65	......
Morobay	11.94	......	5.76	......	6.46	......	3.99	......	6.93	......	3.03	......	5.24	......	1.27	......	0.16	......	3.36	......	6.20	......	2.85	......	57.19	......
Morrilton	7.56	+3.70	5.08	+1.87	6.93	+2.80	10.15	+5.25	9.32	+4.70	1.81	-2.11	3.38	+0.94	1.00	-1.92	0.16	-2.67	1.98	-1.70	7.78	+3.91	4.37	+0.33	59.52	+15.10
Mountainburg	4.99	......	5.26	......	4.09	......	7.61	......	8.87	......	3.51	......	3.40	......	2.27	......	1.44	......	4.04	......	15.39	......	6.39	......	67.26	......
Mountain Home	4.80	+1.93	4.57	+2.00	3.25	-0.42	4.15	-0.49	11.87	+6.56	3.45	-1.05	6.30	+2.78	0.65	-3.18	0.70	-3.05	2.16	-1.80	8.53	+5.36	4.95	+1.41	55.38	+10.05
Mountain View	5.42	......	5.42	......	7.10	......	5.42	......	13.36	......	4.89	......	4.52	......	1.77	......	0.39	......	6.04	......	5.87	......	6.10	......	66.30	......
Mount Ida	7.38	+3.03	5.91	+1.95	8.61	+4.11	10.35	+4.49	14.12	+8.44	0.97	-3.21	6.15	+2.65	4.50	+1.01	2.55	-0.92	2.26	-1.45	13.49	+9.34	6.99	+2.66	83.28	+32.10
Mulberry	5.41	......	5.27	......	3.38	......	5.77	......	7.94	......	2.11	......	4.94	......	0.93	......	1.08	......	4.84	......	16.03	......	6.65	......	64.35	......
Nashville	7.46	......	6.96	......	4.10	......	5.04	......	7.33	......	0.44	......	2.87	......	2.64	......	1.48	......	3.61	......	10.59	......	2.70	......	55.22	......
Newport	7.17	+2.22	4.24	+0.70	4.10	-0.69	8.44	+3.51	11.22	+6.99	0.77	-3.02	2.74	-0.48	0.68	-2.79	2.99	-0.43	3.24	+0.27	6.99	+2.90	3.33	-0.77	55.91	+8.41
Nimrod Dam	6.56	......	4.30	......	6.68	......	7.66	......	9.19	......	2.29	......	5.16	......	1.54	......	0.96	......	2.61	......	8.06	......	7.07	......	62.08	......
Oark	5.95	......	8.70	......	6.40	......	6.73	......	9.55	......	1.58	......	2.20	......	3.05	......	1.65	......	3.78	......	15.20	......	7.65	......	72.44	......
Odell	4.52	......	4.84	......	4.28	......	5.04	......	8.65	......	8.63	......	2.30	......	1.48	......	1.78	......	2.92	......	16.12	......	6.11	......	66.67	......
Oden	7.59	+3.58	5.21	+1.56	5.06	+1.25	8.84	+2.90	13.23	+8.16	0.69	-3.28	3.35	+0.21	2.90	-0.40	1.05	-1.90	2.98	-0.11	10.63	+6.74	4.90	+0.67	66.43	+19.38
Okay	7.61	+3.10	5.29	+1.39	4.84	+0.23	7.30	+2.74	7.26	+2.40	0.98	-1.99	2.44	-1.16	2.85	+0.06	1.93	-0.89	3.15	+0.17	13.09	+8.73	2.66	-2.49	59.40	+12.29
Osceola	7.30	+2.73	4.85	+0.39	6.30	+1.18	3.08	-1.40	4.39	-0.37	1.53	-1.76	1.62	-1.75	2.45	-0.80	0.81	-2.00	3.06	+0.40	4.67	+0.69	....	......	....	......
Ozark	5.85	+2.81	5.41	+2.63	6.16	+2.41	7.24	+2.63	5.11	-0.37	2.78	-1.61	4.08	+0.91	1.02	-2.71	0.35	-3.05	2.38	-0.98	12.33	+9.25	6.78	+3.38	59.49	+15.30
Paragould	7.03	+1.95	6.29	+2.43	3.74	-1.18	2.73	-2.03	8.39	+4.20	1.63	-1.87	5.70	+2.48	3.14	-0.73	1.65	-0.84	2.76	-0.18	6.21	+2.90	....	......	....	......
Parkin	8.94	+3.78	4.41	+0.26	8.64	+3.32	5.65	+1.40	7.97	+4.80	0.99	-2.29	3.33	-0.09	2.36	-0.79	2.51	-0.40	2.83	-0.36	5.58	+1.94	4.20	-1.08	57.41	+10.41
Perryville	7.42	+3.02	5.21	+1.79	7.89	+4.03	10.35	+5.09	8.67	+2.93	1.83	-3.07	3.12	-1.13	0.92	-3.13	0.42	-3.08	1.84	-1.66	8.75	+5.15	3.60	-0.38	60.02	+9.56
Pine Bluff	10.15	+4.92	6.01	+1.91	7.85	+2.54	4.04	-1.39	8.07	+3.66	0.57	-3.16	1.52	-2.08	2.19	-0.69	1.01	-2.36	2.47	-0.36	7.98	+3.80	2.64	-2.63	54.50	+4.16
Pine Ridge	6.17	+1.61	5.72	+1.97	5.48	+1.20	7.65	+1.70	15.24	+9.68	0.57	-3.86	5.53	+1.84	3.41	+0.50	1.16	-1.84	2.10	-1.93	10.44	+6.33	5.24	+1.03	68.71	+18.23
Pocahontas	5.78	+1.46	5.96	+2.67	3.16	-1.40	2.78	-2.08	9.45	+4.75	1.39	-2.71	3.69	-0.30	6.26	+1.87	0.99	-2.35	3.31	0.00	10.61	+7.04	1.82	-1.98	55.20	+6.97
Portland	12.23	+7.48	6.89	+2.61	4.89	-0.39	2.32	-2.65	6.06	+1.36	6.15	+2.99	7.03	+3.10	1.10	-2.13	1.16	-1.44	1.95	-0.99	6.62	+2.47	2.83	-2.96	59.23	+9.45
Prescott	9.40	+4.66	4.22	+0.42	7.13	+2.57	4.67	-0.45	8.11	+3.22	0.69	-3.03	4.20	+0.66	4.20	+1.04	1.54	-1.38	3.58	+0.95	10.47	+6.76	3.52	-1.14	61.73	+14.28
Ratcliff	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	9.71	......	5.50	......	....	......
Red Star	7.35	......	5.60	......	5.42	......	6.62	......	16.10	......	3.43	......	1.09	......	3.13	......	1.81	......	3.27	......	12.85	......	6.95	......	73.62	......
Rogers	4.39	+1.75	4.02	+1.95	2.56	-0.79	5.30	+0.73	11.12	+5.77	3.70	-1.20	4.04	+0.36	0.89	-2.88	2.60	-1.48	2.02	-1.47	12.84	+9.81	5.55	+3.11	59.03	+15.66
Russellville	6.75	+3.02	5.12	+1.76	5.31	+0.97	8.24	+3.88	8.65	+3.16	3.91	-0.32	3.57	-0.53	1.90	-1.65	0.64	-3.11	3.61	+0.60	8.82	+5.05	4.55	+1.20	61.07	+14.03
St. Charles	11.22	......	5.39	......	6.92	......	2.62	......	7.90	......	1.07	......	1.85	......	0.00	......	1.26	......	4.03	......	7.21	......	2.61	......	52.08	......
St. Francis	5.27	+0.07	5.54	+1.35	2.93	-1.96	2.50	-2.27	8.51	+4.59	1.09	-2.73	2.19	-1.86	4.07	+0.10	2.19	-1.42	2.84	-0.64	7.26	+3.72	3.96	-0.19	48.35	-1.24
Searcy	9.00	+4.23	4.25	+0.75	6.58	+1.92	8.69	+3.85	8.73	+4.21	0.76	-3.22	3.55	+0.60	0.86	-2.74	1.85	-1.08	1.54	-1.59	6.72	+2.42	2.90	-1.71	55.43	+7.64
Sheridan (near)	9.00	......	3.92	......	6.18	......	6.72	......	6.82	......	1.70	......	4.84	......	0.78	......	2.77	......	2.96	......	11.57	......	3.18	......	60.44	......
Shirley	6.54	......	5.50	......	7.00	......	5.20	......	12.89	......	4.22	......	3.26	......	0.73	......	1.29	......	2.16	......	8.08	......	5.17	......	62.04	......
Siloam Springs	3.40	......	3.83	......	2.80	......	4.60	......	10.07	......	7.46	......	0.06	......	0.86	......	2.28	......	1.73	......	9.94	......	5.50	......	52.53	......
Sparkman	....	......	....	......	....	......	....	......	....	......	....	......	....	......	2.46	......	0.80	......	2.14	......	10.10	......	3.17	......	....	......
Stamps	9.62	......	4.12	......	5.75	......	5.54	......	11.83	......	3.31	......	3.40	......	3.49	......	1.07	......	3.87	......	10.67	......	2.09	......	64.76	......
Stephens	8.93	......	4.63	......	4.06	......	4.07	......	8.21	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......
Steve	8.19	......	6.21	......	7.00	......	5.94	......	10.15	......	1.38	......	3.44	......	3.10	......	0.33	......	1.86	......	7.56	......	5.39	......	60.55	......
Story	7.64	+3.77	5.79	+2.38	6.02	+2.05	6.30	+0.07	10.56	+5.69	0.87	-2.46	4.40	+0.93	3.17	+0.15	1.58	-1.19	2.11	-1.29	10.47	+6.59	4.99	+0.38	63.90	+17.07
Stuttgart	10.45	+5.26	4.68	+0.60	6.60	+1.14	2.22	-2.76	7.63	+3.00	1.59	-2.22	4.37	+0.58	0.25	-3.21	1.01	-2.08	3.69	+0.67	5.87	+1.78	2.83	-2.19	51.19	+0.57
Stuttgart (Evap.)	10.31	......	3.67	......	5.86	......	2.43	......	6.74	......	2.54	......	4.98	......	0.42	......	1.26	......	3.39	......	5.91	......	4.16	......	51.67	......
Subiaco	5.62	+2.15	3.54	+0.61	6.56	+2.76	8.45	+3.94	7.40	+2.15	3.28	-0.86	3.26	+0.09	0.96	-2.61	2.64	-0.75	2.13	-1.36	10.51	+7.34	6.79	+3.36	61.14	+16.82
Sugar Grove	4.85	......	4.18	......	5.90	......	6.75	......	8.55	......	3.48	......	3.80	......	2.21	......	1.58	......	1.79	......	8.75	......	6.37	......	58.21	......
Sugar Loaf Mt.	7.25	......	5.23	......	4.61	......	7.77	......	10.29	......	2.66	......	3.05	......	2.03	......	0.90	......	2.57	......	8.23	......	3.37	......	57.96	......
Texarkana	8.17	+3.69	4.97	+1.60	5.49	+1.19	5.90	+0.96	12.05	+7.53	3.34	-0.37	2.98	-1.13	2.85	-0.52	0.89	-1.78	2.54	-0.87	9.91	+6.24	1.91	-2.70	61.00	+13.84
Tichnor	11.63	......	6.04	......	5.10	......	3.17	......	7.86	......	2.22	......	3.41	......	0.02	......	0.84	......	2.09	......	5.72	......	....	......	....	......
Turnpike	6.44	+2.26	5.47	+2.03	6.60	+2.56	4.37	-0.95	9.11	+3.19	3.37	-1.55	4.03	+0.75	2.82	-1.27	1.56	-3.30	3.35	-1.64	12.17	+8.08	5.39	+1.18	64.68	+11.34
Viola	5.24	......	4.93	......	5.12	......	4.37	......	8.28	......	1.15	......	5.20	......	0.59	......	2.99	......	2.43	......	8.06	......	3.96	......	52.32	......
Waldron	4.78	+1.04	3.45	-0.01	3.05	-0.67	4.95	-0.32	9.91	+4.35	1.93	-2.46	4.18	+1.31	1.08	-1.98	2.75	-0.41	2.45	-1.42	11.18	+7.63	6.05	+2.45	55.76	+9.51
Walnut Grove	6.69	......	5.81	......	4.05	......	7.06	......	12.51	......	1.12	......	3.24	......	0.99	......	0.94	......	4.57	......	9.53	......	3.63	......	60.14	......
Warren	11.10	+6.23	6.13	+1.72	8.29	+2.83	2.41	-2.75	9.18	+4.62	0.86	-2.82	3.38	-0.51	3.13	-0.28	0.52	-2.86	2.25	-0.92	7.23	+3.07	3.38	-2.38	57.86	+5.95
Whitecliffs	9.33	+5.37	....	......	4.33	-0.14	5.24	-0.23	10.56	+5.75	2.46	-1.05	1.22	-1.47	5.49	-2.59	1.12	-1.39	2.54	-0.59	11.67	+8.34	2.18	-2.46	....	......
White Rock	6.13	......	6.19	......	4.25	......	6.02	......	7.91	......	2.23	......	4.32	......	0.84	......	2.33	......	4.11	......	17.14	......	7.71	......	69.18	......
Wilson	8.00	+2.71	4.15	+0.37	7.31	+2.64	3.27	-1.49	5.51	+1.28	0.30	-2.58	2.52	-0.92	1.96	-1.31	1.39	-1.21	....	......	4.15	+0.62	....	......	....	......
Wynne	....	......	....	......	8.77	+3.59	....	......	....	......	....	......	....	......	0.58	-3.17	....	......	....	......	....	......	....	......	....	......

Departures from normal precipitation are based on records of 10 years or more.

Monthly and Annual Mean Temperature for the Year 1946, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	41.4	....	46.3	....	57.4	....	63.8	....	65.6	....	74.8	....	80.4	....	78.5	....	72.0	....	64.2	....	54.2	....	49.2	....	62.3	....
Arkadelphia	42.5	- 1.3	48.3	+ 2.4	59.0	+ 3.2	65.8	+ 3.4	67.6	- 3.2	76.6	- 1.5	84.7	+ 3.5	80.2	- 0.8	73.6	- 2.6	63.0	- 1.4	53.2	0.0	48.4	+ 3.9	63.6	+ 0.5
Ashdown	43.1	....	45.1	....	59.6	....	67.2	....	68.6	....	76.9	....	81.2	....	80.1	....	73.5	....	63.8	....	54.4	....	48.0	....	63.5	....
Batesville (Airway)	39.8	+ 1.3	45.4	+ 4.2	57.5	+ 7.1	63.4	+ 4.1	64.8	- 2.8	74.7	- 1.6	80.6	+ 0.4	78.3	- 1.0	71.3	- 1.6	62.4	+ 1.2	52.2	+ 3.1	46.5	+ 5.8	61.4	+ 1.7
Batesville (Livestock)	38.6	....	45.8	....	57.2	....	62.4	....	64.5	....	73.7	....	80.5	....	77.0	....	70.0	....	60.4	....	50.9	....	45.2	....	60.5	....
Batesville (River)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bee Branch	39.0	- 1.5	44.7	+ 2.0	56.2	+ 4.9	62.4	+ 1.7	64.2	- 4.1	72.8	- 3.9	78.8	- 2.4	77.2	- 2.8	71.7	- 2.6	62.9	+ 0.3	52.8	+ 2.1	47.4	+ 5.4	60.8	- 0.1
Benton	39.0	- 0.6	44.2	+ 1.1	[a]54.2	+ 1.6	61.6	+ 1.1	64.4	- 3.8	74.2	- 2.2	78.9	- 1.8	76.6	- 3.3	69.5	- 5.1	60.5	- 2.1	51.5	+ 1.2	44.6	+ 2.6	59.9	- 1.0
Bentonville	35.4	- 1.2	43.7	+ 3.9	55.4	+ 7.4	62.6	+ 4.9	62.8	- 2.7	72.8	- 1.3	79.4	+ 1.0	78.2	+ 0.3	70.4	- 0.7	61.2	+ 1.7	48.3	+ 0.3	43.3	+ 4.5	59.5	+ 1.5
Bethesda	38.6	....	45.8	....	57.0	....	62.0	....	63.8	....	73.1	....	79.9	....	76.8	....	69.8	....	59.9	....	50.8	....	44.8	....	60.2	....
Blytheville	41.0	+ 1.1	46.4	+ 3.0	[a]59.0	+ 7.8	64.5	+ 3.5	66.6	- 3.6	77.8	- 0.2	[a]80.6	- 0.9	76.3	- 3.9	72.0	- 2.2	64.2	+ 0.8	[d]54.8	+ 4.6	....	....	....	....
Booneville 3 mi. W	42.0	+ 0.8	48.5	+ 3.0	59.1	+ 5.8	67.1	+ 4.9	67.4	- 2.5	76.0	- 1.9	82.5	- 0.3	81.9	- 0.5	74.5	- 1.0	66.2	+ 1.8	54.0	+ 2.2	50.6	+ 6.7	64.2	+ 1.6
Brinkley	41.5	- 0.5	47.2	+ 3.0	58.7	+ 5.4	64.8	+ 2.8	66.8	- 3.2	75.8	- 2.1	80.2	- 0.8	77.6	- 2.8	71.4	- 3.4	62.0	- 0.6	53.4	+ 1.5	47.7	+ 3.9	62.3	+ 0.3
Camden	45.7	+ 1.2	52.2	+ 4.9	60.4	+ 5.1	67.4	+ 4.0	69.2	- 1.8	78.2	- 0.3	81.4	- 0.1	80.1	- 0.7	74.0	- 1.6	63.2	- 1.0	54.6	+ 1.2	49.2	+ 3.9	64.6	+ 1.2
Camp Chaffee	39.9	....	47.6	....	58.0	....	[a]65.8	....	[a]67.2	....	77.1	....	83.5	....	[a]82.3	....	[a]74.8	....	65.4	....	[b]53.6	....	[c]48.6	....	63.6	....
Camp Robinson	40.8	....	47.6	....	[a]59.0	....	65.6	....	66.2	....	75.4	....	80.8	....	78.8	....	72.2	....	....	....	....	....	....	....	....	....
Conway	42.4	+ 0.4	48.6	+ 3.9	58.8	+ 5.2	65.9	+ 3.7	67.8	- 2.2	76.4	- 2.0	81.8	- 0.4	79.8	- 2.0	72.8	- 2.0	64.4	+ 0.6	53.9	+ 2.1	48.8	+ 5.8	63.4	+ 1.0
Corning	39.8	+ 1.8	46.9	+ 6.7	59.8	+ 9.0	64.0	+ 4.0	66.0	- 2.4	76.8	+ 0.4	80.8	+ 0.7	76.4	- 2.2	71.6	- 1.1	62.9	+ 2.4	53.4	+ 4.8	46.6	+ 6.7	62.1	+ 2.6
Crossett	44.8	- 0.1	50.0	+ 2.4	59.4	+ 3.4	66.8	+ 3.6	69.8	- 1.6	76.2	- 2.5	80.1	- 1.5	79.2	- 2.4	73.6	- 2.0	65.4	- 0.1	58.0	+ 4.2	51.2	+ 4.6	64.5	+ 0.6
Cummins Farm	44.2	....	49.2	....	59.1	....	67.0	....	68.4	....	77.4	....	81.1	....	78.8	....	72.8	....	65.2	....	56.0	....	....	....	....	....
Dardanelle	42.8	+ 1.6	49.5	+ 4.6	60.4	+ 7.1	67.6	+ 5.0	69.4	- 0.9	77.8	- 0.7	83.5	+ 1.2	81.4	+ 0.3	74.2	- 1.2	65.6	+ 1.8	54.6	+ 2.9	50.0	+ 7.2	64.7	+ 2.4
De Queen	43.0	....	49.0	....	59.2	....	65.6	....	67.6	....	75.7	....	81.2	....	80.3	....	73.3	....	64.0	....	54.4	....	50.0	....	63.6	....
Des Arc	42.7	....	49.3	....	60.2	....	65.6	....	67.8	....	76.7	....	80.2	....	78.6	....	72.3	....	63.4	....	55.2	....	[a]50.2	....	63.5	....
Devil's Knob	36.2	....	[b]44.2	....	[b]54.6	....	[b]62.0	....	....	....	....	....	....	....	[f]76.0	....	[g]69.2	....	[d]63.2	....	[b]50.6	....	....	....	....	....
Dumas	44.0	- 0.5	50.8	+ 2.9	60.1	+ 4.5	67.8	+ 4.8	69.2	- 2.2	78.5	- 0.7	81.4	- 1.0	79.9	- 2.1	74.0	- 2.1	64.7	- 0.5	57.4	+ 3.9	51.0	+ 4.7	64.9	+ 1.0
El Dorado	43.0	- 3.2	48.6	- 0.7	58.8	+ 4.3	67.2	+ 2.7	68.0	- 3.6	75.8	- 4.1	80.6	- 2.0	80.4	- 1.9	73.6	- 3.6	65.1	- 1.2	56.4	+ 1.3	51.2	+ 4.2	64.1	- 0.6
England	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	37.9	- 0.4	46.0	+ 4.9	57.3	+ 7.3	64.1	+ 5.0	62.6	- 4.1	73.6	- 1.0	80.6	+ 1.6	80.0	+ 1.2	71.6	- 0.7	64.4	+ 3.2	50.4	+ 0.5	46.2	+ 6.1	61.2	+ 1.9
Fayetteville	38.4	....	45.9	....	56.4	....	63.6	....	63.2	....	73.8	....	80.2	....	79.3	....	72.0	....	64.1	....	50.1	....	46.4	....	61.1	....
Fayetteville Exp.	37.0	- 1.0	44.8	+ 4.4	55.2	+ 5.5	62.2	+ 3.3	62.0	- 4.5	72.6	- 2.0	78.6	- 0.2	77.9	- 0.7	70.2	- 1.9	62.6	+ 1.6	48.8	- 0.5	45.4	+ 5.3	59.6	+ 0.8
Fordyce	44.2	- 0.5	51.4	+ 3.2	61.0	+ 6.4	68.0	+ 4.4	69.4	- 1.9	78.1	- 0.9	82.6	+ 0.6	81.3	+ 0.2	....	....	[b]66.2	+ 0.4	57.0	+ 3.6	52.5	+ 6.6	....	....
Fort Smith	39.7	+ 0.2	47.4	+ 4.6	58.0	+ 5.4	65.3	+ 3.5	66.1	- 3.5	76.2	- 1.3	82.6	+ 1.1	81.4	+ 0.9	74.6	+ 0.6	65.0	+ 2.2	52.4	+ 1.4	47.9	+ 6.1	63.0	+ 1.7
Gilbert	37.3	....	41.1	....	54.0	....	61.6	....	62.7	....	73.6	....	79.9	....	77.3	....	69.0	....	60.0	....	49.4	....	43.7	....	59.1	....
Grannis	42.5	+ 1.0	47.6	+ 2.5	57.5	+ 5.8	64.6	+ 4.2	65.6	- 2.1	74.4	- 1.3	80.6	+ 1.1	79.0	- 0.7	72.9	- 1.1	63.1	- 0.4	52.9	+ 2.0	47.3	+ 2.8	62.3	+ 1.1
Gravette	37.1	+ 0.5	45.1	+ 6.1	55.8	+ 7.1	62.8	+ 5.5	62.4	- 3.2	73.1	- 1.0	80.0	+ 1.6	79.0	+ 0.9	71.0	- 0.2	63.2	+ 3.1	49.4	+ 0.9	45.4	+ 6.9	60.4	+ 2.4
Green Mountain	38.6	....	47.6	....	57.6	....	63.2	....	....	....	74.0	....	80.0	....	76.7	....	71.5	....	....	....	50.8	....	47.4	....	....	....
Harrison	38.4	+ 1.6	45.0	+ 5.5	56.8	+ 8.0	64.4	+ 6.6	63.4	- 2.8	73.6	- 0.5	78.9	+ 0.8	75.8	- 2.0	69.9	- 0.8	60.1	+ 0.4	48.7	+ 0.3	45.1	+ 6.5	60.0	+ 2.0
Helena	42.4	- 0.7	49.2	+ 4.3	59.2	+ 5.4	65.7	+ 3.1	66.6	- 4.1	75.8	- 2.5	79.4	- 2.0	77.6	- 3.1	72.7	- 2.6	64.6	+ 0.7	56.4	+ 3.7	49.6	+ 5.4	63.3	+ 0.7
Hope	42.5	- 2.1	49.5	+ 2.2	58.4	+ 2.8	66.5	+ 2.7	68.3	- 2.7	76.9	- 1.8	81.2	- 0.6	80.6	- 1.3	74.0	- 2.0	64.5	- 0.6	54.8	+ 1.6	49.9	+ 3.1	63.9	+ 0.1
Hot Springs	43.6	+ 0.2	50.8	+ 4.0	60.4	+ 6.2	67.7	+ 4.6	67.6	- 2.7	77.9	- 0.5	82.8	+ 0.5	81.0	- 0.7	74.2	- 1.6	66.1	+ 1.2	55.8	+ 2.0	50.8	+ 6.4	64.9	+ 1.6
Jonesboro	40.4	+ 0.2	46.3	+ 3.5	58.4	+ 6.3	64.1	+ 2.8	65.8	- 3.9	76.3	- 1.7	80.2	- 1.1	76.9	- 3.4	71.5	- 2.9	62.4	- 0.5	53.5	+ 1.6	46.9	+ 5.6	61.9	+ 0.6
Lead Hill	37.5	+ 0.6	44.1	+ 5.5	55.9	+ 7.5	62.2	+ 3.4	63.1	- 3.8	73.0	- 2.4	80.7	+ 0.6	77.5	- 1.6	69.4	- 2.5	61.4	+ 1.0	49.4	+ 1.9	44.9	+ 5.5	59.9	+ 1.3
Little Rock	41.7	+ 0.3	48.5	+ 3.6	59.4	+ 6.4	65.6	+ 3.5	67.4	- 2.9	76.8	- 0.6	81.5	+ 0.6	79.8	0.0	72.5	- 1.6	64.1	+ 0.5	54.2	+ 2.1	49.2	+ 5.0	63.4	+ 1.4
Lutherville	39.9	- 0.1	46.6	+ 4.1	57.2	+ 5.8	64.4	+ 4.2	65.4	- 2.5	74.6	- 1.4	80.2	- 0.1	78.3	- 1.7	73.2	- 0.8	64.8	+ 1.9	52.9	+ 2.1	48.0	+ 6.4	62.1	+ 1.5
Magnolia	45.4	- 1.4	[b]53.2	+ 2.5	61.0	+ 3.5	68.2	+ 3.3	[b]70.6	- 1.3	77.4	- 2.2	81.6	- 0.9	81.3	- 1.3	75.4	- 2.2	67.2	- 0.1	[b]57.8	+ 2.8	53.9	+ 5.0	66.1	+ 0.7
Mammoth Spring	38.2	+ 0.7	44.2	+ 3.9	56.6	+ 6.8	61.5	+ 2.3	64.8	- 1.8	74.0	- 0.9	79.4	+ 0.4	75.8	- 2.3	68.6	- 3.1	60.5	+ 0.6	50.2	+ 1.9	43.4	+ 4.1	59.8	+ 1.1
Marianna	41.4	- 0.8	47.4	+ 1.9	58.2	+ 4.6	65.0	+ 2.5	67.0	- 3.6	76.4	- 2.2	79.2	- 2.0	78.0	- 2.5	72.8	- 1.3	....	....	54.8	+ 2.9	47.8	+ 3.9	....	....
Marked Tree	39.8	+ 1.1	44.5	+ 1.9	57.6	+ 7.2	63.8	+ 3.1	66.2	- 3.0	77.0	- 1.0	80.6	- 0.4	76.9	- 2.7	71.0	- 2.4	61.2	- 0.4	52.4	+ 3.5	45.3	+ 4.6	61.4	+ 1.0
Marshall	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	70.8	- 1.0	63.2	+ 1.8	52.5	+ 2.0	47.8	+ 6.6	....	....
Mena	41.2	- 0.3	47.8	+ 3.5	57.4	+ 4.8	64.8	+ 3.2	66.0	- 2.8	74.8	- 1.9	80.6	+ 0.3	79.7	- 0.5	72.5	- 1.8	64.3	+ 1.0	53.7	+ 1.8	49.2	+ 6.4	62.7	+ 1.2
Monticello	44.2	....	50.6	....	59.8	....	66.4	....	69.0	....	77.2	....	80.6	....	79.8	....	74.6	....	66.0	....	57.8	....	51.3	....	64.8	....
Morrilton	41.0	+ 0.3	47.4	+ 2.7	57.0	+ 5.7	64.4	+ 2.7	66.2	- 3.3	76.0	- 2.5	82.1	- 0.5	79.8	- 1.9	71.8	- 3.2	63.0	- 0.6	52.6	+ 1.9	46.7	+ 3.1	62.3	+ 0.3
Mountain Home	38.6	+ 0.7	46.4	+ 4.8	58.0	+ 8.2	63.4	+ 4.2	64.2	- 2.7	73.6	- 1.3	79.4	0.0	75.5	- 3.2	69.5	- 2.3	61.8	+ 1.1	50.6	+ 2.0	46.3	+ 6.4	60.6	+ 1.5
Mount Ida	41.4	+ 0.4	45.2	+ 0.3	57.8	+ 5.7	64.3	+ 3.3	65.7	- 2.3	74.9	- 1.1	79.8	- 0.1	78.7	- 0.9	71.2	- 1.9	61.6	- 0.4	53.0	+ 2.9	48.2	+ 5.2	61.8	+ 0.9
Nashville	[g]43.1	....	[a]49.0	....	59.2	....	66.4	....	68.4	....	76.7	....	82.2	....	80.6	....	74.5	....	65.1	....	55.4	....	49.7	....	64.2	....
Newport	42.0	+ 2.2	48.4	+ 5.8	59.6	+ 7.1	65.8	+ 4.1	67.9	- 2.0	78.2	+ 0.1	83.2	+ 1.7	80.2	- 0.3	73.4	- 0.9	63.6	+ 1.2	55.0	+ 4.1	49.6	+ 7.4	63.9	+ 2.5
Nimrod	40.6	....	46.4	....	56.5	....	64.5	....	65.5	....	75.4	....	82.0	....	79.5	....	72.6	....	63.5	....	53.5	....	47.0	....	62.2	....
Oden	43.2	....	47.3	....	58.3	....	64.4	....	65.6	....	72.3	....	82.0	....	81.8	....	74.2	....	....	....	53.8	....	48.8	....	....	....
Okay	44.6	- 0.4	51.2	+ 2.2	60.6	+ 5.0	66.8	+ 2.3	69.5	- 1.7	77.2	- 2.1	82.0	- 0.9	81.1	- 1.7	74.4	- 2.3	65.8	- 0.2	55.8	+ 2.5	51.8	+ 5.2	65.1	+ 0.7
Ozark	40.6	+ 0.4	47.2	+ 3.6	57.6	+ 5.0	65.4	+ 3.6	66.4	- 3.1	75.6	- 2.3	81.9	- 0.3	80.6	- 1.5	74.8	- 0.8	65.2	+ 1.6	53.4	+ 2.3	48.2	+ 6.4	63.1	+ 1.3
Paragould	39.7	....	45.2	....	58.0	....	63.1	....	65.9	....	76.2	....	[c]80.2	....	77.8	....	73.2	....	....	....	55.2	....	....	....	....	....
Perryville	[b]41.3	+ 1.4	46.8	+ 4.0	58.6	+ 7.0	64.6	+ 4.5	66.2	- 1.3	74.7	- 0.8	80.5	+ 0.7	79.0	- 0.6	71.2	- 1.8	62.8	+ 1.7	53.1	+ 3.0	48.5	+ 6.7	62.3	+ 2.1
Pine Bluff	44.0	+ 0.1	50.8	+ 4.2	60.1	+ 5.1	68.0	+ 4.5	69.3	- 2.1	79.0	- 0.3	83.8	+ 1.3	81.8	- 0.3	75.4	- 1.1	66.4	+ 1.5	57.2	+ 3.9	52.3	+ 7.2	65.7	+ 2.0
Pocahontas	[b]39.6	+ 0.9	45.2	+ 4.4	57.6	+ 6.6	63.2	+ 3.0	65.2	- 3.3	75.8	- 1.0	81.2	+ 0.6	77.3	- 2.7	71.8	- 1.7	62.9	+ 1.1	52.4	+ 2.4	45.7	+ 5.4	61.5	+ 1.3
Portland	45.6	- 0.9	52.0	+ 2.6	60.9	+ 4.0	67.9	+ 3.3	70.0	- 1.7	77.8	- 1.9	80.4	- 1.4	79.7	- 1.7	74.8	- 1.3	66.2	+ 1.2	58.6	+ 4.4	51.9	+ 4.7	65.5	+ 1.0
Prescott	44.2	- 0.3	50.8	+ 2.9	60.5	+ 4.6	68.0	+ 4.2	69.8	- 1.7	78.3	- 0.9	82.6	+ 0.2	81.4	- 0.7	75.1	- 1.5	66.4	+ 0.9	56.4	+ 2.5	52.2	+ 6.8	65.5	+ 1.4
Rogers	37.3	+ 0.2	45.2	+ 5.5	55.8	+ 6.8	62.7	+ 4.0	62.8	- 3.2	72.9	- 1.0	79.4	+ 1.4	77.8	0.0	70.8	- 0.4	62.8	+ 2.7	49.9	+ 1.2	45.4	+ 6.2	60.2	+ 1.9
Russellville	....	....	[d]48.0	+ 6.3	59.2	+ 6.8	66.2	+ 5.1	67.0	- 3.0	76.6	- 1.3	81.8	+ 0.3	79.6	- 0.8	72.8	- 1.4	64.8	+ 2.9	53.8	+ 3.7	48.8	+ 7.0	....	....
St. Charles	[a]43.2	....	49.4	....	60.0	....	66.0	....	67.9	....	76.2	....	80.5	....	79.8	....	74.2	....	64.0	....	56.7	....	[d]51.6	....	64.1	....
Searcy	42.3	+ 1.7	47.8	+ 2.9	59.2	+ 7.0	65.8	+ 4.6	67.6	- 1.4	77.4	- 0.2	82.6	+ 1.2	80.4	- 0.3	72.8	- 1.7	63.8	+ 0.8	54.2	+ 3.3	48.8	+ 6.0	63.6	+ 2.0
Sheridan (near)	42.4	....	48.4	....	58.7	....	65.3	....	65.8	....	74.6	....	78.8	....	77.6	....	71.2	....	63.0	....	55.0	....	50.7	....	62.6	....
Siloam Springs	37.8	....	45.5	....	55.6	....	63.3	....	[a]62.1	....	72.6	....	78.9	....	79.7	....	70.8	....	63.0	....	50.0	....	46.9	....	60.5	....
Stuttgart	43.4	+ 0.6	49.8	+ 4.7	59.4	+ 5.5	66.4	+ 4.1	68.2	- 1.9	77.5	- 0.6	81.6	+ 0.3	79.8	- 1.1	73.8	- 1.4	65.0	+ 1.0	56.3	+ 3.9	50.5	+ 6.5	64.3	+ 1.8
Stuttgart (Evap)	42.3	....	47.3	....	57.7	....	65.2	....	67.8	....	76.8	....	81.0	....	78.7	....	73.3	....	[a]62.7	....	54.6	....	48.4	....	63.0	....
Sublaco	40.0	- 1.4	49.1	+ 5.2	58.0	+ 4.9	64.6	+ 2.7	65.9	- 4.1	75.5	- 2.6	81.4	- 0.9	79.4	- 2.7	72.1	- 3.0	64.5	+ 0.5	52.0	0.0	47.6	+ 4.6	62.5	+ 0.3
Texarkana	43.8	- 2.5	51.1	+ 2.7	60.0	+ 3.8	68.0	+ 3.8	69.3	- 2.1	77.6	- 1.5	81.9	- 0.6	80.9	- 1.4	74.5	- 2.3	66.4	+ 0.6	56.0	+ 0.8	52.1	+ 5.2	65.1	+ 0.5
Turnpike	34.2	....	44.4	....	55.4	....	62.9	....	62.0	....	70.6	....	76.2	....	74.2	....	70.0	....	62.4	....	51.3	....	45.4	....	....	....
Waldron	41.8	....	47.1	....	[b]58.0	....	65.2	....	67.1	....	75.8	....	80.9	....	80.2	....	72.8	....	63.5	....	52.5	....	48.9	....	62.8	....
Warren	44.5	- 0.4	51.2	+ 3.5	61.2	+ 5.2	67.8	+ 4.0	69.9	- 1.7	78.1	- 1.3	82.1	- 0.3	80.2	- 1.7	74.8	- 1.4	66.0	+ 1.1	58.2	+ 4.3	52.8	+ 7.2	65.6	+ 1.6
White Rock	37.2	....	44.2	....	54.0	....	61.4	....	60.8	....	70.5	....	77.5	....	75.9	....	69.9	....	62.2	....	50.4	....	45.3	....	59.1	....
Wilson	40.6	+ 0.2	47.0	+ 3.2	58.0	+ 6.2	63.4	+ 2.4	66.2	- 3.7	76.4	- 1.0	79.9	- 0.9	75.8	- 3.6	70.8	- 2.7	....	....	58.0	+ 7.6	....	....	....	....
Wynne	....	....	....	....	57.1	+ 5.3	....	....	....	....	....	....	....	....	80.1	+ 0.5	....	....	....	....	....	....	....	....	....	....

Departures from the normal temperatures are based on records of 10 years or more. Reference letters a b c appearing in the table indicate number days missing.

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1946

Stations	Jan.			Feb.			Mar.			Apr.			May			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Fort Smith	20.4	4.1	....	20.0	6.5	....	12.5	7.1	....	15.2	5.8	....	20.4	9.6	....	19.0	4.3	....	16.1	....	....	....	....	....	5.9	3.3	....	8.3	1.8	....	17.8	3.7	....	26.6	4.1	....
Van Buren	20.4	4.6	....	20.1	7.3	....	13.3	7.9	....	16.0	7.1	....	21.7	10.5	....	19.7	5.2	....	16.7	4.2	....	6.4	3.1	....	5.9	3.3	....	9.8	2.1	....	19.7	5.0	....	27.9	5.5	....
Danville	24.0	3.6	....	25.0	5.5	....	22.4	5.0	....	23.6	4.6	....	23.3	5.1	....	21.1	3.0	....	6.7	2.4	....	5.3	2.4	....	2.6	2.2	....	2.4	2.1	....	19.3	2.3	....	25.0	4.8	....
Ozark	16.9	1.3	....	16.2	3.6	....	8.0	4.0	....	10.3	3.5	....	17.9	6.6	....	15.0	1.2	....	13.0	-0.8	....	1.8	-1.0	....	1.4	-1.2	....	8.9	-0.4	....	13.2	0.6	....	23.3	1.7	....
Dardanelle	19.7	2.6	....	18.5	5.3	....	11.9	6.4	....	13.2	5.2	....	21.7	10.0	....	17.8	3.4	....	14.0	1.7	....	2.3	0.8	....	3.0	1.1	....	6.2	0.8	....	20.0	2.2	....	26.8	3.7	....
Morrilton	15.2	-2.4	....	14.1	0.4	....	7.3	1.4	....	9.0	-0.6	....	16.9	5.6	....	13.8	-1.6	....	8.6	-3.2	....	-2.5	-4.2	....	-2.3	-4.2	....	0.4	-4.6	....	14.3	-3.2	....	21.1	-1.4	....
Little Rock	16.7	2.0	....	15.1	4.2	....	10.0	4.9	....	10.8	3.6	....	17.3	8.1	....	14.1	2.9	....	9.6	1.3	....	2.3	0.5	....	1.8	0.5	....	3.7	0.4	....	14.4	1.5	....	20.6	2.4	....
Pine Bluff	20.0	3.0	....	16.8	6.2	....	13.0	7.0	....	13.3	5.6	....	20.0	10.9	....	16.8	4.0	....	12.5	2.1	....	3.6	1.0	....	2.7	1.0	....	4.8	0.8	....	16.8	2.4	....	21.7	3.7	....
Gilbert	19.1	4.4	....	23.5	4.7	....	10.6	4.6	....	8.3	4.5	....	25.0	4.7	....	7.9	3.9	....	7.4	3.6	....	4.2	3.6	....	3.8	3.6	....	3.6	3.5	....	17.5	3.5	....	22.6	4.3	....
Black Rock	21.1	3.8	....	23.1	6.4	....	21.6	10.6	....	10.3	6.2	....	23.5	9.4	....	23.6	5.8	....	6.0	3.8	....	12.3	3.3	....	3.8	2.3	....	3.0	2.0	....	11.9	2.3	....	15.9	6.2	....
Forsythe, Mo.	13.7	1.7	....	18.6	2.2	....	7.5	1.7	....	7.8	1.2	....	22.0	3.9	....	8.8	1.0	....	3.4	0.8	....	3.4	0.7	....	0.8	0.7	....	1.2	0.7	....	16.5	0.9	....	19.8	1.5	....
Cotter	15.4	1.8	....	18.4	3.8	....	7.1	4.4	....	6.0	3.0	....	21.6	4.6	....	10.8	2.3	....	5.0	1.6	....	3.1	1.0	....	1.4	0.6	....	1.9	0.6	....	22.0	1.0	....	21.0	4.0	....
Calico Rock	21.8	2.0	....	24.0	4.0	....	11.1	4.4	....	7.8	3.9	....	24.6	4.5	....	15.0	2.4	....	4.3	1.0	....	3.3	1.1	....	2.2	0.5	....	1.6	0.2	....	21.4	1.5	....	24.9	4.6	....
Batesville	27.1	7.0	....	29.2	10.0	....	21.1	10.9	....	14.6	9.5	....	28.2	10.4	....	21.9	8.4	....	10.4	6.4	....	9.2	5.3	....	6.8	4.6	....	8.8	4.2	....	26.4	5.8	....	29.6	10.0	....
Newport	27.1	3.5	....	28.2	8.9	....	21.4	13.7	....	15.0	8.3	....	30.0	13.3	....	28.2	6.3	....	6.0	3.2	....	6.8	2.5	....	2.8	1.1	....	3.8	0.6	....	24.9	1.5	....	28.2	9.5	....
Augusta	33.2	16.1	....	33.4	23.7	....	31.7	28.7	....	28.1	21.8	....	34.9	26.6	....	34.7	19.7	....	19.1	15.0	....	18.9	14.3	....	14.4	12.0	....	14.5	11.2	....	32.4	12.2	....	33.3	23.2	....
Sugar Loaf	27.8	4.8	....	27.6	4.9	....	28.3	4.9	....	10.0	4.7	....	23.8	5.0	....	13.6	3.5	....	4.0	2.7	....	3.5	2.4	....	2.4	2.1	....	7.2	2.1	....	11.4	3.6	....	26.7	4.6	....
Georgetown	24.6	6.8	....	24.9	15.7	....	22.9	20.2	....	19.9	12.4	....	27.2	18.0	....	27.4	10.6	....	9.9	4.9	....	8.1	4.4	....	4.5	2.0	....	4.4	1.2	....	22.0	2.5	....	24.4	14.6	....
Des Arc	27.4	9.4	....	27.8	19.4	....	25.5	23.1	....	23.0	15.4	....	29.8	20.2	....	30.0	13.9	....	13.4	7.4	....	10.1	6.5	....	6.8	4.4	....	6.2	3.5	....	22.9	4.6	....	26.7	17.7	....
Clarendon	29.6	15.9	....	29.4	25.8	....	29.2	27.2	....	27.8	22.7	....	30.5	24.3	....	31.4	22.1	....	21.3	11.8	....	14.3	10.9	....	11.5	8.5	....	10.2	7.7	....	26.2	9.0	....	28.6	24.2	....
St. Charles	28.3	15.5	....	27.8	25.2	....	27.4	25.6	....	26.4	23.2	....	27.7	23.3	....	29.5	23.9	....	23.6	11.7	....	13.6	10.7	....	11.4	8.4	....	9.7	7.5	....	24.5	9.0	....	26.5	23.8	....
Glenwood	12.2	5.4	....	10.4	5.0	....	7.9	5.1	....	18.5	5.2	....	19.4	5.4	....	5.8	4.6	....	4.8	4.5	....	5.8	4.4	....	4.9	4.4	....	5.3	4.5	....	9.0	4.6	....	10.8	4.9	....
Arkadelphia	24.3	4.9	....	21.0	5.2	....	24.0	4.6	....	28.1	4.7	....	26.7	7.5	....	10.8	3.6	....	6.3	3.5	....	6.5	3.5	....	4.2	3.3	....	4.1	3.3	....	17.7	3.8	....	22.1	4.3	....
Boughton	20.4	6.8	....	21.8	7.5	....	19.4	6.3	....	15.2	6.4	....	20.8	7.0	....	11.5	4.4	....	4.6	4.2	....	5.3	4.0	....	4.1	3.6	....	4.9	3.9	....	18.2	4.2	....	18.0	6.0	....
Camden	37.4	12.8	....	35.4	16.6	....	30.2	11.6	....	34.4	12.0	....	36.9	19.0	....	33.5	5.0	....	6.7	4.8	....	7.1	4.3	....	5.6	4.1	....	5.3	4.0	....	29.8	4.7	....	28.7	7.7	....
Benton	23.0	5.8	....	21.4	6.5	....	25.2	5.9	....	23.0	5.7	....	25.4	6.5	....	8.2	3.4	....	5.6	3.7	....	5.2	3.4	....	4.9	3.1	....	4.4	3.2	....	13.1	4.0	....	15.2	5.3	....
Index	15.4	6.8	....	19.5	9.6	....	17.4	9.7	....	15.2	9.8	....	16.6	10.0	....	18.6	7.5	....	10.5	7.6	....	12.4	6.4	....	9.6	5.5	....	7.6	5.6	....	24.0	5.9	....	23.6	9.0	....
Fulton	....	9.6	....	24.6	11.8	....	20.9	10.8	....	19.2	10.9	....	20.7	13.4	....	23.5	8.3	....	10.3	7.3	....	12.4	6.0	....	27.4	10.2	....	8.6	6.3	....	26.8	6.8	....	27.3	10.2	....
St. Francis	19.5	8.6	....	20.7	10.5	....	19.6	12.3	....	13.2	7.6	....	21.5	13.4	....	21.1	7.5	....	10.7	3.7	....	8.8	3.3	....	5.7	2.7	....	4.5	2.3	....	14.0	2.3	....	16.5	8.0	....
St. Francis LL	25.1	20.7	....	24.8	22.8	....	24.8	22.3	....	22.2	19.8	....	21.8	19.9	....	25.1	20.2	....	20.0	18.0	....	19.0	17.0	....	17.7	15.4	....	19.9	13.9	....	21.1	16.8	....	22.0	20.0	....
Marked Tree	12.8	7.9	....	11.5	9.1	....	10.9	8.0	....	9.4	6.8	....	10.6	6.8	....	9.4	4.0	....	6.6	6.0	....	6.6	5.2	....	5.0	2.7	....	5.0	0.8	....	5.5	1.3	....	7.4	2.0	....
Parkin	25.0	9.4	....	21.7	17.1	....	21.1	14.0	....	19.3	8.3	....	22.2	8.2	....	20.9	8.6	....	8.5	6.1	....	6.9	5.2	....	5.1	3.5	....	3.6	1.7	....	6.1	2.6	....	9.6	4.1	....
Madison	....	....	....	26.9	19.8	....	25.8	18.4	....	24.4	9.5	....	23.4	9.0	....	23.9	12.4	....	12.8	4.1	....	5.1	3.3	....	3.1	1.4	....	1.8	0.6	....	8.8	1.4	....	9.0	5.0	....
Helena	44.2	18.7	....	38.7	19.2	....	37.5	27.1	....	36.6	14.9	....	30.7	14.8	....	30.0	18.3	....	27.8	12.2	....	20.7	9.1	....	9.9	5.2	....	11.0	4.6	....	20.2	9.0	....	18.2	8.5	....
Arkansas City	37.3	14.6	....	33.5	21.2	....	33.1	27.2	....	33.2	18.5	....	30.9	17.9	....	30.7	19.6	....	25.5	12.3	....	17.5	7.4	....	10.2	3.7	....	9.5	2.9	....	20.4	7.6	....	19.0	9.8	....

WEATHER BY MONTHS

January was the seventh wettest January since 1891 with 7.50 inches precipitation average for the State. There was very little farming activity during the month due to wet soil. The temperature was practically normal, with 41.0°, only 0.1° below the 56 year average.

February was above the State average in both temperature and precipitation; but no records were set. The temperatures were unusually mild, with 11° being the lowest reached in the State. Farm operations were still retarded by wet soil.

March, like February, continued above normal in both temperature and precipitation, and all vegetation took on rapid growth. Farm operations picked up despite wet soil in the lowlands.

April's precipitation and temperature continued above normal, and agriculture began to show the results of favorable moisture conditions. Some replanting was necessary in many sections due to heavy rains.

May was unfavorable to crop growth with temperatures below normal and rain about twice the 56 year average. Farm work was also slowed by floods at a critical time of the season.

June was deficient in both temperature and precipitation, but it came at a time when it gave farmers a chance to accelerate all farm activities. Streams also had a chance to return to normal flow during the month.

July was practically a normal month, with both the precipitation and temperature slightly above normal. Precipitation was below normal in the northwest section and along the western border; dry weather in these sections curtailed crop yields somewhat.

August was deficient in both temperature and rainfall. The highest 1946 temperature was reported at Booneville, with 109° on the 17th. All crops suffered from lack of rain during the latter part of the month.

September continued with drier and cooler weather than normal. Cotton was retarded by lack of sunshine, and most other crops by lack of rain; even the leaves turned to fall-colors prematurely.

October was about a normal month, with no extremes in either temperature or rainfall. The weather was most favorable to the harvest of crops. Rains, the latter part of the month, delayed fall seeding, but were of great benefit to areas already planted.

November was a month of action: the precipitation set a new November high for the 56 years of record, with 9.09 inches, almost 50% above the previous record in 1934. A small tornado struck in Hempstead County (see storms). Floods occurred in the Ouachita and White River Basins.

December continued November's plan of action: heavy rains over the mountainous sections again sent the Ouachita and White, plus the Arkansas into flood; a tornado travelled 155 miles across the State; fourth warmest December in 56 years, with many high records being set on December 28, just prior to the tornado; lowest 1946 temperature reported as 4° at Turnpike and White Rock.

The departures from normal temperature and precipitation are computed from
averages of the entire period for stations having 10 or more years of record.
T., less than 0.01 inch rain or melted snow. Reference letters ^{a}, ^{b}, ^{c}, appear-
ing in the table indicate number of days missing. § Also on later dates.
†Post-office addresses of these stations as follows: Alum Fork Reservoir, Paron;
Beaty Lake, Forest City; Bethesda, Batesville; Big Lake Outlet, Manila; Bough-
ton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton;
Eleven Point, Rt. 1, Ravendon Springs; Fordyce, Rt. 1, Fordyce; Fort Smith Water Plt.,
Mountainburg; Green Mountain, Calico Rock; Huttig, Felsenthal; Index, Route 5,
Texarkana; Lutherville Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Rt.
3, Morrilton; Mulberry, Rt 1, Mulberry; Nimrod, Ola; Odell, Route 1, Canehill; Rosebud
Route 1, Mount Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Spring-
bank, Doddridge; Stamps, Buckner; Turnpike, Dover; Walnut Grove, Cord; White
Rock, Cass.

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers
Abbott	J. V. Williams	Hot Springs	National Park Service
Alum Fork	L. R. Water Works	Huttig	U. S. Engineers
Aplin	J. C. Lawrence	Index	W. E. McDowell
Arkadelphia	W. H. Halliburton	Jonesboro	Benedictine Sisters
Arkansas City	John W. Trammell	Lake City	Mrs. Tressa St. Clair
Ashdown	Southwest G. & E. Co.	Lead Hill	F. W Kellogg
Augusta	David G. Griffiths	Little Rock	U. S. Weather Bureau
Batesville Airwy	Airway Observer	Lutherville	Mrs. H. G. Lenhardt
BatesvilleLivstk.	Univ. of Arkansas	Madison	J. W. Eppes
Batesville River.	C. M. Barnwell	Magnolia	State Agri, School
Beaty Lake (nr).	L. G. Adamson	Mammoth Spring	L. A. O'Neal
Beaver	H. E. Skelton	Marianna	University of Ark.
Boe Branch	Minnie Scanlan	Marked Tree	Charles Walton
Beech Grove	B. B. Hammond	Marshall	Minnie Walton
Beedeville	B. N. Nance	Marvell	J. D. Lowrie
Benton	Mrs. Etta C. Burks	Melbourne	Fred L. Coger
Bentonville	E. L. Brown	Mena	E. W. St. John
Bethesda	Soil Conservation Ser.	Monticello	Airway Observer
Big Flat	W. C. Norman	Moro Bay(near)	U. S. Engineers
Big Lake Outlet	N. W. Douglas	Morrilton	L. A. Dicus
Black Rock	John H. Ragan	Mountainburg	C. A. Lovell
Blytheville	R. E. Blaylock	Mountain Home	H. N. Halbert
Booneville(near)	F. H. Randolph	Mountain View	Dr. Worthington
Booneville (rvr)	Cleo E. Yandell	Mount Ida	J. S. Whittington
Boughton	Katie B. Moore	Mulberry	H. G. Arvin
Bradford	Marshall Hickmon	Nashville	Brice Carruth
Brinkley	Robert L. Glover	Newport	Willis T. Moyer
Burdette	G. A. Hale	Nimrod Dam	U. S. Engineers
Calico Rock	William Jones	Oark	W. N. Cowan
Camden	John M. Knight	Odell (near)	Mrs Renzo Hurst
Camp Chaffee	U. S. Army	Oden	U. S Forest Service
Carlisle	R. W. Hollis	Okay	Joe T. Hargis
Clarendon	B. F. Northern	Osceola	C. E. Carter
Cold Springs	Margaret Zornes	Ozark	O. O. Milton
Conway	G. Y. Short	Paragould	Jene J. Coffman
Corning	Mrs. Laura Polk	Parkin	Carroll King
Cotter	O. B. McSpadden	Perryville	Gordon A. Bennett
Crossett(near)	U. S. Forest Service	Pine Bluff	Mary T. Scheu
Cummins Farm	T. C. Cogbill	Pine Ridge	J. R. Huddleston
Danville	J. A. Moudy	Pocahontas	Benedictine Sisters
Dardanelle	G. N. Goodier	Portland	Pearl E Newton
De Queen	L. D. McCown	Prescott	R. P. Hamby
Dermott	Kay D. McNeely	Ratcliff	Ola H. Richey
Des Arc	Z. R. Glenn	Red Star	Orvall F. Calloway
Devils Knob	U. S. Forest Service	Rogers	Howard Fowler
Dumas	Ben Johnson	Russellville	U. S. Forest Service
Eagle Gap	Mina C. Rabb	St. Charles	U. S BiologicalSurvey
El Dorado	H. P. Beecroft	St. Francis	W. S. Buckley
Eleven Point	John H. Jackson	Searcy	Arthur D. Smith
England	....	Sheridan (near)	Ellis Moore
Eureka Springs	George W. Nichoalds	Shirley	Maude H. Bradford
Evening Shade	Opha Wolfe	Siloam Springs	John Brown Univ.
Fayetteville	Charles F. Ford	Sparkman	Rachel M. Butler
FayettevilleExp.	Univ. of Arkansas	Stamps (near)	Ark. Forestry Comm.
Fordyce	Ark. Forestry Comm.	Stephens	Ark. Forestry Comm.
Forester	Mary A. Mathews	Steve	T. P. Sims
Fort Smith	U. S. Weather Bureau	Story	S. C. Story
Ft.Smith Wt.P.	R. J. Schoeppe	Stuttgart	George L. Clark
Fulton	Ina J. Logan	Stuttgart Evap.	Univ. of Arkansas
Garland	L. D. Denney	Subiaco	New Subiaco Abbey
Georgetown	J. S. McDonald	Sugar Grove	O. R. Fennell
Gilbert	D. O. Dennis	Sugar Loaf	Santfred Reynolds
Glenwood	C. A. Price	Texarkana	U. S. Weather Bureau
Grannis	W. E. McVay	Tichnor	W. W. Dike
Gravelly	H. L. Frizzell	Turnpike	U. S. Forest Service
Gravette	J. A. Schmidt	Viola	A. F. King
Green Forest	O. B. Wilson	Waldron	William D. Bivins
Green Mountain	U. S. Forest Service	Walnut Grove(near)	A. H. Fast
Greenwood	A. F. Bianchi	Warren	C. N. Turner
Harrison	R. C. Beene	Whitecliffs	L. M. Snead
Helena	James A. Burnett	White Rock	U. S. Forest Service
Henderson	Almo Porter	Wilson	D. O. Anderson
Hope	Univ. of Arkansas	Wynne	....

EXCESSIVE PRECIPITATION FOR 1946

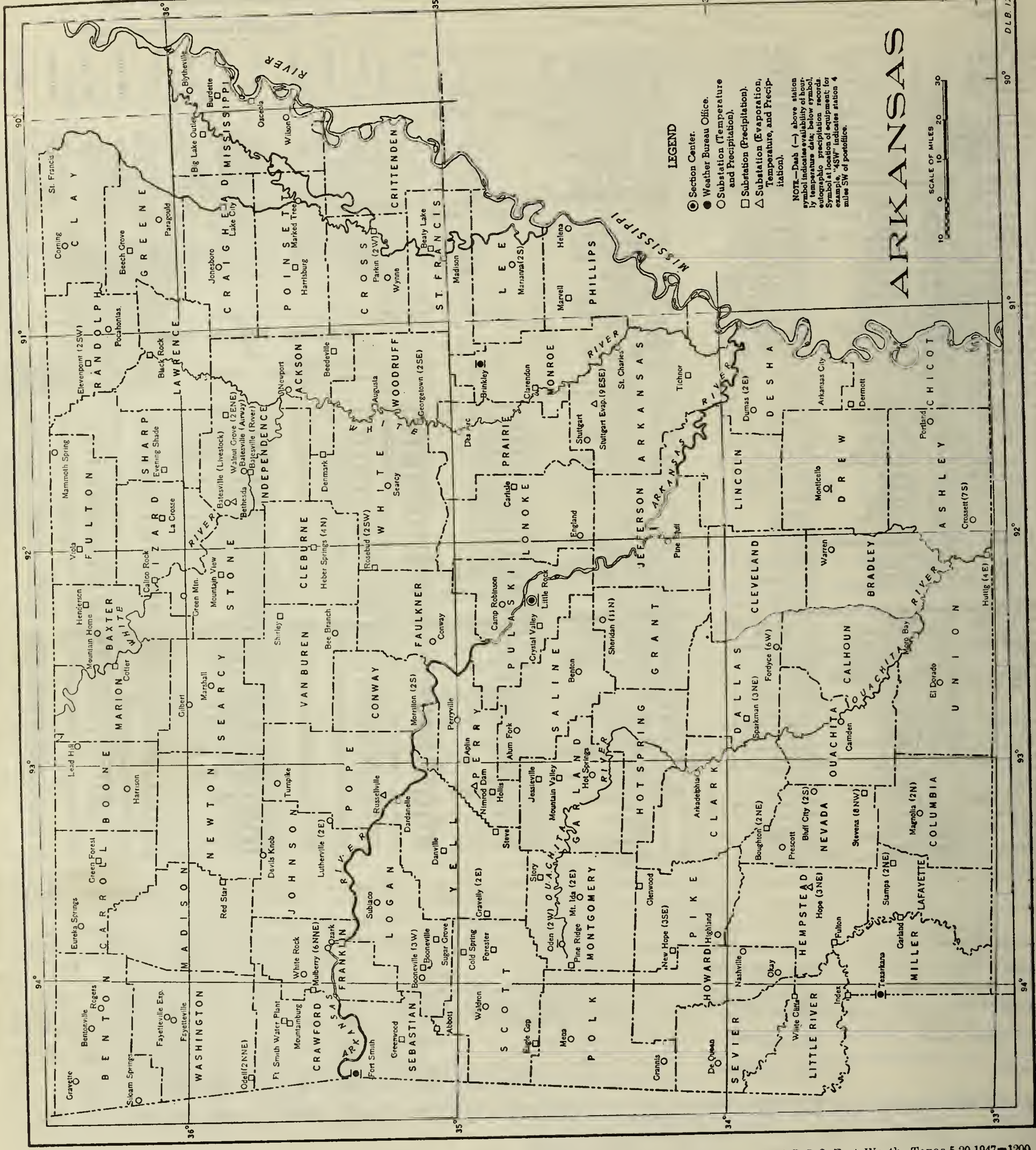
Station and date	Maximum amounts of precipitation										
	5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min.	100 min.	120 min.	150 min.	180 min.
FOR SMITH											
May 2	0.49	0.74	0.93	0.99	1.03	1.08	1.13	1.14	1.15	1.23	1.23
June 14	0.40	0.75	0.88	0.89	0.89	0.89	0.89	1.05	1.05	1.05	1.05
June 30	0.25	0.45	0.78	0.90	0.95	0.98	1.25	1.29	1.73	1.94	1.94
Oct. 17	0.48	0.59	0.59	0.59	0.65	0.65	0.65	0.78	0.78	0.78	0.78
Nov. 2	0.25	0.50	0.81	0.91	1.20	1.40	1.43	1.49	1.49	1.49	1.49
Nov. 9	0 45	0.71	0.83	1.13	1.41	1.94	2.45	2.57	2.58	2.58	2.60
LITTLE ROCK											
Apr. 15	0.34	0.63	0.88	0.92	0.95	0.97	1.01	1.05	1.08	1.16	1.30
May 23	0.29	0.51	0.92	1.34	1.60	1.72	2.47	2.78	2.86	3.03	3.09
June 25	0.49	0 87	1.53	2.07	2.53	2.65	2.67	2.69	2.74	2.83	2.96
July 1	0.25	0.47	0.65	0.69	0.70	0.70	0.70	0.70	0.70	0.70	0.70

KILLING FROSTS, 1946

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Alum Fork Res	Apr. 11	Dec. 3	236	Lead Hill	Mar. 11	Oct. 1	204
Arkadelphia	Mar. 9	Nov. 18	254	LITTLE ROCK	Feb. 28	Dec. 2	277
Ashdown	Mar. 9	Oct. 12	217	Lutherville	Mar. 9	Nov. 17	253
Batesville	Mar. 11	Nov. 27	261	Magnolia	Mar. 9	Nov. 13	249
Batesville Lives	Mar. 11	Nov. 12	246	MammothSpring	Mar. 10	Oct. 12	216
Boe Branch	Mar. 11	Nov. 18	253	Marianna	Mar. 9	Nov. 13	249
Benton	Mar. 11	Oct. 12	215	Marked Tree	Mar. 11	Nov. 13	247
Bentonville	Mar. 11	Nov. 11	245	Marshall	....	Nov. 12	....
Bethesda	Mar. 17	Oct. 2	199	Mena	Mar. 9	Nov. 18	254
Bluff City	Mar. 9	....	....	Monticello	Mar. 9	Dec. 3	269
Blytheville	Mar. 9	Nov. 12	248	Morrilton	Mar. 9	Nov. 17	253
Booneville	Mar. 9	Nov. 11	247	Mountain Home	Mar. 9	Oct. 12	217
Brinkley	Mar. 9	Nov. 27	263	Mount Ida	Mar. 11	Oct. 12	215
Camden	Mar. 9	Nov. 23	259	Nashville	Mar. 9	Nov. 23	259
Camp Chaffee	Mar. 9	Nov. 18	254	Newport	Mar. 11	Nov. 27	261
Camp Robinson	Mar. 9	....	....	Nimrod Dam	Mar. 9	Oct. 12	217
Conway	Mar. 9	Nov. 18	254	Oden	Mar. 9	Oct. 14	219
Corning	Mar. 9	Nov. 18	254	Okay	Mar. 9	Nov. 23	259
Crossett	Mar. 9	Nov. 23	259	Ozark	Mar. 9	Oct. 12	217
Cummins Farm	Mar. 9	Nov. 23	259	Paragould	Feb. 28	Nov. 18	263
Dardanelle	Mar. 9	Nov. 18	254	Perryville	Mar. 9	Oct. 2	207
De Queen	Mar. 9	Nov. 18	254	Pine Bluff	Mar. 9	Dec. 3	269
Des Arc	Mar. 9	Nov. 18	254	Pocahontas	Mar. 9	Nov. 23	259
Devils Knob	Mar. 10	Nov. 18	253	Portland	Mar. 9	Nov. 23	259
Dumas	Mar. 9	Nov. 23	259	Prescott	Mar. 9	Dec. 2	268
El Dorado	Mar. 9	Dec. 3	269	Rogers	Mar. 10	Nov. 11	246
Eureka Springs	Mar. 9	Nov. 11	247	Russellville	Mar. 9	Nov. 18	254
Fayetteville	Mar. 10	Nov. 11	247	St. Charles	Mar. 9	Nov. 23	259
Fayetteville Ex	Mar. 9	Nov. 11	247	Searcy	Mar. 11	Nov. 18	252
Fordyce	Mar. 9	Nov. 23	259	Sheridan	Mar. 9	Dec. 2	268
Fort Smith	Mar. 9	Nov. 18	254	Siloam Springs	Apr. 17	Oct. 12	178
Gilbert	Apr. 13	Oct. 12	182	Stuttgart	Mar. 9	Dec. 2	268
Grannis	Mar. 9	Nov. 18	254	Stuttgart Rice	Mar. 9	Dec. 2	268
Gravette	Mar. 9	Nov. 11	247	Subiaco	Mar. 9	Nov. 17	253
GreenMountain	Mar. 9	Nov. 13	249	Texarkana	Mar. 9	Dec. 3	269
Harrison	Mar. 9	Nov. 11	247	Turnpike	Mar. 10	Nov. 11	246
Helena	Mar. 9	Nov. 13	249	Waldron	Mar. 11	Oct. 12	215
Hope	Mar. 9	Nov. 18	254	Warren	Mar. 9	Nov. 23	259
Hot Springs	Mar. 9	Nov. 18	254	White Rock	Mar. 9	Nov. 17	254
Jonesboro	Mar. 11	Nov. 27	220	Wilson	Mar. 11	Nov. 14	248

In a few instances, no killing frost was reported; then the latest or earliest, date of freezing was used.

STATIOES	DATA	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Bethesda	Total Evaporation	....	....	....	6.631	5.830	7.306	8.538	7.676	4.814	4.360	....	....	....
	Total Wind	2,903	3,253	3,621	1,874	1,508	1,101	1,022	1,203	954	1,112	1,346	1,648	21,545
Hope Exp. Farm	Total Evaporation	1.662	3.004	4.557	5.630	5.274	6.539	7.441	6.802	4.721	4.205	2.173	2.109	54.117
	Total Wind	1,455	1,277	1,671	1,202	1,061	828	762	741	811	810	1,054	1,284	12,956
Nimrod Dam	Total Evaporation	....	....	....	5.736	5.526	7.207	7.355	7.538	4.314	4.908	1.851	....	....
	Total Wind	....	....	....	......	729	589	522	760	487	732	704	805	
Russelville	Total Evaporation	....	2.217	3.392	4.825	5.083	6.838	7.450	6.780	4.550	3.821	1.742	1.407	
	Total Wind	....	763	915	438	441	350	310	307	327	492	467	642	... .
Stutgart Rice Exp. Farm	Total Evaporation	1.912	2.677	3.254	5.596	4.346	5.863	5.933	5.811	4.299	3.596	1.664	1.394	46.345
	Total Wind	2,205	2,120	2,440	1,820	1,550	1,340	635	1,125	770	1.180	1,570	2,095	18,850



W.B.R.P.O.,Fort Worth, Texas-5-20-1947—1200

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

UNIVERSITY OF ILLINOIS

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LII LITTLE ROCK, ARK., JANUARY, 1947 NO. 1

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Two small storms (LOWS) passed over the State; one during the period, 1st through 3d, and the other on the 15th. The weather from these two storms was relatively unimportant, except for general precipitation.

A HIGH was centered southeast of Arkansas during most of the period from 15th to 29th. The circulation on the backside of this HIGH, and from several LOWS over the Southwest resulted in southerly winds giving unseasonably high temperatures over most of the State; with new record highs being recorded on the 29th. At this time, the weather just north of Arkansas was cold and near the seasonal average, and moving southward. Late the afternoon of the 29th, the cold air began to move across the State. This mixing with the unusually warm air over the State created a tornado in north-central Arkansas, which ran on a southwest to northeast path into Missouri (see Tornado.)

Winter grains and soil conditions were good to excellent, although the precipitation was about half of normal. This was due to both sub-soil moisture remaining from the heavy rains of November and December, and well distributed precipitation during the month.

TEMPERATURE

The average temperature over the State was slightly above normal for January with a mean of 42.5°. This mean is 1.5° above the 57 year average. By comparison, January 1947 was a moderate month with very few rapid changes in temperature. The extreme high in the State was 81° at Crossett on the 15th; the lowest was −4° at Gravette on the 4th. All stations in Benton County, and Fayetteville Experiment Station in Washington County reported below zero temperatures on the 4th. No other sub-zero temperatures were reported in the State during the month. Practically all the stations in the State reported their highest temperatures for January on the 29th, just before the tornado in north-central Arkansas.

PRECIPITATION

The January State average of 2.33 inches was only 55% of the 57 year average. A few stations in the southeast corner of Arkansas reported above-normal falls. Portland reported the highest total with 8.58 inches, 3.83 inches above their average. Stations in Central Arkansas reported the greatest deficiencies, with up to more than 3.00 inches below the average. The small amount of precipitation that did fall was well distributed. Hail occurred over north-central Arkansas during the tornado of the 29th.

TORNADO

The combination of the unseasonably warm weather and the incoming cold mass of air on the 29th created a tornado in the vicinity of Calico Rock at about 5:20 p.m. This tornado made its first contact just south of Salem, where it dug a furrow more than a foot deep and several hundred feet long before entering Salem at 5:55 p.m. The tornado destroyed more than half the residential section of Salem, but the people there, being tornado-conscious, were already in their storm cellars. As a result, not one person was killed in Salem, although the homes destroyed totaled 32 and 44 damaged. The total damage in Salem and vicinity was $168,480.00 and 12 people injured. JCH

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	..	2	1	..	..	..	..	..	..	..	1	..	..	2	3	1	1	..	1	..	..	..	..	..	..	..	..	..	32	5	..
High Winds	..	..	3	..	..	..	..	..	..	..	..	..	2	..	1	2	..	..	..	4	2	3	1	..	..	..	1	4	42	33	3
Heavy Fog	..	3	..	..	..	..	..	..	..	..	3	6	8	3	15	..	1	1	4	2	..	..	..	6	27	1	..	2	..	..	..
Sleet	35	18	2	1	..	5	2	..	..	2	..	..	..	..	..	9	5	3	..	..	..	..	..	..	..	..	..	..	..	..	..
Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	16	2	..
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.72	3	29.24	29	7.3	39	w.	29	85	67	71	40	725
Little Rock	30.66	4	29.33	29	8.3	30	s.	29	84	73	71	32	658
Memphis	30.62	4	29.34	29	9.0	38	sw.	29	86	74	77	26	664

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	41.6	71	13	5.34	....	10	10	6	15
1892	31.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	− 5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	− 2	6.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	− 9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	− 5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	− 2	5.19	2.0	6	14	5	12
1907	49.2	82	− 8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3 75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	− 7	2.59	4.3	6	16	6	9
1911	47.6	86	− 9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	− 1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	− 3	4.38	2.3	8	10	6	15
1916	44.3	82	− 6	9.39	0.5	12	8	4	19
1917	44.0	82	− 4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4 39	17.6	8	13	4	14
1919	41.4	75	− 3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48 6	80	15	5 78	0.1	9	14	5	12
1924	36 1	79	− 6	3 19	0.4	7	15	3	13
1925	40.8	76	− 4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	− 1	5.41	0.1	10	14	3	14
1928	42 7	90	−10	2 05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.85	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0 9	6	14	7	10
1936	37.1	83	− 1	1.05	3.5	5	14	7	10
1937	41.9	80	9	12 61	0.7	17	4	3	24
1938	42.5	81	4	6.48	T.	7	14	6	11
1939	45.5	83	12	6.21	0.5	10	14	6	11
1940	28 0	74	−14	1.56	5.9	7	14	6	11
1941	43.6	76	5	3.43	0.3	9	12	7	12
1942	38.1	83	−21	3.20	4 4	7	16	7	8
1943	41.8	87	− 9	1.00	1.2	3	15	8	8
1944	42.2	82	−15	2.50	6.5	6	12	7	12
1945	40.2	80	7	2.37	1 8	8	29	6	13
1946	41.1	78	5	7.50	1.7	12	12	6	16
1947	42.5	81	− 4	2.33	0.9	9	8	6	17
1948									
Period	41.2	90	−28	4.26	2.0	8	12	6	13

NAT. HIST.

Climatological Data for January, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	0	43.5	+ 2.9	74	29	13	4	2.14	−1.44	0.85	2	1.0	8	6	12	13	e.	L. R. Water Works
Arkadelphia	Clark	200	1	43.4	− 0.4	76	29	15	5†	2.79	−1.84	0.72	1	1.0	13	8	3	20	sw.	W. H. Halliburton
Ashdown	Little River	329	3	43.4	......	78	27	7	4	2.68	......	0.65	17	T.	14	7	5	19	nw.	Southwestern G. & E.
Batesville Airway	Independence	363	11	41.2	+ 2.7	74	29	12	4	2.21	......	0.77	2	T.	13	6	5	20	s.	Airway Observer
Batesville Livestk	Independence	500	6	39.4	......	74	29	10	4	0.47	......	0.45	19-20	0.2	2	8	12	11	sw.	University of Arkansas
Bee Branch	Van Buren	650	54	41.6	+ 1.1	71	29†	9	4	0.74	−3.54	0.51	19	0	3	8	7	16	w.	Minnie Scanlan
Benton	Saline	285	11	40.2	+ 0.6	75	29	9	5	3.18	......	0.80	1	1.7	12	9	11	11	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	41	37.0	+ 0.4	72	29	− 3	4	0.68	−1.99	0.37	1-2	1.5	6	8	14	9	sw.	E. L. Brown
Bethesda***	Independence	500	7	39.2	......	73	29	10	4	0.60	......	0.40	19	0	2	7	11	13	nw.	Soil Cons. Service
Black Rock	Lawrence	259	45	....	......	....	....	....	....	1.27	−3.18	0.67	2-3	0	4	....	....	....	......	J. H. Ragan
Blytheville	Mississippi	252	21	....	......	....	....	19	4	2.93	−2.50	1.47	2	T	7	5	6	20	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	32	43.8	+ 2.6	79	29	6	4	0.96	−2.77	0.33	29	0	7	7	11	13	w.	F. H. Randolph
Brinkley	Monroe	205	55	43.2	+ 1.2	74	27	17	4	3.71	−1.49	0.94	20	T.	11	....	....	....	......	Robert L. Glover
Camden	Ouachita	116	61	43.0	− 1.5	77	28†	15	5†	3.81	−1.08	0.98	1-2	0	14	4	6	21	se.	J. M. Knight
Camp Chaffee	Sebastian	419	3	[a]40.6	......	[a]79	29	[a]8	4†	1.21	......	0.36	1-2	1.3	7	7	4	20	sw.	U. S. Army
Clarendon	Monroe	172	42	....	......	....	....	....	....	3.95	−0.72	0.94	1-2	0.5	14	....	....	....	......	B. F. Northern
Conway	Faulkner	309	63	43.6	+ 1.6	77	29	12	4	1.56	−2.85	0.70	1-2	T.	10	6	11	14	sw.	G. Y. Short
Corning	Clay	293	53	41.9	+ 3.9	74	29	16	4	1.75	−2.53	0.46	1-2	1.8	8	8	3	20	sw.	Mrs. Laura Polk
Cotter	Baxter	440	19	....	......	....	....	....	....	1.98	−1.09	0.82	29	2.0	6	....	....	....	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	46.6	+ 1.7	81	15	15	5	6.42	+0.84	1.33	16-17	2.5	13	8	2	21	n.	U. S. Forest Service
Cummins Farm***	Lincoln	176	3	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	T. C. Cogbill
Danville	Yell	327	30	....	......	....	....	....	....	1.12	−2.80	0.32	19	1.4	8	....	....	....	......	J. A. Moudy
Dardanelle	Yell	330	60	44.6	+ 3.4	76	29	13	4†	1.03	−2.53	0.37	1	1.3	8	4	7	20	e.	Geo. N. Goodier
DeQueen	Sevier	426	11	44.3	+ 1.1	76	29	8	4	2.34	−1.38	0.57	15-16	T.	8	9	5	17	......	L. D. McCown
Des Arc	Prairie	204	8	43.4	......	78	14	15	4	2.76	......	0.86	14-15	1.0	9	5	0	26	s.	Z. R. Glenn
Devils Knob***	Johnson	2350	10	[b]38.4	......	[b]68	29	[b]1	4	1.47	......	0.53	2	7.2	11	7	5	19	sw.	U. S. Forest Service
Dumas	Desha	162	41	46.1	+ 1.6	79	15	18	5	3.46	−1.52	1.20	16-17	2.0	12	7	5	19	n.	Ben Johnson
El Dorado	Union	270	46	46.7	+ 0.5	76	27	19	4	3.75	−0.84	1.00	1-2	0	11	5	9	17	s.	Airway Observer
England	Lonoke	229	40	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	46	39.7	+ 1.4	73	29	1	4	1.03	−2.18	0.55	2	1.5	6	15	3	13	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	9	40.0	......	73	29	2	4	0.99	......	0.47	1-2	0.5	7	5	9	17	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	59	38.4	+ 0.4	72	29	− 1	4	1.06	−1.82	0.42	29-30	0.8	8	4	16	11	sw.	University of Arkansas
Fordyce	Dallas	280	6	47.3	+ 2.6	78	14	16	5	4.43	−0.66	1.40	16-17	0.2	14	9	7	15	sw	Ark. Forestry Com.
Fort Smith	Crawford	448	65	41.6	+ 2.1	78	29	7	4	0.46	−2.08	0.17	1-2	T.	7	5	7	19	ne.	U. S. Weather Bureau
Fulton	Hempstead	260	61	....	......	....	....	....	....	2.93	−1.64	0.96	16-17	T.	12	....	....	....	......	Ina J. Logan
Georgetown, 2 mi, se	White	200	34	....	......	....	....	....	....	2.85	−2.47	0.74	1-2	2.0	13	....	....	....	......	J. S. McDonald
Gilbert	Searcy	600	21	37.8	......	76	29	9	5†	1.82	−1.51	0.65	29	2.6	8	6	8	17	sw.	D. O. Dennis
Grannis	Polk	950	27	41.1	− 0.4	73	29	6	3	1.82	−2.92	0.38	19	T.	12	8	4	19	s.	W. E. McVay
Gravette	Benton	1250	49	39.3	+ 2.7	73	29	− 4	4	1.04	−1.65	0.60	5	T.	3	12	5	14	nw.	J. A. Schmidt
Green Mountain***	Stone	1100	9	38.5	......	68	27†	6	4	1.37	......	0.63	1	1.0	3	3	10	18	sw.	U. S. Forest Service
Harrison	Boone	1052	46	39.2	+ 2.4	74	29	4	4†	0.69	−2.30	0.35	7	1.1	4	....	....	....	......	R. C. Beene
Helena	Phillips	300	74	44.0	+ 0.9	74	14	19	4	5.75	+0.27	1.44	1-2	3.0	15	6	0	25	s.	James A. Burnett
Hope 3 miles e	Hempstead	375	76	44.4	− 0.2	76	27†	15	4†	3.23	−1.76	1.05	16-17	T.	16	9	4	18	sw.	Univ. of Arkansas
Hot Springs	Garland	600	54	44.5	+ 1.1	73	29	12	4	2.13	−2.80	0.72	1-2	0.5	12	9	9	13	n.	National Park Service
Jonesboro	Craighead	345	51	42.2	+ 2.0	73	30	15	4	2.12	−2.90	0.84	1-2	0.8	14	7	4	20	sw.	Benedictine Sisters
Lead Hill	Boone	650	40	39.0	+ 2.1	78	29	5	5	0.67	−2.17	0.32	29	0.9	4	13	4	14	nw.	F. W. Kellogg
Little Rock[a]	Pulaski	257	67	43.9	+ 2.5	76	29	14	4	2.14	−2.59	0.85	2	T.	8	4	5	22	sw.	U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	48	42.7	+ 2.7	68	28	6	4	0.78	−3.24	0.30	19-20	0	5	13	2	16	w.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	....	......	....	....	....	....	6.59	+1.36	1.80	1-2	0	12	....	....	....	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	[b]47.5	+ 0.7	[b]79	14†	[b]17	5	2.73	−2.11	0.91	2	0	7	7	6	18	nw.	State Agri. School
Mammoth Spring	Fulton	600	42	39.0	+ 1.5	75	29	9	5†	1.98	−1.66	0.51	29	1.0	7	9	11	11	s.	L. A. O'Neal
Marianna	Lee	235	35	42.6	+ 0.2	74	14	19	5	5.82	+1.13	1.60	1-2	0	12	6	2	23	n.	Univ. of Arkansas
Marked Tree	Poinsett	229	42	40.8	+ 2.1	72	14†	17	4†	4.23	−1.20	1.28	1-2	2.4	13	7	7	17	s.	Chas. Walton
Marshall	Searcy	1050	28	40.2	+ 0.5	73	29	5	4	1.74	......	0.54	29	2.5	6	9	5	17	s.	Mrs. Minnie Horton
Mena	Polk	1207	58	42.7	+ 1.2	73	29	3	4	1.64	−2.31	0.40	20	1.4	13	9	4	18	nw.	E. W. St. John
Monticello	Drew	273	6	45.2	......	79	14	16	5	4.85	......	0.88	17	1.0	15	6	4	21	s.	Airway Observer
Morrilton***	Conway	315	30	41.6	+ 0.9	75	29	12	4	1.63	−2.23	0.48	1-2	1.3	6	10	1	20	sw.	L. A. Dicus
Mountainburg	Crawford	712	9	....	......	....	....	....	....	0.78	......	0.38	1-2	0	5	8	5	18	s.	C. A Lovell
Mountain Home***	Baxter	800	34	40.2	+ 2.3	76	29	5	4	1.03	−1.84	0.40	1-2	1.5	8	11	2	18	nw.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	42.8	+ 1.8	75	29	6	5	1.75	−2.60	0.50	1	T.	9	7	5	19	w.	J. S. Whittington
Nashville	Howard	350	8	45.0	......	76	29	12	4	1.64	......	0.53	17	0	10	8	4	19	sw.	Brice Carruth
Newport	Jackson	231	63	43.5	+ 3.7	74	29	15	4	2.39	−2.56	0.60	1-2	2.5	13	7	2	22	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	5	41.7	......	77	15†	11	4†	1.25	......	0.32	19	1.5	7	11	4	16	nw.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	19	42.3	......	69	29	13	3	1.14	−2.87	0.84	19	T.	4	10	6	15	sw.	U. S. Forest Service
Okay	Howard	288	18	46.6	+ 1.6	77	29	14	4†	2.38	−2.13	0.92	1-2	0	10	12	6	13	nw.	J. T. Hargis
Osceola	Mississippi	250	46	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	C. E. Carter
Ozark	Franklin	396	51	42.0	+ 1.8	78	29	9	4	1.46	−1.58	0.61	1-2	0.2	9	5	10	16	e.	Orkney O. Milton
Paragould	Greene	275	23	....	......	....	....	....	....	1.29	−3.79	0.86	20	0	5	13	13	5	nw.	Jene J. Coffman
Parkin, 2mi. w	Cross	222	16	....	......	....	....	....	....	3.57	−1.59	0.82	1-2	2.0	11	....	....	....	......	Carroll King
Perryville	Perry	325	7	43.2	+ 3.3	75	15	13	4	1.76	−2.64	0.53	1-2	1.5	9	6	16	9	w.	Gordon Bennett
Pine Bluff	Jefferson	215	59	46.3	+ 2.4	77	14†	19	4†	3.56	−1.67	1.36	1-2	T.	13	6	6	19	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	22	....	......	....	....	....	....	1.85	−2.71	0.53	29-30	1.0	10	7	5	19	sw.	J. R. Huddleston
Pocahontas	Randolph	300	53	41.5	+ 2.8	74	29	14	4	1.55	−2.77	0.51	1-2	1.4	6	10	6	15	n.	Benedictine Sisters
Portland	Ashley	122	40	47.2	+ 0.7	79	15	20	4†	8.58	+3.83	1.80	1-2	0	12	9	1	21	n.	Mrs. Pearl Newton
Prescott	Nevada	318	58	46.6	+ 2.1	76	27†	14	4	3.57	−1.17	0.70	16	T.	17	9	3	19	e.	R. P. Hamby
Rogers	Benton	1300	56	39.9	+ 2.8	75	29	− 1	4	1.06	−1.58	0.55	2	2.5	7	7	13	11	sw.	Howard Fowler
Russellville	Pope	526	34	44.0	+ 4.2	76	29	13	4†	1.06	−2.67	0.48	1-2	1.5	5	7	6	18	w.	U. S. Forest Service
St. Charles	Arkansas	175	13	44.6	......	76	14†	18	4†	5.04	......	1.34	1-2	0	14	6	1	24	n.	U. S. Biological Survey
St. Francis	Clay	290	19	....	......	....	....	....	....	2.16	−3.04	0.65	15	1.5	9	....	....	....	......	Wm. S. Buckley
Searcy	White	245	36	43.2	+ 2.6	74	29	15	4	1.46	−3.31	0.30	29-30	1.5	13	6	5	20	sw.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	6	44.9	......	75	29	13	5	3.10	......	0.92	2	0.2	16	6	5	20	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	6	40.2	......	73	29	− 2	4	0.62	......	0.41	1-2	0.6	6	9	13	9	s.	John Brown Univ.
Story	Montgomery	650	22	....	......	....	....	....	....	1.56	−2.31	0.51	1-2	1.0	7	19	5	16	s.	S. C. Story
Stuttgart	Arkansas	214	59	44.8	+ 2.0	75	14†	18	4†	4.04	−1.15	1.00	2	0	13	8	4	19	......	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	11	42.9	+ 1.5	[a]73	14†	19	5	3.13	−2.79	0.58	18	0	14	5	6	20	......	University of Ark.
Subiaco	Logan	750	48	41.8	+ 0.4	75	30	7	4	0.93	−2.54	0.71	29	0.5	3	9	11	11	s.	New Subiaco Abbey
Texarkana	Miller	332	62	45.8	− 0.5	76	27	13	4	2.45	−2.03	1.17	16-17	T.	15	9	0	22	s.	U. S. Weather Bureau
Turnpike***	Pope	2240	22	38.5	......	68	29	1	4	1.73	−2.45	0.52	1-2	1.6	16	8	5	18	sw.	U. S. Forest Service
Waldron	Scott	675	27	42.4	......	76	29	4	4	0.77	−2.97	0.15	19	4.0	5	9	10	12	ne.	William D. Biveus
Warren	Bradley	206	52	46.9	+ 2.0	78	15	18	5	4.28	−0.59	1.28	1-2	T.	10	6	6	19	sw.	C. N. Turner
White Rock***	Franklin	2285	10	38.8	......	67	27†	0	4	0.79	......	0.44	1-2	3.6	6	7	7	17	nw.	U. S. Forest Service
Wilson	Mississippi	237	21	39.8	− 0.6	70	14†	11	2†	4.17	−1.12	1.25	15	T.	6	5	3	23	sw.	D. O. Anderson
Wynne	Cross	167	38	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	Guy B. Upton
State Means	....	....	..	42.5	+ 1.3	81	15	− 4	4	2.33	−1.93	1.80	1-2	0.9	9	8	6	17	sw.	

Daily Precipitation for January, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	.18						T.				.07					T.				.07										.05		0.37
Alum Fork Reser.	Arkansas	.10	.85		T.		T.	T.			T.	T.	T.	.06			.42	.17	T.		.19				T.	T.			.03	T.	.32		2.14
Aplin[2]	Arkansas	.10	.30	.29	.02						.11			T.		T.		.06	T.		.52										.40		1.80
Arkadelphia[2]	Ouachita	.15	.72		T.			T.	T.					.05	.07	.25	.15	.39	.14	.03	.38				.11	.05					.30		2.79
Arkansas City[2]	Mississippi	.85	1.50	.11	T.			.33	.17			.05	.15	.05	.04	.03	.03	1.05	.70	.44	.63				.19	.52	.03				.55		7.42
Ashdown[2]	Red	.25	.40					.06	.01	T.		.06		T.	T.	T.	.01	.65	.10	.21	.18				.04	.05	.01				.65		2.68
Augusta[2]	White	.15	.80	.05		T.		T.				.02	.02	T.	T.	.42	.18	.11	T.		.35				T.	.09					.05		2.24
Batesville Air'y[3]	White	.08	.77	.05	.02			.02				.07	.02	.02	.39	.09				.14	.04									.50			2.21
Batesville Livestk[2]	White	.02			T.							T.				T.	T.				.45	T.								T.			0.47
Batesville River[2]	White	.09	.73	.10				.02					.03	T.		.55					.19										.45		2.16
Beaty Lake	St. Francis	.06	1.05	T.	T.		T.					.10	T.	T.	.03	1.05	.20	.44	.11	.42	.31				.21	.02			T.	T.	.05		4.05
Beaver[2]	White	.02	.47	.04																	.10										.54		1.17
Bee Branch	Arkansas															.19				.51	T.										.04		0.74
Beech Grove[2]	White	1.08	.10		T.			.15						.06		.86	.01				.55										.17		2.98
Beedeville[2]	White																																....
Benton[2]	Saline	.27	.80		T.	T.								.09		.19	.21	.77	.12	.08	.26				.09	.06					.24		3.18
Bentonville[2]	Arkansas	.03	.10	.37	T.							.03						T.			.05										.10		0.68
Bethesda[2]	White											T.				T.	T.				.40										.20		0.60
Big Flat[2]	White	.10	.54	.02	.04			.02									T.				.26										.77		1.75
Big Lake Outlet[2]	St. Francis	.12	.83	.31	T.	T.		.10					.03		.04	.45	.04	.04	.10		.54				.01	T.					.54		3.15
Black Rock[2]	White			.67								T.		T.	.08	.28					.24										T.		1.27
Blytheville[2]	St Francis	T.	1.47		T.			.13							.04	.36	.08	.10													.75		2.93
Booneville 3 mi. w	Arkansas	.12	.31					.05				.05					T.			.10										*	.33		0.96
Booneville[2]	Arkansas	.24	.44	T.	T.							.02				.01	.01				.20										.39		1.31
Boughton[2]	Ouachita	.15	.72			T.										.54		.64	.18		.26				.25						.20		2.94
Bradford[2]	White	.34	1.00	.04				.02				.07			.02	.21	.04	.04	.14		.17					.04					.16		2.29
Brinkley[3]	White	.21	.81	.11	T.		T.	T.			T.	.01	T.		.02	.68	.25	.21	T.		.94			.07	T.						.40		3.71
Burdette	Mississippi	.30	1.37				.11					.03		.03		.38	.19	.15		.09	.44				.12						.89		4.10
Calico Rock[2]	White	.05	.60	T.	T.	.03		.02				.02				.02	.05				.20										.30		1.29
Camden[2]	Ouachita	.31	.98	.02				.02						.04		.02	.01	.82	.61	.19	.28				.08	.15					.28		3.81
Camp Chaffee[2]	Arkansas	.60	.36	T.				.03									T.	.01		.02	.12										.07		1.21
Carlisle[2]	Arkansas	.20	.40													.02	.24	.22		.20	.38												1.66
Clarendon[2]	White	.18	.94	.07								.02	.08	T.	.01	.49	.67	.23	.47		.57				.10	.04					.08		3.95
Clinton[2]	White																																....
Cold Springs[2]	Ouachita		.60	.15	.05													.16			.55				.10								1.61
Conway	Arkansas	.08	.70		T.		T.	.05				.04	T.	T.			.10	.05		.21	.15				T.				T.	.01	.17		1.56
Corning[2]	White	.04	.46	.25				.10				.02				.25					.27										.36		1.75
Cotter[2]	White	.16	.52					.11				T.				T.	.09				.28										.82		1.98
Cove[2]	Red	.22	.62									.07			.17					.14	.46			.12							.18		1.98
Crossett	Ouachita	.92	1.00		T.			.57	.06			.10		.10			.50	1.33	.53	.35					.63	.03					.30		6.42
Crystal Valley(nr)[2]	Arkansas																																....
Cummins Farm	Arkansas																	1.60	.40	.70					.75								....
Danville[2]	Arkansas	.17	.31			.02						.05		.01				.09			.32				T.					T.	.15		1.12
Dardanelle[2]	Arkansas	.16	.37			.02						.04				.04		.03			.23										.14		1.03
De Queen	Red	.25	.40								T.	T.		.26			.57	.18		.35				.03							.30		2.34
Dermott[2]	Mississippi																																....
Des Arc[2]	White	.19	.32			T.						T.				.86	.40	.24	.03		.50				.08						.14		2.76
Devils Knob	Arkansas	.14	.53	.03	.04			.08				.04		.03			.06		T.	.31	.05									.16			1.47
Dumas	Mississippi	.44	.20					.05				.10	T.	T.	.03	.29	.10	1.20	*	.57				.04	.44								3.46
Eagle Gap[2]	Arkansas	.32	.40	.01								.02		.04	.02			.08		T.	.30				.05					T.	.06		1.30
El Dorado	Ouachita	.50	1.00					.03	T.		T.					.23	.21	.43		.89				.02	.32	.02					.10		3.75
Eleven Point[2]	White	.20	.75	.40								T.	T.	T.	T.	.10	.60				.31									.16			2.52
England	Arkansas																																....
Eureka Springs	White	.03	.55	.05				.05												.17										.18			1.03
Evening Shade[2]	White		.70	T.	T.			T.				T.		T.		.14	T.			T.	.33										.68		1.85
Fayetteville	White	.09	.39	.01	T.	T.	T.	.03				T.					T.			.14	.01									.32	T.		0.99
Fayetteville Exp. S	White	T.	.24	.18	T.	T.	T.	.04				.04					T.			.13	.01									.02	.40		1.06
Fordyce	Arkansas	.02	1.28	T.			.04	.02				.05				T.	.07	1.40	T.	.42	.04				.75	.03	.02		.03		.26		4.43
Forester[2]	Arkansas	.31									T.						T.	T.	T.						T.						.95		1.26
Fort Smith[1]	Arkansas	.09	.08	T.			.05					T.				.02	.01		T.	.15										.06			0.46
Fort Smith W. Plant[2]	Arkansas	.05	.35					T.				.02								.16											.08		0.66
Fulton[2]	Red	.13	.60	T.	T.	T.		.05				.03	T.	T.	.03	.03	T.	.96	.16	.25	.14				.17	T.					.38		2.93
Garland[2]	Red	.11	1.03					T.								.22		1.04	.40	.30	.26				.20	T.							3.56
Georgetown[2]	White	.17	.74	.23				.06				.04	.02	T.	.03	.63	.29	.20		.35					.03	.06							2.85
Gilbert[2]	White	.25	.31	.23	T.	T.		T.				.05				.01	.02	T.			.30										.65		1.82
Glenwood[2]	Ouachita	.25	.38			T.		.04	T.			.05		.06		.04	.40	.27	.04	.27	.30			.05		.07					.22		2.44
Grannis[2]	Red	.35	.04				.08				.07	T.	.13	.04	T.	.16	.22	T.	T.		.38				.07	.02	T.			T.	.26		1.82
Gravelly[2]	Arkansas	.15	.40		T.			T.				.06				.02	T.	.09		T.	.29				.03						.86		1.90
Gravette	Arkansas		T.			.60														.13										.31			1.04
Greenbrier[2]	Arkansas																																....
Green Forest	White																																....
Green Mountain	White	.63																			.44									.30			1.37
Greenwood[2]	Arkansas						T.						.01	.64				.54	.22		.59			T.									2.00
Harrison	White		.11					.35																						.15	.08		0.69
Helena[2]	Mississippi	.96	1.44	.23	T.			.02	.02			T.	.26	.02	T.	.09	.08	.28	.75		.65				.17	.61					.17		5.75
Henderson[2]	White	.30	.02	.04	T.			T.								.01					.30										.21		0.88
Hope[2]	Red	.17	.72	.03	T.			.03				.01		.01	.01	.28	.02	.82	.23	.21	.17				.20	.04	T.				.28		3.23
Horatio[2]	Red	.18	.41					.03				.11		.03			.43	.46	.03		.40										.11		2.19
Hot Springs	Ouachita	.07	.65	T.	T.			T.				.04		.06		.01	.34	.21	T.	.46	.05				.11				.01	T.	.12		2.13
Huntsville[2]	White																																....
Huttig Lock 7, Dam 6[2]	Ouachita	1.06	.68					.23	.11	.04		T.	.04		.02		.03	1.42	.44	.50	.52				.16	.56					.06		5.87
Index[2]	Red	.10	.20	T.	T.	T.						.10		T.	.05		.10	.40	.10	.40	.53										.05		2.03
Jonesboro[2]	White	.06	.84	.08		T.		.05				T.	.08	.02	.01	.37	.09	.01	.05		.34				.02						.10		2.12
Judsonia[2]	White																																....
Lake City[2]	St. Francis				.05							.25			.20					.25											T.		0.75
Lead Hill	White	.10																		.20	.05									.32			0.67
Little Rock[1]	Arkansas	T.	.85	T.	T.		T.	T.				.02	T.	T.	T.	.08	.68	.10	T.	.23	T.			T.	.06	T.			T.	.12	T.		2.14
Lock & Dam No. 3[2]	White	.03	.68	.06		T.		.02				T.				.08					.37										.52		1.76
Lurton[2]	White	.23	.05	.08				.27									.06	.03			.30										.50		1.52
Lutherville	Arkansas	.13	.20					.05													.30										.10		0.78
Madison[2]	St. Francis	.90	1.80	T.								T.	.05		.05	1.80	.10	.25	.50		.70				.20	.04					.20		6.59
Magnolia	Red		.91					.09				.03					.63	.87		.05						.15							2.73
Mammoth Spg[2]	White	.10	.50	.45											.01		.12				.29										.51		1.98
Marianna[2]	St. Francis	.20	1.60	.27				T.			T.		.22	T.	T.	.35	.87	.38	.59	T.	.67				.17	.24					.26		5.82
Marked Tree[2]	St. Francis	.13	1.28	.17				T.					.05	T.	.02	.97	.38	.10	.15		.43				.09	.04					.42		4.23
Marshall[2]	White	.24	.40	T.	T.												.12			.05	.39										.54		1.74
Marvell[2]	White																																....
Melbourne[2]	White	.40	.45												.04		.06														.38		1.33
Mena[2]	Ouachita	.21	.35	.12	.02			.01				.05	.01	.01	T.	T.	T.	.07	T.	T.	.40				.09	.02				T	.28		1.64
Monticello[1]	Ouachita	.23	.87		T.		T.	.15				.10		.04	.03	T.	.66	.88	.28	.59	.04			.02	.81					.10	.05		4.85
Morobay[2]	Ouachita	.50	1.53					.33	.06				.12					1.26	.29	.63	.38				.08	.26					.08		5.52
Morrilton[2]	Arkansas	.10	.48	T.		T.		.06				T.		T.	T.	.05		T.			.47										.47		1.63
Mountainburg	Arkansas	.03	.38					.07				T.		T.		T.				.20										T.	.10		0.78
Mountain Home	White	.15	.40				.08							T.			.05			.15	.10									.05	.05		1.03
Mountain View[2]	White	.08	.64	.10	T.	T.						.04	.02	T.	.09	T.	T.			T.	.18								T.	T.	.83		1.98

Daily Precipitation for January, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	.50	....	.03	T.	....	....	....	....	....	....	....	....	.06	....	.04	.23	.08	....	.31	....	....	....	....	.03	....	....	....	....	....	.47	....	1.75
Mulberry[2]	Arkansas	.13	.32	.09	....	....	....	T.	....	....	....	T.	....	....	....	....	T.	T.	....	T.	.17	....	....	....	....	....	....	....	....	....	.16	....	0.87
Nashville	Red	T.	.41	....	T.	....	T.	.05	....	....	.02	.04	....	.03	....	T.	.02	.53	....	.44	....	....	....	....	....	....	....	....	.03	....	.07	....	1.64
Newport[2]	White	.40	.60	.55	T.	....	....	.02	....	....	....	....	.05	.03	.02	.13	.06	.04	.10	....	.23	....	....	....	....	....	....	....	....	....	.16	....	2.39
Nimrod Dam[2]	Arkansas	.15	.30	T.	T.	....	....	T.	....	....	....	.05	....	....	....	.05	....	.08	....	....	.32	....	....	....	T.	....	....	....	....	....	.30	....	1.25
Oark[2]	Arkansas	.22	.40	T.	....	....	....	T.	....	....	....	....	....	....	....	....	T.	....	....	....	.50	....	....	....	....	....	....	....	....	....	.30	....	1.42
Odell[2]	Arkansas	.08	.41	.04	....	....	....	.06	....	....	....	.01	....	....	....	....	....	....	....	.02	.15	....	....	....	....	....	....	....	....	....	.06	....	0.83
Oden	Ouachita	T.	T.	.03	....	....	....	....	....	....	....	....	....	....	....	T.	T.	T.	T.	.84	.02	....	....	....	T.	....	....	....	....	....	.25	....	1.14
Okay	Red	.10	.92	....	....	....	....	.10	T.	....	....	.05	....	T.	....	.07	.03	.63	.05	....	....	....	....	.08	....	....	....	....	....	....	.35	....	2.38
Osceola[2]	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ozark[2]	Arkansas	.23	.61	.10	....	....	....	.03	....	....	....	T.	....	.03	....	....	.05	....	....	.05	.18	....	....	....	....	....	....	....	....	....	.18	....	1.46
Paragould	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.29	.01	....	....	.86	.01	....	....	....	....	....	....	.12	....	....	....	1.29
Parkin[2]	St. Francis	.15	.82	.17	....	....	....	....	....	....	....	....	....	....	.24	.35	.25	.15	.26	....	.80	....	....	....	.19	....	....	....	....	....	.19	....	3.57
Parthenon[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville[2]	Arkansas	.15	.53	T.	T.	T.	....	.16	....	....	....	.03	....	....	....	.02	....	.07	.07	....	.39	....	....	....	....	....	....	....	....	....	.34	....	1.76
Pine Bluff[2]	Arkansas	.28	1.36	T.	....	T.	....	.01	....	....	....	.02	.03	T.	T.	.03	....	.69	.41	.02	.38	....	....	....	.14	.13	....	....	....	....	.06	....	3.56
Pine Ridge[2]	Ouachita	.20	.41	....	....	....	....	.13	....	....	....	.08	T.	.04	....	....	.04	.18	....	....	.22	....	....	....	.02	....	....	....	....	....	.53	....	1.85
Pocahontas	White	.14	.51	T.	T.	....	....	.35	....	....	....	....	....	....	....	.15	....	....	....	....	.26	....	....	....	....	....	....	....	....	....	.14	....	1.55
Portland[2]	Ouachita	1.17	1.80	....	....	....	....	.25	.15	.15	....	T.	....	....	....	.35	....	1.65	.65	.80	.30	....	....	....	....	.60	....	....	....	....	.71	....	8.58
Prescott[2]	Ouachita	.30	.40	....	....	.02	....	.20	....	....	....	.02	.01	.04	.20	.32	.10	.70	.07	.10	.60	....	....	....	.24	.05	....	....	T.	....	.20	....	3.57
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Star	White	.47	.03	.05	....	....	.10	....	....	....	.04	....	.05	T.	....	....	....	....	....	....	.24	....	....	....	....	....	....	....	....	....	.40	....	1.38
Rogers	White	.10	.55	.05	....	....	....	.17	....	....	....	.06	....	....	....	....	T.	....	....	.03	....	....	....	....	....	....	....	....	....	.10	T.	....	1.06
Russellville	Arkansas	T.	.48	....	.26	....	....	....	....	....	....	....	....	....	....	T.	.04	....	.25	....	....	....	....	....	....	....	....	....	....	.03	....	....	1.06
St. Charles[2]	White	.60	1.34	T.	....	....	....	....	....	....	....	.08	.09	....	....	.41	.06	.68	.39	.03	.70	....	....	....	.30	.32	.02	....	T.	....	.02	....	5.04
St. Francis[2]	St. Francis	.10	.40	.10	....	....	....	.10	....	....	....	....	....	.08	....	.60	.05	....	....	....	.63	....	....	....	....	....	....	....	....	....	.10	....	2.16
Searcy[2]	White	.15	....	....	....	....	....	.03	....	....	....	.09	.02	.03	.02	.17	.12	.13	.05	....	.28	....	....	....	....	.07	....	....	....	T.	.30	....	1.46
Sheridan	Ouachita	.09	.92	....	08	....	T.	.02	....	....	....	.06	....	.02	.01	.52	.60	.15	.03	.18	....	....	....	T.	.11	.08	....	....	.03	T.	.20	....	3.10
Shirley[2]	White	.20	.77	T.	....	T.	....	T.	....	....	....	....	T.	....	....	....	....	....	....	....	.32	....	....	....	....	....	....	....	....	....	.90	....	2.19
Siloam Springs	White	T.	.41	....	....	....	....	.04	....	....	....	.08	....	....	....	....	T.	....	....	.03	.02	....	....	....	T.	T.	....	....	....	.04	....	....	0.62
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	.20	.40	.10	....	....	....	.75	....	....	.03	.01	....	....	....	.02	1.12	.41	.53	....	....	....	....	....	.25	.05	....	....	....	.20	....	....	4.07
Steve[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Story[2]	Ouachita	.18	.40	.11	.07	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	.34	....	....	....	....	....	....	....	....	....	.36	....	1.56
Stuttgart[2]	Arkansas	.45	*	1.00	....	....	....	....	....	....	....	*	.13	....	....	.39	.30	.41	.42	.26	.24	....	....	....	.31	....	....	....	....	....	.13	....	4.04
Stuttgart Evap[2]	Arkansas	....	....	.31	....	....	....	....	.01	....	....	.03	.10	.01	....	.40	.10	.47	.58	T.	.52	....	....	....	.28	.18	....	....	....	.01	.13	....	3.13
Sublaco[2]	Arkansas	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	.17	....	....	....	....	....	....	....	....	....	.71	....	0.93
Sugar Grove[2]	Arkansas	.40	.32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.08	....	....	.37	....	....	....	....	....	....	....	....	....	....	....	1.17
Sugar Loaf Mt[2]	White	.05	.84	.09	....	....	....	.15	....	....	....	....	....	.03	.02	.59	....	.05	.01	....	.19	....	....	....	....	....	....	....	....	....	.18	....	2.20
Texarkana[3]	Red	.26	.28	....	T.	....	.02	.02	....	....	.04	.02	T.	.01	T.	.01	.56	.67	.01	.31	....	....	....	T.	.17	.01	....	....	T	.06	....	....	2.45
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	.14	.52	.03	.04	....	....	.08	....	....	....	.05	.03	.10	.04	.09	T.	....	....	.26	.12	....	....	....	.02	.02	....	....	....	.10	.09	....	1.73
Viola[2]	White	.10	....	.10	....	....	....	1.80	....	....	....	....	....	....	....	....	....	....	....	....	.45	....	....	....	....	....	....	....	....	....	1.40	....	3.85
Waldron[2]	Arkansas	.40	....	....	....	....	....	....	....	....	....	.08	....	....	....	....	....	.04	....	....	.15	....	....	....	....	....	....	....	....	....	.10	....	0.77
Walnut Grove	White	.25	T.	.70	T.	....	....	.04	....	....	....	T.	T.	....	....	.73	T.	....	....	.15	.26	....	....	....	....	....	....	....	....	....	....	....	2.13
Warren	Ouachita	.10	1.28	T.	T.	....	....	.05	T.	....	....	....	T.	T.	....	.15	.15	1.26	.12	.60	T.	....	....	T.	.47	....	....	....	....	....	.10	....	4.28
Whitecliffs[2]	Red	.05	.35	....	....	....	....	T.	....	....	....	.10	....	T.	....	....	T.	.62	.70	.45	....	....	....	....	.12	....	....	....	....	....	.15	....	2.54
White Rock	Arkansas	....	.44	.10	....	....	....	.05	....	....	....	.10	....	....	....	....	....	....	....	.05	....	....	....	....	....	....	....	....	....	.05	T.	....	0.79
Wilson[2]	Mississippi	....	.85	....	....	....	....	....	....	....	....	....	....	....	....	1.25	.45	....	....	....	1.05	....	....	....	.25	.32	....	....	....	....	....	....	4.17
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Yellville[2]	White	.12	.52	.14	....	T.	T.	T.	....	....	....	.05	T.	T.	T.	T.	T.	T.	....	....	.24	....	....	....	....	....	....	....	....	....	.44	....	1.51

Daily Evaporation (inches), and Wind Movement (miles) for January, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	39	39	77	106	2	67	57	40	29	32	36	47	52	88	25	75	73	28	22	25	98	60	48	65	49	75	38	46	89	182	71	1,780
Hope Exp. Farm	Evap.	....	....	....	....	....	....	....	.060	.036	.037	.003	.028	-006	.000	.102	.051	*	.100	*	.067	*	*	.305	.009	.024	.063	.096	.103	.055	.233	....	1.841
	Wind move	68	*	108	67	24	37	12	17	21	17	19	18	29	*	83	44	*	155	*	98	71	28	80	61	8	39	22	54	52	141	93	1,466
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	5	2	95	62	14	21	9	9	6	3	2	1	7	49	2	34	8	2	3	5	56	35	32	22	7	3	4	29	16	187	132	862
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	12	8	87	33	15	7	12	8	7	7	11	28	36	23	13	26	22	13	8	42	32	14	13	20	11	9	10	34	41	141	33	776
Stuttgart Rice Exp. Farm	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	105	40	70	70	40	20	30	30	10	10	25	15	70	110	5	95	90	75	60	65	15	95	80	110	40	25	45	60	125	190	115	1,935
Norfolk Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily Temperatures for January, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	30	34	34	30	39	39	57	54	52	49	45	48	58	67	70	65	38	48	44	50	50	60	60	55	65	62	69	59	74	72	53	52.6
	Minimum	22	28	19	13	14	22	32	36	38	27	38	40	40	57	50	38	33	35	37	40	28	20	38	44	47	45	38	44	47	35	22	34.4
Arkadelphia /	Maximum	35	38	31	29	42	38	53	51	54	46	47	51	63	74	74	52	39	48	43	56	53	61	59	57	68	70	75	60	76	52	58	53.3
	Minimum	25	25	23	17	15	15	22	37	37	28	29	41	43	48	56	51	34	33	38	39	27	22	22	39	51	34	33	39	51	41	22	33.5
Ashdown /	Maximum	34	36	31	32	39	41	51	51	55	48	47	53	64	72	72	51	41	48	44	57	54	62	62	63	68	69	78	72	77	50	59	54.2
	Minimum	26	27	18	7	11	14	26	33	34	30	34	39	43	51	53	49	34	34	32	32	22	22	29	47	48	31	32	44	52	37	22	32.7
Batesville Air	Maximum	30	35	35	24	38	36	51	56	47	56	50	47	60	68	59	58	40	49	43	52	40	57	56	55	57	64	69	56	74	45	48	50.2
	Minimum	22	25	16	12	18	21	32	29	28	25	37	34	43	52	47	36	34	34	36	27	21	20	41	50	48	34	43	41	41	28	22	32.2
Batesville, Livestk /	Maximum	33	32	20	24	37	38	53	55	46	54	50	46	62	67	59	41	39	49	43	51	43	57	47	57	55	64	71	64	74	44	49	49.2
	Minimum	20	21	15	10	13	15	21	32	35	26	36	27	37	44	46	40	33	82	36	36	25	10	16	37	41	36	43	41	41	35	17	29.6
Bee Branch	Maximum	33	35	34	30	35	35	51	57	51	54	50	46	53	67	62	60	88	48	46	49	42	54	57	57	56	63	68	67	71	71	48	51.2
	Minimum	21	28	14	9	15	19	29	34	31	22	36	36	43	52	48	36	34	86	37	37	26	18	28	49	49	30	35	43	46	32	17	31.9
Benton /	Maximum	33	32	23	29	39	42	50	52	53	47	48	50	63	72	70	47	40	48	43	55	48	59	58	54	66	66	71	64	75	47	55	51.6
	Minimum	21	22	19	12	9	13	18	24	30	20	23	32	40	44	51	44	32	31	35	36	18	16	26	43	48	27	30	30	43	36	17	28.7
Bentonville /	Maximum	36	35	15	20	31	35	48	52	50	55	47	50	61	55	60	37	40	50	45	49	40	57	61	66	62	60	62	61	72	36	53	48.4
	Minimum	14	17	3	−3	0	6	19	24	24	24	28	36	38	49	40	28	26	27	30	31	22	24	32	45	36	28	29	37	39	24	17	25.6
Bethesda	Maximum	32	34	20	24	39	36	52	53	46	55	50	46	63	67	60	42	40	49	43	50	49	57	47	57	55	65	68	66	73	44	49	49.4
	Minimum	19	23	15	10	17	15	23	29	31	21	35	27	35	43	45	39	32	32	34	37	22	15	16	37	41	36	40	39	42	34	16	29.0
Blytheville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	22	30	27	19	20	25	35	30	33	27	33	44	44	58	48	44	35	42	44	35	29	22	35	45	52	41	40	41	55	41	26	36.2
Booneville	Maximum	33	35	35	29	39	38	55	56	53	54	50	52	66	66	74	65	42	48	47	48	48	62	58	67	68	71	74	66	79	67	58	54.9
	Minimum	23	30	14	6	7	20	31	27	30	26	40	42	47	57	44	38	36	37	36	29	23	22	31	51	41	30	48	46	49	32	20	32.7
Brinkley	Maximum	32	34	28	38	39	48	49	51	51	52	39	51	60	64	60	66	52	45	46	53	44	56	60	55	67	67	74	62	74	74	53	53.0
	Minimum	21	22	27	17	18	20	32	33	28	25	27	27	34	35	45	50	34	85	39	40	25	24	38	47	49	38	45	45	53	40	25	33.5
Camden	Maximum	28	33	36	32	28	41	41	47	47	52	47	44	51	66	76	76	57	39	45	45	58	52	60	59	59	67	69	77	73	77	50	52.6
	Minimum	22	24	22	16	15	15	23	36	34	28	29	38	42	41	54	54	35	34	36	36	22	22	24	44	49	33	33	47	55	44	33	33.5
Conway	Maximum	31	37	35	31	38	37	54	50	51	54	49	49	57	71	71	66	41	50	46	53	47	63	58	59	62	68	72	62	77	73	54	53.7
	Minimum	23	29	20	12	13	31	30	29	32	25	38	34	44	53	54	38	34	37	39	35	23	22	32	50	48	32	39	44	43	34	20	33.5
Corning	Maximum	29	33	33	33	35	36	48	51	47	53	48	45	55	67	66	51	42	49	48	49	41	52	58	57	57	62	70	61	74	72	45	50.5
	Minimum	21	28	19	16	20	20	32	28	28	25	35	39	44	55	44	41	33	31	36	39	27	20	37	48	50	33	39	39	47	36	22	33.3
Crossett	Maximum	31	36	35	28	42	51	45	45	53	48	45	50	61	79	81	70	49	48	47	56	58	62	56	57	67	70	74	75	77	75	57	55.7
	Minimum	27	30	27	20	15	21	34	40	36	26	33	43	47	57	59	44	44	37	36	38	24	22	34	48	54	41	39	55	60	50	26	37.6
Cummins Farm	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	43	54	44	40	54	54	55	54	62	60	69	64	73	69	68	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dardanelle	Maximum	32	36	36	27	38	38	53	55	53	58	52	50	61	69	71	68	43	50	50	50	48	62	61	65	62	68	72	68	76	73	53	54.8
	Minimum	25	30	18	13	13	23	32	29	33	25	40	42	45	58	49	40	36	38	40	35	26	24	36	51	46	32	41	44	47	33	22	34.4
De Queen	Maximum	33	36	35	33	37	38	53	50	53	47	46	50	59	66	66	62	41	49	46	54	52	59	59	65	65	68	73	69	76	72	57	53.8
	Minimum	26	30	14	8	11	22	31	33	37	29	37	42	49	57	47	37	35	39	38	30	21	23	38	53	52	32	43	48	62	35	21	34.8
Des Arc	Maximum	30	35	36	28	34	38	48	50	52	48	50	49	58	78	68	64	43	45	46	49	49	57	59	57	61	65	72	72	74	72	51	52.8
	Minimum	21	27	21	15	22	17	33	35	33	24	36	37	42	56	48	40	33	35	35	39	25	23	34	46	49	35	39	44	48	38	23	34.0
Devils Knob	Maximum	29	31	30	24	26	29	45	51	....	....	47	40	51	55	58	55	39	45	41	40	39	52	48	60	55	61	66	58	68	60	45	b46.5
	Minimum	16	25	7	1	11	12	26	32	....	....	33	35	40	49	51	30	27	30	33	31	23	28	40	46	44	38	44	38	47	23	18	b30.3
Dumas	Maximum	30	34	34	26	37	38	43	45	50	47	45	50	63	78	79	68	62	42	47	61	51	60	58	55	66	66	70	70	77	76	57	54.4
	Minimum	27	30	23	20	18	20	35	35	37	27	38	42	44	52	62	41	36	34	37	39	28	25	38	48	51	40	55	57	61	45	28	37.8
El Dorado	Maximum	30	35	30	25	39	41	45	45	49	45	47	50	65	75	75	64	43	44	45	56	52	59	58	59	67	67	76	75	75	66	57	53.5
	Minimum	25	30	25	19	21	25	39	40	40	32	40	44	50	65	64	43	37	39	41	37	28	26	46	51	51	41	48	56	66	40	27	39.9
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	30	31	27	19	27	35	44	50	47	52	45	49	60	59	61	58	38	49	44	45	35	55	58	64	60	64	66	61	73	58	53	48.9
	Minimum	17	18	7	1	8	19	32	30	30	35	30	38	36	48	42	30	20	30	39	33	24	25	44	49	46	34	48	40	52	25	17	30.5
Fayetteville	Maximum	32	33	26	20	30	37	47	49	47	51	44	47	60	58	61	55	39	50	46	40	39	56	55	64	61	64	66	60	73	58	53	49.1
	Minimum	18	25	5	2	6	18	32	27	28	31	37	39	41	50	39	30	29	32	38	31	25	27	43	50	40	30	49	41	54	26	19	31.0
Fayetteville Exp. S.	Maximum	30	31	25	19	29	36	45	48	47	50	49	45	59	57	60	49	39	48	46	38	38	55	55	65	63	64	65	59	72	68	50	48.5
	Minimum	15	25	4	−1	1	16	29	23	24	28	34	36	38	49	36	27	26	28	36	31	22	24	41	48	39	29	45	36	51	23	16	28.4
Fordyce	Maximum	31	36	45	30	41	44	46	47	53	52	50	50	65	78	75	73	44	44	45	58	53	61	60	58	66	70	76	74	76	75	59	56.0
	Minimum	24	29	24	18	16	22	35	37	39	32	38	42	46	59	60	42	35	36	38	37	26	30	46	50	53	40	46	55	63	41	38	38.6
Fort Smith	Maximum	33	35	22	25	33	38	48	49	48	51	52	55	67	62	67	52	43	48	44	46	46	59	57	66	64	68	69	57	78	53	60	51.5
	Minimum	24	22	9	7	9	21	28	28	30	28	38	42	48	47	44	35	34	36	38	28	24	25	35	45	42	34	43	44	50	26	21	31.8
Gilbert /	Maximum	33	34	18	22	36	39	51	56	47	56	51	47	64	66	67	40	43	48	46	50	40	60	58	68	67	69	72	62	76	40	53	50.9
	Minimum	19	21	13	6	9	9	11	26	23	18	19	37	41	46	39	37	31	28	31	29	16	14	14	39	37	23	25	28	34	32	15	24.8
Grannis /	Maximum	34	34	24	30	36	41	56	54	54	44	43	50	60	63	62	40	40	49	44	51	48	57	57	59	60	67	70	67	73	45	55	50.5
	Minimum	27	11	6	11	20	24	32	37	30	33	37	40	40	48	38	32	34	38	34	24	25	27	39	51	35	39	45	47	32	21	26	31.7
Gravette	Maximum	36	34	26	18	30	37	45	48	50	52	45	55	62	58	58	57	55	50	47	44	42	55	57	65	63	64	66	61	73	60	52	50.5
	Minimum	17	24	2	−4	0	13	25	24	23	30	35	38	44	45	43	30	27	30	35	30	23	23	40	45	35	26	44	38	47	23	15	28.1
Green Mountain	Maximum	30	28	20	28	30	38	45	50	45	45	50	45	50	55	55	50	45	50	50	55	50	50	60	56	60	58	68	65	68	60	41	48.4
	Minimum	12	8	10	6	12	15	30	32	31	34	34	32	34	32	36	28	30	31	34	31	26	25	40	36	38	34	40	42	44	31	18	28.6
Harrison	Maximum	30	32	33	19	32	37	46	50	44	54	48	47	58	57	65	62	40	45	42	48	34	56	58	65	61	65	65	60	74	62	50	49.6
	Minimum	19	26	8	4	4	15	28	26	27	23	33	39	44	52	39	32	29	25	38	33	23	18	34	42	35	36	36	30	54	28	12	28.8
Helena	Maximum	30	34	34	26	34	36	41	46	47	47	45	46	62	74	72	67	42	45	47	55	48	52	55	53	64	63	71	68	72	72	56	51.7
	Minimum	23	28	20	19	20	21	34	33	36	24	35	39	43	57	61	41	34	35	40	41	25	23	36	45	51	39	44	50	57	45	27	36.3
Hope /	Maximum	33	37	32	28	39	40	54	49	54	48	43	52	66	73	73	53	40	46	43	55	52	60	60	62	65	71	76	73	76	49	59	53.6
	Minimum	25	26	21	15	15	16	26	38	39	31	33	40	43	50	54	52	35	35	38	35	26	25	31	47	51	36	42	50	53	39	24	35.2
Hot Springs	Maximum	30	35	35	32	39	36	53	52	55	48	45	48	58	67	68	66	40	46	43	51	50	59	56	55	66	68	71	66	73	72	58	52.9
	Minimum	22	28	17	12	15	24	33	34	38	32	39	41	45	56	55	38	32	34	36	39	29	30	44	49	51	40	47	47	52	34	25	36.1
Jonesboro	Maximum	29	33	33	25	35	37	47	50	46	50	45	45	58	68	65	62	40	47	44	51	38	51	56	55	58	62	70	62	72	73	47	50.1
	Minimum	21	27	19	15	20	22	32	32	33	27	35	39	42	56	46	39	33	34	39	37	28	21	38	47	50	38	40	40	47	38	25	34.2
Lead Hill	Maximum	31	32	31	21	34	36	48	53	49	58	54	48	62	61	59	50	40	49	45	46	38	59	63	70	67	68	69	54	78	62	50	51.1
	Minimum	20	29	10	6	5	14	26	23	23	20	30	41	45	50	39	32	29	24	37	26	18	16	26	36	35	25	32	30	40	31	16	26.9
Little Rock	Maximum	30	37	34	26	39	36	50	50	51	48	47	48	64	73	70	62	39	46	44	52	46	57	58	55	63	65	71	61	76	58	49	51.8
	Minimum	24	30	18	14	16	23	34	35	34	28	39	42	45	60	55	38	34	38	39	35	27	26	39	50	50	40	45	45	55	32	27	36.0
Lutherville	Maximum	33	35	33	28	31	34	51	50	48	50	45	46	57	63	65	61	58	56	54	47	45	58	55	61	67	65	62	68	64	65	61	52.1
	Miuimum	22	30	14	6	12	19	23	31	33	27	38	39	44	55	50	37	34	35	34	35	23	22	40	50	48	35	56	42	45	33	20	33.3
Magnolia	Maximum	30	36	36	30	42	39	48	48	53	49	48	53	61	79	77	68	....	....	44	57	54	63	58	62	61	70	79	74	77	72	59	b56.1
	Minimum	25	30	24	19	17	22	37	40	40	31	40	43	50	60	58	42	....	....	39	36	27	28	46	51	51	37	50	55	63	41	27	b38.9
Mammoth Spring	Maximum	29	33	33	32	33	35	45	55	49	55	53	50	53	67	57	50	50	49	46	48	37	60	59	62	60	64	68	59	75	69	45	51.0
	Minimum	19	28	12	11	9	9	29	23	23	19	32	33	34	52	44	32	31	26	35	35	19	14	24	43	26	25	30	37	36	32	17	27.1
Marianna /	Maximum	33	35	29	28	37	39	42	47	50	48	42	48	62	74	71	50	38	46	46	53	42	52	57	53	65	64	71	66	72	48	53	50.4
	Minimum	23	27	28	20	19	20	26	34	34	25	28	37	41	45	57	49	35	85	37	40	28	24	33	43	47	36	43	47	47	46	25	34.8
Marked Tree /	Maximum	32	35	29	28	37	47	46	51	45	50	43	46	61	72	62	56	38	45	44	52	38	53	55	53	63	64	72	62	70	52	47	49.9
	Minimum	21	23	27	17	17	22	23	30	29	24	25	36	40	45	49	48	34	83	30	34	27	22	23	35	45	35	37	41	40	50	25	31.8
Marshall /	Maximum	25	34	15	19	32	35	49	52	48	48	48	45	56	63	63	60	40	45	46	40	38	59	54	60	64	64	67	60	73	69	50	49.1
	Minimum	19	26	9	5	12	17	31	26	29	29	38	31	43	55	42	34	31	31	37	35	23	20	43	50	42	30	47	35	49	30	17	31.2
Mena	Maximum	32	33	32	27	36	42	56	53	53	47	43	45	56	62	70	57	38	49	42	48	48	58	54	58	67	70	71	64	73	70	57	52.0
	Minimum	20	29	9	3	8	22	30	29	36	29	36	39	44	55	50	34	33	36	36	36	25	26	40	50	45	35	45	44	60	30	21	33.4
Monticello	Maximum	32	34	35	24	38	41	44	45	49	49	44	48	63	79	78	63	40	43	46	59	50	59	59	56	59	67	74	70	75	57	56	52.8
	Minimum	25	29	21	20	16	21	36	38	36	32	37	42	47	58	63	38	36	37	40	37	29	28	42	48	52	38	48	58	51	34	27	37.5
Morrilton /	Maximum	33	37	27	29	37	38	52	50	52	55	49	50	64	68	68	46	41	49	43	50	47	60	57	61	60	67	69	64	75	42	51	51.4
	Minimum	22	23	21	12	13	16	24	31	33	25	27	39	41	45	50	44	35	34	38	37	28	23	25	35	43	39	37	42	43	35	25	31.8
Mountain Home	Maximum	31	34	32	20	34	35	45	48	52	57	52	59	58	65	56	55	43	49	43	50	38	60	62	67	67	66	68	60	76	64	49	51.5
	Minimum	20	18	10	5	7	15	26	26	28	23	33	36	43	52	43	35	30	29	37	30	24	17	30	44	39	30	38	37	43	31	15	28.8
Mt. Ida	Maximum	38	39	34	31	41	38	59	53	56	48	46	50	61	67	71	63	39	42	52	46	49	61	59	59	70	70	72	62	75	74	54	54.2
	Minimum	24	26	16	8	6	19	32	26	31	22	39	38	42	59	44	39	33	36	37	33	18	15	29	49	45	27	42	33	54	34	15	31.3
Nashville	Maximum	33	36	35	31	39	40	52	52	53	54	47	51	61	69	71	61	41	47	46	54	52	61	60	61	60	69	74	72	76	74	70	54.9
	Minimum	26	30	17	12	15	22	34	34	37	30	39	37	47	51	39	39	35	40	39	34	26	23	48	51	50	32	42	48	54	37	22	35.2
Newport	Maximum	30	35	34	31	40	37	53	54	48	54	50	50	60	73	62	58	47	49	45	53	42	57	60	56	60	65	72	52	74	72	49	52.3
	Minimum	22	29	19	15	20	24	34	32	32	26	37	37	44	57	49	40	37	35	40	40	27	21	39	49	51	34	38	44	43	37	25	34.7
Nimrod Dam /	Maximum	32	36	25	29	39	39	57	49	55	54	48	50	65	67	77	47	41	50	43	51	50	61	58	60	67	68	73	67	77	44	56	52.7
	Minimum	23	23	17	11	11	12	22	29	30	24	26	39	42	48	48	43	34	34	36	35	25	19	22	44	45	34	34	41	45	35	20	30.7
Oden	Maximum	25	30	32	19	22	29	46	45	46	43	42	46	58	62	67	58	40	45	42	45	44	52	55	55	65	64	65	62	69	56	49	47.7
	Minimum	24	24	13	15	15	26	28	37	38	33	41	42	46	57	50	40	38	38	39	39	31	28	46	51	48	38	48	46	56	38	30	36.9

Daily Temperatures for January, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	33	37	37	32	39	39	51	51	54	52	49	54	62	72	74	70	45	58	58	55	60	62	62	68	69	70	76	72	77	75	58	57.1
	Minimum	26	31	27	14	14	21	34	35	38	31	39	43	50	57	52	42	35	39	32	24	24	27	51	50	33	33	42	49	63	39	24	36.1
Ozark	Maximum	34	36	34	27	33	36	50	50	50	50	48	50	62	62	65	59	43	50	47	47	45	59	55	66	60	65	70	56	78	67	53	51.8
	Minimum	24	31	14	9	12	20	27	28	28	25	35	42	45	50	45	38	35	35	38	34	22	23	36	50	45	31	42	43	48	24	20	32.2
Paragould	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Perryville	Maximum	31	36	36	28	30	40	56	52	53	55	49	51	61	70	75	74	41	48	46	52	48	62	59	62	66	65	72	63	70	73	55	54.2
	Minimum	23	26	18	13	14	26	29	26	30	21	37	40	44	57	49	37	32	35	37	29	28	19	25	49	41	42	31	40	40	34	24	32.1
Pine Bluff	Maximum	31	38	35	27	41	36	50	48	51	49	46	49	69	77	76	66	40	46	47	57	49	60	62	56	62	68	77	67	77	74	51	54.3
	Minimum	25	28	23	19	19	22	35	38	39	28	40	45	46	60	61	39	36	37	37	42	29	27	44	50	52	42	40	52	63	41	28	38.3
Pocahontas	Maximum	27	32	32	26	36	36	50	54	62	52	48	47	53	67	65	52	41	49	46	51	40	55	57	64	57	61	69	63	74	72	44	51.0
	Minimum	21	27	19	14	20	20	32	28	28	23	34	40	43	52	45	39	33	30	36	39	24	17	28	47	49	35	33	39	40	37	19	32.0
Portland	Maximum	32	35	35	28	41	48	45	44	50	47	44	49	61	78	79	69	60	42	47	60	53	58	56	57	69	68	72	73	78	72	55	55.0
	Minimum	27	30	28	20	20	22	38	38	38	30	34	42	45	54	63	60	38	40	40	40	30	26	40	47	50	44	45	56	61	45	31	39.4
Prescott	Maximum	32	37	37	28	40	40	52	51	54	52	47	53	66	73	73	71	43	45	46	56	53	60	59	60	66	70	76	74	76	75	58	55.6
	Minimum	24	30	21	14	16	22	35	39	40	32	40	43	48	58	44	41	34	36	39	34	27	28	48	51	52	48	48	51	63	39	25	37.7
Rogers	Maximum	39	31	26	21	31	38	46	50	50	55	56	48	63	58	61	41	45	51	45	43	37	58	60	68	64	65	68	63	75	55	55	50.5
	Minimum	16	26	3	−1	6	16	29	26	28	30	34	38	42	46	41	28	30	30	38	29	22	23	39	45	38	30	45	38	53	24	15	29.3
Russellville	Maximum	32	36	35	27	35	37	52	56	57	55	50	50	61	67	69	65	43	50	48	49	48	61	57	64	61	68	71	67	76	70	51	53.8
	Minimum	25	31	18	13	13	22	31	30	32	24	40	42	46	59	49	40	37	38	40	32	26	21	34	53	49	31	37	47	48	31	21	34.2
St. Charles/	Maximum	35	35	31	33	35	42	45	48	50	47	42	48	67	76	73	53	43	46	47	56	47	57	58	57	67	65	72	69	76	57	55	52.6
	Minimum	30	30	25	18	18	24	36	35	36	28	30	39	42	45	67	51	35	34	39	25	24	23	32	45	49	47	47	50	51	49	27	36.5
Searcy	Maximum	30	36	36	27	38	36	53	53	49	53	49	48	60	72	67	58	40	48	44	54	45	59	60	56	60	67	71	63	74	60	52	52.2
	Minimum	23	28	20	15	18	28	32	30	34	24	36	35	44	58	49	38	34	36	41	38	26	20	34	48	50	37	36	43	45	37	22	34.2
Sheridan	Maximum	31	35	34	28	40	36	51	51	53	47	46	50	65	73	70	66	40	46	44	55	48	59	60	56	65	66	74	70	75	74	54	53.6
	Minimum	23	29	22	15	13	19	34	35	37	26	39	42	45	59	60	40	34	36	35	41	26	24	36	49	53	34	45	59	49	40	23	36.2
Siloam Springs	Maximum	35	33	26	21	30	37	46	50	52	54	48	47	63	61	61	55	41	51	48	41	39	57	58	65	63	65	65	61	73	61	52	50.3
	Minimum	17	25	5	−2	6	17	28	26	24	30	35	40	44	49	45	28	30	32	38	33	23	26	41	48	36	28	42	39	56	25	17	30.0
Stuttgart	Maximum	31	35	35	27	39	36	46	48	52	48	44	49	63	75	72	65	41	45	45	55	45	59	60	54	66	55	74	65	75	72	52	52.5
	Minimum	22	30	22	18	18	21	33	36	36	28	39	42	46	58	57	40	35	37	40	42	28	25	37	47	52	39	40	48	61	44	27	37.0
Stuttgart Evap./	Maximum	33	35	29	27	36	38	44	48	50	47	43	48	62	73	71	52	39	45	44	54	45	56	57	54	65	63	71	65	73	52	....	*50.6
	Minimum	25	27	28	20	19	20	23	34	36	26	26	39	42	47	58	52	35	36	37	40	28	26	27	40	48	37	41	48	49	52	26	35.2
Subiaco	Maximum	32	33	33	23	31	37	48	51	46	50	46	50	66	62	64	62	40	45	45	45	43	58	56	67	59	64	66	61	67	75	68	51.4
	Minimum	21	29	13	7	11	21	27	31	34	25	38	40	45	55	46	38	34	35	36	30	27	21	35	50	42	35	40	43	30	38	22	32.2
Texarkana	Maximum	32	36	30	27	38	40	54	48	54	47	46	54	63	71	72	61	40	45	45	56	53	60	60	62	60	68	76	72	76	61	59	53.7
	Minimum	26	30	16	13	17	24	37	41	37	35	40	44	52	61	54	38	36	38	40	35	29	30	48	52	48	38	52	49	57	32	27	37.9
Turnpike	Maximum	29	31	30	24	26	30	45	48	44	47	42	42	51	59	57	56	36	42	40	40	37	52	48	59	56	60	65	58	68	59	42	45.9
	Minimum	16	25	7	1	11	20	27	37	36	33	31	34	41	51	51	30	27	31	35	30	25	26	40	46	43	39	41	39	47	25	20	31.1
Waldron	Maximum	34	35	35	24	39	40	53	52	54	52	49	53	61	66	75	68	41	50	47	47	47	60	56	64	67	70	72	68	76	71	58	54.3
	Minimum	22	29	12	4	5	20	30	24	28	24	38	41	47	54	42	34	34	36	32	28	20	19	29	51	39	28	36	38	56	31	19	30.6
Warren	Maximum	31	39	38	28	40	41	42	47	54	50	58	58	73	71	78	67	46	47	46	47	47	61	61	58	60	61	76	71	77	74	54	54.9
	Minimum	25	29	25	20	18	20	34	38	38	30	43	44	54	60	63	42	37	37	38	37	29	27	45	50	49	51	40	50	63	44	27	38.9
White Rock	Maximum	36	31	33	23	27	29	46	55	46	49	42	40	52	54	58	53	38	47	40	38	38	53	49	62	56	60	67	58	67	62	46	46.9
	Minimum	17	25	2	0	5	17	26	36	36	33	34	33	39	50	51	29	27	31	33	30	23	27	39	46	45	37	47	41	47	22	20	30.6
Wilson	Maximum	32	30	32	26	36	42	45	51	48	49	42	47	54	70	62	61	40	41	42	45	46	49	52	56	62	60	62	64	70	66	53	49.5
	Minimum	17	14	16	14	16	21	31	26	29	22	28	30	33	42	48	32	31	32	32	30	34	17	36	36	35	39	36	45	48	40	21	30.0
Wynne/	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......

Daily River Stages for January, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.1	6.0	5.6	5.7	5.7	5.7	5.6	5.5	5.7	5.9	5.6	5.6	5.6	5.7	5.5	5.2	5.7	5.4	5.3	5.5	5.6	5.2	5.0	5.1	5.2	5.0	4.9	4.8	4.4	4.3	4.6
Van Buren	do	22	6.6	6.2	5.9	5.7	5.8	6.0	6.0	5.5	5.7	5.9	5.9	6.0	6.0	6.1	6.0	5.8	6.1	6.0	5.9	5.9	6.2	5.8	5.6	5.7	5.8	5.7	5.6	5.6	5.4	5.3	5.3
Danville	Petit Jean	20	5.7	5.6	6.8	8.2	8.0	7.4	6.8	6.6	6.5	6.4	6.3	6.2	6.1	6.0	6.0	5.7	5.5	5.2	5.0	5.0	5.4	5.3	5.1	5.0	4.8	4.6	4.6	4.5	4.5	4.5	4.5
Ozark	Arkansas	22	3.8	3.4	3.5	3.7	3.7	3.2	3.0	3.0	2.7	2.6	2.6	2.6	2.6	2.8	2.7	2.7	2.4	2.7	2.7	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	1.9
Dardanelle	do.	22	5.9	5.6	5.4	5.6	5.7	5.1	4.7	4.8	4.9	4.4	4.5	4.4	4.5	4.5	4.5	4.3	4.2	4.2	4.2	4.2	4.2	4.1	3.9	3.8	3.7	3.9	3.8	3.8	3.7	3.3	3.3
Morrilton	do.	20	1.0	1.0	0.2	0.8	1.0	0.8	0.7	0.0	-0.1	-0.3	-0.4	-0.4	-0.5	-0.7	-0.3	-0.6	-0.6	-0.8	-0.8	-0.8	-0.7	-0.7	-1.0	-1.2	-1.2	-1.2	-1.1	-1.2	-1.2	-1.4	-1.5
Little Rock	do.	23	5.1	5.1	5.0	5.0	5.0	4.9	4.6	4.4	4.2	4.1	3.9	3.8	3.8	3.8	3.7	3.7	3.8	3.5	3.4	3.5	3.5	3.5	3.4	3.3	3.2	3.1	3.1	3.1	3.0	2.8	2.9
Pine Bluff	do.	25	7.2	7.0	7.0	6.9	6.8	6.7	6.6	6.3	6.1	5.7	5.5	5.1	5.0	4.9	5.0	5.0	5.0	4.9	4.7	4.6	4.5	4.6	4.6	4.5	4.5	4.1	4.0	4.0	3.9	3.8	3.7
Gilbert	Buffalo	30	5.1	4.9	5.0	4.9	4.8	4.7	4.6	4.5	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.4	4.3	4.3	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.1	4.3	4.4
Black Rock	Black	14	8.0	8.2	8.5	8.8	8.4	8.0	7.6	7.3	7.2	7.0	6.9	6.7	6.5	6.4	6.3	6.1	6.1	5.8	5.6	5.4	5.5	5.5	5.3	5.3	5.2	5.1	5.0	5.0	4.9	4.9	5.0
Forsyth, Mo.	White	30	6.0	5.8	5.7	5.5	5.1	5.6	5.5	5.0	5.4	5.0	5.0	4.6	5.0	4.6	5.0	4.6	4.9	4.3	1.6	4.8	2.4	2.4	2.5	5.3	4.8	2.6	3.2	3.2	3.5	2.8	3.4
Cotter	do	21	5.3	5.2	5.4	5.3	5.1	4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.9	4.3	4.4	4.2	4.1	4.0	4.1	3.9	3.9	3.9	3.8	3.5	3.6	3.6	3.4	2.7	3.0	3.4	3.6
Calico Rock	do	18	5.6	5.6	5.9	5.8	5.6	5.2	5.2	5.3	5.2	4.8	5.0	4.9	4.8	4.8	4.8	4.6	4.5	4.4	4.2	4.2	4.0	4.4	4.2	3.9	3.8	3.9	3.8	3.7	3.6	3.8	3.9
Lock 3	do	..	11.3	10.7	10.9	11.0	10.7	10.3	10.3	10.5	10.4	10.0	9.9	10.0	10.0	10.0	9.9	9.8	9.7	9.7	9.5	9.7	9.4	9.3	9.4	9.3	9.1	9.2	9.3	9.0	8.7	9.1	9.3
Batesville	do	23	12.4	11.7	12.0	11.9	11.6	10.9	10.9	11.1	11.0	10.8	10.5	10.7	10.6	10.6	10.6	10.5	10.4	10.3	10.2	10.0	9.9	9.7	10.1	9.9	9.5	9.5	9.6	9.5	9.0	9.3	9.4
Newport	do	26	12.2	12.5	12.5	13.1	13.2	12.8	12.1	11.5	11.0	10.8	10.2	9.8	9.4	9.2	9.1	8.8	8.8	8.5	8.2	8.0	7.8	7.5	7.2	7.3	7.2	6.9	6.7	6.6	6.4	6.2	6.2
Augusta	do	32	27.2	27.0	26.1	25.8	26.7	26.4	25.9	25.4	24.9	24.5	24.0	23.5	23.2	22.8	22.5	22.2	22.1	21.9	21.6	21.2	21.0	20.9	20.5	20.3	20.2	20.0	19.7	19.6	19.3	19.0	19.0
Sugar Loaf Mt.	Little Red	..	5.3	5.3	6.2	6.2	5.9	5.7	5.5	5.3	5.3	5.2	5.1	5.0	5.0	4.9	5.0	5.1	5.0	4.9	4.8	4.8	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.6	4.5	4.6	5.5
Georgetown	White	21	18.6	18.3	18.0	17.9	17.7	17.4	17.0	16.6	16.1	15.5	15.0	14.5	14.0	13.6	13.2	12.9	12.8	12.8	12.6	12.4	12.1	11.7	11.4	11.1	11.0	11.0	10.8	10.6	10.3	10.0	9.7
Des Arc	do	24	21.2	20.8	20.6	20.4	20.2	19.9	19.4	19.2	18.9	18.5	18.0	17.4	16.8	16.4	16.1	15.9	15.8	15.6	15.3	15.0	14.7	14.4	14.1	13.6	13.3	13.0	12.7	12.3	12.0	11.1	11.5
Clarendon	do	26	26.8	26.6	26.4	26.2	26.0	25.8	25.6	25.4	25.2	25.0	24.8	24.6	24.3	24.0	23.7	23.5	23.3	23.2	23.0	22.8	22.6	22.3	22.0	21.7	21.4	21.0	20.6	20.2	19.8	19.4	19.0
St. Charles	do	25	26.0	26.0	25.8	25.6	25.4	25.3	25.1	25.0	24.9	24.8	24.7	24.6	24.4	24.2	24.1	24.0	23.8	23.7	23.5	23.4	23.2	23.1	22.8	22.6	22.3	22.0	21.7	21.4	21.0	20.6	20.2
Glenwood	Caddo	..	5.4	5.6	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.0	5.0	5.0	5.0	5.0	4.9	5.0	5.5	5.4	5.5	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.1	5.0	5.0	5.0	4.8
Arkadelphia	Ouachita	17	10.5	7.1	8.4	8.2	7.8	7.6	7.7	8.2	7.7	7.6	7.1	6.6	5.2	6.7	6.1	6.5	7.8	8.2	6.6	7.3	6.2	6.6	6.6	7.0	7.4	6.7	5.1	5.7	6.6	6.7	5.5
Boughton	Little Mo.	20	7.8	7.5	8.5	9.3	8.1	7.6	7.3	7.2	7.5	6.9	6.6	6.4	6.4	6.4	6.3	6.4	6.5	8.2	9.4	9.3	10.5	10.1	8.9	8.3	8.1	7.8	7.6	7.2	7.0	6.8	7.0
Camden	Ouachita	26	12.2	14.0	15.4	16.3	17.4	17.3	16.4	15.4	14.4	13.6	12.8	11.9	10.6	9.7	9.2	9.6	10.0	10.4	15.2	16.5	16.9	17.0	16.8	16.3	15.5	14.9	14.3	13.2	10.8	10.5	10.5
Benton	Saline	20	7.6	7.5	9.6	9.0	8.2	7.7	7.4	7.2	6.9	6.7	5.5	6.4	6.3	6.2	6.2	6.3	7.4	7.5	7.2	7.4	7.8	7.5	7.1	7.0	6.8	6.7	6.5	6.4	6.2	6.2	6.4
Index	Red	25	12.8	12.5	10.6	10.5	10.5	10.5	11.2	10.9	10.9	10.8	10.5	10.2	9.9	9.9	9.8	9.8	9.7	9.6	9.6	9.6	9.5	10.3	10.1	9.9	9.8	9.7	9.6	9.4	9.2	9.2	9.0
Fulton	do	25	12.8	12.6	12.4	12.3	13.2	13.7	13.4	12.8	12.2	11.9	11.7	11.5	11.4	11.3	11.2	11.1	11.0	11.5	11.9	12.0	12.2	12.4	12.1	11.7	11.3	11.0	10.8	10.6	10.3	10.2	10.0
St. Francis	do	18	12.5	11.5	12.2	12.5	12.4	11.7	10.6	10.3	10.0	9.2	8.6	8.8	9.2	9.4	10.2	10.7	10.4	10.1	9.8	10.0	10.2	10.2	9.6	9.0	9.2	9.5	9.7	9.7	9.7	9.6	9.6
St. Francis L.L.	do	..	21.5	21.6	21.8	21.9	21.9	21.9	22.0	22.0	22.6	21.9	21.9	21.9	21.7	21.6	21.6	21.5	21.4	21.4	21.2	21.2	21.2	21.2	21.1	21.1	21.1	21.1	21.1	21.2	21.1	21.0	21.0
Marked Tree	do	17	7.6	7.7	8.0	8.1	8.3	8.4	8.2	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.7	7.8	7.8	7.7	7.6	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5	6.8	7.2	7.4	7.4
Parkin	do	28	9.7	9.7	11.0	11.9	12.3	12.1	11.7	11.3	11.0	10.8	10.6	10.6	10.5	10.4	10.4	11.0	11.4	11.5	11.3	11.5	11.8	11.7	11.3	10.9	10.5	10.4	10.4	10.2	10.1	10.4	10.5
Madison	do	32	8.9	8.4	8.5	8.5	....	....	12.0	12.1	12.4	12.6	13.2	13.7	13.4	13.2	13.2	12.8	12.6	12.6	12.4	12.2	12.1	12.3	12.6	13.0	13.6	14.2	14.6	14.9	15.1	15.2	15.8
Helena	Mississippi	44	12.2	13.1	14.9	16.6	18.5	21.1	23.5	25.7	27.2	28.2	29.0	29.4	29.1	28.4	27.5	26.7	25.5	24.4	23.6	23.6	24.4	25.9	27.5	29.2	30.6	31.5	32.2	32.6	33.0	33.5	33.8
Arkansas City	do	42	13.8	13.8	14.2	15.2	16.6	17.6	19.4	21.0	22.5	23.4	24.3	24.9	25.1	24.9	24.4	23.9	23.5	22.7	21.9	21.3	21.1	21.6	22.4	23.5	24.8	25.7	26.5	27.0	27.3	27.6	27.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock Index, Route 5, Texarkana; Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill; Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord: White Rock, Route 2, Winslow

W.B.R.P.O..Fort Worth, Texas. 2-12--1947—1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. LII Little Rock, Ark., February, 1947 No. 2

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

February for Arkansas was outstanding in the fact that no storms (LOWS) passed over the State during the month. The nearest LOW centers passed several hundred miles to the north and south. The few rains that did occur during the month were as a result of cold fronts moving in from the north.

A review of the weather maps of February shows a tongue of cold air, extending from Canada, laying over Arkansas practically the entire month. This caused the sixth coldest February in 57 years record, and also the second driest.

February 1947 set a record for the greatest number of clear days with an average of 17. The previous high average was 15, and had occurred in five different instances. This clear weather was directly associated with the dry cold air that overran the State.

February was not too favorable to agriculture; winter grains suffered most from the continued dry and cold. Strawberries were also damaged by the dry weather. Considerable early plowing was accomplished.

TEMPERATURE

The mean temperature for the month was 37.2°; 6.4° below the 57 year mean. This mean also ranks as the sixth coldest in 57 years. Although this was one of the coldest Februarys of record, there were no radical extremes in temperature.

The lowest temperature recorded in the State was 1° above zero at Devil's Knob on the 4th. The usual condition for a low average for the State is to have numerous readings below zero. The highest temperature reported was 80°, and occurred at three stations: Crossett, Fordyce, and Okay on the 16th.

Every station in the State reported means below normal. The departures ranged from 3.1° to 9.0°. Marked Tree reported the greatest deficiency with 9.0° below normal, and a mean of 33.6°. Bentonville reported the lowest mean with 31.0°.

PRECIPITATION

February's precipitation, like its temperatures, was below normal at all stations. Some stations in the southeast reported falls of 2.00 to almost 4.00 inches. Monticello reported the heaviest for the month with 3.85 inches.

Toward the northwest corner of the State, the deficiencies became greater. Crawford County was the driest county; the Fort Smith Water Plant in that county reported only a trace for the full month. Several other stations in that section reported total falls of less than 0.15 inch.

The average for the month was 0.78 inch, or 2.71 inches below the 57 year average; this is the second smallest in the same period. The record was 0.71 inch in 1895. J.C.H.

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms																		5	5									1			
High Winds		2	1	17	3	24	28	11	2	2	11	5	1	2	2	1	1	16	20	4		5	4	7	6	4	3	30			
Heavy Fog												1						1										1			
Sleet							1			2	9	3					1	11	19	3		1	2			1		28			
Hail																		3	2												
Killing Frost																															

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.58	1	29.66	6	8.5	34	w.	3	74	50	52	68	795
Little Rock	30.63	2	29.64	6	10.1	33	s.	3	69	47	50	75	758
Memphis	30.64	2	29.56	6	10.0	31	sw.	4	73	50	55	72	799
Texarkana	30.58	2	29.74	28	....	41	nw.	3	74	45	50	..	675

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.5	80	6	2.92	....	8	10	9	9
1892	49.0	78	18	3.47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	46.6	89	7	2.59	0.7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2.7	6	12	6	10
1900	39.7	74	− 5	5.06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	− 2	2.60	3.2	5	9	8	11
1903	41.0	79	−12	7.93	2.7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.3	82	−29	2.55	7.1	7	9	6	13
1906	41.8	75	− 7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2.77	0.5	6	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	6	9
1910	39.0	75	−13	3.66	5.9	7	11	6	11
1911	49.8	87	7	4.31	0.3	9	9	8	11
1912	37.9	78	− 7	2.80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	− 2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	43.4	89	− 4	1.93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3.31	2.5	8	13	4	11
1920	45.0	79	− 2	1.26	1.0	5	11	8	10
1921	48.3	85	− 3	3.59	9.8	6	15	5	8
1922	47.8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1.9	8	11	4	13
1924	42.9	82	− 7	2.26	0.4	7	12	4	13
1925	49.3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35.4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3.92	0.0	6	12	6	10
1931	48.2	75	14	4.77	T.	8	13	4	11
1932	52.0	86	9	4.72	T.	9	13	5	11
1933	41.5	82	−13	3.53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.44	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
1937	44.2	84	12	2.11	0.2	6	11	7	10
1938	50.9	87	8	6.08	0.1	7	9	7	12
1939	43.6	76	4	8.56	3.2	12	10	5	13
1940	41.9	88	10	3.31	3.2	10	7	5	17
1941	40.8	72	7	2.92	3.4	8	11	5	12
1942	41.2	81	− 2	2.97	1.4	8	9	7	12
1943	47.5	83	7	1.00	0.4	3	14	8	6
1944	48.2	87	4	7.34	2.5	12	8	7	14
1945	44.1	88	12	7.86	1.0	11	7	5	16
1946	47.6	78	11	5.05	2.6	9	14	4	10
1947	37.2	80	1	0.78	1.8	3	17	6	5
1948	....	..	....	....	....	..	..	..	..
Period	43.6	93	−29	3.49	1.8	7	11	6	11

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Climatological Data for February, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	10	39.4	− 5.4	71	16	10	10	0.18	−4.93	0.15	28	T.	2	15	8	5	e.	L. R. Water Works
Arkadelphia	Clark	200	51	38.0	− 7.9	79	16	10	10	0.75	−3.07	0.26	19	0.7	4	16	5	7	nw.	W. H. Halliburton
Ashdown	Little River	329	3	37.8	......	78	16	10	5	1.15	......	0.52	12	T.	4	15	7	6	ne.	Southwestern G. & E.
Batesville Airway	Independence	363	11	35.6	− 5.6	72	14	10	8	0.71	......	0.26	28	4.0	5	15	8	5	nw.	Airway Observer
Batesville Livestk.	Independence	500	6	34.6	......	67	16	8	8	0.35	......	0.25	19-20	4.0	2	18	4	6	nw.	University of Arkansas
Bee Branch	Van Buren	650	54	36.8	− 5.9	70	15†	7	10	0.83	−2.33	0.43	28	2.5	2	20	4	4	n.	Minnie Scanlan
Benton	Saline	285	11	34.0	− 9.1	73	16	6	10	0.32	......	0.18	18	1.3	2	22	3	3	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	41	31.0	− 8.8	69	15	5	8†	0.29	−1.98	0.24	27-28	3.2	2	14	9	5	nw.	E. L. Brown
Bethesda***	Independence	590	7	33.2	......	72	14	5	10	0.50	......	0.30	19	5.0	3	16	7	5	nw.	Soil Cons. Service
Black Rock	Lawrence	259	45	....	......	......	......	......	......	0.18	−3.04	0.18	18	1.0	1	....	....	....	......	J. H. Ragan
Blytheville	Mississippi	252	21	....	......	......	......	9	8	1.10	−2.16	0.50	28	6.0	3	21	4	3	n.	R. E. Blaylock
Booneville 3 miles w	Logan	465	32	39.2	− 6.3	74	16	8	10	0.20	−2.48	0.10	18-19	1.0	3	17	7	4	w.	F. H. Randolph
Brinkley	Monroe	205	55	38.4	− 5.8	71	16	11	10	0.49	−3.71	0.27	18-19	1.8	2	20	6	2	n.	Robert L. Glover
Camden	Ouachita	116	61	39.0	− 8.3	79	17	12	10†	1.68	−2.30	1.02	20	......	5	17	10	1	n.	J. M. Knight
Camp Chaffee	Sebastian	419	3	[a]35.6	......	[a]74	15	[a]10	10	0.12	......	0.07	11	0.2	3	14	7	7	nw.	U. S. Army
Clarendon	Monroe	172	42	....	......	......	......	......	......	0.52	−3.50	0.30	18-19	2.0	3	....	....	....	......	B. F. Northern
Conway	Faulkner	309	63	38.2	− 6.5	74	16	11	10	0.84	−2.95	0.55	18-19	0.7	2	16	8	4	w.	G. Y. Short
Corning	Clay	293	53	35.6	− 4.6	70	14	9	8	0.33	−3.10	0.15	18	4.5	3	18	3	7	sw.	Mrs. Laura Polk
Cotter	Baxter	440	19	....	......	......	......	......	......	0.57	−2.44	0.36	18	3.8	4	....	....	....	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	40.7	− 6.9	80	16	11	10	3.04	−0.71	1.48	18-19	T.	4	18	3	7	n.	U. S. Forest Service
Cummins Farm***	Lincoln	176	3	....	......	71	16	......	......	1.90	......	1.30	19-20	T.	2	9	15	4	......	T. C. Cogbill
Danville	Yell	327	30	....	......	......	......	......	......	0.45	−2.55	0.32	18-19	1.8	3	....	....	....	......	J. A. Moudy
Dardanelle	Yell	330	60	39.8	− 5.1	75	16†	10	10	0.51	−2.65	0.34	18	......	3	14	7	7	w.	Geo. N. Goodier
DeQueen	Sevier	426	11	39.6	− 8.3	76	16	10	10	1.20	−3.09	0.37	10-11	T.	6	17	6	5	......	L. D. McCown
Des Arc	Prairie	204	8	38.0	......	72	16	11	8†	T.	......	T.	7†	T.	0	14	4	10	n.	Z. R. Glenn
Devils Knob***	Johnson	2350	10	33.4	......	69	15	1	4	0.20	......	0.15	11	1.5	2	22	2	4	nw.	U. S. Forest Service
Dumas	Desha	162	41	40.2	− 7.7	74	16	14	10	1.54	−2.57	0.88	19	0.5	3	12	13	3	n.	Ben Johnson
El Dorado	Union	270	46	41.0	− 8.3	77	16	15	10	2.99	−1.24	1.31	19	0	5	12	9	7	n.	Airway Observer
England	Lonoke	229	40	....	......	......	......	......	......	....	......	....	......	......	......	....	....	....	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	46	34.6	− 6.5	68	17	5	8†	0.77	−1.91	0.35	27-28	5.5	4	18	6	4	n.	Geo. W. Nichoalds
Fayetteville	Washington	1334	9	34.6	......	69	15	7	8†	0.28	......	0.16	27-28	1.1	4	13	8	7	nw.	Charles F. Ford
Fayetteville Exp	Washington	1451	59	33.5	− 6.9	68	15	4	8	0.23	−2.20	0.12	27-28	0.9	3	14	9	5	nw.	University of Arkansas
Fordyce	Dallas	280	6	41.8	− 6.4	80	16	15	10	1.50	−2.96	0.59	19	0	4	15	9	4	nw.	Ark. Forestry Com.
Fort Smith	Crawford	448	65	36.6	− 6.2	72	15	12	10	0.14	−2.42	0.07	11	1.3	3	11	9	8	nw.	U. S. Weather Bureau
Fulton	Hempstead	260	61	....	......	......	......	......	......	1.02	−2.26	0.64	19-20	T.	3	....	....	....	......	Ina J. Logan
Georgetown, 2 mi, se	White	200	34	....	......	......	......	......	......	0.23	−3.48	0.23	18-19	0.5	1	....	....	....	......	J. S. McDonald
Gilbert	Searcy	600	21	31.8	......	72	15	4	10	0.25	−2.64	0.12	22	1.6	3	18	6	4	sw.	D. O. Dennis
Grannis	Polk	950	27	37.2	− 7.9	78	16	10	9	0.72	−3.52	0.35	18	T.	4	14	6	8	nw.	W. E. McVay
Gravette	Benton	1250	49	33.7	− 5.3	68	15	4	10	0.26	−1.94	0.26	28	T.	1	18	4	6	nw.	J. A. Schmidt
Green Mountain***	Stone	1100	9	....	......	......	......	......	......	0.67	......	0.67	23	6.0	1	16	7	5	nw.	U. S. Forest Service
Harrison	Boone	1052	46	33.9	− 5.6	68	3	7	9	0.41	−2.25	0.25	28	2.8	4	....	....	....	......	R. C. Beene
Helena	Phillips	300	74	38.2	− 6.7	69	16	12	9†	1.05	−3.45	0.86	19	1.5	3	19	3	6	nw.	James A. Burnett
Hope 3 miles e	Hempstead	375	76	39.0	− 8.3	80	16	13	10	1.20	−2.87	0.71	19	T.	5	18	3	7	nw.	Univ. of Arkansas
Hot Springs	Garland	600	54	41.2	− 5.6	77	16	13	8†	0.86	−2.83	0.31	18-19	1.7	6	16	7	5	w.	National Park Service
Jonesboro	Craighead	345	51	35.8	− 7.0	68	14	9	8	0.85	−2.93	0.70	18-19	9.0	2	16	8	4	nw.	Benedictine Sisters
Lead Hill	Boone	650	40	33.4	− 5.2	70	15	4	10	0.45	−2.66	0.25	28	4.5	3	18	5	5	nw.	F. W. Kellogg
Little Rock[a]	Pulaski	257	67	38.1	− 6.8	71	16	13	10	0.51	−3.33	0.26	28	1.3	5	14	7	7	nw.	U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	48	37.0	− 5.5	71	16	8	8	0.46	−2.95	0.30	28	2.0	3	19	5	4	w.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	....	......	......	......	......	......	0.70	−3.81	0.35	19	T.	2	....	....	....	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	42.8	− 7.9	78	18	17	5	2.24	−1.75	0.87	19	0	4	14	5	9	nw.	State Agri. School
Mammoth Spring	Fulton	600	42	32.5	− 7.8	66	14	6	10	0.40	−2.31	0.16	19	3.5	3	20	5	3	n.	L. A. O'Neal
Marianna	Lee	235	35	36.6	− 8.9	69	16	15	8†	0.65	−3.23	0.45	18-19	2.0	2	17	6	5	n.	Univ. of Arkansas
Marked Tree	Poinsett	229	42	33.6	− 9.0	69	14	9	8†	1.09	−2.58	1.00	18-19	5.5	2	21	5	2	s.	Chas. Walton
Marshall	Searcy	1050	28	34.2	− 8.8	70	15	7	10	0.29	−2.25	0.10	22	1.9	4	19	6	3	n.	Mrs. Minnie Horton
Mena	Polk	1207	58	38.4	− 5.9	75	16	10	9	0.46	−2.90	0.20	18-19	1.1	5	18	3	7	w.	E. W. St. John
Monticello	Drew	273	6	40.0	......	77	16	14	10	3.85	......	3.06	19-20	T.	6	19	4	5	n.	Airway Observer
Morrilton***	Conway	315	30	35.9	− 8.8	74	16	12	9†	0.21	−3.00	0.21	18	1.0	1	23	0	5	nw.	L. A. Dicus
Mountainburg	Crawford	712	9	....	......	......	......	......	......	0.11	......	0.11	28	T.	1	22	1	5	n.	C. A. Lovell
Mountain Home***	Baxter	800	34	34.2	− 7.4	67	14†	7	8	0.65	−1.92	0.30	17-18	6.0	3	16	6	6	nw.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	37.2	− 7.7	78	16	3	10	0.27	−3.69	0.14	28	1.0	3	17	3	8	nw.	J. S. Whittington
Nashville	Howard	350	8	39.6	......	78	15	12	10	0.83	......	0.29	11-12	2.0	6	18	3	7	nw.	Brice Carruth
Newport	Jackson	231	63	38.0	− 4.6	71	14†	11	8	1.15	−2.39	0.90	18-19	3.5	2	17	0	11	nw.	Willis T. Moyer
Nimrod Dam	Perry	475	5	36.0	......	75	16	7	10	0.49	......	0.40	18-19	0.9	3	20	4	4	nw.	U. S. Engineers
Oden, 2 mi w	Montgomery	800	19	38.3	......	75	16	18	9	1.05	−2.60	0.72	11-12	0.8	4	16	5	7	sw.	U. S. Forest Service
Okay	Howard	288	18	41.7	− 7.3	80	16	11	10	1.16	−2.74	0.50	11-12	T.	4	19	2	7	sw.	J. T. Hargis
Osceola	Mississippi	250	46	....	......	......	......	......	......	....	......	....	......	......	......	....	....	....	......	C. E. Carter
Ozark	Franklin	396	51	37.6	− 6.0	72	16	11	9†	0.06	−2.72	0.06	11	0.5	2	18	5	5	nw.	Orkney O. Milton
Paragould	Greene	275	23	36.2	.....	70	16	7	8	0.50	−3.36	0.50	22-23	3.1	1	9	11	8	w.	Jene J. Coffman
Parkin, 2mi. w	Cross	222	16	....	......	......	......	......	......	0.59	−3.56	0.54	22-23	0.8	2	....	....	....	......	Carroll King
Perryville	Perry	325	7	37.8	− 5.0	75	16	9	10	0.64	−2.78	0.56	18-19	2.0	3	18	6	4	nw.	Gordon Bennett
Pine Bluff	Jefferson	215	59	41.0	− 5.6	74	16	16	8†	1.24	−2.86	0.87	19	2.0	4	15	9	4	nw.	Mary T. Scheu
Pine Ridge	Montgomery	840	22	....	......	......	......	......	......	0.79	−2.96	0.62	19	1.1	4	21	3	4	nw.	J. R. Huddleston
Pocahontas	Randolph	300	53	35.4	− 5.4	70	14	8	8	0.45	−2.84	0.22	28	5.0	3	16	7	5	n.	Benedictine Sisters
Portland	Ashley	122	40	41.8	− 7.6	79	16	17	8	2.25	−2.03	1.75	19-20	0.8	4	16	5	7	n.	Mrs. Pearl Newton
Prescott	Nevada	318	58	41.9	− 6.0	77	16	14	10	1.29	−2.51	0.70	19	0.8	4	17	4	7	e.	R. P. Hamby
Rogers	Benton	1300	56	34.0	− 5.7	70	15	4	8†	0.29	−1.78	0.26	27-28	2.9	2	15	11	2	nw.	Howard Fowler
Russellville	Pope	526	34	38.6	− 3.1	74	16	10	10	0.77	−2.59	0.43	18-19	3.5	4	20	4	4	w.	U. S. Forest Service
St. Charles	Arkansas	175	13	37.8	......	73	16	14	10	1.14	......	0.80	19-20	0.5	3	23	2	3	nw.	U. S. Biological Survey
St. Francis	Clay	290	19	....	......	......	......	......	......	0.41	−3.78	0.18	18-19	3.0	3	....	....	....	......	Wm. S. Buckley
Searcy	White	245	36	38.5	− 6.4	72	15†	12	8†	0.66	−2.84	0.63	18-19	2.0	3	23	0	5	sw.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	6	40.1	......	73	16	12	10	0.56	......	0.30	19	2.0	4	15	8	5	ne.	Ark. Forestry Com.
Siloam Springs	Benton	1150	6	33.8	......	69	15	7	10	0.27	......	0.24	27-28	2.0	3	11	15	2	n.	John Brown Univ.
Story	Montgomery	650	22	....	......	......	......	......	......	0.77	−2.64	0.36	18	1.5	4	17	6	5	n.	S. C. Story
Stuttgart	Arkansas	214	59	38.9	− 6.2	72	14	14	10	0.94	−3.14	0.64	19	T.	2	21	4	3	nw.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	11	36.6	− 8.2	71	16	13	10	0.79	−3.87	0.54	19	2.5	3	25	2	1	......	University of Ark.
Subiaco	Logan	750	48	37.6	− 6.3	69	16	10	9	0.46	−2.47	0.24	11	T.	4	19	5	4	w.	New Subiaco Abbey
Texarkana	Miller	332	62	41.0	− 7.4	77	16	16	10	1.01	−2.36	0.50	19-20	T.	6	13	6	9	nw.	U. S. Weather Bureau
Turnpike***	Pope	2240	22	33.2	......	67	15	3	8†	0.26	−3.18	0.12	28	0.8	5	19	5	4	nw.	U. S. Forest Service
Waldron	Scott	675	27	37.6	......	72	15	8	10	0.65	−2.81	0.30	13	1.0	3	17	4	7	nw.	William D. Bivens
Warren	Bradley	206	52	41.9	− 5.8	77	16	15	10	2.08	−2.33	1.15	19	0	3	17	9	2	nw.	C. N. Turner
White Rock***	Franklin	2285	10	34.2	......	69	15	3	8†	0.25	......	0.13	28	1.2	2	22	2	4	nw.	U. S. Forest Service
Wilson	Mississippi	237	21	....	......	......	......	......	......	....	......	....	......	......	......	....	....	....	......	D. O. Anderson
Wynne	Cross	167	38	....	......	......	......	......	......	....	......	....	......	......	......	....	....	....	......	Guy B. Upton
State Means	......	....	..	37.2	− 6.4	80	16	1	4	0.78	−2.71	3.06	19-20	1.8	3	17	6	5	nw.	

Daily Precipitation for February, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas								T.			.03	.09							.02	T.												0.14
Alum Fork Reser.	Arkansas							T.				T.	.03						T.	T.	T.								.15				0.18
Aplin[2]	Arkansas											.01	.05							.40													0.46
Arkadelphia[2]	Ouachita											T.	.18							.06	.26								.25				0.75
Arkansas City[2]	Mississippi				.07								T.							.43	1.28								.23				2.01
Ashdown[2]	Red												.52							.18	.37								.08				1.15
Augusta[2]	White								T.											.72				.13					T.				0.85
Batesville Air'y[3]	White							T.				.02							.13	.20			.10						.26				0.71
Batesville Livestk[2]	White																				.25			.10									0.35
Batesville River[2]	White								T.				.01							.38				.05					.02				0.46
Beaty Lake	St. Francis							T.				T								.40	.02			.04					.15				0.61
Beaver[2]	White							.03	.03											.02									.14				0.22
Bee Branch	Arkansas											T.								.40									.43				0.83
Beech Grove[2]	White								T.											.20													0.20
Beedeville[2]	White																																....
Benton[2]	Saline								T.			T.	T.							.18	.14												0.32
Bentonville[2]	Arkansas							.05	T.			T.	T.						T.										.24				0.29
Bethesda[2]	White												.10								.30			.10					T.				0.50
Big Flat[2]	White								T.											.11				.09					.06				0.26
Big Lake Outlet[2]	St. Francis								T.				T.							.29				.20			T.		.03				0.52
Black Rock[2]	White												T.							.18				T									0.18
Blytheville[2]	St. Francis							T.												.30				.30					.50				1.10
Booneville 3 mi. w.	Arkansas							T.				.05	.05							.10									T.				0.20
Booneville[2]	Arkansas								T.			.04	.06							.16									T.				0.26
Boughton[2]	Ouachita												.32								.40								.03				0.75
Bradford[2]	White																			.61									T.				0.61
Brinkley[3]	White							T.												.27	.22		T.										0.49
Burdette	Mississippi																			.31				.10					.17				0.58
Calico Rock[2]	White								.02			T.								.10				.03					.03				0.18
Camden[2]	Ouachita												.25	.06						.22	1.02								.13				1.68
Camp Chaffee[2]	Arkansas								T.			.01	.06							T.									.05				0.12
Carlisle[2]	Arkansas																			.41	.10								.20				0.71
Clarendon[2]	White								T.											.30	.20								.02				0.52
Clinton[2]	White																																....
Cold Springs[2]	Ouachita							T.				*	.43							.30									T.				0.73
Conway	Arkansas							T.				T.								.55									.29				0.84
Corning[2]	White																			.15				.12					.06				0.33
Cotter[2]	White							T.	.08											.36				.06					.07				0.57
Cove[2]	Red											T.	.14								.46								.06				0.66
Crossett	Ouachita				.05							T.								1.48	.67								.84				3.04
Crystal Valley (nr)[2]	Arkansas																																....
Cummins Farm	Arkansas																		T.	.60	1.30								T.				1.90
Danville[2]	Arkansas									T.		.05	.08							.32													0.45
Dardanelle[2]	Arkansas								T.			.03	.14							.34													0.51
De Queen	Red											.37	.17						.16	.17	.17								.16				1.20
Dermott[2]	Mississippi																																....
Des Arc[2]	White								T.											T.	T.												T.
Devils Knob	Arkansas							T.	T.			.15																	.05				0.20
Dumas	Mississippi							T.												.88	.34								.32				1.54
Eagle Gap[2]	Arkansas								T.			.03	.13							.53	.05												0.74
El Dorado	Ouachita				.11								.41							1.31	.68								.48				2.99
Eleven Point[2]	White								T.											.21				.13									0.34
England	Arkansas																																....
Eureka Springs	White							.20											.20	.02									.35				0.77
Evening Shade[2]	White								T.				T.							.20				.13					.06				0.39
Fayetteville	White							.02	T.	T.		.01							.09	T.				T.		T.			.16				0.28
Fayetteville Exp. S.	White							.02	T.	T.		T.							.09	T.				T.					.12				0.23
Fordyce	Arkansas												.05							.59	.46								.40				1.50
Forester[2]	Arkansas								.20				.21							.29									T.				0.70
Fort Smith[1]	Arkansas							T.				.07	.01						T.	T.								T.	.06				0.14
Fort Smith W. Plant[2]	Arkansas								T.				T.						T.														T.
Fulton[2]	Red											T.	.30	T.						T.	.64								.08				1.02
Garland[2]	Red												.45	T.						.17	.94								.12				1.68
Georgetown[2]	White																			.23									T.				0.23
Gilbert[2]	White								T.				T.							.11				.12	T				.02				0.25
Glenwood[2]	Ouachita											.14	.05						.27		.36								.08				0.90
Grannis[2]	Red											.03	.15	T.						.35	.19								T.				0.72
Gravelly[2]	Arkansas											.11	.07							.27													0.45
Gravette	Arkansas											T.																	.26				0.26
Greenbrier[2]	Arkansas																																....
Green Forest	White																												1.10				1.10
Green Mountain	White							T.				T.							T.					.67				T.	T.				0.67
Greenwood[2]	Arkansas							T.				.10								.57								T.					0.67
Harrison	White							.05											.03				.08						.25				0.41
Helena[2]	Mississippi							T.												.15	.86								.04				1.05
Henderson[2]	White								T.	T.									T.	.03	.10		T.						.06				0.19
Hope[2]	Red											T.	.28	.02						.10	.71								.09				1.20
Horatio[2]	Red												.43							.22	.24								.07				0.96
Hot Springs	Ouachita											.06	.01						.01	.31	.16								.31				0.86
Huntsville[2]	White																																....
Huttig Lock 7, Dam 6[2]	Ouachita				.04							T.	.08							.84	1.50								.29				2.75
Index[2]	Red												.25	T.						.25	.25								.05				0.80
Jonesboro[2]	White								T.											.70				.15					T.				0.85
Judsonia[2]	White																																....
Lake City[2]	St. Francis							T.												.25				.48					.25				0.98
Lead Hill	White							T.	T.			.05							.15	T.	T.								.25				0.45
Little Rock[1]	Arkansas							T.				.01	.01						.09	.14			T.						.26				0.51
Lock & Dam No. 3[2]	White								T.				.03							.28				.06					.02				0.39
Lurton[2]	White								.05	T.			.05							.17									.05				0.32
Lutherville	Arkansas											.11	.05						T.	T.									.30				0.46
Madison[2]	St. Francis																			.35	.35			T.					T.				0.70
Magnolia	Red												.54							.87	.44								.39				2.24
Mammoth Spg[2]	White											T.								.16				.09					.15				0.40
Marianna[2]	St. Francis																			.45	.20							T.					0.65
Marked Tree[2]	St. Francis							T.					T.							1.00				.09									1.09
Marshall[2]	White																			.05				.10				.05	.09				0.29
Marvell[2]	White																			.46			T.						.30				0.76
Melbourne[2]	White																		.06					T.					.05				0.11
Mena[2]	Ouachita								T.			.05	.11	T.						.20	.08								.02				0.46
Monticello[1]	Ouachita			.07								T.	.06							1.74	1.32							.17	.49				3.85
Morobay[2]	Ouachita				.10								.08	.04						.38	1.90								.22				2.72
Morrilton[2]	Arkansas								T.			T.	T.							.21									T.				0.21
Mountainburg	Arkansas							T.				T.							T.										.11				0.11
Mountain Home	White											T.							.30	.05			T.						.30				0.65
Mountain View[2]	White							T.				T.								.22				.11					.16				0.49

Daily Precipitation for February, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita											.05									.08								.14				0.27
Mulberry[2]	Arkansas								T.			T.	T.																				T.
Nashville	Red											.06	.29						.01	.16	.18								.13				0.83
Newport[2]	White						T.					T.								.90				.25		T.			T.				1.15
Nimrod Dam[2]	Arkansas											.06	.03							.40													0.49
Oark[2]	Arkansas												.20																T.				0.20
Odell[2]	Arkansas											.02																	.06				0.08
Oden	Ouachita							T.			.05	.03	.72	T.					T.	T.									.25				1.05
Okay	Red												.50							.36	.12								.18				1.16
Osceola[2]	Mississippi																																....
Ozark[2]	Arkansas											.04	.02							T.									T.				0.06
Paragould	St. Francis																							.50	T.								0.50
Parkin[2]	St. Francis																			.05				.54					T.				0.59
Parthenon[2]	White																																....
Perryville[2]	Arkansas											T.	.06							.56									.02				0.64
Pine Bluff[2]	Arkansas								T.				.04							.20	.87						T.		.13				1.24
Pine Ridge[2]	Ouachita											.10								.62	.05								.02				0.79
Pocahontas	White																			.03				.20					.22				0.45
Portland[2]	Ouachita				.10								.10							T.	1.75								.30				2.25
Prescott[2]	Ouachita											T.	.30	.17							.70								.12				1.29
Ratcliff[2]	Arkansas																																....
Red Star	White							T.					.12							.25				T.		T.							0.37
Rogers	White							.03	T.			T.							T.				T.	T.					.26				0.29
Russellville	Arkansas											.10	.08							.43									.16				0.77
St. Charles[2]	White								T.											.30	.80								.04				1.14
St. Francis[2]	St. Francis																			.18				.15					.08				0.41
Searcy[2]	White																			.63				.01					.02				0.66
Sheridan	Ouachita												.02						T.	.15	.30								.09				0.56
Shirley[2]	White											T.								.16	.20			.08					T.				0.44
Siloam Springs	White							.02	T.			.01							T.					T.		T.			.24				0.27
Sparkman	Ouachita												.30																1.20				1.50
Stamps	Red												.31																.56				0.87
Steve[2]	Arkansas																			.60													0.60
Story[2]	Ouachita												.16							.36	.11								.14				0.77
Stuttgart[2]	Arkansas							T.													.64								.30				0.94
Stuttgart Evap[2]	Arkansas																			.23	.54								.02				0.79
Subiaco[2]	Arkansas											.24	.08						.04	.10									T.				0.46
Sugar Grove[2]	Arkansas											T.	T.							.55													0.55
Sugar Loaf Mt[2]	White												.04							.39				.06					.02				0.51
Texarkana[3]	Red										T.	.28	.09						T.	.46	.04		T.					.02	.12				1.01
Tichnor[2]	White																																....
Turnpike	Arkansas							.01				.03							.02	.08									.12				0.26
Viola[2]	White							.10																.04					.10				0.24
Waldron[2]	Arkansas							T.					.05	.30						.30													0.65
Walnut Grove	White							T.					T.						T	.60				.12					.23				0.95
Warren	Ouachita												T.							1.15	.35								.58				2.08
Whitecliffs[2]	Red											T.	.62							.15	.02								.10				0.89
White Rock	Arkansas							T.				.12							T.	T.									.13				0.25
Wilson[2]	Mississippi																																....
Wynne	St. Francis																																....
Yellville[2]	White			T.				T.	T.			.21					T.												.25				0.46

Daily Evaporation (inches), and Wind Movement (miles) for February, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.																																....
	Wind move	48	72	67	170	129	69	140	141	138	60	20	17	22	19	175	13	24	50	146	97	60	39	75	139	117	89	61	76				2,273
Hope Exp. Farm	Evap.				*	*	*	*	*	*	*	*	*	*	.892	.142	.172	.150	.082	.109	*	*	.125	.031	*	*	*	*	.410				2.367
	Wind move	32	51	24	82	79	103	87	105	51	40	16	*	76	21	72	67	39	20	*	*	167	25	52	82	63	45	23	27				1,449
Nimrod Dam	Evap.																																....
	Wind move	11	25	33	102	79	78	97	96	144	73	6	15	2	2	27	30	2	3	15	2	6	21	15	135	87	66	54	12				1,229
Russellville	Evap.																																....
	Wind move	41	18	33	85	28	45	64	82	67	19	16	19	10	39	30	17	42	31	33	19	11	20	61	68	54	36	17	57				1,062
Stuttgart Rice Exp. Farm	Evap.																																....
	Wind move	25	45	30	130	120	110	65	180	85	50	20	40	40	15	60	35	40	20	130	90	0	20	80	100	70	70	40	30				1,740
Norfolk Dam	Evap.																																....
	Wind move																																....

Daily Temperatures for February, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	48	53	60	59	48	58	53	35	31	42	45	52	62	67	69	71	70	58	46	48	54	58	53	42	41	39	48	43	....	....	....	51.9
	Minimum	32	21	30	20	15	36	25	12	13	10	26	31	27	31	40	40	32	43	28	25	26	28	26	21	24	23	27	38	....	....	....	26.8
Arkadelphia /	Maximum	54	55	62	56	50	63	50	43	38	43	44	50	64	68	75	79	68	55	32	50	56	55	44	48	47	47	50	40	....	....	....	53.1
	Minimum	22	22	22	24	15	16	23	15	16	10	11	29	29	28	28	34	35	35	31	24	24	25	25	20	21	20	20	21	....	....	....	23.0
Ashdown /	Maximum	56	54	65	39	54	64	50	41	39	43	41	44	62	70	75	78	67	58	35	53	55	52	43	47	46	45	48	41	....	....	....	52.3
	Minimum	22	22	25	25	10	16	23	17	16	11	14	30	26	27	28	31	34	39	33	24	23	25	31	19	22	19	20	23	....	....	....	23.4
Batesville Air	Maximum	45	49	60	50	44	60	35	32	30	43	41	49	59	72	67	68	55	50	34	46	50	60	33	42	38	41	45	34	....	....	....	47.6
	Minimum	25	18	32	16	16	29	13	10	11	12	23	29	24	28	40	35	29	28	26	23	26	30	21	22	23	19	23	30	....	....	....	23.6
Batesville, Livestk /	Maximum	45	50	60	59	60	61	35	32	29	42	42	51	59	62	66	67	55	51	34	45	49	60	32	41	38	39	45	33	....	....	....	47.9
	Minimum	27	15	15	15	14	22	26	8	9	9	12	29	22	29	31	39	25	27	25	20	24	28	18	21	21	19	21	27	....	....	....	21.4
Bee Branch	Maximum	46	47	60	58	46	59	57	39	34	39	41	52	59	67	70	70	66	56	37	47	49	57	55	40	40	41	44	42	....	....	....	50.6
	Minimum	28	16	28	15	14	34	20	8	9	7	19	30	24	28	40	38	29	34	26	23	25	24	22	19	21	18	17	30	....	....	....	23.1
Benton /	Maximum	50	53	58	33	43	63	42	38	33	40	45	53	61	70	71	73	65	54	31	48	53	57	41	44	43	44	43	39	....	....	....	49.6
	Minimum	20	12	19	20	9	9	19	10	10	6	8	25	21	22	24	24	25	30	27	22	19	19	21	18	16	14	18	25	....	....	....	18.3
Bentonville /	Maximum	39	51	58	25	51	54	24	24	23	37	38	50	59	63	69	63	66	38	40	46	50	55	29	36	34	35	39	34	....	....	....	43.9
	Minimum	18	19	20	10	14	14	21	5	5	5	8	28	24	26	28	29	27	29	25	18	17	18	19	15	16	15	16	20	....	....	....	18.2
Bethesda	Maximum	44	50	59	28	46	60	34	32	28	43	42	50	61	72	66	66	55	50	34	45	53	60	31	40	37	39	44	33	....	....	....	46.5
	Minimum	25	13	16	14	10	23	25	8	9	5	17	27	20	24	26	32	23	30	24	20	22	23	12	20	23	18	17	29	....	....	....	19.8
Blytheville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	31	20	31	16	16	34	28	9	10	13	23	33	26	31	38	39	29	35	24	24	24	31	22	20	24	21	24	30	....	....	....	25.2
Booneville	Maximum	55	57	65	57	56	60	55	35	32	43	40	50	66	67	73	74	66	62	39	54	56	62	56	42	41	39	48	44	....	....	....	53.4
	Minimum	30	19	39	18	15	30	19	12	12	8	28	32	23	28	34	34	35	39	31	21	26	25	26	17	22	18	21	34	....	....	....	24.9
Brinkley	Maximum	50	50	55	52	45	59	55	34	33	39	44	55	62	69	69	71	68	59	42	45	51	60	50	44	43	43	48	42	....	....	....	51.3
	Minimum	29	20	31	20	15	35	22	12	13	11	23	33	26	27	40	43	30	38	27	24	24	30	26	20	21	20	21	32	....	....	....	25.5
Camden	Maximum	59	56	58	62	56	49	63	42	38	40	44	43	56	65	70	73	79	71	69	46	46	55	59	45	47	47	45	50	....	....	....	54.8
	Minimum	25	21	21	22	17	19	24	15	15	12	12	29	27	26	27	30	35	36	31	23	24	24	31	21	21	19	19	22	....	....	....	23.1
Conway	Maximum	49	52	63	56	50	60	54	36	33	43	45	54	60	69	72	74	62	55	39	49	53	61	55	45	42	41	47	43	....	....	....	52.2
	Minimum	29	19	30	20	14	29	22	12	13	11	25	31	24	27	33	33	30	36	27	22	23	26	25	21	23	20	21	34	....	....	....	24.3
Corning	Maximum	45	46	57	54	41	59	56	27	30	40	41	47	58	70	69	64	55	54	35	46	48	53	53	39	37	40	44	43	....	....	....	48.2
	Minimum	28	18	29	15	15	24	24	9	10	10	18	31	23	29	34	38	34	33	24	23	21	30	19	20	20	19	20	30	....	....	....	23.1
Crossett	Maximum	49	50	60	62	45	60	60	43	41	42	42	53	62	71	72	80	72	77	70	49	56	50	49	46	45	43	45	45	....	....	....	55.0
	Minimum	27	24	25	31	15	33	25	13	17	11	23	34	30	27	32	33	39	39	32	27	23	25	31	20	20	20	26	36	....	....	....	26.4
Cummins Farm	Maximum	46	49	57	50	59	60	50	36	32	39	39	51	61	66	69	71	64	69	45	52	50	46	45	45	41	40	46	43	....	....	....	50.8
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dardanelle	Maximum	52	52	65	61	54	62	58	35	35	43	43	50	59	69	73	75	75	58	38	54	54	62	54	44	43	42	47	47	....	....	....	53.7
	Minimum	31	20	34	18	17	33	24	13	12	10	28	31	26	28	35	38	35	36	30	26	27	25	26	20	23	21	23	34	....	....	....	25.9
De Queen	Maximum	52	53	58	54	48	58	52	38	40	40	40	48	60	68	74	76	68	63	49	59	55	54	48	47	45	45	47	45	....	....	....	53.0
	Minimum	31	22	28	22	23	25	23	12	11	10	22	32	28	28	28	31	34	40	34	28	27	30	32	21	24	25	25	36	....	....	....	26.1
Des Arc	Maximum	45	50	61	54	44	59	55	36	34	47	44	52	61	69	69	72	70	60	44	41	52	60	54	43	42	42	46	42	....	....	....	51.7
	Minimum	28	21	33	18	15	15	24	11	11	11	23	33	25	29	39	41	31	31	26	24	23	31	25	21	21	21	18	31	....	....	....	24.8
Devils Knob	Maximum	40	45	58	49	44	55	42	29	26	38	29	47	57	67	69	66	55	50	31	45	48	55	47	37	35	34	40	35	....	....	....	45.5
	Minimum	25	23	31	1	3	34	7	2	2	10	21	26	32	41	39	45	30	29	23	20	19	33	15	12	15	14	20	26	....	....	....	21.4
Dumas	Maximum	53	51	63	55	48	65	53	40	36	42	41	57	63	71	69	74	68	72	56	41	51	56	46	42	44	42	45	42	....	....	....	53.1
	Minimum	31	23	27	25	18	29	25	15	18	14	29	34	28	30	36	42	34	39	31	25	27	30	30	23	24	22	23	32	....	....	....	27.3
El Dorado	Maximum	55	55	63	38	49	62	45	38	36	43	43	43	61	67	71	77	70	74	42	44	53	52	45	44	44	44	47	43	....	....	....	51.7
	Minimum	34	27	31	30	18	38	27	19	20	15	32	34	32	32	42	42	40	42	32	28	29	31	34	24	27	24	26	36	....	....	....	30.2
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	46	52	57	45	48	53	40	25	23	41	40	48	58	63	67	61	68	55	36	44	48	53	48	35	34	35	41	37	....	....	....	46.5
	Minimum	21	20	40	10	15	32	8	5	5	9	27	31	30	43	33	39	28	30	24	20	18	30	19	16	19	15	19	29	....	....	....	22.7
Fayetteville	Maximum	43	51	58	43	50	54	34	24	24	38	38	53	59	63	69	62	67	52	35	46	50	55	39	36	34	35	40	37	....	....	....	46.0
	Minimum	22	19	40	11	15	33	9	7	7	9	27	32	24	41	32	40	29	31	26	22	22	31	20	15	18	15	20	30	....	....	....	23.1
Fayetteville Exp. S.	Maximum	46	49	57	54	49	53	40	23	23	38	37	50	58	60	68	62	66	58	34	45	49	54	51	34	32	34	39	37	....	....	....	46.4
	Minimum	20	17	37	9	12	35	6	4	5	5	24	29	24	36	30	37	26	29	24	19	18	28	18	12	15	12	17	28	....	....	....	20.6
Fordyce	Maximum	55	55	62	60	50	62	57	40	32	35	43	53	65	70	70	80	69	67	55	45	55	57	53	49	46	45	50	45	....	....	....	54.5
	Minimum	34	25	34	26	17	37	27	16	16	15	28	32	30	38	38	43	35	43	30	25	28	34	33	22	24	24	25	32	....	....	....	29.0
Fort Smith	Maximum	45	55	60	31	52	60	32	34	30	38	38	49	60	68	72	71	62	47	39	52	52	58	37	42	39	38	45	39	....	....	....	48.0
	Minimum	26	22	29	17	17	27	16	12	13	12	29	32	26	30	35	38	36	35	32	28	28	25	24	19	20	19	22	35	....	....	....	25.1
Gilbert /	Maximum	44	54	61	28	49	58	30	32	28	44	40	52	65	69	72	66	63	45	38	48	53	64	32	39	37	38	47	34	....	....	....	47.5
	Minimum	15	12	17	14	8	8	19	9	10	4	5	29	18	19	22	27	22	22	25	15	16	16	19	20	21	12	13	18	....	....	....	16.2
Grannis /	Maximum	48	52	54	34	50	62	42	37	33	41	40	47	62	67	72	78	65	52	35	52	54	55	35	43	40	40	43	37	....	....	....	48.9
	Minimum	24	28	20	16	20	25	14	13	10	12	29	31	31	37	41	36	39	32	25	27	30	29	19	21	20	25	33	31	....	....	....	25.6
Gravette	Maximum	50	50	57	50	50	55	39	23	25	43	37	50	58	62	68	63	65	56	39	46	48	53	40	35	33	34	38	33	....	....	....	46.5
	Minimum	19	18	39	10	10	36	7	5	6	4	25	31	23	26	28	35	29	32	25	19	18	28	18	15	18	13	19	29	....	....	....	20.9
Green Mountain	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Harrison	Maximum	44	50	68	52	49	54	43	24	22	37	38	46	61	60	66	60	62	58	35	43	49	52	42	34	33	34	41	41	....	....	....	46.4
	Minimum	19	15	37	11	15	30	10	11	7	9	21	29	21	25	31	37	28	29	25	19	20	25	19	19	20	17	21	28	....	....	....	21.4
Helena	Maximum	50	47	60	55	42	58	58	35	31	36	39	53	60	67	62	69	66	61	50	40	47	55	50	40	40	39	45	42	....	....	....	49.9
	Minimum	32	21	32	20	18	32	26	14	12	12	24	33	29	35	35	42	33	41	29	24	22	31	26	22	20	19	23	31	....	....	....	26.4
Hope /	Maximum	55	58	61	38	51	62	50	40	39	45	42	44	64	69	74	80	70	64	34	50	55	53	42	47	46	45	49	41	....	....	....	52.4
	Minimum	25	24	26	27	18	18	27	17	17	13	14	31	30	31	32	38	38	37	33	23	25	29	33	21	22	23	21	23	....	....	....	25.6
Hot Springs	Maximum	55	56	59	56	48	62	56	38	35	42	42	55	62	71	74	77	66	63	44	52	53	55	54	47	43	43	48	44	....	....	....	53.6
	Minimum	38	25	33	20	20	34	25	13	13	13	27	31	29	43	45	53	34	42	28	23	27	40	27	19	24	23	26	32	....	....	....	28.8
Jonesboro	Maximum	45	47	59	52	41	59	52	29	29	39	40	47	58	68	62	66	57	49	33	43	46	57	51	36	36	39	42	37	....	....	....	47.1
	Minimum	30	21	30	16	15	33	19	9	11	13	19	31	26	34	36	42	30	31	23	22	24	32	20	22	24	26	23	29	....	....	....	24.5
Lead Hill	Maximum	40	54	60	46	50	56	32	24	26	42	39	50	66	67	70	62	61	42	37	47	47	54	42	38	35	37	43	38	....	....	....	46.6
	Minimum	27	13	36	12	8	24	12	9	9	4	19	29	19	26	29	30	25	30	26	15	19	20	20	22	22	11	16	30	....	....	....	20.1
Little Rock	Maximum	48	47	60	38	47	60	38	34	31	40	44	51	58	70	70	71	59	52	32	47	48	57	44	42	40	40	44	39	....	....	....	48.2
	Minimum	32	27	33	23	18	34	16	15	14	13	29	33	30	34	42	43	34	32	28	27	30	32	27	23	27	25	28	34	....	....	....	28.0
Lutherville	Maximum	53	48	63	50	50	58	50	32	30	38	36	50	57	66	68	71	60	54	50	47	51	56	56	40	38	39	45	40	....	....	....	49.9
	Minimum	32	19	30	15	23	19	14	8	9	9	25	29	29	35	40	42	32	34	28	24	26	31	20	17	18	19	21	31	....	....	....	24.2
Magnolia	Maximum	57	57	64	60	53	63	57	40	37	43	44	43	62	70	72	77	77	78	62	45	55	53	50	46	45	45	48	46	....	....	....	55.3
	Minimum	35	27	33	29	17	36	29	18	19	18	32	34	32	33	37	42	40	49	32	25	27	34	34	23	26	24	26	36	....	....	....	30.2
Mammoth Spring	Maximum	40	46	57	55	41	56	50	24	25	39	41	48	57	66	64	62	54	52	35	43	45	52	45	35	35	34	48	41	....	....	....	46.1
	Minimum	23	13	30	12	10	23	15	7	7	6	14	28	19	22	29	27	26	28	23	19	17	19	19	23	21	17	18	13	....	....	....	18.9
Marianna /	Maximum	47	50	58	31	43	58	38	32	30	40	39	53	61	67	64	69	62	59	30	41	49	55	39	42	41	40	46	40	....	....	....	47.3
	Minimum	30	22	31	21	18	30	25	15	15	15	22	30	27	30	39	38	32	33	28	23	24	29	27	24	24	22	23	29	....	....	....	25.9
Marked Tree /	Maximum	46	46	58	31	42	56	30	32	30	42	40	50	60	69	62	68	59	61	30	42	47	57	38	39	40	40	41	39	....	....	....	46.2
	Minimum	24	20	21	17	14	14	23	9	9	10	11	26	25	25	27	35	37	30	24	23	18	20	21	23	18	21	21	23	....	....	....	21.0
Marshall /	Maximum	44	50	68	24	45	54	38	24	24	40	35	50	62	65	70	65	58	52	34	45	51	55	51	37	34	33	45	40	....	....	....	46.2
	Minimum	29	17	24	12	12	37	15	8	8	7	21	30	22	35	32	42	26	29	25	17	19	32	17	19	22	15	19	29	....	....	....	22.1
Mena	Maximum	46	56	56	56	50	59	50	35	31	43	37	50	65	67	72	75	70	59	40	50	55	56	47	40	38	38	47	42	....	....	....	51.1
	Minimum	32	20	33	16	16	31	16	11	10	11	26	30	26	34	39	41	34	40	28	22	26	32	26	17	21	22	24	32	....	....	....	25.6
Monticello	Maximum	52	52	62	36	48	63	50	38	37	41	42	53	61	70	71	77	68	71	38	48	51	52	44	45	44	46	46	42	....	....	....	51.7
	Minimum	32	27	29	24	16	35	20	15	18	14	27	33	34	34	39	44	37	37	32	28	29	32	28	22	22	22	27	33	....	....	....	28.2
Morrilton /	Maximum	49	51	60	32	51	59	36	34	31	41	42	51	60	67	70	74	59	51	35	50	52	59	39	42	40	39	46	37	....	....	....	48.5
	Minimum	22	20	20	20	17	16	26	13	12	12	15	27	26	27	31	41	31	32	27	25	26	29	25	22	22	22	22	25	....	....	....	23.3
Mountain Home	Maximum	43	55	60	52	48	59	35	25	25	40	40	50	61	67	67	62	67	52	36	44	50	56	44	38	36	36	40	41	....	....	....	47.5
	Minimum	28	14	34	12	12	26	10	7	8	8	19	26	22	27	32	25	28	29	25	20	19	36	19	21	21	17	19	22	....	....	....	20.9
Mt. Ida	Maximum	52	55	61	55	46	59	59	39	34	44	36	53	52	71	74	78	69	60	49	52	48	55	50	45	43	44	49	43	....	....	....	52.7
	Minimum	26	13	29	19	8	27	18	14	13	3	21	32	20	22	25	36	30	36	29	18	18	19	18	18	23	16	20	33	....	....	....	21.6
Nashville	Maximum	53	54	60	56	50	63	53	40	38	42	40	46	62	68	78	76	67	59	47	53	55	53	46	45	45	44	46	44	....	....	....	53.0
	Minimum	31	23	34	25	15	32	23	16	17	12	25	33	28	29	30	31	38	38	32	22	26	27	28	20	24	20	20	34	....	....	....	26.2
Newport	Maximum	47	50	61	51	44	62	50	35	32	42	46	55	62	71	68	71	59	55	35	49	51	60	48	43	39	41	47	37	....	....	....	50.4
	Minimum	29	21	30	19	17	36	20	11	13	12	20	33	25	28	38	38	32	35	26	25	28	28	23	24	25	23	23	31	....	....	....	25.5
Nimrod Dam /	Maximum	51	58	61	33	53	59	36	35	32	45	46	53	63	68	71	75	66	52	34	52	55	59	40	44	44	42	51	39	....	....	....	50.6
	Minimum	20	15	23	18	15	16	22	12	12	7	10	28	24	25	29	34	31	32	28	24	23	26	26	20	20	19	19	24	....	....	....	21.5
Oden	Maximum	44	46	52	41	52	50	44	32	31	40	39	54	66	68	73	75	70	52	33	52	55	56	43	42	40	40	49	39	....	....	....	49.2
	Minimum	34	27	36	19	19	38	31	19	18	19	28	32	26	30	39	38	32	33	30	23	24	24	25	19	24	22	24	33	....	....	....	27.4

Daily Temperatures for February, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	58	57	61	59	53	66	66	43	45	46	42	45	63	70	76	80	76	68	55	51	56	55	52	46	50	47	48	46	....	....	....	56.4
	Minimum	32	23	29	28	16	33	25	17	19	11	28	33	29	29	31	31	38	40	31	23	26	30	32	28	19	19	21	35	....	....	....	27.0
Ozark	Maximum	47	50	63	56	52	60	50	34	31	38	42	52	60	69	69	72	60	55	47	50	52	59	52	41	38	39	47	43	....	....	....	51.0
	Minimum	33	21	33	17	14	28	12	12	11	11	20	26	26	29	33	35	35	36	32	23	27	25	25	20	22	18	21	34	....	....	....	24.2
Paragould	Maximum	47	47	58	34	41	59	31	32	34	42	43	49	49	69	69	70	59	57	56	58	59	59	59	37	37	42	50	....	....	....	....	[a]49.9
	Minimum	20	19	29	16	16	17	25	7	9	10	15	22	26	28	30	30	28	30	31	32	31	31	21	21	23	21	23	22	....	....	....	22.6
Perryville	Maximum	50	55	61	56	59	61	57	36	34	46	41	51	50	70	73	75	65	60	45	50	54	61	57	44	42	40	49	44	....	....	....	53.1
	Minimum	27	16	26	19	20	15	20	11	12	9	21	29	22	27	32	33	31	31	27	22	21	24	25	20	22	19	19	32	....	....	....	22.6
Pine Bluff	Maximum	51	52	62	56	44	64	55	39	36	44	44	56	61	70	72	74	65	61	46	43	51	55	50	45	46	46	47	41	....	....	....	52.7
	Minimum	34	26	30	26	20	35	28	16	18	16	27	31	32	35	42	47	35	41	30	25	30	33	30	23	25	25	26	33	....	....	....	29.4
Pocahontas	Maximum	45	46	55	53	42	59	54	27	29	42	41	49	56	70	65	66	59	54	35	46	48	56	54	43	38	40	45	44	....	....	....	48.6
	Minimum	27	15	29	14	13	29	19	8	9	9	16	31	25	27	32	34	26	31	24	23	25	26	18	21	22	18	18	30	....	....	....	22.1
Portland	Maximum	54	50	58	56	46	65	57	41	39	40	42	54	61	71	72	79	70	74	68	44	50	50	47	46	46	45	47	45	....	....	....	54.2
	Minimum	38	26	31	28	20	32	27	17	20	18	25	34	32	31	40	40	32	41	33	29	28	31	35	23	25	24	27	34	....	....	....	29.3
Prescott	Maximum	56	55	62	60	50	62	60	40	40	42	42	45	62	69	74	77	76	68	55	48	55	53	51	48	47	46	48	47	....	....	....	54.9
	Minimum	35	25	31	25	18	35	28	18	18	14	28	33	32	33	39	40	37	43	29	22	28	34	34	21	25	26	24	34	....	....	....	28.9
Rogers	Maximum	40	53	60	50	51	56	36	24	24	38	40	55	61	63	70	60	68	55	38	48	50	50	38	37	32	35	40	36	....	....	....	46.7
	Minimum	20	18	35	9	11	36	9	4	4	8	25	31	25	32	31	30	28	30	30	19	18	30	19	14	18	14	19	29	....	....	....	21.3
Russellville	Maximum	50	51	64	59	52	61	56	35	33	41	41	52	61	68	72	74	70	57	38	52	53	59	55	43	40	40	46	45	....	....	....	52.4
	Minimum	31	19	27	18	14	25	24	13	13	10	25	32	25	27	35	34	35	37	30	25	25	24	26	21	23	22	22	34	....	....	....	24.9
St. Charles /	Maximum	51	51	50	30	45	60	43	35	32	40	40	55	62	69	67	73	65	66	37	43	50	57	39	43	41	42	49	41	....	....	....	49.1
	Minimum	33	25	29	23	18	23	27	15	16	14	21	31	29	30	41	45	33	38	29	23	22	22	29	22	24	22	24	32	....	....	....	26.4
Searcy	Maximum	48	52	62	52	46	60	53	35	33	42	45	50	61	68	72	72	65	57	39	47	52	60	50	45	42	43	46	41	....	....	....	51.4
	Minimum	29	21	30	18	16	32	25	12	12	12	24	32	29	28	42	36	31	38	25	23	28	29	25	22	24	22	21	32	....	....	....	25.6
Sheridan	Maximum	50	53	59	56	48	63	57	38	34	43	45	54	61	69	72	73	64	54	46	48	54	55	48	45	43	44	48	53	....	....	....	52.8
	Minimum	29	22	31	22	14	13	24	17	17	12	32	32	31	36	41	42	34	41	29	26	29	31	36	19	21	24	29	34	....	....	....	27.4
Siloam Springs	Maximum	46	51	57	46	51	54	37	24	24	38	37	52	59	63	69	60	64	54	38	46	50	50	42	36	33	34	39	37	....	....	....	46.1
	Minimum	21	19	31	12	13	27	9	8	8	7	19	32	23	31	30	37	31	33	27	21	20	29	20	15	18	16	19	24	....	....	....	21.4
Stuttgart	Maximum	50	47	60	54	45	59	53	36	31	39	42	51	58	72	70	70	61	60	47	43	48	55	48	41	42	42	45	41	....	....	....	50.4
	Minimum	32	26	24	22	17	35	27	15	15	14	25	34	29	33	42	38	33	41	30	23	27	30	27	23	24	22	25	33	....	....	....	27.4
Stuttgart Evap. /	Maximum	49	50	57	31	44	59	40	35	32	39	40	51	60	68	67	71	62	65	36	43	48	55	39	41	41	42	45	40	....	....	....	48.2
	Minimum	27	24	27	23	18	19	26	16	16	13	14	30	29	30	31	37	33	33	30	24	26	28	29	24	24	22	25	26	....	....	....	25.1
Subiaco	Maximum	44	51	69	55	58	58	43	28	28	43	39	47	58	64	67	69	63	51	47	50	51	55	52	37	36	36	45	41	....	....	....	49.5
	Minimum	31	21	29	17	19	39	14	11	10	14	27	29	27	32	41	47	33	34	28	25	27	27	24	18	20	21	24	32	....	....	....	25.8
Texarkana	Maximum	55	57	62	43	51	60	49	38	38	43	41	42	62	69	72	77	70	67	38	49	55	52	45	46	46	42	48	43	....	....	....	52.1
	Minimum	34	27	35	25	19	38	20	20	20	16	32	34	32	36	40	42	41	38	31	26	30	37	27	23	27	25	25	37	....	....	....	29.9
Turnpike	Maximum	37	40	49	46	42	50	42	25	24	36	32	47	55	65	67	64	56	50	30	42	47	55	45	34	34	33	41	34	....	....	....	43.6
	Minimum	29	23	31	8	14	34	10	3	3	11	22	27	32	42	41	48	28	28	22	20	21	34	16	13	17	16	20	27	....	....	....	22.9
Waldron	Maximum	53	57	60	56	54	60	55	34	32	42	39	48	62	67	72	70	69	68	40	50	53	57	55	40	38	37	48	46	....	....	....	52.2
	Minimum	30	16	31	17	12	27	20	12	12	8	23	31	23	25	27	29	34	32	29	22	24	23	26	17	24	20	20	33	....	....	....	23.1
Warren	Maximum	55	50	61	56	49	61	56	39	38	43	49	53	62	69	70	77	71	71	59	45	53	45	47	47	46	45	48	45	....	....	....	53.9
	Minimum	34	25	33	25	20	37	33	16	19	15	34	34	32	31	43	47	38	38	32	26	28	34	35	22	23	24	26	34	....	....	....	29.9
White Rock	Maximum	45	42	57	49	47	54	41	29	26	36	29	49	56	64	69	66	57	50	37	45	49	57	47	37	34	34	39	34	....	....	....	45.7
	Minimum	36	22	32	6	14	30	8	3	3	9	21	26	32	38	42	48	31	28	23	22	21	31	16	12	15	15	19	26	....	....	....	22.6
Wilson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily River Stages for February, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.5	4.4	4.6	4.5	4.0	3.6	3.7	3.6	3.7	3.6	3.5	3.2	3.1	3.2	3.6	3.7	3.5	3.4	3.2	3.0	3.4	3.4	3.7	3.6	3.6	3.3	3.0	3.4	....	....	....
Van Buren	do	22	5.3	5.2	5.3	5.3	4.8	4.4	4.7	4.6	4.7	4.6	4.5	4.3	4.1	4.2	4.5	4.5	4.4	4.4	4.2	3.9	4.3	4.2	4.6	4.6	4.3	4.0	3.8	4.1	....	....	....
Danville	Petit Jean	20	4.6	4.4	4.3	4.0	4.0	3.7	3.6	3.6	3.6	3.5	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.3	3.4	3.4	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2	....	....	....
Ozark	Arkansas	22	1.9	1.8	1.6	1.7	1 7	1.6	1.5	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	0.9	....	....	....
Dardanelle	do.	22	3.2	3.4	3.4	3.3	3.2	3.1	2.8	2.6	2.6	2.7	2.7	2.7	2.6	2.5	2.3	2.5	2.5	2.5	2.5	2.4	2.2	2.1	2.3	2.6	2.6	2.6	2.4	2.2	....	....	....
Morrilton	do.	20	-1.6	-1.8	-1.6	-1.8	-1.8	-1.9	-2.0	-2.4	-2.7	-2.8	-2.6	-2.4	-2.5	-2.6	-2.8	-2.8	-2.7	-2.6	-2.6	-2.7	-3.0	-3.0	-3.2	-2.8	-2.7	-2.8	-2.8	-3.1	....	....	....
Little Rock	do.	23	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.6	1.7	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.6	....	....	....
Pine Bluff	do.	25	3.6	3.5	3.2	3.3	3.2	3.0	3.0	2.9	2.7	2.4	2.2	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.9	1.9	1.9	1.8	1.8	1.6	1.5	1.6	1.8	1.9	....	....	....
Gilbert	Buffalo	30	4.4	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	....	....	....
Black Rock	Black	14	5.8	5.8	6.7	6.6	6.4	6.3	6.0	5.8	5.7	5.5	5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.2	4.2	4.2	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.5	....	....	....
Forsyth, Mo.	White	30	2.6	1.5	3.4	2.6	1.3	2.4	1.3	1.1	1.4	1.4	1.3	1.0	1.1	1.2	1.0	1.0	2.2	1.8	1.3	1.4	3.1	1.0	1.0	1.0	1.0	1.2	1.3	1.2	....	....	....
Cotter	do	21	3.7	3.3	3.2	3.2	3.3	3.1	3.2	3.2	3.3	3.2	3.2	3.4	3.4	2.8	2.8	2.7	2.7	1.9	2.3	3.2	2.7	2.4	2.2	2.0	1.9	1.9	1.9	2.2	....	....	....
Calico Rock	do	18	3.9	3.8	3.7	3.6	3.7	3.6	3.6	3.6	3.5	3.5	3.2	3.6	3.6	3.5	3.4	3.4	3.3	3.1	3.0	3.3	3.4	3.4	3.2	3.3	3.1	3.2	2.0	2.1	....	....	....
Lock 3	do	..	9.4	9.3	9.1	8.9	8.8	9.1	8.9	8.8	8.9	8.9	8.4	8.4	8.7	8.7	8.5	8.4	8.5	8.4	8.3	8.2	8.8	8.4	8.4	8.4	8.4	8.2	7.3	7.6	....	....	....
Batesville	do	23	9.7	9.6	9.3	9.0	8.9	9.1	9.0	8.9	8.9	8.9	8.6	8.3	8.7	8.8	8.7	8.5	8.5	8.4	8.4	8.2	8.7	8.6	8.4	8.3	8.4	8.2	7.3	7.3	....	....	....
Newport	do	26	6.4	6.5	6.7	6.8	6.8	6.7	6.5	6.5	6.2	6.0	6.0	5.9	5.7	5.5	5.5	5.4	5.2	5.1	4.9	4.9	4.7	4.6	4.9	4.8	4.6	4.5	4.5	4.3	....	....	....
Augusta	do	32	19.0	19.2	19.4	19.6	19.5	19.3	19.3	19.6	19.0	18.9	18.7	18.5	18.2	18.1	18.0	18.0	17.7	17.5	17.4	17.3	17.0	16.9	17.1	17.0	16.9	16.7	16.6	16.2	....	....	....
Sugar Loaf Mt.	Little Red	..	5.8	5.4	5.1	5.0	4.9	4.8	4.7	4.6	4.6	4.4	4.4	4.2	4.2	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8	3.8	....	....	....
Georgetown	White	21	9.4	9.5	9.5	9.5	9.5	9.3	9.1	9.0	8.9	8.7	8.5	8.4	8.2	7.9	7.5	7.5	7.5	7.4	7.2	7.0	6.8	6.8	6.8	6.7	6.6	6.4	6.2	6.0	....	....	....
Des Arc	do	24	12.3	11.3	11.5	11.6	11.6	11.5	11.5	11.2	11.0	10.9	10.8	10.5	10.2	10.0	9.8	9.6	9.5	9.5	9.5	9.5	9.4	9.2	9.0	9.0	9.0	8.8	8.6	8.5	....	....	....
Clarendon	do	26	18.5	18.2	18.1	18.0	17.9	17.8	17.6	17.4	17.2	17.0	16.8	16.5	16.2	15.9	15.7	15.5	15.3	15.1	14.9	14.8	14.6	14.4	14.2	14.1	14.0	14.0	13.9	13.8	....	....	....
St. Charles	do	25	19.8	19.4	19.4	19.0	18.8	18.5	18.3	18.0	17.7	17.4	17.0	16.8	16.3	16.0	15.7	15.3	15.0	14.7	14.5	14.3	14.1	13.9	13.7	13.6	13.5	13.4	13.3	13.2	....	....	....
Glenwood	Caddo	..	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	....	....	....
Arkadelphia	Ouachita	17	5.0	4.4	4.2	4.8	5.0	4.7	4.6	4.8	4.5	4.1	4.6	6.0	5.1	4.2	4.1	4.2	4.0	4.5	4.5	5.8	5.0	4.9	4.7	3.9	3.8	3.9	3.8	3.8	....	....	....
Boughton	Little Mo.	20	7.0	6.6	6.3	6.1	5.9	5.8	5.8	5.7	5.6	5.5	5.4	5.4	5.5	5.6	5.8	5.5	5.4	5.4	5.3	5.4	5.6	5.8	5.8	5.6	5.4	5.3	5.2	5.1	....	....	....
Camden	Ouachita	26	10.5	9.8	9.3	8.4	7.8	7.7	7.7	7.4	7.3	7.2	7.0	6.5	7.2	7.5	6.2	6.8	6.8	6.6	6.2	6.9	7.8	8.9	9.3	9.0	8.4	7.5	6.9	6.6	....	....	....
Benton	Saline	20	6.6	6.3	6.2	6.0	5.8	5.8	5.8	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.2	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.1	5.0	5.0	4.9	4.9	....	....	....
Index	Red	25	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.8	8.8	8.7	8.6	8.6	8.6	8.5	8.5	8.5	8.5	8.6	8.6	8.6	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	....	....	....
Fulton	do	25	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.1	9.1	9.1	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.0	9.0	8 9	8.2	8.1	8.6	8.8	8.7	8.5	8.4	7.8	....	....	....
St. Francis	do	18	9.7	9.9	10.8	11.6	12.0	12.2	12.2	12.1	12.1	12.0	11.8	10.4	10.1	9.7	9.3	9.0	8.7	8.4	8.2	8.0	7.7	7.6	7.4	7.2	7.0	6.8	6.7	6.5	...	....	....
St. Francis L.L.	do	..	20.8	20.7	20.7	20.5	20.4	20.3	20.2	20.1	20.0	19.9	19.9	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.1	20.0	20.0	19.8	19.8	19.9	20.0	20.0	20.0	....	....	....
Marked Tree	do	17	7.4	7.3	7.3	7.2	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.8	6.0	6.6	6.6	6.7	5.7	5.1	5.1	5.0	5.0	....	...	....
Parkin	do	28	10.6	10.5	10.3	10.1	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.7	7.6	7.4	7.3	7.3	7.2	7.1	7.1	7.1	6.7	6.9	7.0	7.1	7.0	6.6	6.1	5.9	....	....	....
Madison	do	32	16.0	16.0	15.7	15.2	14.8	14.2	13.8	13.2	12.6	12.0	11.3	10.6	9.9	8.9	8.2	7.4	6.8	6.2	5.6	....	5.8	5.2	4.8	5.4	5.7	6.0	5.7	5.2	....	....	....
Helena	Mississippi	44	33.9	33.8	33.4	33.0	32.5	31.9	31.3	30.8	30.3	29.5	28.6	27.5	26.4	25.0	23.4	21.6	19.7	17.5	15.3	13.2	12.4	12.7	13.0	13.2	14.3	15.0	15.3	15.0	....	....	....
Arkansas City	do	42	28.0	28.1	28.1	27.8	27.5	27.3	26.7	26.1	25.7	25.4	24.9	24.1	23.4	22.5	21.5	20.2	19.1	17.6	16.0	14.0	12.4	11.5	11.3	11.3	11.5	12.0	12.7	13.0	....	....	....

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg: Green Mountain, Calico Rock; Index, Route 5, Texarkana: Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill; Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs: Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O. Fort Worth, Texas. 4-11--1947—1100

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Nat Hist

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. LII Little Rock, Ark., March, 1947 No. 3

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GENERAL SUMMARY

March was the third successive month with very little weather activity from the passage of LOWS over the State. Weak LOWS did move over the State on the 1, 5, 12-13, 16-17, and 27th. Another LOW moved eastward over Missouri on the 23-24th, dropping a cold front down over Arkansas. The passage of these LOWS accounted for practically all of the rain during the month; and since they were weak, the rains were light to moderate and well distributed over the month.

March was very similar to February in the fact that a tongue of cold air, extending down from Canada, covered the State most of the month. This resulted in the second coldest March in 57 years record.

The combination of the well distributed rains and moderate continuous cold was mostly favorable to agriculture. Considerable plowing was completed; fruits and berries were retarded, but permitting them to escape damaging frosts. The last general killing frost occurred over the State on the 28th.

TEMPERATURE

The March mean temperature was 45.0°, 7.5° below the 57 year average; and the second coldest March in the same period. The coldest March mean was 42.5° in 1915. All stations in the State reported deficiencies, and Benton led with a mean of 42.4°, 10.2° below the normal.

Monticello and Arkadelphia reported the highest temperatures of the month with 79°. All stations, except six, reported temperatures in the upper seventies during the latter part of the month. The lowest temperature was 5° above zero, and occurred at Devil's Knob on the 2d.

PRECIPITATION

The March total of 2.69 inches was only 57% of the 57 year average. It was not an unusually dry month though, as smaller amounts were recorded eleven times in the same period.

What precipitation did fall was well distributed over the month, but poorly distributed over the State. The average fall over the north-central counties was less than an inch, while some southern counties reported more than 6.00 inches. The following counties reported an excess of 0.10 to 2.20 inches of precipitation for March: Ouachita, Calhoun, Union, and Ashley. All other counties reported deficiencies ranging up to 4.00 inches.

The average snowfall for the month was about twice the normal fall. Many stations in the mountainous sections reported the heaviest March snows since 1942.

J.C.H.

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms					16	2								4								1	4	1			1		1		1
High Winds	4	4	1	2		2	1	1		2	1	11	9	5	4	4	5	3	1		7	2	6	26	13	2	14	5	1	2	11
Heavy Fog	1			2	6	1							1										2	3							
Sleet	1		2		1	2	18	2							2			2								1	1				
Hail																															
Killing Frost																															

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.34	10	29.45	24	9.1	27	w.	5	78	49	51	52	619
Little Rock	30.38	10	29.48	24	9.7	34	nw.	24	79	57	56	57	599
Memphis	30.36	10	29.44	24	9.6	35	sw.	24	76	56	59	56	619
Texarkana	30.33	10	29.56	24	....	34	nw.	24	79	55	57	..	503

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	79	10	5.10	....	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1 3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	83	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0.8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T.	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2 21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1.0	9	15	6	10
1935	58.7	90	18	8.29	T.	10	10	8	13
1936	57.1	88	22	2.19	T.	7	16	7	8
1937	48.7	84	14	3 04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
1939	54.4	88	19	3.71	T.	8	14	8	9
1940	52.0	88	9	2.39	0.7	7	14	7	10
1941	47.5	80	13	2.21	0.2	7	13	8	10
1942	58.0	89	18	3.95	2.0	8	15	7	9
1943	46.9	84	−6	5.66	0.2	10	13	6	12
1944	51.3	87	14	6.13	0.2	10	12	8	11
1945	58.9	92	16	11 12	0.0	13	11	6	14
1946	58.2	94	19	5.47	0.0	8	11	8	12
1947	45.0	79	5	2.69	0.9	8	12	9	10
1948									
Period	52.5	98	−6	4.74	0.5	8	13	7	11

NAT. HIST.

Climatological Data for March, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr. Mean	Departure from the normal	Highest	Date	Lowest	Date	Precipitation, in inches Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	No. of days With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Alum Fork***	Saline	755	10	45.4	− 7.7	75	31	18	3	1.97	−3.72	1.00	23	T.	7	11	13	7	w.	L. R. Water Works
Arkadelphia	Clark	200	51	46.2	− 9.6	79	31	21	2†	4.37	−0.51	1.00	12-13	0.3	12	16	5	10	nw.	W. H. Halliburton
Ashdown	Little River	329	3	47.0	......	76	22†	18	2	4.05	......	1.38	19	1.0	10	12	7	12	e.	Southwestern G. & E.
Batesville Airway	Independence	363	11	43.0	− 7.4	73	31	15	3	1.55	......	0.92	23-24	2.0	8	5	18	8	nw.	Airway Observer
Batesville Livestk.	Independence	500	6	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	University of Arkansas
Bee Branch	Van Buren	650	54	43.2	− 8.1	73	31	12	3	2.53	−2.11	1.50	23	3.0	4	12	8	11	n.	Minnie Scanlan
Benton	Saline	285	11	43.4	−10.2	76	31	14	3	2.38	......	0.72	23-24	1.0	8	20	4	7	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	41	40.6	− 7.4	71	22	10	2	1.89	−1.54	0.85	12-13	1.0	9	11	10	10	s.	E. L. Brown
Bethesda***	Independence	590	7	41.6	......	72	31	9	3	1.70	......	0.83	23	3.0	4	12	9	10	nw.	Soil Cons. Service
Black Rock	Lawrence	259	45	....	......	....	....	....	....	1.29	−3.07	0.87	23	T.	2	....	....	....	......	J. H. Ragan
Blytheville	Mississippi	252	21	....	......	....	....	17	3	1.97	−2.64	0.68	23	2.0	7	16	4	11	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	32	46.0	− 7.3	78	31	17	2†	1.92	−1.60	0.85	23	0.2	7	11	11	9	w.	F. H. Randolph
Brinkley	Monroe	205	55	45.8	− 7.5	75	31	15	3	1.47	−3.82	0.51	23	1.0	6	12	9	10	nw.	Robert L. Glover
Camden	Ouachita	116	61	47.0	− 8.3	77	23	21	2†	7.26	+2.20	1.93	13	0	10	8	16	7	n.	J. M. Knight
Camp Chaffee	Sebastian	419	3	44.4	......	78	31	18	1†	2.10	......	0.94	12-13	T.	7	9	5	17	nw.	U. S. Army
Clarendon	Monroe	172	42	....	......	....	....	....	....	1.71	−3.29	0.56	7	T.	7	....	....	....	......	B. F. Northern
Conway	Faulkner	309	63	46.5	− 7.1	77	31	18	3	2.45	−2.15	1.02	23-24	2.7	7	7	17	7	nw	G. Y. Short
Corning	Clay	293	53	43.7	− 7.1	74	31	15	3	1.57	−3.06	0.81	23-24	0.4	8	17	5	9	s.	Mrs. Laura Polk
Cotter	Baxter	440	19	....	......	....	....	....	....	1.18	−1.86	0.64	12-13	1.0	3	....	....	....	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	48.8	− 7.2	78	24†	20	3	5.49	+0.34	1.89	12-13	0	11	17	5	9	n.	U. S. Forest Service
Cummins Farm***	Lincoln	176	3	[b]48.7	......	72	21†	[c]31	4†	3.80	......	1.30	7	T.	5	11	11	9	n.	T. C. Cogbill
Danville	Yell	327	30	....	......	....	....	....	....	2.77	−1.25	1.18	23	2.2	9	....	....	....	......	J. A. Moudy
Dardanelle	Yell	330	60	47.6	− 5.7	78	31	18	3	2.79	−1.52	1.45	23	0	7	10	6	15	e.	Geo. N. Goodier
DeQueen	Sevier	426	11	48.1	− 7.6	75	21†	20	2	4.11	−0.42	1.63	23	1.0	9	12	11	8	......	L. D. McCown
Des Arc	Prairie	204	8	45.8	......	75	31	15	3	1.78	......	0.72	23	1.0	6	12	2	17	s.	Z. R. Glenn
Devils Knob***	Johnson	2350	10	[b]41.6	......	70	29†	5	2	1.57	......	0.96	12-13	1.0	5	14	4	13	nw.	U. S. Forest Service
Dumas	Desha	162	41	48.3	− 7.3	75	31	22	2†	3.81	−2.02	0.96	23	T.	12	1	21	9	n.	Ben Johnson
El Dorado	Union	270	46	48.4	− 6.1	77	27	24	2	6.11	+0.95	1.83	12-13	T.	11	16	7	8	nw.	Airway Observer
England	Lonoke	229	40	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	46	42.3	− 7.7	71	22	10	2	1.58	−2.21	0.70	12-13	1.0	7	17	4	10	nw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	9	43.0	......	73	31	12	2	1.47	......	0.63	12-13	0.2	10	8	8	15	nw.	Charles F. Ford
Fayetteville Exp	Washington	1451	59	41.0	− 8.7	71	31	9	2	1.55	−1.95	0.59	12-13	T.	10	7	14	10	s.	University of Arkansas
Fordyce	Dallas	280	6	49.3	− 5.3	78	27	20	2	4.61	−0.97	1.23	12-13	0.5	13	14	7	10	nw.	Ark. Forestry Com.
Fort Smith	Crawford	448	65	45.1	− 7.5	77	31	17	2	1.99	−1.02	1.08	11-12	T.	6	7	10	14	nw.	U. S. Weather Bureau
Fulton	Hempstead	260	61	....	......	....	....	....	....	3.86	−0.69	1.03	12-13	T.	9	....	....	....	......	Ina J. Logan
Georgetown, 2 mi, se	White	200	34	....	......	....	....	....	....	1.95	−3.07	0.66	7	2.5	5	....	....	....	......	J. S. McDonald
Gilbert	Searcy	600	21	40.2	......	76	31	8	3	0.88	−1.95	0.41	23	0	6	5	15	11	w.	D. O. Dennis
Grannis	Polk	950	27	44.8	− 6.9	73	22†	16	1	4.47	+0.10	1.54	12	2.5	10	10	10	11	e.	W. E. McVay
Gravette	Benton	1250	49	41.2	− 7.5	68	31	10	2	2.03	−1.35	1.01	13	0	5	4	12	15	nw.	J. A. Schmidt
Green Mountain***	Stone	1100	9	....	......	....	....	....	....	1.10	......	0.76	23	0	2	12	5	14	nw.	U. S. Forest Service
Harrison	Boone	1052	46	41.2	− 7.6	74	31	11	3	0.92	−2.23	0.32	13	0	5	....	....	....	......	R. C. Beene
Helena	Phillips	300	74	45.8	− 8.0	72	24†	15	3	2.80	−3.23	0.95	23	0.2	9	9	3	19	nw.	James A. Burnett
Hope 3 miles e	Hempstead	375	76	47.2	− 8.4	77	22†	21	2†	3.98	−1.10	1.12	12	T.	11	12	7	12	nw.	Univ. of Arkansas
Hot Springs	Garland	600	54	48.0	− 6.2	78	31	19	2	2.72	−2.11	0.98	23	1.0	10	14	10	7	s.	National Park Service
Jonesboro	Craighead	345	51	43.4	− 8.7	74	31	17	3	1.93	−2.84	0.78	23-24	2.0	7	9	13	9	nw.	Benedictine Sisters
Lead Hill	Boone	650	40	41.0	− 7.4	76	31	8	3	1.30	−2.39	0.27	12	2.0	6	12	9	10	nw.	F. W. Kellogg
Little Rock[a]	Pulaski	257	67	45.8	− 7.2	76	31	22	3	1.53	−3.09	0.63	23	0.7	8	11	6	14	nw.	U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	48	44.4	− 7.0	76	31	15	3	2.79	−1.38	1.53	23	2.0	5	16	6	9	e.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	....	......	....	....	....	....	2.17	−3.05	0.67	8	1.5	5	....	....	....	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	49.8	− 7.7	77	22†	22	2	4.72	+0.10	1.30	12	T.	8	16	5	10	nw.	State Agri. School
Mammoth Spring	Fulton	600	42	41.0	− 8.8	72	31	8	3	1.24	−2.16	0.40	23	0.5	6	16	3	12	w.	L. A. O'Neal
Marianna	Lee	235	35	45.2	− 8.4	72	31	22	2	2.03	−2.85	0.79	23	0	6	12	4	15	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	42	42.4	− 8.0	74	31	14	3	2.34	−2.82	0.62	5	3.2	6	13	13	5	s.	Chas. Walton
Marshall	Searcy	1050	28	42.7	− 7.6	73	22	10	3	0.64	......	0.46	23	T.	4	12	10	9	n.	Mrs. Minnie Horton
Mena	Polk	1207	58	45.4	− 7.2	76	31	16	2	2.42	−2.08	1.01	12-13	3.2	8	10	10	11	nw.	E. W. St. John
Monticello	Drew	273	6	48.2	......	79	21	23	2†	5.03	......	1.42	12	T.	9	6	15	10	n.	Airway Observer
Morrilton***	Conway	315	30	43.3	− 8.0	[a]67	22†	18	3	2.28	−1.85	1.24	23	1.4	5	16	5	10	ne.	L. A. Dicus
Mountainburg	Crawford	712	9	....	......	....	....	....	....	2.44	......	1.05	12-13	T.	6	13	1	17	n.	C. A Lovell
Mountain Home***	Baxter	800	34	42.8	− 7.0	75	31	10	3	0.95	−2.72	0.40	13-14	T.	5	11	7	13	nw.	H. N. Halbert
Mount Ida, 2 mi. c	Montgomery	702	47	44.0	− 8.1	76	31	15	3	3.89	−0.61	1.49	23	4.3	8	16	6	9	w.	J. S. Whittington
Nashville	Howard	350	8	47.6	......	78	21	21	2	3.58	......	1.04	18-19	0.5	11	16	8	7	ne.	Brice Carruth
Newport	Jackson	231	63	44.8	− 7.7	75	31	15	3	2.35	−2.44	0.80	23	1.7	6	13	2	16	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	5	43.6	......	76	31	16	3	1.27	......	0.58	7	T.	7	14	8	9	......	U. S. Engineers
Oden, 2 mi. w	Montgomery	800	19	44.8	......	75	31	18	2	3.27	−0.54	1.32	23	2.0	5	11	6	14	nw.	U. S. Forest Service
Okay	Howard	288	18	50.2	− 5.4	78	22	19	2	3.54	−1.07	0.76	12-13	T.	12	13	13	5	nw.	J. T. Hargis
Osceola	Mississippi	250	46	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	C. E. Carter
Ozark	Franklin	396	51	[a]44.6	− 8.0	[a]70	30	[a]17	2	2.38	−1.37	0.92	12-13	T.	8	8	7	16	w.	Orkney O. Milton
Paragould	Greene	275	23	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	Jene J. Coffman
Parkin, 2 mi. w	Cross	222	16	....	......	....	....	....	....	2.61	−2.71	0.92	5	3.0	5	....	....	....	......	Carroll King
Perryville	Perry	325	7	45.2	− 6.4	77	31	14	3	2.24	−1.62	0.90	23	2.0	8	8	15	8	w.	Gordon Bennett
Pine Bluff	Jefferson	215	59	47.7	− 7.3	76	31	24	2†	4.84	−0.47	1.24	5	T.	11	12	10	9	nw.	Mary T. Scheu
Pine Ridge	Montgomery	840	22	....	......	....	....	....	....	3.04	−1.24	0.98	12-13	3.4	8	11	8	12	nw.	J. R. Huddleston
Pocahontas	Randolph	300	53	42.8	− 8.2	73	31	12	2†	2.13	−2.43	0.74	23	2.0	9	19	5	7	n.	Benedictine Sisters
Portland	Ashley	122	40	49.6	− 7.3	76	24	24	2†	5.52	+0.24	2.00	12-13	T.	7	17	3	11	n.	Mrs. Pearl Newton
Prescott	Nevada	318	58	50.0	− 5.9	77	31	20	2	4.45	−0.11	1.05	18	0.7	10	18	4	9	e.	R. P. Hamby
Rogers	Benton	1300	56	42.2	− 6.8	71	31	10	2	1.95	−1.40	1.05	12-13	0.7	10	9	10	12	nw.	Howard Fowler
Russellville	Pope	526	34	46.3	− 6.1	77	31	17	3	2.41	−1.93	1.37	23-24	T.	7	10	13	8	e.	U. S. Forest Service
St. Charles	Arkansas	175	13	46.4	......	74	31	18	2	3.74	......	1.07	23-24	T.	9	16	9	6	nw.	U. S. Biological Survey
St. Francis	Clay	290	19	....	......	....	....	....	....	1.80	−3.09	0.99	23-24	0	8	....	....	....	......	Wm. S. Buckley
Searcy	White	245	36	45.2	− 7.0	75	31	17	3	2.70	−1.96	0.87	23	1.5	7	16	3	12	nw.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	6	47.4	......	77	31	21	3	2.74	......	0.68	23	1.5	12	11	11	9	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	6	42.4	......	68	31	13	2	1.75	......	1.00	12-13	0.3	8	8	14	9	n.	John Brown Univ.
Story	Montgomery	650	22	....	......	....	....	....	....	3.44	−0.53	1.74	23	1.0	5	15	5	11	n.	S. C. Story
Stuttgart	Arkansas	214	59	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	11	44.8	− 7.9	73	31	20	3	2.43	−2.68	0.77	23-24	T.	8	10	14	7	......	University of Ark.
Subiaco	Logan	750	48	44.0	− 9.1	77	31	15	2	1.90	−1.90	1.04	23	0	4	12	14	5	s.	New Subiaco Abbey
Texarkana	Miller	332	62	48.8	− 7.4	76	22	22	2	3.63	−0.67	0.95	7	T.	11	12	8	11	nw.	U. S. Weather Bureau
Turnpike***	Pope	2240	22	40.8	......	70	31	10	2	2.21	−1.83	0.95	23	1.7	9	10	9	12	se.	U. S Forest Service
Waldron	Scott	675	27	44.9	......	77	31	17	2	2.10	−1.62	0.90	23	0	3	10	14	7	nw.	William D Bivens
Warren	Bradley	206	52	48.8	− 7.2	74	21†	23	3	5.05	−0.41	1.44	12-13	0	11	14	10	7	nw.	C. N Turner
White Rock***	Franklin	2285	10	[a]41.6	......	71	31	8	2	3.06	......	1.15	12-13	T.	9	13	5	13	se.	U. S. Forest Service
Wilson	Mississippi	237	21	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	D. O. Anderson
Wynne	Cross	167	38	....	......	....	....	....	....	....	......	....	....	....	....	....	....	....	......	Guy B. Upton
State Means	....	....	..	45.0	− 7.5	79	21†	5	2	2.69	−2.05	2.00	12-13	0.9	8	12	9	10	nw.	

Daily Precipitation for March, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	T.					T.	.06	.34				.02	.81		.01								.09	.98								2.31
Alum Fork Reser.	Arkansas	.05		T.		.05	T.	.30					.18	.32		.07								1.00									1.97
Aplin[2]	Arkansas	.21					.08	.03	.63					.27		T.									1.04								2.26
Arkadelphia[2]	Ouachita	.26				.02	.72	.24	.47				.03	1.00		.03				.84				.02	.67						.07		4.37
Arkansas City[2]	Mississippi	.29			.09		.06	.53	.83					1.54						.29				T.	.68						.18		4.49
Ashdown[2]	Red	.08					.01	.43	.26		.08			.86		.08	T.			1.38					.42					.45			4.05
Augusta[2]	White	.37					1.28		.63					.13	T.	T.									.77	T.			T.				3.23
Batesville Air'y[3]	White	.01				.20		.31					.06	.03	.02									.88	.04								1.55
Batesville Livestk.[2]	White																																....
Batesville River[2]	White	.38				.19			.35					.04		.03									.88								1.87
Beaty Lake	St. Francis	.15				.11	.05	.32	.26				T.	.16		T.								.49	.05			.02					1.61
Beaver[2]	White	.21	T.				.15						.17	.65	.06						.14				.02	.09							1.49
Bee Branch	Arkansas							*	.59					.44										1.50									2.53
Beech Grove[2]	White	*				*	*	*	2.40						.04										1.01	.20		.10	.04				3.79
Beedeville[2]	White																																....
Benton[2]	Saline	.19					.09	.05	.64					.55		.07				.07					.72								2.38
Bentonville[2]	Arkansas	.06					.23						.40	.86	.05			.04			.07				*	.18		T.					1.89
Bethesda[2]	White						.46		.30					.11											.83								1.70
Big Flat[2]	White	T.	.04				.10	T.						.14							.05				.45								0.78
Big Lake Outlet[2]	St. Francis	.26	T.	T.	T.		.90		.40				.04	.09		.03		T.			.03			.01	.70			.01	.05				2.52
Black Rock[2]	White						.42	T.	T.					T.		T.		T.							.87								1.29
Blytheville[2]	St. Francis				.54	.29	.10	.20						.10										.68				.06					1.97
Booneville 3 mi. w.	Arkansas	.05				.02		.35					.22	.40		.03								.85									1.92
Booneville[2]	Arkansas	.03				T.	.01	.01	.36				.06	.49	.02	.02									.85								1.85
Boughton[2]	Ouachita	.48				T.	.70	.35	.50				T.	1.10		T.				1.32				.14	.54						.12		5.25
Bradford[2]	White	.30					.43		.43					.14	.02	.02									.79								2.13
Brinkley[3]	White	.25			T.	T.		.03	.50					.13		T.								*	.51								1.47
Burdette	Mississippi	.14				.72	.23	.09	.23					.12										.58	.10			.04					2.25
Calico Rock[2]	White	.05	T.			.02	.12							.23	.07	.03					.05				.53	.05	T.						1.15
Camden[2]	Ouachita	.39					.39	.87	.66				.02	1.93						.52				.04	.99						1.45		7.26
Camp Chaffee[2]	Arkansas	.03				.01	.01	T.	.22				.10	.94	T.	T.					T.			T.	.79								2.10
Carlisle[2]	Arkansas								.50					.25											.50								1.25
Clarendon[2]	White	.23			.01		.09	T.	.56					.28		T.	T.			.02					.52								1.71
Clinton[2]	White																																....
Cold Springs[2]	Ouachita	.17					.05	.40				.05		.73	.04	.04									.85								2.33
Conway	Arkansas					.45		.33	.34				.17	.14										1.00	.02								2.45
Corning[2]	White	.04				.06	.40							*	.08										.81	.06		.12					1.57
Cotter[2]	White	.21											T.	.64							T.				.33								1.18
Cove[2]	Red								.55					1.12		.18								.42	.82								3.09
Crossett	Ouachita	.06				.25	.16	1.32	.37				.32	1.89						.21				.69						.08	.14		5.49
Crystal Valley(nr)[2]	Arkansas																																....
Cummins Farm	Arkansas			T.		T.	T.	1.30					.30	.50					T.	.60				1.10									3.80
Danville[2]	Arkansas	.29			T.	.01	.04		.61					.61	.01	.02								.15	1.03								2.77
Dardanelle[2]	Arkansas	.23					.12		.34				.08	.54		.03									1.45								2.79
De Queen	Red			T.		.05	.07	.54					1.13	.20		.11			.22					1.63						.16			4.11
Dermott[2]	Mississippi																																....
Des Arc[2]	White	.21			T.		.05		.52					.28		T.								*	.72								1.78
Devils Knob	Arkansas	.10				.19		.09	T.				.23	.96		T.																	1.57
Dumas	Mississippi	.05		.04	.08	.02	.30	.80	.08				.10	.72		T.			T.	.54				.96						.12	T.		3.81
Eagle Gap[2]	Arkansas	.09	T.		T.	T.	.02	.10	.56					1.09		.28								.38	.80								3.32
El Dorado	Ouachita	.04				.07	.26	.99	.04				.23	1.83		T.				.33				1.42						.17	.73		6.11
Eleven Point[2]	White	.24					.40							.06	.11	T.	T.			.06					.84	.05							1.76
England	Arkansas																																....
Eureka Springs	White	.10			.10								.35	.70	.05						.18				.10								1.58
Evening Shade[2]	White	T.					.58		T.					.12	.10						T.				.91	T.		T.					1.71
Fayetteville	White	.03	T.			.21	.01						.34	.48	.14	T.		.04			.04			.10	.08			T.					1.47
Fayetteville Exp. S.	White	.06	T.			.31	.02	T.					.29	.59	.08	T.		.04			.02			.03	.11			T.					1.55
Fordyce	Arkansas	.02				.02	.05	.59	.28				.25	1.23		.05			.05	.66				1.07						.12	.22		4.61
Forester[2]	Arkansas																																....
Fort Smith[1]	Arkansas	T.	T.			.04		.18				.04	1.06	.13	T.		T.			T.	T.			.54	T.		T.						1.99
Fort Smith W. Plant[2]	Arkansas	.09					.12		.04					.36	1.27										.58								2.46
Fulton[2]	Red	.21			T.	T.	T.	.80	.39				T.	1.03		T.	.02			.48				.10	.29						.54		3.86
Garland[2]	Red	.19			T.			.75	.42				T.	1.10						.49				.25	.45						.94		4.59
Georgetown[2]	White	.34					.06		.66					.23		T.									.66				T.				1.95
Gilbert[2]	White	.15					.12						T.	.15	.01	T.					.04				.41	T.							0.88
Glenwood[2]	Ouachita							.19	.50					*	1.03	.07				.31					1.36						.12		3.58
Grannis[2]	Red	.19			T.		.18	.25	.38					1.54		.10				.37				.03	1.27					T.	.16		4.47
Gravelly[2]	Arkansas	.10				T.	.06	.04	.49				.03	.54		.07								.02	.88								2.23
Gravette	Arkansas					.26							.52	1.01							.11					.13							2.03
Greenbrier[2]	Arkansas																																....
Green Forest	White																																....
Green Mountain	White					T.	.34							T.		T.									.76	T.							1.10
Greenwood[2]	Arkansas						T.	.25						.91		T.									.67	.04							1.87
Harrison	White												.20	.32	.06									.23	.11								0.92
Helena[2]	Mississippi	.30					.11	.05	.68					.26	.21	T.				.21	.03				.95								2.80
Henderson[2]	White			T.									T.		.35						T.				.30			.03					0.68
Hope[2]	Red	.23					.04	.46	.47				.02	1.10			.05			.64				*	.65						.32		3.98
Horatio[2]	Red																																....
Hot Springs	Ouachita	T.		.25	T.	.20	.20	.25	.16				.21	.34		.08			T.	.05				.98						T.			2.72
Huntsville[2]	White																																....
Huttig Lock 7, Dam 6[2]	Ouachita	.44			T.		.09	.68	1.10				T.	2.20						.21				T.	.69						.29		5.70
Index[2]	Red	.20					.10	.75	.50					.75		T.				.50				.25	.50						.50		4.05
Jonesboro[2]	White	.31			T.		.54		.24					.04	.01	.01								T.	.78				T.				1.93
Judsonia[2]	White																																....
Lake City[2]	St. Francis						.20		.26					.17											.15				T.				0.78
Lead Hill	White	.20				.25	T.						.27	.24	T.			.12						T.	.22								1.30
Little Rock[1]	Arkansas	T.	T.	.01		.05	.01	.36					.44	.02		.01				T.	T.			.63									1.53
Lock & Dam No. 3[2]	White	.18					.30		.21					.14	.04						.02				.75	T.							1.64
Lurton[2]	White	T.					.60	.07						.93	.02	.05					.06				.73	.05							2.51
Lutherville	Arkansas		T.					*	.25				.43	.58		T.								1.53									2.79
Madison[2]	St. Francis	.45				T.	.25		.67					.15		T.	T.				T.				.65								2.17
Magnolia	Red	.04						1.02	.01				1.30	T.						.41				1.04						*	.90		4.72
Mammoth Spg[2]	White	.05					.30							.33	.06										.40			.10	T.				1.24
Marianna[2]	St. Francis	.36					.15		.58					.11						.04					.79								2.03
Marked Tree[2]	St. Francis	.36					.62		.62					.09	.03										.62								2.34
Marshall[2]	White					.06		T.						.09	T.										.46	.03							0.64
Marvell[2]	White							*	.80					.23						.27				*	.88								2.18
Melbourne[2]	White	.14					.12																		.73								0.99
Mena[2]	Ouachita	.13	T.		T.	.01	T.	.07	.42					1.01	T.	.13								.05	.60								2.42
Monticello[1]	Ouachita	.08				.16	.54	1.22					1.42	T.		T.			.04	.36				.90						.31			5.03
Morobay[2]	Ouachita	.58					.04	.76	.78				.07	1.95						.14				.07	.94						.62		5.95
Morrilton[2]	Arkansas	.19					T.	T.	.37					.45	T.	.03									1.24								2.28
Mountainburg	Arkansas	T.	T.			.15		.05					.55	1.05							T.			.62	.02								2.44
Mountain Home	White	.05				T.							T.	.10	.40						.15			.25	T.								0.95
Mountain View[2]	White	.04					.49	.04	.04						.02	T.					.04				.63	.03			T.				1.33

Daily Precipitation for March, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita					.05	.03	.37	.33				1.05	.29		.28							1.49										3.89
Mulberry[2]	Arkansas	T.	T.			T.	.05	T.	.15				.32	.93											.98								2.43
Nashville	Red			T.		.19	.04	.71					.82	.10		.05			.54	.50				.50						.09	.04		3.58
Newport[2]	White	.30					.40		.60					.15		.10									.80								2.35
Nimrod Dam[2]	Arkansas	.16			T.		.04	.06	.52				.03	.40		.06																	1.27
Oark[2]	Arkansas	T.					.30						.30	1.30											.90								2.80
Odell[2]	Arkansas	.06			.05								.14	1.20		.02					.04				.30	.01							1.82
Oden	Ouachita			T.		T.	T.	.66					.64	.50	.15									1.32									3.27
Okay	Red	.03				.03	.02	.55					.65	.11		.02			.55	.68				.50						.15	.25		3.54
Osceola[2]	Mississippi																				T.												....
Ozark[2]	Arkansas	.09				.11	.11		.24				.11	.92	.02										.78								2.38
Paragould	St. Francis																																....
Parkin[2]	St. Francis	.33	T.			T.	.92		.72	T.				.12	T.										.52								2.61
Parthenon[2]	White																																....
Perryville[2]	Arkansas	.25			.02		.03	.09	.57					.32		.06									.90								2.24
Pine Bluff[2]	Arkansas	.35	.01		.06		1.24	.15	.61					.92	T.	.01	.01			.72					.76						T.		4.84
Pine Ridge[2]	Ouachita	.35				.02		.09	.51					.98		.16								.08	.85								3.04
Pocahontas	White	.30					.37	.10						.14	.14						.06				.74	.18		.10					2.13
Portland[2]	Ouachita						.10	.85	1.35					2.00						.33					.60						.29		5.52
Prescott[2]	Ouachita	.35						.40	.50				.09	1.01		.10	.05			1.05				.10	.80								4.45
Ratcliff[2]	Arkansas							.10						1.00																			1.10
Red Star	White	.19				.16		.05					.19	.78	.20										.65	.11							2.33
Rogers	White	.02	.10	T.		.03							.41	1.05	.01		.06	.03			.14			T.	.10								1.95
Russellville	Arkansas	.02				.07		.27	T.				.22	.46		T.								1.35	.02								2.41
St. Charles[2]	White	.20			.01		.81	.15	.65		.01			.36			T.			.48					1.07								3.74
St. Francis[2]	St. Francis	.20					.22							.08	.18						.04				.99	.06		.03					1.80
Searcy[2]	White	.37					.74		.48					.17	.02	.05									.87								2.70
Sheridan	Ouachita	.24		.02	.03	.02	.02	.45	.35				.32	.52		.05			T.	.04				.68						T.			2.74
Shirley[2]	White	T.					.42		.30					.40		T.				T.					1.17								2.29
Siloam Springs	White	.06				.10	T.					T.	.39	1.00	.03	T.		.01			.06			T.	.10								1.75
Sparkman	Ouachita						.24	.26	T.				.41	1.25	T.				1.03	T.				.97						.15			4.31
Stamps	Red						.32	.85	T.												.35			1.02						.64	T.		3.18
Steve[2]	Arkansas								.70					.51											1.35								2.56
Story[2]	Ouachita	.27							.38					.93		.12									1.74								3.44
Stuttgart[2]	Arkansas																																....
Stuttgart Evap[2]	Arkansas	.28	T.		.03		.10	.02	.60					.42		T.				.21				T.	.77								2.43
Subiaco[2]	Arkansas						.11		.23					.52											1.04	T.							1.90
Sugar Grove[2]	Arkansas	.03					T.		.49					.55		T.									.80								1.87
Sugar Loaf Mt[2]	White	.20					.15		.51					*	.18	.05									1.06								2.15
Texarkana[3]	Red	.04		T.		.01	.11	.95					.92	.03		.01			.27	.22				.41						.66			3.63
Tichnor[2]	White																																....
Turnpike	Arkansas	.08	.03			.28	.05	.04	T.				.22	.53	T.	T.								.95	.03								2.21
Viola[2]	White						.57								.30									.22	.40			.14					1.63
Waldron[2]	Arkansas								.50					.70											.90								2.10
Walnut Grove	White	.05				.40	.05	.40						T.		.14								.90									1.94
Warren	Ouachita	.05				.14	.39	.94	.09				.30	1.14		T.			T.	.44				1.13					.30	.13			5.05
Whitecliffs[2]	Red	.10					.10	.35	.27				T.	.83		.05	T.			1.53											.81		4.04
White Rock	Arkansas	.05	.08			.23		.43					.14	1.15	T.	.06								.90	.02								3.06
Wilson[2]	Mississippi																																....
Wynne	St. Francis																																....
Yellville[2]	White	T.			T.	T.					T.	T.	T.	.48	T.	T.			T.					.22	T.			T.				T.	0.70

Daily Evaporation (inches), and Wind Movement (miles) for March, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	58	75	175	49	56	83	75	63	46	38	15	46	147	87	151	112	116	66	40	126	85	126	123	48	73	137	77	102	72	113	13	2,593
Hope Exp. Farm	Evap.	-003	*	*	.219	.050	.058	*	*	*	*	.401	*	.238	*	.173	*	.318	.139	.018	.181	.169	.259	*	.222	.226	.201	.167	.227	.142	*	.172	3.577
	Wind move	31	87	58	14	23	60	*	125	34	51	26	36	54	115	80	*	163	59	48	34	66	71	*	85	112	78	54	97	36	*	63	1.760
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	8	117	65	31	52	66	6	7	9	7	23	4	53	50	120	87	68	79	18	17	54	62	37	24	104	93	5	33	23	9	3	1,334
Norfolk Dam	Evap.	.014	....	....	....	.157	.003	.024	.046	.102	.090	.116	.112	.074	.031	.089	.138	.166	.076	.112	.142	.075	*	.205	.190	.058	.205	.141	.037	.180	.206	.204	3.314
	Wind move	42	90	40	30	44	53	51	86	27	29	27	44	85	60	43	64	79	37	37	45	33	34	82	34	69	58	67	44	65	51	20	1,570
Russellville	Evap.	....	....	....	.060	.032	.078	.012	.074	.054	.108	.102	.016	.044	.092	.122	.106	.126	.058	.094	.132	.176	.116	.032	.110	.174	.126	.116	.116	.124	.168	.152	3.011
	Wind move	71	72	18	16	8	64	20	16	23	23	28	31	74	6	14	155	49	15	13	42	50	23	16	59	60	25	51	21	13	31	35	1,142
Stuttgart Rice Exp. Farm	Evap.	....	....	....	.038	.063	.043	.010	*	*	.111	.066	.096	.046	.073	.060	.128	.129	*	.093	.099	.093	.191	.149	.011	.172	.163	.134	*	.205	.050	.148	2.371
	Wind move	70	110	75	45	70	80	50	90	30	60	20	40	140	185	40	45	130	40	45	25	30	90	75	210	60	105	70	90	30	50	60	2,260

Daily Temperatures for March, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	43	44	42	62	64	60	37	50	49	53	58	57	51	62	56	53	52	45	64	63	65	65	63	61	59	55	51	62	62	64	75	56.4
	Minimum	40	20	18	25	41	36	32	27	26	36	28	40	40	29	30	28	42	36	37	38	32	31	30	48	44	33	33	27	40	41	40	34.5
Arkadelphia /	Maximum	43	44	42	65	70	43	38	52	57	57	65	60	50	64	54	56	58	47	65	65	75	76	60	63	67	64	77	65	51	65	79	59.3
	Minimum	34	21	21	21	28	38	35	28	27	28	35	37	45	30	31	27	31	29	30	37	36	38	41	47	37	33	36	29	32	40	40	33.0
Ashdown /	Maximum	44	37	43	63	69	43	39	54	55	59	64	62	45	64	53	56	56	43	64	64	75	76	71	64	67	69	76	62	55	67	76	59.2
	Minimum	34	18	22	27	36	36	34	25	27	31	40	42	43	27	30	26	31	31	35	39	34	38	48	55	36	34	41	29	39	43	46	34.7
Batesville Air	Maximum	34	35	42	61	49	39	39	48	49	55	58	65	54	60	49	52	48	51	62	53	63	65	62	65	58	53	44	61	72	60	73	54.2
	Minimum	23	19	15	30	37	36	31	24	25	34	27	37	40	31	30	29	30	22	34	32	32	29	49	44	40	33	32	25	39	37	38	31.7
Batesville, Livestk /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bee Branch	Maximum	36	37	40	59	62	41	37	48	50	54	55	58	56	59	56	49	48	47	63	61	66	64	63	55	58	55	50	59	67	64	73	54.5
	Minimum	30	18	12	28	41	35	32	22	24	32	28	39	41	28	29	25	37	21	31	35	33	29	50	46	38	34	39	22	37	33	38	31.8
Benton /	Maximum	41	42	42	65	69	49	36	43	51	54	61	58	51	61	50	54	52	45	63	61	70	68	58	65	63	57	70	62	55	64	76	56.6
	Minimum	31	19	14	19	28	31	33	23	20	28	24	34	41	25	26	19	26	21	27	33	26	28	46	47	26	26	35	22	26	36	32	28.1
Bentonville /	Maximum	29	31	48	65	65	34	42	50	53	56	54	56	48	50	41	51	41	56	65	53	58	71	63	52	53	49	46	61	66	70	70	53.1
	Minimum	20	10	11	17	30	27	24	24	26	30	33	40	45	26	24	22	25	23	27	31	32	32	40	44	27	26	30	23	29	33	38	28.0
Bethesda	Maximum	33	33	50	61	50	38	38	48	48	53	58	64	53	58	48	52	45	50	63	56	63	68	64	65	58	51	41	60	65	64	72	53.9
	Minimum	29	18	9	22	40	33	33	24	20	30	22	32	42	28	27	26	29	17	30	35	26	23	38	51	40	30	31	20	36	34	30	29.2
Blytheville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	31	19	17	21	42	35	35	34	33	32	31	39	47	39	29	28	38	26	32	38	38	29	48	55	35	35	38	25	36	38	42	34.4
Booneville	Maximum	37	39	45	67	70	58	38	53	54	56	59	59	53	63	49	56	55	48	67	61	67	70	68	60	60	56	63	66	70	67	78	58.5
	Minimum	29	17	17	25	45	34	33	24	27	39	37	45	40	28	30	24	39	23	29	35	30	34	54	45	32	32	40	24	38	43	48	33.5
Brinkley	Maximum	39	39	38	62	69	65	39	44	51	57	63	62	57	61	54	52	48	48	63	58	71	70	64	71	62	57	61	60	61	65	75	57.6
	Minimum	32	20	15	25	48	32	34	26	25	31	29	40	45	32	30	25	40	22	31	40	35	34	55	51	34	37	40	25	39	39	41	33.9
Camden	Maximum	43	44	42	64	67	71	55	53	50	55	59	66	62	48	63	51	52	58	59	65	63	76	77	65	69	68	67	68	65	63	69	60.5
	Minimum	33	21	21	21	26	38	40	28	24	25	32	36	44	31	33	27	27	30	33	34	36	37	44	54	40	35	37	32	32	42	41	33.4
Conway	Maximum	40	39	48	63	65	62	39	49	53	57	62	60	58	63	57	53	51	48	65	68	70	68	63	63	63	57	58	64	66	65	77	58.5
	Minimum	34	21	18	29	42	39	33	24	27	37	31	41	43	30	30	27	43	25	34	38	34	33	53	49	35	35	40	27	40	41	38	34.5
Corning	Maximum	35	32	39	61	59	41	40	48	49	59	60	66	59	56	54	50	48	59	63	57	60	66	65	60	56	54	49	59	71	67	74	55.4
	Minimum	30	18	15	29	39	34	34	29	25	31	27	34	47	32	29	26	35	19	33	37	32	25	53	44	36	30	34	26	38	34	38	32.0
Crossett	Maximum	46	45	48	65	71	67	42	49	56	54	67	58	53	59	58	51	62	57	61	65	77	76	74	78	65	67	78	68	61	68	76	62.0
	Minimum	40	24	20	28	47	40	36	33	24	31	29	41	45	32	35	25	32	30	38	36	32	36	57	57	33	30	46	28	35	43	39	35.5
Cummins Farm	Maximum	39	38	44	62	66	68	46	43	52	56	62	64	59	61	62	53	57	60	60	61	72	65	63	68	62	55	70	61	62	64	72	58.9
	Minimum	....	....	....	31	50	46	34	31	32	34	35	40	42	38	31	31	35	39	39	42	42	38	54	52	39	37	42	31	35	38	41	c38.5
Dardanelle	Maximum	40	39	43	64	67	65	41	52	52	65	59	59	54	63	58	55	55	50	65	65	69	71	69	57	62	60	67	65	71	69	78	59.6
	Minimum	34	20	18	28	42	38	35	27	30	37	33	46	43	32	31	28	45	25	33	37	34	36	54	46	39	39	37	28	41	44	43	35.6
De Queen	Maximum	42	43	41	61	65	63	45	54	55	57	62	60	55	63	56	59	53	48	64	67	75	75	72	61	65	65	72	62	51	67	75	59.8
	Minimum	34	20	26	32	48	36	35	26	31	39	42	48	42	28	28	25	41	32	36	41	34	38	45	45	33	34	50	29	42	43	45	36.4
Des Arc	Maximum	39	40	45	60	68	68	49	43	50	55	61	64	64	61	58	52	55	52	62	59	70	70	70	69	61	60	58	60	62	64	75	58.8
	Minimum	32	19	15	28	42	36	33	24	21	35	28	39	37	30	29	27	26	24	35	38	36	33	34	49	34	37	38	26	48	48	39	32.9
Devils Knob	Maximum	....	30	40	59	57	56	36	....	50	51	49	47	45	52	42	47	44	43	62	55	60	62	58	55	55	49	56	58	70	59	70	b52.3
	Minimum	....	5	15	25	46	27	28	....	21	30	33	40	34	27	22	20	29	26	32	29	38	40	49	37	35	27	32	25	42	40	42	b30.9
Dumas	Maximum	42	42	47	65	70	65	39	46	52	55	65	62	62	61	55	54	59	45	63	59	74	71	63	72	65	60	73	62	61	67	75	59.7
	Minimum	34	22	22	32	50	37	34	31	26	38	31	44	45	37	33	28	39	28	37	42	38	38	55	51	40	36	43	30	39	44	41	36.9
El Dorado	Maximum	42	39	44	64	70	51	40	50	54	57	65	55	46	63	49	52	59	49	62	62	73	75	65	63	66	66	77	62	57	66	75	58.6
	Minimum	39	21	27	29	51	39	35	31	28	38	36	45	44	30	35	30	39	34	37	40	35	41	55	57	37	39	53	31	37	43	47	38.3
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	32	29	43	65	59	44	39	47	49	55	54	56	51	42	42	49	48	57	62	50	58	71	63	60	54	48	45	61	67	68	70	52.8
	Minimum	21	10	12	31	43	28	31	28	32	33	36	42	35	29	24	23	30	24	31	31	39	36	55	35	37	27	34	26	44	33	47	31.8
Fayetteville	Maximum	34	31	47	64	65	39	38	51	53	57	56	56	51	50	42	51	48	52	63	54	58	69	63	56	54	53	49	63	68	68	73	54.1
	Minimum	21	12	15	31	38	28	31	27	30	34	39	44	35	29	25	24	31	21	30	31	40	32	53	36	36	29	35	23	39	36	50	31.8
Fayetteville Exp. S	Maximum	33	25	46	62	65	42	38	49	50	55	54	55	50	49	40	49	46	50	62	55	57	67	62	56	52	51	48	60	64	65	71	52.5
	Minimum	18	9	12	29	42	26	28	25	25	32	35	41	34	27	23	20	29	20	26	30	37	30	53	34	33	27	33	20	35	32	48	29.5
Fordyce	Maximum	45	43	47	67	70	72	40	50	56	57	63	63	52	62	60	58	60	50	65	65	76	75	68	70	68	64	78	65	59	69	68	61.5
	Minimum	35	20	24	32	42	40	35	29	26	37	35	45	45	31	31	28	39	30	36	42	39	40	53	60	36	38	47	29	43	41	42	37.1
Fort Smith	Maximum	37	38	46	66	70	39	42	53	52	56	59	59	53	57	47	56	54	48	62	56	66	72	64	57	59	56	61	65	67	68	77	56.8
	Minimum	24	17	20	25	35	34	34	27	30	38	36	45	35	30	31	25	31	26	31	37	33	38	51	43	38	36	35	26	38	41	44	33.4
Gilbert /	Maximum	32	33	45	66	57	37	40	52	53	58	57	61	54	57	47	54	46	51	67	52	62	72	62	55	56	53	43	66	71	66	76	54.9
	Minimum	30	17	8	10	22	34	33	31	18	26	22	27	48	22	26	19	28	15	20	27	25	23	31	36	26	28	32	18	25	27	33	25.4
Grannis /	Maximum	38	39	52	59	64	39	39	53	53	57	58	58	52	62	48	53	50	47	65	61	70	73	64	58	61	63	62	60	53	66	73	56.5
	Minimum	16	19	28	34	31	31	24	28	30	36	39	40	29	25	23	23	29	35	38	39	39	44	44	35	38	41	27	35	40	42	45	33.1
Gravette	Maximum	34	28	46	61	61	39	40	48	46	56	54	55	50	47	40	50	48	53	61	52	56	67	64	62	52	51	48	60	66	67	68	52.6
	Minimum	20	10	13	30	37	27	31	26	28	30	36	41	35	26	23	21	30	23	28	31	34	34	57	34	31	27	34	21	36	35	34	29.8
Green Mountain	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Harrison	Maximum	33	32	41	64	56	47	38	48	48	53	53	62	53	55	42	50	48	54	64	69	52	65	70	54	53	48	46	63	66	67	74	53.8
	Minimum	24	13	11	30	37	30	32	28	21	33	29	40	37	27	25	20	31	18	30	31	30	25	35	36	34	26	33	19	30	26	44	28.5
Helena	Maximum	40	36	44	60	68	67	39	39	49	53	62	63	59	56	53	48	48	46	60	58	67	65	64	72	59	57	66	56	59	62	72	56.4
	Minimum	33	20	15	31	49	36	34	29	26	35	34	44	44	38	31	28	38	25	36	39	36	36	55	49	35	36	33	25	40	41	43	35.3
Hope /	Maximum	43	43	45	66	72	41	38	53	55	58	65	62	45	63	51	53	55	42	63	63	75	77	69	65	66	68	76	64	55	68	77	59.2
	Minimum	34	21	21	29	35	37	35	29	28	32	38	39	44	30	31	28	30	33	34	37	40	40	44	55	39	35	42	30	33	42	44	35.1
Hot Springs	Maximum	40	40	42	61	62	68	41	51	56	58	62	59	51	63	59	55	54	50	66	64	71	70	72	59	63	59	70	63	61	68	78	59.3
	Minimum	32	19	24	30	50	40	31	26	28	37	38	44	39	32	28	28	42	30	35	39	43	41	52	49	42	36	42	29	44	41	44	36.6
Jonesboro	Maximum	34	33	40	61	53	41	39	46	47	52	60	63	58	57	58	50	45	51	62	55	62	68	61	68	56	52	45	58	67	61	74	54.1
	Minimum	29	18	17	30	40	34	29	26	26	32	30	35	45	33	28	28	35	24	35	37	35	29	52	45	38	31	34	27	39	35	35	32.6
Lead Hill	Maximum	32	31	43	68	55	39	36	50	52	56	54	61	55	55	44	52	47	54	65	57	59	73	62	56	55	49	45	64	69	63	76	54.1
	Minimum	23	16	8	25	35	32	30	30	19	29	25	41	39	30	26	21	28	18	27	33	26	23	44	38	30	29	34	20	28	25	37	28.0
Little Rock	Maximum	38	38	42	63	70	46	39	43	49	52	57	57	52	60	48	53	48	44	61	57	69	65	60	66	60	52	66	62	58	62	76	55.3
	Minimum	28	23	22	29	46	38	33	29	30	37	33	43	42	35	29	32	36	29	39	41	39	40	52	45	40	39	38	30	43	41	40	36.2
Lutherville	Maximum	38	36	40	58	61	50	47	50	52	59	55	53	49	56	48	50	49	54	64	59	63	65	63	58	57	50	60	62	68	70	76	55.5
	Minimum	25	17	15	24	45	34	32	23	29	32	34	44	39	32	29	25	37	32	36	30	36	34	51	49	35	35	38	25	36	39	44	33.4
Magnolia	Maximum	45	42	46	66	72	68	40	53	55	58	65	62	54	63	58	55	60	49	65	63	74	77	73	68	67	68	77	65	60	67	77	61.7
	Minimum	37	22	28	32	40	39	33	29	30	38	41	47	44	31	33	29	36	36	37	39	40	46	55	57	37	38	34	31	42	43	48	37.8
Mammoth Spring	Maximum	33	28	41	61	59	39	38	49	50	53	58	63	57	55	45	48	46	52	63	59	57	65	65	55	54	50	47	62	69	63	72	53.4
	Minimum	27	15	8	24	32	32	34	29	20	30	22	34	46	26	26	27	33	11	29	35	28	23	49	38	32	29	33	21	31	31	32	28.6
Marianna /	Maximum	39	37	45	59	67	41	39	41	49	53	62	64	57	58	47	49	48	47	62	53	68	65	64	71	60	54	66	56	60	62	72	55.3
	Minimum	33	22	....	28	35	33	37	28	27	36	32	41	45	37	30	28	32	26	34	38	36	35	44	55	37	37	39	26	37	41	38	a35.1
Marked Tree /	Maximum	36	34	42	61	55	40	36	45	48	52	60	61	58	59	50	51	46	51	62	54	65	66	60	71	59	50	53	60	65	63	74	54.4
	Minimum	31	19	14	21	33	35	34	27	27	31	27	31	36	35	28	25	33	23	30	34	30	28	34	53	36	32	32	23	26	36	35	30.3
Marshall /	Maximum	32	35	45	60	55	36	37	48	50	54	55	55	53	49	42	50	46	50	69	58	66	73	64	60	56	58	51	60	70	70	64	53.9
	Minimum	23	16	10	21	49	32	32	29	21	34	32	46	49	26	27	21	33	18	38	33	36	28	52	40	33	29	36	21	40	40	32	31.5
Mena	Maximum	36	37	42	62	65	53	35	50	53	55	57	61	52	64	48	54	49	42	68	60	67	72	67	58	60	62	65	64	56	68	76	56.7
	Minimum	25	16	21	31	45	30	31	23	25	36	37	48	41	27	25	23	38	26	32	36	37	35	53	46	38	35	41	26	40	40	46	34.0
Monticello	Maximum	44	41	48	66	68	63	39	47	53	56	65	58	51	61	49	52	57	49	61	60	79	72	64	74	67	61	71	62	53	66	74	59.1
	Minimum	29	23	23	33	53	36	33	32	29	38	36	46	45	34	34	29	39	32	38	41	39	43	56	44	36	36	37	31	42	44	47	37.4
Morrilton /	Maximum	40	37	40	61	65	40	39	48	50	53	59	56	53	61	49	52	50	47	62	56	65	67	60	60	59	52	61	63	67	62	....	a54.5
	Minimum	33	20	18	20	26	38	36	25	26	28	33	35	44	32	29	30	31	25	28	33	36	34	38	45	39	37	38	28	30	41	40	32.1
Mountain Home	Maximum	36	32	40	67	57	42	40	50	62	55	56	65	58	65	45	52	50	55	65	60	58	72	62	57	65	50	47	65	70	60	75	55.9
	Minimum	23	15	10	26	38	32	33	30	20	31	28	41	39	26	27	24	32	18	29	34	27	27	52	38	38	28	33	22	31	31	39	29.7
Mt. Ida	Maximum	40	43	39	57	68	63	39	42	46	56	59	58	52	65	53	56	52	47	67	65	71	72	68	60	63	59	61	65	69	72	76	58.2
	Minimum	19	18	15	19	41	35	32	20	24	31	27	45	40	27	22	20	42	20	32	27	29	27	54	41	27	26	40	22	30	37	38	29.9
Nashville	Maximum	43	42	44	63	68	62	40	52	54	56	63	60	55	62	58	53	54	49	64	62	78	76	73	61	60	64	73	61	57	66	75	59.6
	Minimum	33	21	24	27	45	36	32	26	28	39	39	46	43	28	30	27	35	35	36	43	36	39	55	43	33	33	46	26	37	42	43	35.7
Newport	Maximum	37	36	44	61	52	44	39	48	53	55	60	63	56	60	49	52	48	51	64	54	66	68	62	72	56	54	54	60	70	63	75	55.7
	Minimum	29	21	15	31	42	35	35	27	28	35	28	35	41	34	30	30	40	24	35	39	33	30	54	50	37	35	41	26	40	38	37	34.0
Nimrod Dam /	Maximum	40	44	46	62	68	42	35	50	53	55	60	55	50	63	50	55	51	47	62	59	68	68	61	55	60	58	66	66	67	68	76	56.8
	Minimum	33	19	16	21	30	30	30	24	24	30	28	35	42	28	29	27	31	21	28	35	32	30	40	42	33	35	37	25	31	37	38	30.4
Oden	Maximum	36	39	42	67	68	39	37	52	56	57	58	59	51	60	48	48	51	44	68	61	68	73	65	56	62	61	67	67	61	70	75	57.0
	Minimum	27	18	23	24	36	33	32	25	24	35	33	45	39	30	27	26	31	23	35	35	32	31	49	47	32	31	38	25	36	36	50	32.5

Daily Temperatures for March, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	45	45	47	66	71	70	41	52	60	57	64	65	65	64	62	55	59	53	67	65	77	78	75	75	67	67	76	62	60	67	76	63.0
	Minimum	37	19	26	26	50	37	36	28	28	40	39	51	43	30	31	27	32	32	36	45	37	40	54	52	36	35	54	30	40	43	46	37.4
Ozark	Maximum	36	37	42	62	65	62	42	54	52	56	55	55	52	58	48	53	51	48	67	59	65	68	62	61	60	53	53	64	64	70	....	[a]55.8
	Minimum	30	17	18	24	37	36	33	25	30	38	39	44	41	29	32	27	38	25	32	34	33	37	46	45	35	37	36	26	35	39	....	[a]33.3
Paragould	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville	Maximum	40	40	46	64	68	62	39	50	51	61	58	65	61	65	59	54	52	47	65	61	69	69	65	62	61	59	63	65	67	64	77	59.0
	Minimum	31	20	14	18	40	39	25	23	32	35	34	44	41	26	29	26	39	20	30	35	30	29	50	40	36	30	34	22	34	35	35	31.5
Pine Bluff	Maximum	43	42	43	63	72	59	40	46	53	54	63	59	52	62	49	53	51	48	61	58	73	68	64	69	65	57	67	63	60	67	76	58.1
	Minimum	35	24	24	29	47	39	34	31	29	39	33	44	43	34	30	30	40	30	38	44	40	39	54	50	40	38	40	32	42	43	42	37.3
Pocahontas	Maximum	36	33	43	59	56	40	40	50	50	56	59	59	58	57	55	50	47	52	63	59	61	65	62	60	56	55	48	61	72	68	73	54.9
	Minimum	29	12	12	30	37	26	35	28	25	31	28	36	46	28	29	26	35	19	32	31	31	26	51	43	40	29	34	24	32	34	31	30.6
Portland	Maximum	45	47	47	65	68	65	40	46	53	56	71	58	54	61	59	54	63	52	61	60	75	74	68	76	69	63	75	60	60	66	74	60.8
	Minimum	38	24	24	32	50	38	36	33	28	38	33	45	47	37	35	31	39	32	38	42	39	40	58	57	40	38	45	31	40	43	42	38.5
Prescott	Maximum	42	44	42	65	72	65	40	52	56	58	65	61	54	63	63	55	55	54	64	65	76	76	74	69	68	66	76	67	62	68	77	61.7
	Minimum	38	20	26	31	48	37	35	30	28	39	38	46	44	33	31	29	40	33	35	45	41	42	54	56	39	38	52	33	41	43	45	38.4
Rogers	Maximum	33	30	48	64	64	41	40	49	52	59	55	55	50	50	40	50	47	57	64	54	58	70	63	60	54	49	46	62	66	69	71	53.9
	Minimum	20	10	13	27	41	28	31	27	26	33	35	41	35	27	21	20	30	22	30	31	36	32	55	35	34	27	34	24	37	33	46	30.4
Russellville	Maximum	39	38	43	62	65	65	40	52	53	55	59	56	53	60	55	54	53	49	66	58	67	69	65	57	61	58	64	64	70	64	77	57.8
	Minimum	34	20	17	23	41	38	38	26	29	37	37	44	43	30	31	29	42	24	31	36	32	33	53	46	39	37	38	27	38	43	44	34.8
St. Charles/	Maximum	41	37	49	62	69	41	38	39	51	53	64	64	56	60	58	51	50	50	63	56	69	68	67	71	62	57	70	60	60	66	74	57.3
	Minimum	34	18	19	30	35	39	32	30	23	31	29	42	48	38	32	30	35	26	33	41	31	38	44	55	45	40	44	29	41	43	42	35.4
Searcy	Maximum	39	40	45	61	62	50	39	46	50	54	60	63	57	61	51	51	48	50	63	57	70	68	60	66	60	55	55	60	65	62	75	56.2
	Minimum	30	20	17	31	41	37	33	25	27	35	30	40	43	31	29	28	41	25	35	39	32	34	54	51	37	36	40	27	39	39	35	34.2
Sheridan	Maximum	41	42	44	66	70	66	39	49	52	56	61	58	54	62	58	54	55	46	65	65	71	68	63	70	64	56	72	65	55	67	77	59.1
	Minimum	34	28	21	29	45	38	34	29	31	36	34	43	44	34	28	26	41	25	35	41	33	34	53	53	34	34	40	26	39	41	44	35.7
Siloam Springs	Maximum	35	30	48	61	63	36	40	52	52	50	54	55	52	49	42	52	50	53	62	59	57	67	64	56	54	53	49	61	66	66	68	53.4
	Minimum	21	13	15	30	35	29	31	26	30	34	39	44	35	28	25	21	31	23	28	32	37	32	55	36	32	29	33	23	36	36	50	31.3
Stuttgart	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart Evap./	Maximum	41	38	44	60	67	42	38	43	50	52	60	60	53	58	47	50	50	46	60	55	68	66	61	68	61	54	70	57	58	63	73	55.3
	Minimum	34	22	20	22	31	38	37	30	30	31	32	34	46	35	33	30	35	26	31	38	36	36	39	53	36	35	41	29	34	43	43	34.2
Subiaco	Maximum	36	31	48	63	62	47	38	47	50	51	57	53	53	56	45	51	50	48	61	58	60	70	63	56	53	53	61	60	71	63	77	54.7
	Minimum	28	15	16	22	42	34	30	26	31	35	35	41	39	31	29	25	37	24	32	33	36	33	52	45	39	37	36	27	41	40	44	33.4
Texarkana	Maximum	43	39	42	62	70	42	38	52	55	58	65	62	54	63	51	54	57	43	63	61	73	76	69	65	66	71	74	62	53	68	75	58.9
	Minimum	29	22	30	39	42	37	33	30	30	39	43	50	40	32	31	29	40	37	37	45	42	47	56	46	39	41	41	34	44	45	49	38.7
Turnpike	Maximum	30	28	38	57	56	55	33	47	48	51	52	51	46	52	53	52	47	43	63	53	58	62	56	53	51	49	48	55	67	60	70	51.1
	Minimum	19	10	11	26	46	27	28	22	25	30	33	41	34	28	23	22	28	26	32	30	40	38	49	38	37	27	32	25	42	34	44	30.5
Waldron	Maximum	39	37	44	62	68	53	36	49	53	55	60	61	53	61	47	55	54	46	65	62	65	73	70	60	59	58	63	65	68	68	77	57.6
	Minimum	28	17	20	20	40	33	31	20	25	36	34	47	38	27	28	26	37	23	28	37	29	32	53	43	29	30	40	24	38	35	49	32.2
Warren	Maximum	44	42	45	67	67	66	46	47	54	56	67	66	55	62	56	52	55	51	62	62	74	74	69	73	67	72	67	63	67	65	66	60.6
	Minimum	38	24	23	29	42	38	34	33	28	38	42	38	45	35	33	30	39	31	38	42	42	39	56	54	41	40	31	39	41	32	35	37.1
White Rock	Maximum	29	31	39	57	56	....	....	....	58	54	46	47	47	51	42	47	44	43	59	55	59	61	58	55	53	57	55	56	67	58	71	[c]52.0
	Minimum	19	8	18	26	46	....	....	....	22	42	35	42	32	27	22	28	28	25	31	26	28	41	49	36	37	29	32	24	41	36	42	[c]31.1
Wilson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne/	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily River Stages for March, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.4	3.7	3.7	3.6	3.2	2.8	3.4	3.4	3.6	3.7	3.4	2.9	3.1	4.8	5.6	7.0	7.2	8.8	11.8	11.3	9.8	....	....	....	....	....	....	6.4	5.8	5.5	5.1
Van Buren	do	22	4.2	4.2	4.4	4.3	4.0	3.2	4.1	4.3	4.4	4.4	4.2	3.6	3.9	5.3	6.0	7.3	7.4	9.6	12.4	12.2	10.4	....	....	....	....	7.6	7.2	7.2	6.7	6.4	6.1
Danville	Petit Jean	20	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.4	3.4	3.3	3.8	5.0	4.9	4.8	4.8	4.2	4.0	4.0	3.8	3.8	3.8	8.7	8.4	6.2	5.4	4.5	4.6	4.4	4.2
Ozark	Arkansas	22	0.9	1.7	1.2	1.2	1.2	1.0	0.8	0.8	0.9	1.0	1.0	0.9	1.0	1.3	1.4	3.0	3.8	4.1	6.6	8.0	7.0	4.5	4.4	4.4	4.4	4.1	3.7	3.5	3.4	3.1	....
Dardanelle	do	22	2.1	2.4	2.5	2.5	2.5	2.6	2.0	2.0	2.2	2.3	2.4	2.4	3.4	2.3	3.0	4.0	4.7	5.6	6.0	9.4	9.9	8.6	7.1	7.3	7.0	6.5	6.1	5.6	5.4	5.2	4.7
Morrilton	do	20	-3.2	-3.2	-2.9	-2.8	-2.8	-2.9	-3.1	-3.3	-3.3	-3.0	-3.0	-2.8	-2.8	-2.9	-2.6	-1.6	-0.8	0.2	0.6	2.8	4.8	4.3	2.7	2.2	2.6	2.2	1.7	1.1	0.6	0.3	-0.2
Little Rock	do	23	1.6	1.5	1.4	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.7	1.8	1.8	1.8	2.0	2.6	3.1	3.6	3.9	6.0	6.9	6.2	5.4	5.5	5.7	5.3	4.9	4.5	4.2	3.9
Pine Bluff	do	25	1.8	1.6	1.2	1.2	1.5	1.8	1.7	1.7	1.6	1.4	1.4	1.7	2.0	2.1	2.2	2.2	2.3	3.2	4.1	4.9	5.6	8.5	9.1	8.2	7.3	7.6	7.5	7.1	6.6	6.0	5.6
Gilbert	Buffalo	30	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.8	3.9	3.9	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.3	4.2	4.2	4.2	4.1	4.1
Black Rock	Black	14	3.5	3.6	3.5	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.8	3.7	3.8	3.8	3.8	3.7	3.8	3.9	3.9	3.9	3.9	3.8	3.9	4.1	4.6	4.2	4.1	4.1	4.0	4.1	3.9
Forsyth, Mo.	White	30	1.0	0.9	1.0	2.9	1.2	1.3	1.2	1.2	1.1	3.4	1.1	1.1	1.1	2.2	2.7	3.6	4.4	4.5	4.3	3.9	3.0	3.3	2.9	3.7	1.6	1.4	1.4	1.7	1.1	1.1	2.2
Cotter	do	21	2.4	2.0	1.8	1.5	1.5	2.3	3.2	3.0	2.9	2.1	1.8	2.8	2.8	2.9	3.0	4.1	4.0	4.4	4.5	4.4	3.9	4.0	4.1	3.7	3.8	3.7	3.5	3.4	3.3	3.2	2.5
Calico Rock	do	18	2.0	2.0	1.9	1.6	1.5	1.6	2.0	2.3	2.1	1.7	1.7	1.6	2.1	2.2	2.2	3.1	2.9	3.0	3.7	3.2	3.8	3.1	2.8	2.4	2.6	2.7	2.8	2.7	2.6	2.5	2.0
Lock 3	do	..	7.8	7.6	7.1	7.2	7.2	7.1	7.1	7.8	7.6	7.1	7.1	7.2	7.6	7.6	7.6	8.5	8.3	9.1	9.1	9.3	9.1	9.1	8.6	8.1	8.4	8.5	8.8	8.6	8.4	8.4	7.5
Batesville	do	23	7.3	7.3	7.2	6.8	6.9	6.9	6.9	7.2	7.4	7.2	6.9	7.0	7.0	7.3	7.3	8.0	8.4	8.6	8.7	9.2	8.8	8.8	8.5	8.3	7.9	8.0	8.1	8.0	7.9	7.9	7.6
Newport	do	26	4.0	3.7	3.7	3.4	3.0	3.0	3.2	3.2	3.3	3.6	3.5	3.2	3.2	3.2	3.5	3.7	3.6	4.1	4.1	4.6	4.9	5.2	4.8	4.6	4.4	4.6	4.6	4.6	4.7	4.6	4.4
Augusta	do	32	16.1	15.7	15.7	15.4	15.3	15.0	14.9	15.0	15.2	15.5	15.6	15.3	15.2	15.2	15.4	15.6	15.7	16.1	16.3	16.5	17.0	17.1	17.0	17.0	17.0	17.1	17.1	17.1	17.0	16.9	16.7
Sugar Loaf Mt.	Little Red	..	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	4.0	4.2	4.2	4.2	4.2	4.2	4.4	4.7	4.6	4.6	4.6	4.5	4.5	4.4	4.3	5.1	7.1	6.8	6.3	6.0	5.7	5.6	5.4
Georgetown	White	21	5.7	5.6	5.6	5.5	5.4	5.3	5.1	5.1	5.2	5.5	5.6	5.6	5.5	5.4	5.4	5.5	5.6	5.7	5.9	6.2	6.5	6.7	6.7	6.8	7.1	7.8	8.0	7.8	7.6	7.4	7.2
Des Arc	do	24	8.3	8.0	7.9	7.9	7.6	7.4	7.3	7.3	7.3	7.5	7.9	8.0	8.3	8.1	8.1	8.1	8.1	8.2	8.3	8.5	8.8	9.2	9.4	9.5	9.5	10.0	10.0	10.1	10.0	10.0	9.0
Clarendon	do	26	13.6	13.4	13.1	12.9	12.7	12.6	12.4	12.4	12.4	12.5	12.6	12.9	13.1	13.1	13.1	13.1	13.1	13.2	13.3	13.5	13.6	13.8	14.0	14.2	14.3	14.4	14.7	15.0	15.1	15.1	15.0
St. Charles	do	25	13.1	12.9	12.7	12.5	12.3	12.2	12.1	12.0	12.0	12.0	12.1	12.3	12.5	12.6	12.6	12.6	12.6	12.6	12.7	12.8	13.0	13.1	13.3	13.6	13.8	14.0	14.2	14.4	14.6	14.7	14.5
Glenwood	Caddo	..	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.8	5.0	5.0	5.0	5.0	7.6	6.5	6.0	5.8	5.7	5.7	5.5	5.4	5.0	4.9	4.9	6.7	6.0	5.8	5.8	5.5	5.4	5.2	5.0
Arkadelphia	Ouachita	17	5.7	4.8	3.9	4.0	4.0	4.5	4.3	4.9	4.8	4.5	4.4	5.1	7.1	8.1	7.2	7.7	7.4	7.8	8.0	7.9	7.0	5.8	6.0	8.0	8.6	8.4	9.8	8.0	7.8	6.3	5.6
Boughton	Little Mo.	20	5.3	4.4	5.5	5.4	5.2	5.4	5.6	7.0	8.0	7.9	7.2	6.8	8.6	11.4	13.2	11.9	9.7	8.5	9.4	11.9	12.1	10.6	8.8	8.8	11.8	12.9	10.7	9.1	8.4	7.6	7.5
Camden	Ouachita	26	6.5	7.1	8.2	8.0	7.3	7.3	6.9	8.3	9.9	11.9	12.4	11.5	12.1	15.5	18.5	19.8	19.5	19.0	18.5	18.0	18.0	18.1	17.4	16.9	17.9	19.0	19.5	19.9	19.4	17.8	15.5
Benton	Saline	20	5.0	5.0	5.0	5.0	5.0	4.9	4.9	5.1	5.9	6.1	6.3	6.1	6.3	7.4	7.3	7.2	7.0	6.5	6.3	6.1	5.9	5.8	5.7	7.0	8.7	7.8	7.4	7.0	6.7	6.5	6.3
Index	Red	25	8.4	8.2	7.9	7.9	7.9	7.8	7.8	7.6	7.5	7.5	7.4	7.4	7.4	7.4	11.8	13.2	12.2	11.3	10.4	10.2	10.2	10.8	11.2	10.7	10.8	14.3	14.1	12.2	11.5	10.0	9.5
Fulton	do	25	7.7	7.9	8.0	8.0	8.0	7.9	7.8	7.3	8.0	8.5	8.7	8.7	9.1	10.5	13.4	15.8	16.3	15.4	14.5	13.8	13.8	13.9	13.7	13.0	12.8	16.4	17.4	16.5	15.2	14.0	12.7
St. Francis	do	18	6.4	6.2	6.1	6.0	6.0	5.9	5.8	5.8	5.9	6.0	6.2	6.4	6.7	7.0	7.1	7.3	7.5	7.6	7.7	7.8	7.8	7.8	7.8	8.0	8.0	8.3	8.5	8.4	8.3	8.2	8.2
St. Francis L.L.	do	..	19.9	19.6	19.6	19.4	19.3	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.4	19.4	19.3	19.3	19.2	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.2	19.2	19.2	19.3	19.3
Marked Tree	do	17	5.0	6.4	6.4	6.4	6.3	6.4	6.4	6.4	6.7	6.6	6.6	6.6	6.6	6.6	6.5	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
Parkin	do	28	5.9	6.2	6.5	6.6	6.6	6.8	7.1	7.4	7.9	8.2	8.1	7.9	7.5	7.3	7.1	7.0	6.8	6.7	6.5	6.5	6.4	6.3	6.3	6.2	6.3	6.3	6.3	6.3	6.2	6.2	6.2
Madison	do	32	5.2	5.0	5.0	5.2	5.3	5.7	6.2	6.4	5.9	6.3	6.7	6.5	6.0	5.9	5.7	5.4	5.4	5.3	5.0	5.4	5.4	5.0	5.0	5.4	6.3	6.5	6.2	5.6	5.0	5.0	5.0
Helena	Mississippi	44	14.0	12.9	12.2	11.8	11.5	11.4	11.5	11.5	11.5	11.8	12.6	13.6	14.4	15.2	16.0	16.5	17.0	17.2	17.7	19.2	20.8	21.8	22.4	23.1	23.5	23.5	23.1	22.7	22.2	21.7	21.8
Arkansas City	do	42	12.9	12.2	11.4	10.6	10.1	9.8	9.7	9.6	9.6	9.7	9.8	10.4	11.3	12.0	12.7	13.4	13.8	14.2	14.5	15.0	16.1	17.5	18.6	19.5	20.0	20.1	20.1	19.9	19.6	19.2	18.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devil's Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill; Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord: White Rock, Route 2, Winslow

W.B.R.P.O., Fort Worth, Texas. 5-2--1947--1100

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

VOL. LII LITTLE ROCK, ARK., APRIL, 1947 NO. 4

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

April 1947 was just about an average April as compared with the 57 years of record. The temperature was 0.3° above the average and precipitation was 0.71 inch above. The rain was well distributed over the month permitting a fair amount of farm work.

Several LOWS passed over, or near, the State during the month; most of these were weak. The strongest of these LOWS developed over Texas on the 7th, and moved slowly NNE across Oklahoma. The fronts associated with this LOW caused about half of the April rainfall, which fell during the period 7th through 11th.

A cold front, part of a LOW centered over Iowa, moved into the State late the 29th, and this coupled with the warm moist air over that section created a tornado in Benton County. (See reports under Storms.)

The month, as a whole, was very favorable to agriculture. Some damage to cotton and corn occurred from the heavy rains of the 7th to 11th, which required replanting. A light to moderate frost occurred over the State on the 17th, but very little damage was reported.

Some flooding in the rivers of Arkansas occurred about the middle of the month, and again toward the end. Damage was minor, as very little planting had been completed outside the levees. Greatest loss was reported in the Clarksville area, where $1,500.00 worth of spinach was reported destroyed.

TEMPERATURE

The April mean was 61.9°, 0.3° above the 57-year average. April's extremes were comparatively mild with a low of 26° at Lead Hill on the 17th, and high of 89° at Hot Springs on the 6th. The coldest morning for the State occurred on the 17th, with practically all stations reporting their lowest April temperatures, and they ranged from 26° to 38° over the entire State.

PRECIPITATION

The April average of 5.74 inches was 0.71 inch above the 57-year average, but was by far the wettest month in 1947. The greatest fall at any one station was 9.03 inches at El Dorado; they also reported the greatest 24-hour fall, with 3.66 inches on the 7th-8th. The least monthly total was 2.87 inches at Harrison.

STORMS

Several widely scattered hail storms were reported during the month, but damage was slight, except in the one that occurred south of Little Rock on the 9th. Hailstones were described as "large as hen eggs", and remained on the ground until late in the afternoon. Roofs of four homes were destroyed, and many others were damaged. Early garden crops were completely destroyed; even then damage was small as few were in.

A severe thunderstorm struck the Greater Little Rock Area late April 19th. Strong gusty winds from the storm resulted in

Summary Continued on Page 22

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	12	..	1	2	21	..	3	34	20	35	4	4	1	2	9	4	..	..	14	18	1	2	3	7	15	..	2	15	21	32	..
High Winds	3	..	1	10	35	3	4	2	1	17	3	3	..	1	2	2	..	12	10	7	3	..	5	1	1	..	..	..	10	10	..
Heavy Fog	..	11	1	..	..	..	1	2	1	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1	..	..	..
Sleet	..	..	..	..	..	..	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hail	..	..	..	..	..	..	..	3	1	7	..	..	..	..	3	..	..	..	1	1	..	..	..	..	..	..	..	1	3	5	..
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.44	26	29.33	5	9.3	38	n.	8	83	58	56	53	144
Little Rock	30.42	26	29.51	5	10.0	36	sw.	19	85	63	58	49	117
Memphis	30.42	26	29.56	5	8.8	30	s.	5	84	59	61	57	107
Texarkana	30.41	26	29.45	4	....	43	w.	5	86	58	59	..	70

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	62.8	93	22	2.75	....	8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61.4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	99	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	8.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.63	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5.54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64.0	92	29	5.69	T.	10	11	7	12
1930	64.9	95	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2.62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	93	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0.0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
1938	62.1	94	24	4.83	0.1	8	14	7	9
1939	59.3	91	19	7.13	T.	8	13	8	9
1940	59.9	95	18	6.93	T	10	11	7	12
1941	63.7	94	32	5.04	0.0	10	10	10	10
1942	62.8	88	20	8.42	0.0	10	11	9	10
1943	62.9	95	25	3.20	0.0	7	15	8	7
1944	60.1	88	19	6.65	T.	10	10	9	11
1945	62.6	89	23	7.44	T.	13	8	11	11
1946	65.0	94	30	5.46	0.0	8	14	7	9
1947	61.9	89	26	5.74	0.0	9	10	8	12
1948									
Period	61.6	99	17	5.03	T.	9	13	8	9

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Climatological Data for April, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	10	61.9	+ 0.3	82	30	32	17	6.21	−1.19	1.39	28	0	9	9	13	8	w.	L. R. Water Works
Arkadelphia	Clark	200	51	62.8	+ 0.4	85	6	34	17	6.24	+1.01	1.95	10	0	13	8	11	11	sw.	W. H. Halliburton
Ashdown	Little River	329	3	63.3	......	84	6	32	17†	6.08	......	1.69	29-30	0	14	9	11	10	......	Southwestern G. & E.
Batesville Airway	Independence	363	11	59.8	+ 0.5	86	30	33	17	4.36	......	1.44	10	0	9	5	13	12	s.	Airway Observer
Batesville Livestk.	Independence	500	6	59.8	......	82	27	34	17	3.74	......	1.93	8	0	6	10	8	12	s.	University of Arkansas
Bee Branch	Van Buren	650	54	61.1	+ 0.4	83	30	32	17	3.13	−1.84	0.80	10	0	7	11	8	11	e.	Minnie Scanlan
Benton	Saline	285	11	....	......	....	....	....	....	7.24	......	2.80	10	0	9	13	7	10	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	41	57.2	− 0.5	86	30	30	17	7.06	+2.32	1.44	8	0	15	8	10	12	s.	E. L. Brown
Bethesda***	Independence	590	7	59.6	......	85	30	31	17	4.42	......	1.90	8	0	8	10	5	15	s.	Soil Cons. Service
Black Rock	Lawrence	259	45	....	......	....	....	....	....	6.24	+1.11	2.26	10 11	0	9	....	....	....	......	J. H. Ragan
Blytheville	Mississippi	252	21	62.0	+ 1.0	85	10	35	17	5.23	+0.76	1.70	10-11	0	9	12	8	10	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	32	62.9	+ 0.7	87	30	32	17	6.01	+1.22	1.67	10	0	9	9	10	11	e.	F. H. Randolph
Brinkley	Monroe	205	55	63.6	+ 1.6	83	10	34	17	5.63	+0.17	2.00	10	0	9	9	12	9	s.	Robert L. Glover
Camden	Ouachita	116	61	63.8	+ 0.4	86	7†	36	17	5.05	+0.26	1.66	10	0	14	6	13	11	se.	J. M. Knight
Camp Chaffee	Sebastian	419	3	61.5	......	86	30	34	17	5.56	......	1.23	10	0	13	9	6	15	e.	U. S. Army
Clarendon	Monroe	172	42	....	......	....	....	....	....	5.27	−0.22	2.17	10	0	10	....	....	....	......	B. F. Northern
Conway	Faulkner	309	63	63.6	+ 1.4	87	30	34	17	5.37	+0.38	1.36	8	0	10	8	12	10	sw.	G. Y. Short
Corning	Clay	293	53	61.2	+ 1.2	85	30	32	17	6.41	+1.42	1.74	10	0	12	11	6	13	w.	Mrs. Laura Polk
Cotter	Baxter	440	19	....	......	....	....	....	....	4.43	+0.27	0.97	24-25	0	12	....	....	....	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	64.2	+ 1.0	87	30	36	18	7.26	+2.63	1.36	7-8	0	14	9	5	16	s.	U. S. Forest Service
Cummins Farm***	Lincoln	176	3	61.6	......	82	30	39	17	4.30	......	1.70	10	0	7	8	14	8	s.	T. C. Cogbill
Danville	Yell	327	30	....	......	....	....	....	....	4.61	−0.48	1.30	10	0	13	....	....	....	......	J. A. Moudy
Dardanelle	Yell	330	60	64.6	+ 2.0	87	30	35	17	5.44	+1.06	2.12	10	0	12	5	13	12	s.	Geo. N. Goodier
DeQueen	Sevier	426	11	64.2	+ 0.9	82	6	31	17	6.67	+0.65	2.14	29-30	0	10	8	15	7	......	L. D. McCown
Des Arc	Prairie	204	8	^{c}63.2	......	82	10†	35	17	5.05	......	1.43	10	0	11	8	2	20	s.	Z. R. Glenn
Devils Knob***	Johnson	2350	10	^{c}57.6	......	81	30	31	17	6.47	......	1.65	8	0	11	13	3	14	sw.	U. S. Forest Service
Dumas	Desha	162	41	64.2	+ 1.2	84	10†	38	17	6.98	+2.22	1.81	10-11	0	13	2	19	9	s.	Ben Johnson
El Dorado	Union	270	46	63.8	− 0.7	86	30	37	17	9.03	+3.82	3.66	7-8	0	13	8	10	12	s.	Airway Observer
England	Lonoke	229	40	....	......	....	....	....	....	....	......	....	......	......	....	....	....	....	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	46	59.6	+ 0.5	85	30	34	17	5.70	+0.74	1.50	10	0	10	14	8	8	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	9	60.0	......	85	30	31	17	7.63	......	1.81	8	0	13	8	9	13	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	59	58.4	− 0.5	83	23†	29	17	6.98	+2.32	1.98	8	0	14	7	14	9	s.	University of Arkansas
Fordyce	Dallas	280	6	65.1	+ 1.5	86	19	35	17	5.99	+0.54	1.48	10	0	13	7	16	7	sw.	Ark. Forestry Com.
Fort Smith	Crawford	448	65	61.2	− 0.6	85	30	35	17	5.88	+1.94	1.29	10	0	14	7	8	15	e.	U. S. Weather Bureau
Fulton	Hempstead	260	61	....	......	....	....	....	....	....	......	....	......	......	....	....	....	....	......	Ina J. Logan
Georgetown, 2 mi. se	White	200	34	....	......	....	....	....	....	6.58	+1.49	2.05	8	0	10	....	....	....	......	J. S. McDonald
Gilbert	Searcy	600	21	58.2	......	88	30	27	17	5.41	+0.40	1.30	10	0	12	11	8	11	sw.	D. O. Dennis
Grannis	Polk	950	27	61.0	+ 0.6	80	7†	32	17	7.04	+1.22	2.06	29-30	0	12	9	7	14	se.	W. E. McVay
Gravette	Benton	1250	49	58.3	+ 1.0	83	30	29	17	6.01	+1.28	1.21	25	0	8	8	7	15	sw.	J. A. Schmidt
Green Mountain***	Stone	1100	9	....	......	....	....	34	17	5.36	......	1.08	10	0	10	9	15	6	nw.	U. S. Forest Service
Harrison	Boone	1052	46	58.5	+ 0.7	85	30	27	17	2.87	−1.78	1.03	10	0	7	....	....	....	......	R. C. Beene
Helena	Phillips	300	74	62.6	0.0	82	10	33	17	4.20	−1.37	1.50	10-11	0	14	9	3	18	se.	James A. Burnett
Hope 3 miles e	Hempstead	375	76	62.8	— 1.0	84	6	35	17	5.43	+0.12	2.85	29-30	0	15	5	9	16	......	Univ. of Arkansas
Hot Springs	Garland	600	54	64.6	+ 1.5	89	6	36	17	6.24	+0.21	1.38	19	0	13	14	6	10	s.	National Park Service
Jonesboro	Craighead	345	51	60.9	− 0.4	82	10†	35	17	5.93	+1.36	2.74	8	0	10	8	7	15	sw.	Benedictine Sisters
Lead Hill	Boone	650	40	59.5	+ 0.7	87	30	26	17	4.74	+0.76	1.12	10	0	8	13	8	9	s.	F. W. Kellogg
Little Rock*	Pulaski	257	67	62.4	+ 0.3	83	30	38	17	6.10	+0.91	2.28	10	0	11	5	8	17	sw.	U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	48	61.1	+ 0.9	84	30	33	17	7.86	+2.92	2.00	10	0	10	14	6	10	e.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	....	......	....	....	....	....	6.02	+1.80	2.45	10	0	9	....	....	....	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	66.0	+ 1.1	85	23†	35	17	5.61	+0.72	1.60	30	0	10	10	4	16	se.	State Agri. School
Mammoth Spring	Fulton	600	42	59.6	+ 0.4	88	30	28	17	4.83	−0.25	1.34	29-30	0	10	14	7	9	w.	L. A. O'Neal
Marianna	Lee	235	35	61.4	− 1.1	80	10†	36	17	4.98	+0.84	2.36	10-11	0	10	7	5	18	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	42	60.2	− 0.5	84	30	35	17	6.03	+0.38	2.10	10-11	0	10	9	13	8	n.	Chas. Walton
Marshall	Searcy	1050	28	59.5	− 0.5	•84	22	29	17	6.99	......	1.91	8	0	10	15	2	13	s.	Mrs. Minnie Horton
Mena	Polk	1207	58	62.0	+ 0.4	82	6	31	17	5.94	+0.36	1.35	29	0	12	11	8	11	sw.	E. W. St. John
Monticello	Drew	273	6	64.1	......	83	30	36	17	5.46	......	1.81	10-11	0	14	5	13	12	s.	Airway Observer
Morrilton***	Conway	315	30	60.4	− 1.3	85	30	38	17	3.52	−1.38	0.97	28	0	8	11	3	16	sw.	L. A. Dicus
Mountainburg	Crawford	712	9	....	......	....	....	....	....	6.72	......	1.32	10	0	12	13	2	15	s.	C. A Lovell
Mountain Home***	Baxter	800	34	59.3	+ 0.1	87	30	30	17	3.78	−0.86	0.90	9-10	0	9	13	5	12	s.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	61.3	+ 0.3	83	30	27	17	5.46	−0.40	1.69	28	0	11	13	4	13	sw.	J. S. Whittiugton
Nashville	Howard	350	8	63.7	......	83	6	33	17	5.18	......	1.44	30	0	13	13	10	7	ne.	Brice Carruth
Newport	Jackson	231	63	62.6	+ 0.9	85	30	38	17	6.19	+1.26	3.30	10-11	0	11	9	1	20	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	5	61.2	......	88	30	34	17	4.64	......	1.42	28	0	10	13	3	14	......	U. S. Engineers
Oden, 2 mi w	Montgomery	800	19	61.8	......	82	6†	29	17	4.99	−0.95	1.15	26	0	8	8	11	11	sw.	U. S. Forest Service
Okay	Howard	288	18	65.3	+ 0.8	84	6	33	17	4.83	+0.27	1.81	30	0	12	8	9	13	sw.	J. T. Hargis
Osceola	Mississippi	250	46	....	......	....	....	....	....	6.24	+1.76	1.56	10-11	0	12	11	7	12	......	C. E. Carter
Ozark	Franklin	396	51	62.0	+ 0.2	84	23†	34	17	5.68	+1.07	1.38	29	0	8	9	8	13	e.	Orkney O. Milton
Paragould	Greene	275	23	^{b}61.4	......	82	30	32	17	5.05	+0.29	1.80	10	0	10	....	....	....	......	Jene J. Coffman
Parkin, 2mi. w	Cross	222	16	....	......	....	....	....	....	5.34	+1.09	2.00	10-11	0	9	....	....	....	......	Carroll King
Perryville	Perry	325	7	62.6	+ 2.5	86	30	35	17†	3.85	−1.41	2.00	29	0	4	15	9	6	se.	Gordon Bennett
Pine Bluff	Jefferson	215	59	64.6	+ 1.1	85	19	38	17	6.99	+1.56	1.91	10	0	12	9	9	12	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	22	....	......	....	....	....	....	4.51	−1.44	1.96	28	0	9	6	13	11	sw.	J. R. Huddleston
Pocahontas	Randolph	300	53	60.7	+ 0.5	88	30	35	17	6.49	+1.63	2.74	8	0	9	12	6	12	s.	Benedictine Sisters
Portland	Ashley	122	40	65.2	+ 0.6	83	30	42	17†	6.64	+1.67	2.00	10-11	0	10	6	11	13	s.	Mrs. Pearl Newton
Prescott	Nevada	318	58	66.0	+ 0.2	85	6†	38	17	6.22	+1.10	2.90	29-30	0	15	10	5	15	w.	R. P. Hamby
Rogers	Benton	1300	56	59.2	+ 0.5	84	30	31	17	6.72	+2.15	1.12	25	0	10	10	10	10	se.	Howard Fowler
Russellville	Pope	526	34	63.0	+ 1.9	87	30	35	18	4.70	+0.34	2.08	10-11	0	8	4	20	6	e.	U. S. Forest Service
St. Charles	Arkansas	175	13	63.4	......	83	10†	38	17	5.42	......	2.02	10	0	12	11	6	13	s.	U. S. Biological Survey
St. Francis	Clay	290	19	....	......	....	....	....	....	6.57	+1.80	1.50	10-11	0	12	....	....	....	......	Wm. S. Buckley
Searcy	White	245	36	62.0	+ 0.8	85	30	35	17	5.15	+0.31	2.46	10	0	12	13	3	14	sw.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	6	64.4	......	88	27	30	17	7.07	......	1.40	10	0	12	4	17	9	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	6	•58.8	......	83	30	30	17	6.73	......	1.37	24-25	0	13	11	9	10	s.	John Brown Univ.
Story	Montgomery	650	22	....	......	....	....	....	....	4.62	−1.61	2.03	28	0	9	12	7	11	s.	S. C. Story
Stuttgart	Arkansas	214	59	63.1	+ 0.8	82	10†	37	17	5.85	+0.87	2.35	10	0	13	14	7	9	s.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	11	61.4	0.0	•81	10	37	17	5.40	+1.15	2.36	10-11	0	12	11	10	9	......	University of Ark.
Subiaco	Logan	750	48	61.4	− 0.5	82	30	36	17	6.64	+2.13	1.90	10	0	11	15	7	8	s.	New Subiaco Abbey
Texarkana	Miller	332	62	65.0	+ 0.8	85	30	37	17	2.97	−1.97	0.78	30	0	16	4	10	16	s.	U. S. Weather Bureau
Turnpike***	Pope	2240	22	58.0	......	80	30	33	17	8.05	+2.73	1.70	10	0	13	12	8	10	sw.	U. S Forest Service
Waldron	Scott	675	27	62.4	......	85	30	29	17	4.82	−0.45	1.60	10	0	7	11	11	8	se.	William D Bivens
Warren	Bradley	206	52	65.6	+ 1.8	83	4†	39	17	7.90	+2.74	2.64	1	0	9	7	16	7	sw.	C. N Turner
White Rock***	Franklin	2285	10	57.4	......	79	30	33	17	7.35	......	1.38	24-25	0	15	13	7	10	sw.	U. S. Forest Service
Wilson	Mississippi	237	21	63.0	+ 2.0	86	10	36	17	6.78	+2.02	2.00	10-11	0	11	11	0	19	sw.	D. O. Anderson
Wynne	Cross	167	38	•62.0	+ 2.3	82	30	36	17	....	......	....	......	......	....	....	....	....	......	Guy B. Upton
State Means	......	....	..	61.[illegible]	+ 0.3	89	6	26	17	5.74	+0.71	3.66	7-8	0	9	10	8	12	s.	

Daily Precipitation for April, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	....	T.	....	T.	.37	....	....	....	.44	.06	1.78	....	....	....	.16	.04	....	....	....	.39	....	....	....	....	1.40	....	....	.40	.87	.31	....	6.22
Alum Fork Reser.	Arkansas	.08	....	....	T.	.61	....	....	1.23	....	T.	1.16	....	....	....	....	....	....	....	....	.65	....	....	....	T.	.42	....	....	1.39	.25	.42	....	6.21
Aplin[2]	Arkansas	....	....	....	....	.19	.09	....	....	.43	....	.61	....	....	....	....	....	....	....	....	.40	....	....	....	T.	.43	....	....	.02	1.35	.43	....	3.95
Arkadelphia[2]	Ouachita	T.	.10	....	....	.10	.10	....	....	.48	.05	1.95	....	.01	....	T.	.01	....	....	....	.80	....	....	....	....	.40	....	....	.20	.82	1.22	....	6.24
Arkansas City[2]	Mississippi	....	1.03	....	....	....	.16	....	.05	.40	.09	2.71	....	T.	T.	....	.21	....	....	....	.09	....	....	....	....	.08	.43	....	.11	.20	.46	....	6.02
Ashdown[2]	Red	.13	....	....	T.	.10	T.	....	.03	1.56	T.	.32	....	.17	....	.04	.02	.01	....	....	.39	....	....	....	....	.56	....	....	1.00	.06	1.69	....	6.08
Augusta[2]	White	....	.41	....	T.	....	.28	....	.48	.71	T.	1.23	....	....	....	....	....	....	....	....	.29	....	....	....	....	.29	....	....	....	.35	.47	....	4.51
Batesville Air'y[3]	White	.01	....	....	....	.44	....	....	1.08	....	1.44	....	....	....	....	....	....	....	....	.06	.44	....	....	....	....	.25	....	....	.12	....	.52	....	4.36
Batesville Livestk[2]	White	....	....	....	....	....	.30	....	1.55	.38	....	.74	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.28	.49	....	3.74
Batesville River[2]	White	....	....	....	....	....	.40	....	.50	.65	....	1.34	....	....	....	....	....	....	....	....	.60	....	....	....	....	.25	....	....	....	.17	.45	....	4.36
Beaty Lake	St. Francis	.53	....	....	....	.18	....	....	1.18	.27	T.	2.31	....	.05	....	.05	....	....	....	....	.18	....	....	....	T.	.60	....	....	.27	.16	.88	....	6.66
Beaver[2]	White	....	.45	....	....	.96	.03	....	.40	.61	.06	1.16	....	....	....	....	.03	....	....	....	.03	T.	....	....	.26	1.55	T.	....	....	.11	.88	....	6.53
Bee Branch	Arkansas	....	....	....	....	.55	....	....	....	....	.80	T.	....	....	....	....	....	....	....	....	.80	....	....	....	....	.24	....	....	.16	.05	.53	....	3.13
Beech Grove[2]	White	....	.14	....	.09	....	.25	....	.83	.76	.07	2.20	....	....	....	....	.04	....	....	....	.53	....	....	....	.27	....	....	....	....	....	.36	....	5.54
Beedeville[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Benton[2]	Saline	....	.07	....	....	....	.26	....	....	1.01	....	2.80	....	....	....	....	....	....	....	....	.50	....	....	....	....	.23	....	....	.21	.66	1.50	....	7.24
Bentonville[2]	Arkansas	.03	.25	....	....	*	.85	....	*	1.44	*	1.01	....	....	T.	.16	.11	....	....	....	....	....	....	....	.73	1.18	....	....	*	.45	.85	....	7.06
Bethesda[2]	White	....	....	....	....	....	.30	....	1.65	.25	....	.62	....	....	....	....	....	....	....	....	.45	....	....	....	....	.40	....	....	....	.30	.45	....	4.42
Big Flat[2]	White	....	.08	....	....	.22	....	....	1.02	.14	.19	1.43	....	....	....	....	....	....	....	....	.46	....	....	....	....	....	....	....	....	.17	.74	....	4.45
Big Lake Outlet[2]	St. Francis	....	.32	....	....	....	.25	....	.98	.64	T.	1.45	....	....	T.	T.	.04	....	....	....	.34	.03	....	....	....	.15	....	....	....	.02	.40	....	4.62
Black Rock[2]	White	....	.34	....	T.	....	.50	....	1.18	.48	*	2.26	....	....	....	....	....	....	....	....	.75	....	....	....	....	.25	....	....	....	....	.48	....	6.24
Blytheville[2]	St. Francis	.02	.21	....	....	.56	....	....	1.69	....	....	1.70	....	....	....	.14	....	....	....	....	.25	....	....	....	....	.16	....	....	....	T.	.50	....	5.23
Booneville 3 mi. w.	Arkansas	T.	....	T.	....	.50	....	....	.39	.22	1.67	....	....	.02	....	....	T.	....	....	....	.46	....	....	....	T.	1.20	....	....	1.27	....	.28	....	6.01
Booneville[2]	Arkansas	....	.03	....	....	.64	....	....	.08	.26	.12	1.80	....	.01	.03	....	.03	....	....	....	.45	....	....	....	....	1.37	....	....	.17	1.14	.44	....	6.57
Boughton[2]	Ouachita	....	.15	....	....	.41	....	....	....	.28	.09	1.46	....	....	....	....	.34	....	....	....	1.18	....	....	....	....	.47	....	....	.42	.80	1.35	....	6.95
Bradford[2]	White	....	.18	....	.03	....	.37	....	.45	.39	....	3.22	....	....	....	....	....	....	....	....	.29	....	....	....	....	.34	....	....	....	.19	.37	....	5.83
Brinkley[3]	White	....	.44	....	....	....	.17	....	....	.90	.03	2.00	....	....	....	....	....	....	....	....	.14	T.	....	....	....	.82	....	....	....	.54	.59	....	5.63
Burdette	Mississippi	.09	.19	....	.23	.43	....	....	2.41	....	....	1.80	....	....	....	.07	....	....	....	....	....	....	.22	....	....	....	....	....	....	....	.84	....	6.28
Calico Rock[2]	White	T.	....	....	....	T.	.45	....	.12	.70	.18	.87	....	....	....	....	....	....	....	....	.40	....	....	....	T.	.76	....	....	....	.18	.76	....	4.42
Camden[2]	Ouachita	.14	....	....	....	....	.16	....	.17	.38	.24	1.66	....	.02	....	....	.06	....	....	....	.41	....	....	....	....	.27	.02	....	.22	.20	1.10	....	5.05
Camp Chaffee[2]	Arkansas	T.	T.	.02	....	.48	....	....	.64	.34	.16	1.23	....	.05	T.	.59	T.	....	....	....	.14	....	....	....	....	.62	....	....	.35	.44	.50	....	5.56
Carlisle[2]	Arkansas	....	.32	....	....	.22	....	....	.45	....	....	1.61	....	....	....	....	....	....	....	....	.36	....	....	....	....	.96	....	....	.52	....	.87	....	5.31
Clarendon[2]	White	....	.45	....	....	....	.11	....	....	.33	.09	2.17	....	....	.03	....	....	....	....	....	.25	....	....	....	....	.35	....	....	....	.64	.85	....	5.27
Clinton[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cold Springs[2]	Ouachita	....	....	....	....	.35	....	....	....	.21	....	1.60	....	....	....	....	....	....	....	....	1.10	....	....	....	....	.73	....	....	.75	1.00	.20	....	5.94
Conway	Arkansas	.08	....	....	T.	.42	....	....	1.36	....	.13	.57	....	T.	....	T.	....	....	....	....	.67	....	....	....	....	.58	....	....	1.03	.12	.41	....	5.37
Corning[2]	White	....	.96	....	.01	....	.37	....	.74	.90	.23	1.74	....	....	....	....	.03	....	....	....	.30	....	....	....	.09	.40	....	....	....	....	.64	....	6.41
Cotter[2]	White	....	.33	....	....	.13	.18	....	.09	.65	.13	.88	....	....	....	....	....	....	....	....	.68	....	....	....	.11	.97	....	....	....	.08	.20	....	4.43
Cove[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Crossett	Ouachita	1.02	T.	....	.03	.12	....	.10	1.36	.22	1.30	.50	....	.06	....	....	....	....	....	....	.35	....	....	....	....	.99	....	T.	.12	.09	1.00	....	7.26
Crystal Valley (nr)[2]	Arkansas	....	.10	....	....	....	....	....	....	1.10	.18	2.67	.62	....	....	....	....	....	....	....	.38	....	....	....	....	....	....	....	.74	.12	1.03	....	6.94
Cummins Farm	Arkansas	1.10	....	....	....	.20	....	....	.40	T.	.60	1.10	....	....	....	....	T.	....	....	....	.60	....	....	....	....	....	....	....	.30	....	....	....	4.30
Danville[2]	Arkansas	....	T.	....	....	.36	.04	....	.08	.36	.06	1.30	....	.03	....	....	.02	....	....	....	.51	....	....	....	....	.56	....	....	.03	.98	.28	....	4.61
Dardanelle[2]	Arkansas	....	....	....	....	.09	.09	....	.21	.26	.36	2.12	....	.03	....	....	....	....	....	....	.71	....	....	....	....	.47	....	....	*	.75	.35	....	5.44
De Queen	Red	T.	....	....	T.	.34	....	....	.32	.04	.76	....	....	.41	....	....	.15	....	....	....	.46	....	....	....	.25	....	....	....	1.80	....	2.14	....	6.67
Dermott[2]	Mississippi	....	....	....	....	....	....	....	....	....	.05	2.28	....	.01	T.	....	....	....	....	....	.23	T.	....	....	....	.38	.39	....	.14	.37	.73	....	....
Des Arc[2]	White	....	.20	....	....	....	.40	....	.05	.82	.02	1.43	....	....	.06	....	....	....	....	....	.39	....	....	....	....	.55	....	....	....	.39	.74	....	5.05
Devils Knob	Arkansas	.02	....	....	....	.55	T.	....	1.65	.12	1.18	....	....	....	....	.14	....	....	....	....	.32	....	....	....	T.	1.12	T.	....	.42	.11	.84	....	6.47
Dumas	Mississippi	.99	.02	T.	....	.13	....	....	.65	.08	.36	1.45	....	.03	.03	....	....	....	....	....	1.35	....	....	....	....	.44	....	....	.50	T.	.95	....	6.98
Eagle Gap[2]	Arkansas	....	.03	T.	.02	.80	....	....	....	.35	.14	1.23	....	.14	....	.13	....	....	....	....	.60	....	....	....	....	.64	....	....	.67	.50	.30	....	5.55
El Dorado	Ouachita	.36	....	....	.14	.20	....	.08	3.66	.17	.08	1.38	....	.04	....	....	....	....	....	....	.96	....	....	....	....	.70	....	....	.18	....	1.08	....	9.03
Eleven Point[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	White	.40	....	....	....	.80	....	....	1.12	....	1.50	....	....	....	....	....	.10	....	....	....	.05	....	....	....	.40	.88	....	....	.23	....	.22	....	5.70
Evening Shade[2]	White	....	T.	....	....	T.	.05	....	1.20	.15	.01	.96	....	....	....	....	....	....	....	....	.03	....	....	....	....	.35	....	....	....	....	.35	....	3.10
Fayetteville	White	.28	....	....	T.	1.27	....	....	1.81	.07	1.48	....	....	.05	....	.21	T.	....	....	T.	.08	....	....	.02	.26	1.56	....	....	.46	T.	.08	....	7.63
Fayetteville Exp. S	White	.27	....	....	T.	1.01	....	....	1.98	.03	1.34	....	....	.03	....	.18	.01	....	....	T.	.05	....	....	....	.34	1.24	....	....	.47	.01	.02	....	6.98
Fordyce	Arkansas	.50	T.	....	.04	.29	....	....	.42	.39	.60	1.48	....	T.	....	.02	.01	....	....	....	.50	....	....	....	....	.29	....	....	....	.05	1.40	....	5.99
Forester[2]	Arkansas	....	....	....	....	.26	....	....	....	....	.58	....	....	....	....	....	....	....	....	....	.13	....	....	....	....	.54	....	....	.29	1.50	.48	....	3.78
Fort Smith[1]	Arkansas	.01	....	.04	T.	.71	....	....	1.10	.02	1.29	....	T.	.01	....	.33	....	....	....	.06	....	....	....	T.	.72	.04	....	....	.93	.60	.02	....	5.88
Fort Smith W. Plant[2]	Arkansas	....	.13	....	....	.39	....	....	*	1.18	.02	1.32	....	....	....	.60	....	....	....	....	.26	....	....	....	....	.98	....	....	*	1.10	.77	....	6.75
Fulton[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Garland[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Georgetown[2]	White	....	.16	....	....	....	.23	....	.55	1.50	.04	1.73	....	....	....	....	....	....	....	....	.28	....	....	....	....	.55	....	....	....	.46	1.08	....	6.58
Gilbert[2]	White	....	.01	....	....	.08	.07	....	.21	.84	.55	1.30	....	....	T.	....	....	....	....	....	.45	....	....	....	.02	.95	....	....	....	.13	.80	....	5.41
Glenwood[2]	Ouachita	....	.09	....	.05	.12	....	....	.07	.45	.03	.45	....	....	....	....	....	....	....	....	.60	....	....	....	....	.23	....	....	.45	.63	2.51	....	5.68
Grannis[2]	Red	....	....	.02	.34	T.	....	T.	....	.29	T.	.60	....	.51	....	.21	.03	....	....	....	.10	....	....	....	....	.26	....	.68	1.94	....	2.06	....	7.04
Gravelly[2]	Arkansas	....	T.	....	....	.60	....	....	.04	.22	....	1.38	....	T.	....	....	....	....	....	....	.27	....	....	....	....	.52	....	....	.18	1.36	.34	....	4.91
Gravette	Arkansas	.30	....	....	....	....	....	....	1.20	....	1.08	....	....	....	....	....	.24	....	....	....	....	....	....	....	.95	1.21	....	....	.42	....	.61	....	6.01
Greenbrier[2]	Arkansas	.15	....	T.	....	.27	....	....	.74	....	*	.75	....	T.	....	T.	T.	....	....	....	.42	....	....	....	....	.42	....	....	.92	.21	....	....	3.88
Green Forest	White	....	....	....	....	.30	....	....	.65	....	....	1.46	....	....	....	....	....	....	....	....	.52	....	....	....	.40	.99	....	....	....	....	.19	....	4.51
Green Mountain	White	....	T.	....	T.	.50	....	....	.34	.84	*	1.08	....	....	....	....	....	....	....	.38	....	....	....	T.	....	.86	....	....	.38	.54	.44	....	5.36
Greenwood[2]	Arkansas	....	.02	....	....	.53	....	....	....	.71	.19	1.72	....	....	....	2.12	....	....	....	....	.21	....	....	....	....	.99	....	....	....	.91	....	....	7.40
Harrison	White	.12	....	....	....	.55	....	....	....	.04	1.03	....	....	....	....	....	....	....	....	....	....	....	....	....	.14	.89	....	....	....	....	.10	....	2.87
Helena[2]	Mississippi	.02	.23	....	T.	....	.19	....	....	.52	....	1.47	.03	.06	.04	....	....	....	....	....	.54	.02	....	....	....	.12	.03	....	....	.07	.86	....	4.20
Henderson[2]	White	....	T.	....	T.	*	.39	....	....	.50	.33	.86	....	....	....	....	....	....	....	....	1.00	....	....	....	T.	.83	....	....	....	.20	.38	....	4.49
Hope[2]	Red	.11	.12	....	....	.08	.02	....	.07	.36	.02	.52	....	T.	....	.02	.02	....	....	....	.23	....	....	....	....	.32	....	....	.60	.09	2.85	....	5.43
Horatio[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hot Springs	Ouachita	.12	....	....	.05	.42	T.	....	.63	.02	.35	.61	....	....	....	.02	....	....	....	....	1.38	....	....	....	T.	.14	....	....	1.03	.14	1.33	....	6.24
Huntsville[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Huttig Lock 7, Dam 6[2]	Ouachita	.06	1.04	....	.02	....	....	....	.44	1.01	.02	1.60	....	.07	.03	....	T.	....	....	....	.32	....	....	....	....	.52	.31	....	.15	.06	1.04	....	6.69
Index[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Jonesboro[2]	White	....	.25	....	T.	T.	.28	....	2.15	.59	.19	1.58	....	....	....	....	.03	....	....	....	.33	T.	....	....	....	.15	....	....	....	T.	.38	....	5.93
Judsonia[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lake City[2]	St. Francis	....	.11	....	....	....	.20	....	*	2.00	.51	....	....	....	....	....	.04	....	....	....	.51	....	.11	....	....	....	....	....	....	.25	....	....	3.73
Lead Hill	White	T.	....	....	....	.45	....	....	.93	.08	1.12	....	....	....	....	....	....	....	....	....	.50	....	....	....	.31	.87	....	....	....	T.	.48	....	4.74
Little Rock[1]	Arkansas	.05	....	....	T.	.24	....	T.	.51	.04	2.28	....	....	T.	T.	T.	....	....	....	.30	.04	....	....	....	....	.60	....	....	.93	.01	1.10	....	6.10
Lock & Dam No. 3[2]	White	....	T.	....	....	T.	.22	....	1.16	.38	.04	1.00	....	....	....	....	....	....	....	....	.35	T.	....	....	....	.47	....	....	....	.18	.44	....	4.24
Lurton[2]	White	....	....	....	....	.56	....	*	.63	1.14	.22	1.48	....	....	....	*	.16	....	....	....	.60	....	....	....	....	1.14	....	....	....	.54	.82	....	7.29
Lutherville	Arkansas	....	....	....	T.	1.48	....	....	.65	.05	2.00	.06	....	....	....	....	....	....	....	....	.64	....	....	....	....	1.49	....	....	1.08	.15	.26	....	7.86
Madison[2]	St. Francis	T.	.40	....	....	....	.25	....	....	1.10	.10	2.45	....	T.	....	....	....	....	....	....	.25	....	....	....	....	.45	....	....	....	.22	.80	....	6.02
Magnolia	Red	.01	....	....	....	.23	....	.50	.07	.08	....	1.59	....	....	....	....	....	....	....	....	.56	....	....	....	....	.66	....	....	.31	....	1.60	....	5.61
Mammoth Spg[2]	White	....	.30	....	....	....	.69	....	*	.35	.79	.29	....	....	....	....	....	....	....	....	.51	....	....	....	....	.56	....	....	....	.29	1.05	....	4.83
Marianna[2]	St. Francis	.12	.21	....	....	....	.10	....	....	.28	.06	2.36	....	....	....	....	....	....	....	....	.36	....	....	....	....	.60	....	....	....	.09	.80	....	4.98
Marked Tree[2]	St. Francis	....	.38	....	....	....	.12	....	.54	.50	....	2.10	....	....	....	....	.07	....	....	....	.39	....	....	....	....	.74	....	....	....	.20	.99	....	6.03
Marshall[2]	White	....	....	....	*	.48	....	....	*	1.91	....	1.70	....	....	....	....	....	....	....	....	.57	....	....	.12	....	.91	....	....	....	.24	1.06	....	6.99
Marvell[2]	White	....	.32	....	....	....	....	....	....	.56	.14	2.31	....	....	....	....	....	....	....	....	.50	....	....	....	....	.35	....	....	....	.14	.70	....	5.02
Melbourne[2]	White	....	.03	....	....	.04	.43	....	1.02	.66	....	....	....	....	....	....	....	....	....	....	1.26	....	....	....	....	.48	....	....	....	.25	.30	....	4.47
Mena[2]	Ouachita	....	T.	T.	....	.34	....	....	.44	.36	.06	1.16	....	.18	....	.09	....	....	....	....	.21	....	....	....	....	.38	....	....	1.06	1.35	.31	....	5.94
Monticello[1]	Ouachita	.78	.02	.02	T.	.12	....	.30	.44	.03	1.75	.06	T.	.01	T.	T.	....	....	....	....	.34	....	....	....	....	.51	....	....	.49	T.	.59	....	5.46
Morobay[2]	Ouachita	.48	.40	....	....	....	.24	....	.23	.97	.03	1.33	....	....	....	.12	....	....	....	....	.55	....	....	....	....	.80	.17	....	.15	.02	1.26	....	6.75
Morrilton[2]	Arkansas	....	....	....	....	.23	.49	....	....	.31	....	.48	....	....	....	....	....	....	....	....	.21	....	....	....	....	.44	....	....	....	.97	.39	....	3.52
Mountainburg	Arkansas	.12	....	.03	T.	.42	....	....	1.26	.02	1.32	....	....	....	....	.50	....	....	....	....	.29	....	....	....	.05	.96	....	....	1.08	T.	.67	....	6.72
Mountain Home	White	.08	....	....	....	.30	....	....	.50	.30	.90	....	....	....	....	....	....	....	....	....	.75	....	....	....	.10	.80	....	....	....	.05	....	....	3.78
Mountain View[2]	White	....	.08	....	....	.03	.51	....	*	1.27	....	1.10	....	....	....	....	....	....	....	....	.35	....	....	....	T.	.41	....	....	....	.13	.64	....	4.52

Daily Precipitation for April, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	.05	....	....	.05	.20	....	....	.80	.05	.72	....	....	....	....	....	....	....	....	....	.32	....	....	....	....	.34	....	....	1.69	.06	1.18	....	5.46
Mulberry[2]	Arkansas	....	.08	....	....	.68	T.	....	.13	.60	T.	.93	....	....	....	....	.09	....	....	....	....	T.	....	....	....	.78	....	....	.32	1.00	1.50	....	6.11
Nashville	Red	T.	....	....	.02	.11	....	....	.50	.02	.28	....	....	.11	....	.12	....	.03	....	....	1.06	....	....	....	....	.29	....	T.	1.13	.07	1.44	....	5.18
Newport[2]	White	....	.05	....	.07	....	.30	....	.85	.35	.05	3.30	....	....	....	....	....	....	....	....	.40	....	....	....	....	.25	....	....	....	.12	.45	....	6.19
Nimrod Dam[2]	Arkansas	....	....	....	....	.10	.01	....	....	.75	.10	.67	....	T.	....	....	....	....	....	....	.75	....	....	....	....	.44	....	....	.12	1.30	.40	....	4.64
Oark[2]	Arkansas	T.	T.	....	....	.53	T.	....	T.	1.40	T.	1.10	....	....	....	T.	....	....	....	....	.30	....	....	....	....	1.25	....	....	T.	.70	1.30	....	6.58
Odell[2]	Arkansas	.03	.02	....	.04	1.15	.02	....	.72	.35	.06	1.25	....	....	....	.30	.05	....	....	....	.34	....	....	....	.05	1.68	....	....	.54	.39	.09	....	7.08
Oden	Ouachita	T.	....	....	....	.65	....	....	.20	T.	.85	....	....	....	....	.10	....	....	....	....	.59	....	....	....	....	....	1.15	.98	T.	.47	....	....	4.99
Okay	Red	.02	....	....	T.	.10	....	....	1.06	T.	*	.11	....	.15	....	.05	....	....	....	....	.06	....	....	....	....	.61	....	....	.85	.01	1.81	....	4.83
Osceola[2]	Mississippi	....	.40	T.	....	....	.23	1.06	....	.62	.02	1.56	....	.07	....	....	.43	....	....	....	....	.35	....	....	.23	....	....	....	T.	.81	.46	....	6.24
Ozark[2]	Arkansas	....	....	....	....	.65	....	....	T	1.06	.03	1.35	....	T.	....	....	.09	....	....	....	.26	....	....	....	....	.86	....	....	....	T.	1.38	....	5.68
Paragould	St. Francis	....	....	....	.12	.22	....	....	1.51	....	.30	1.80	....	....	....	....	....	....	....	....	.44	....	....	....	.03	.25	....	....	....	.08	.30	....	5.05
Parkin[2]	St. Francis	....	.45	....	....	....	.20	....	.22	.45	....	2.00	T.	....	....	....	....	....	....	....	.45	....	....	....	....	.55	....	....	....	.34	.68	....	5.34
Parthenon[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville[2]	Arkansas	....	....	....	....	.32	....	....	....	.75	....	.78	....	T.	....	....	T.	....	....	....	T.	....	....	....	....	....	....	....	....	T.	2.00	....	3.85
Pine Bluff[2]	Arkansas	.11	.16	....	....	....	.33	....	T.	.65	.05	1.91	....	....	....	.05	....	....	....	....	1.13	....	....	....	....	.13	....	....	.09	.56	1.82	....	6.99
Pine Ridge[2]	Ouachita	....	.10	....	....	.39	....	....	....	.18	.02	.92	....	....	....	....	....	....	....	....	.51	....	....	....	....	....	....	....	.71	1.25	.43	....	4.51
Pocahontas	White	....	.22	....	....	....	.55	....	1.54	1.20	....	.58	....	....	....	....	....	....	....	....	.90	....	....	....	.95	.10	....	....	....	.45	....	....	6.49
Portland[2]	Ouachita	....	.80	....	....	....	.15	....	.15	1.15	T.	2.00	....	....	T.	....	....	....	....	....	.25	....	....	....	....	....	.97	....	.16	.16	.85	....	6.64
Prescott[2]	Ouachita	....	.10	....	T.	.10	.20	....	.01	.35	.08	.75	....	.01	....	.01	.03	....	....	....	.49	....	....	....	....	.37	....	....	.40	.42	2.90	....	6.22
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Star	White	....	.21	....	....	.75	....	....	.21	1.21	.34	.95	....	....	....	....	.04	....	....	....	.35	T.	....	....	T.	1.25	....	....	....	.29	.65	....	6.25
Rogers	White	.51	....	....	....	.86	....	....	.89	T.	1.02	....	....	....	....	.26	.09	....	....	....	T.	....	....	....	.61	1.12	....	....	.48	T.	.88	....	6.72
Russellville	Arkansas	T.	....	....	....	.24	....	....	.26	T.	2.00	.08	....	....	....	....	....	....	....	....	.51	....	....	....	....	.41	....	....	.84	T.	.36	....	4.70
St. Charles[2]	White	.26	.21	....	....	....	.21	....	....	.36	.10	2.02	....	....	.02	....	....	....	....	....	.70	....	....	....	....	.09	....	....	.09	.38	.98	....	5.42
St. Francis[2]	St. Francis	....	1.48	....	.03	....	.20	....	.30	1.25	.07	1.50	....	....	....	T.	.57	....	....	....	.30	....	....	....	....	.58	....	....	....	.04	.25	....	6.57
Searcy[2]	White	....	.16	....	....	.01	.30	....	.25	.46	.04	2.46	....	....	....	....	.09	....	....	....	.31	....	....	....	....	.34	....	....	....	.46	.27	....	5.15
Sheridan	Ouachita	.12	....	....	.01	.08	....	....	1.20	1.10	.30	1.10	....	....	....	T.	....	....	....	....	.52	....	....	....	....	.55	....	....	1.04	.01	1.04	....	7.07
Shirley[2]	White	....	....	....	.02	.10	.33	....	.58	.32	T.	1.09	....	....	....	....	....	....	....	....	.84	....	....	....	....	.33	....	....	....	.15	.53	....	4.29
Siloam Springs	White	.78	....	....	T.	.42	....	....	1.11	.10	1.21	....	....	T.	....	.10	.03	....	....	T.	.05	....	....	.10	.73	1.37	....	....	.65	....	.08	....	6.73
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	.15	....	....	.21	.23	....	....	.36	.25	.80	....	....	....	....	....	....	....	....	....	.55	....	....	....	....	.32	....	....	.40	....	1.42	....	4.69
Steve[2]	Arkansas	....	....	....	....	*	.35	....	.51	....	....	.67	....	....	....	....	....	....	....	....	.53	....	....	....	....	.50	....	....	*	1.06	.95	....	4.57
Story[2]	Ouachita	....	.11	....	....	....	.21	....	....	.32	....	.55	....	....	....	....	....	....	....	....	.52	....	....	....	....	.36	....	....	*	2.03	.52	....	4.62
Stuttgart[2]	Arkansas	....	.22	....	....	....	.21	....	.35	....	.07	2.35	....	*	.15	....	....	....	....	....	.38	....	....	*	.18	....	....	....	*	.76	1.18	....	5.85
Stuttgart Evap[2]	Arkansas	T.	.43	....	....	....	.21	....	*	.17	.06	2.36	....	T.	.16	....	.04	....	....	....	.40	....	....	....	....	.20	....	....	.01	.41	.95	....	5.40
Subiaco[2]	Arkansas	....	.09	....	....	.58	....	....	....	.58	.14	1.90	....	....	....	....	.07	....	....	....	1.06	....	....	....	....	1.30	....	....	....	.85	.07	....	6.64
Sugar Grove[2]	Arkansas	....	....	....	....	.56	....	....	....	.08	....	1.83	....	....	....	....	....	....	....	....	.97	....	....	....	....	.80	....	....	....	1.28	.15	....	5.67
Sugar Loaf Mt[2]	White	....	....	....	....	....	.45	....	....	.48	....	.70	....	....	....	....	....	....	....	....	.65	....	....	....	....	.25	.01	....	....	.10	.36	....	3.00
Texarkana[3]	Red	.05	....	T.	.02	.05	....	.16	.30	.06	.07	....	.40	.14	T.	.07	....	....	....	.11	T.	....	....	....	....	.24	....	.02	.44	.06	.78	....	2.97
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	T.	....	....	.03	1.12	....	....	1.66	T.	1.70	.10	....	....	....	.04	.11	....	....	....	.72	....	....	....	.10	1.20	....	....	.40	.10	.77	....	8.05
Viola[2]	White	....	.19	....	....	.60	....	....	....	....	.60	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.40	....	1.79
Waldron[2]	Arkansas	....	....	....	....	.35	....	....	....	....	....	1.60	....	....	....	....	....	....	....	....	.42	....	....	....	....	.62	....	....	.25	1.40	.18	....	4.82
Walnut Grove	White	.17	T.	....	....	.36	....	....	1.17	....	.94	1.44	....	....	....	....	....	....	....	....	.85	....	....	....	....	.18	....	....	.05	....	.45	....	5.61
Warren	Ouachita	2.64	....	....	....	....	....	....	.66	.06	.33	1.33	....	....	....	....	....	....	....	....	.41	....	....	....	....	.67	....	....	.50	....	1.30	....	7.90
Whitecliffs[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
White Rock	Arkansas	.37	....	....	.07	.78	....	....	1.03	.15	1.00	....	....	.04	....	.03	....	....	....	.05	.15	....	....	T.	.05	1.33	....	....	.96	.15	1.19	....	7.35
Wilson[2]	Mississippi	....	.43	....	....	....	.25	....	.40	.61	....	2.00	.10	....	.12	....	.95	....	....	....	.40	....	....	....	....	.27	....	....	....	....	1.25	....	6.78
Wynne	St. Francis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	....	....	.89	....	....	....	....	.46	....	....	.40	.39	.82	....	....
Yellville[2]	White	T.	....	....	.34	.16	....	....	*	.52	1.90	....	....	T.	....	T.	....	....	....	....	.55	....	....	....	.12	1.68	....	....	T.	.12	.25	....	5.64

Daily Evaporation (inches), and Wind Movement (miles) for April, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	.224	.224	.094	.236	.196	.288	.531	.523	.109	.157	.282	.448	.166	.204	.138	.130	.270	....	....
	Wind move	123	64	44	85	154	94	109	94	26	115	146	83	88	99	33	116	91	30	152	148	95	44	61	121	50	79	41	5	42	105	....	2,537
Hope Exp. Farm	Evap.	*	.238	.200	.086	.078	.319	.195	.200	.084	.020	.191	.189	*	.398	.150	.244	.125	.170	.212	*	.330	.156	.160	.127	.105	.117	*	*	.362	....	....	4.610
	Wind move	*	63	30	29	73	103	29	64	40	49	62	19	*	146	58	70	47	35	48	*	152	25	21	27	52	59	*	*	79	65	....	1,445
Nimrod Dam	Evap.	....	.130	.192	.060	.034	.270	.138	.214	.102	.046	.190	.222	.186	.090	.166	.252	.102	.210	.200	.306	.104	.168	.200	.170	.016	.074	.186	.230	.036	.138	....	4.585
	Wind move	54	10	7	16	68	93	17	18	6	45	104	41	24	14	12	60	50	60	55	115	90	6	18	49	79	41	11	19	16	48	....	1,246
Norfolk Dam	Evap.	.229	.069	.188	.074	.077	.373	.298	.246	.032	.090	.082	.289	.225	.159	.253	.126	.096	.222	.424	.223	.091	.144	.172	.314	.020	.032	.180	.212	.162	.126	....	5.228
	Wind move	88	22	38	49	63	148	32	50	13	82	91	51	95	30	44	54	34	50	95	128	43	24	69	78	55	14	37	21	24	114	....	1,736
Russellville	Evap.	.082	.098	.134	.038	.198	.170	.190	.108	.062	.060	.128	.130	.120	.132	.136	.174	.166	.150	.174	.192	.128	.106	.194	.168	.102	.136	.136	.098	.028	.146	....	3.884
	Wind move	14	9	38	19	64	31	31	22	29	55	44	26	25	41	13	24	52	24	20	21	69	16	42	25	45	11	6	7	10	21	....	854
Stuttgart Rice Exp. Farm	Evap.	.220	*	.124	.094	.113	.163	.168	.212	.014	.047	.211	.138	.197	.118	.083	.112	.156	.158	.242	.211	.096	.068	.079	.181	.089	.084	.150	.173	*	.062	....	3.763
	Wind move	115	35	30	50	165	125	25	65	50	90	160	50	85	70	25	70	60	60	110	110	95	50	35	65	80	65	20	30	35	95	....	2,120

(Continued from Front Page)

considerable damage to real and personal property. Damage to real property is estimated at $60,000.00. Damage to personal property was approximately $40,000.00; the major portion of this damage was to privately owned planes staked out on Adams Field. The thunderstorm, or thunderstorms, continued its eastward movement across the State and additional damage amounting to about $50,000.00 was reported. The following places reported damage: Sylamore, Searcy, Augusta, Lewisville, and Beebe. Several people were injured slightly, and the monetary damage was $150,000.00.

A tornado occurred in Benton County, beginning about 8:00 pm of April 29th. The path of the tornado was about 1000 feet in width, and 20 miles in length, and extended from about two miles west of Avoca, to a mile north of Eureka Springs. The monetary loss from this tornado was approximately $200,000.00. Nine people were killed, and more than 50 injured.

J.C.H.

Daily Temperatures for April, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	70	77	72	72	75	79	79	71	63	77	70	72	66	72	75	67	65	75	80	72	72	74	78	77	69	70	80	77	79	82	....	73.6
	Minimum	57	52	48	46	55	40	52	55	53	55	50	43	50	62	55	47	32	39	55	48	48	45	53	64	50	44	42	50	57	58	....	50.2
Arkadelphia	Maximum	66	81	75	77	79	85	81	71	68	82	77	78	70	79	77	59	70	80	84	67	76	79	80	85	62	74	79	63	82	82	....	75.3
	Minimum	43	57	53	53	66	43	49	56	55	56	50	48	54	49	53	48	34	37	45	50	43	46	49	59	55	45	44	51	55	60	....	50.2
Ashdown	Maximum	73	80	76	79	77	84	79	74	70	78	76	79	69	76	74	58	62	75	77	68	77	81	80	80	67	69	71	72	81	83	....	74.8
	Minimum	52	56	58	61	61	46	52	52	57	59	46	40	55	56	57	50	32	32	55	49	40	51	56	64	53	45	47	57	57	58	....	51.8
Batesville Air	Maximum	61	75	61	75	75	78	72	66	58	79	71	68	61	74	75	62	67	74	78	60	66	67	81	69	57	70	84	63	75	86	....	70.3
	Minimum	54	52	44	55	57	57	46	50	51	53	50	45	49	48	53	38	33	46	56	47	45	44	57	52	44	40	43	53	55	58	....	49.2
Batesville, Livestk	Maximum	63	75	75	75	78	78	73	67	70	80	72	68	64	76	75	52	66	74	78	52	67	70	80	61	68	81	82	64	75	....	....	•71.0
	Minimum	55	50	42	45	62	48	46	49	48	50	52	43	48	53	52	45	34	41	55	50	45	44	50	58	48	37	44	52	55	56	....	48.6
Bee Branch	Maximum	73	76	75	70	74	76	76	72	69	78	74	73	68	77	76	74	65	74	80	67	70	70	79	76	65	70	78	76	75	83	....	73.6
	Minimum	53	46	45	58	56	42	50	51	48	55	51	45	50	48	55	45	32	35	54	48	45	43	51	59	62	38	40	51	55	57	....	48.6
Benton	Maximum	65	77	72	77	77	81	71	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	54	46	44	48	57	37	48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bentonville	Maximum	67	75	71	78	71	70	74	70	67	67	69	67	61	75	76	63	66	75	76	47	75	76	82	49	53	68	79	70	84	86	....	70.2
	Minimum	44	38	41	50	54	43	41	47	45	50	41	45	46	40	46	35	30	36	51	39	39	43	56	45	42	35	42	51	53	57	....	44.2
Bethesda	Maximum	63	75	75	75	78	78	73	67	71	80	72	68	64	74	75	52	67	74	78	52	65	70	80	61	66	80	82	70	75	85	....	71.5
	Minimum	53	50	40	46	62	48	46	49	48	50	52	40	48	53	58	44	31	42	52	50	44	41	50	58	48	35	36	48	53	55	....	47.7
Blytheville	Maximum	67	77	70	69	80	78	74	67	60	85	76	70	62	73	76	69	65	74	80	75	58	70	83	76	64	72	80	76	81	82	....	73.0
	Minimum	55	53	44	57	58	47	47	52	50	56	59	48	49	50	55	48	35	45	52	54	44	46	57	57	51	41	47	54	57	59	....	50.9
Booneville	Maximum	73	78	74	76	77	76	75	73	69	75	75	75	69	76	76	68	69	79	80	71	75	85	79	75	71	73	82	76	84	87	....	75.7
	Minimum	56	45	52	62	57	40	50	57	54	54	46	47	51	46	60	43	32	37	58	46	37	51	62	60	48	38	41	55	58	59	....	50.1
Brinkley	Maximum	69	73	72	79	77	82	79	73	64	83	78	73	68	72	78	72	66	75	81	78	64	72	81	80	77	72	80	74	76	82	....	75.0
	Minimum	54	57	47	62	57	47	58	56	53	58	57	49	53	52	54	52	34	43	55	55	47	42	55	63	56	41	43	52	54	60	....	52.2
Camden	Maximum	76	64	80	77	81	78	86	79	76	70	84	78	78	68	79	75	60	67	79	63	65	75	81	86	82	66	74	77	75	80	....	75.3
	Minimum	42	59	52	55	68	48	50	59	56	58	56	48	54	55	56	50	36	40	50	52	43	46	50	62	65	43	46	49	57	60	....	52.2
Conway	Maximum	74	78	73	75	77	78	76	72	70	82	73	75	70	78	78	72	68	78	83	77	69	66	81	78	72	73	82	76	78	87	....	75.6
	Minimum	56	47	51	59	57	44	52	57	54	58	53	48	54	51	55	49	34	40	56	50	48	46	54	65	54	40	43	56	57	60	....	51.6
Corning	Maximum	73	75	71	74	75	75	69	68	61	83	75	70	65	75	78	68	65	76	80	77	64	67	83	75	55	73	81	74	81	85	....	73.0
	Minimum	52	50	43	55	55	54	45	45	48	56	65	47	48	47	53	48	32	46	52	51	44	46	56	53	50	38	46	56	56	56	....	49.4
Crossett	Maximum	73	76	75	86	85	85	75	74	71	82	76	74	72	76	78	74	68	76	83	76	70	78	79	83	79	70	73	74	80	87	....	76.9
	Minimum	52	56	47	63	62	44	48	54	58	61	57	47	46	56	55	50	38	36	52	54	40	43	51	53	56	48	45	54	60	62	....	51.6
Cummins Farm	Maximum	67	76	69	78	78	79	76	72	69	78	67	66	62	69	71	62	60	72	71	67	59	65	75	74	73	71	72	69	78	82	....	70.9
	Minimum	55	56	51	55	62	59	46	58	55	64	57	53	50	54	55	50	39	40	43	51	48	51	42	46	58	58	51	47	57	61	....	52.4
Dardanelle	Maximum	78	78	76	78	78	79	78	74	71	79	75	75	72	78	79	77	69	79	83	82	71	76	80	78	72	71	81	79	83	87	....	77.2
	Minimum	56	47	51	60	58	45	51	56	53	55	51	47	54	46	59	48	35	44	57	49	47	49	58	65	57	41	44	57	57	60	....	51.9
De Queen	Maximum	73	80	77	77	76	82	78	77	70	75	78	77	72	77	72	65	66	76	74	72	78	80	79	79	75	71	72	67	80	80	....	75.2
	Minimum	62	56	59	68	60	44	55	62	59	61	45	53	55	55	52	47	31	38	52	48	49	53	59	55	51	45	46	66	62	59	....	53.2
Des Arc	Maximum	72	75	68	72	79	79	79	75	64	82	....	....	....	72	77	74	66	76	81	77	76	73	80	79	76	70	79	79	75	82	....	°75.4
	Minimum	54	55	45	65	57	45	51	55	52	57	....	....	....	48	53	52	35	40	53	48	47	45	55	62	55	41	43	53	55	59	....	°51.1
Devils Knob	Maximum	63	74	68	67	73	74	73	66	64	64	69	70	61	77	....	70	61	73	75	69	70	68	79	68	61	....	....	75	75	81	....	°69.9
	Minimum	52	48	47	55	40	42	44	50	48	50	41	45	46	45	....	35	31	45	46	40	39	45	50	51	43	....	....	42	52	52	....	°45.3
Dumas	Maximum	68	75	75	81	80	83	78	75	71	84	74	75	71	74	78	65	66	75	83	73	65	73	84	82	70	70	80	67	80	84	....	75.3
	Minimum	56	57	50	64	61	47	51	52	55	63	58	50	57	54	56	52	38	40	53	56	49	43	54	62	57	43	46	55	57	61	....	53.2
El Dorado	Maximum	65	75	77	82	77	84	65	68	69	83	76	75	65	75	74	61	66	76	83	64	72	80	84	83	57	69	74	72	81	86	....	73.9
	Minimum	64	57	53	64	62	48	51	59	58	59	56	50	56	57	56	52	37	40	51	51	42	60	57	56	48	46	50	56	63	59	....	53.6
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	66	72	68	76	72	70	71	68	66	68	68	66	63	71	72	63	63	75	75	66	73	76	84	75	52	68	78	74	80	85	....	70.8
	Minimum	53	42	47	60	53	46	45	48	47	52	44	45	46	45	56	36	34	48	61	41	43	52	62	45	44	40	48	54	59	60	....	48.5
Fayetteville	Maximum	66	73	69	78	73	71	78	70	69	67	69	72	64	75	71	60	65	76	74	65	80	78	83	70	52	68	76	68	81	85	...	71.5
	Minimum	53	42	53	61	54	46	46	54	51	52	42	48	47	47	54	36	31	46	59	40	42	57	59	47	43	35	41	53	60	58	....	48.6
Fayetteville Exp. S.	Maximum	66	70	68	75	71	69	75	69	67	66	67	69	65	71	68	62	63	73	73	65	76	76	83	74	51	73	75	73	80	83	....	70.5
	Minimum	48	40	48	57	54	43	43	51	48	51	40	45	46	43	49	34	29	44	57	38	40	53	61	45	42	34	39	50	58	55	....	46.2
Fordyce	Maximum	73	80	75	76	80	85	81	79	69	83	78	70	72	78	79	71	68	78	86	77	73	80	83	79	75	73	79	71	80	84	....	77.2
	Minimum	37	49	51	64	59	52	58	68	55	63	65	50	57	54	59	49	35	45	55	52	43	41	57	62	55	43	46	46	59	60	....	53.0
Fort Smith	Maximum	76	77	71	78	78	75	77	69	62	74	73	73	65	77	72	56	67	80	75	58	74	85	83	72	57	70	78	62	84	85	....	72.8
	Minimum	51	44	52	62	53	43	47	56	55	53	44	50	52	48	54	40	35	43	51	46	40	51	59	54	45	40	44	56	58	59	....	49.5
Gilbert	Maximum	72	75	68	77	76	79	76	69	69	76	72	71	65	78	76	52	68	77	80	50	74	75	84	56	55	72	82	64	81	88	....	71.9
	Minimum	46	45	39	46	58	38	34	44	44	50	49	38	47	37	47	43	27	33	47	48	45	46	51	52	49	37	37	47	52	55	....	44.4
Grannis	Maximum	70	79	71	74	76	78	80	72	67	73	75	76	65	75	70	52	66	75	73	63	78	78	77	78	61	71	75	65	80	78	....	72.4
	Minimum	49	54	57	57	57	42	59	55	56	44	48	52	50	53	43	32	38	49	45	39	47	51	69	48	41	43	53	54	57	59	....	49.7
Gravette	Maximum	67	73	67	77	75	73	74	73	66	67	67	60	57	72	69	61	62	74	72	63	76	77	81	70	53	68	76	72	80	83	....	70.2
	Minimum	48	37	50	53	50	41	47	43	49	54	41	47	47	45	53	36	29	46	60	39	43	55	50	44	42	34	41	52	59	57	....	46.4
Green Mountain	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	44	46	40	50	52	51	50	51	54	46	50	52	46	46	48	39	34	60	48	40	49	51	51	49	44	46	55	50	61	62	....	48.5
Harrison	Maximum	71	71	68	76	73	73	70	70	67	71	69	70	67	75	72	65	65	74	78	75	70	79	82	78	53	70	78	63	80	85	....	71.9
	Minimum	47	39	44	55	54	44	36	48	42	51	45	41	46	38	50	37	27	45	54	42	42	48	55	48	45	33	38	48	55	57	....	45.1
Helena	Maximum	70	71	74	72	79	78	76	73	68	82	79	72	69	69	76	71	59	71	79	78	57	68	80	78	75	66	74	74	74	79	....	73.0
	Minimum	54	57	48	63	58	49	53	56	53	61	57	49	50	50	55	52	33	43	51	54	46	42	57	61	55	45	44	53	56	60	....	52.2
Hope	Maximum	69	80	75	78	76	84	78	72	70	81	76	78	67	75	73	58	66	76	78	66	74	81	82	77	65	69	73	69	80	83	....	74.3
	Minimum	47	56	56	57	59	47	54	57	55	57	50	49	53	54	55	50	35	40	50	49	41	48	55	60	54	45	47	49	56	58	....	51.4
Hot Springs	Maximum	74	79	79	73	76	89	86	82	70	78	78	78	74	78	75	71	70	79	81	74	75	79	80	80	70	74	80	77	81	83	....	77.4
	Minimum	51	51	52	63	57	60	53	57	55	57	49	53	53	49	59	48	36	50	56	47	43	46	55	57	50	42	46	54	57	58	....	51.8
Jonesboro	Maximum	68	73	70	75	76	76	72	66	56	82	75	68	66	72	78	69	63	74	79	76	62	67	82	75	59	71	79	74	79	82	....	72.1
	Minimum	53	52	43	56	55	50	49	49	49	54	56	47	47	48	53	47	35	46	53	51	43	43	54	57	51	42	46	53	53	57	....	49.7
Lead Hill	Maximum	71	73	64	80	76	73	73	76	65	73	70	70	76	76	74	74	66	77	79	75	70	78	86	73	53	71	80	71	81	87	....	73.7
	Minimum	50	43	42	57	50	45	35	47	40	53	49	39	49	37	47	40	26	35	47	45	45	50	60	48	47	33	38	47	57	57	....	45.3
Little Rock	Maximum	64	73	71	79	78	78	75	67	60	81	72	72	63	68	77	60	67	77	82	62	63	70	82	74	71	67	81	62	79	83	....	71.9
	Minimum	56	53	49	62	57	46	55	57	55	60	55	53	55	53	58	43	38	42	58	51	48	46	54	63	50	45	47	56	58	60	....	52.8
Lutherville	Maximum	70	76	71	73	74	74	74	78	68	72	71	69	71	72	75	65	64	76	79	73	70	73	79	70	65	69	71	70	80	84	....	72.5
	Minimum	55	48	49	60	53	50	52	53	52	53	47	49	51	48	57	43	33	42	55	40	45	46	55	60	49	41	43	50	55	58	.. .	49.7
Magnolia	Maximum	74	79	79	81	80	84	84	79	69	83	78	76	69	76	76	68	67	76	82	76	73	79	85	81	77	70	74	72	82	85	....	77.1
	Minimum	59	60	59	67	61	52	55	69	58	68	53	52	68	56	61	51	35	41	57	50	42	50	50	63	53	46	51	57	64	59	....	54.9
Mammoth Spring	Maximum	67	72	69	73	75	73	72	69	63	79	69	68	67	77	75	71	66	75	78	78	69	70	83	76	55	72	81	75	76	88	....	72.7
	Minimum	55	49	42	58	56	51	39	40	40	55	50	42	46	43	50	43	28	37	48	48	43	45	55	50	48	35	39	51	56	56	....	46.6
Marianna	Maximum	64	71	77	75	78	79	72	75	72	80	70	71	65	70	75	65	62	71	79	59	58	70	80	77	68	73	80	63	75	80	....	71.7
	Minimum	53	55	48	50	61	44	53	55	53	54	59	45	52	51	53	52	36	41	50	57	47	42	51	61	62	43	44	53	51	61	....	51.2
Marked Tree	Maximum	63	71	68	73	77	80	77	62	65	83	69	70	61	74	78	61	64	74	79	62	59	69	81	74	65	71	80	71	80	84	....	71.5
	Minimum	41	53	44	61	61	48	47	52	49	49	60	47	49	49	50	53	35	38	48	54	44	44	45	59	54	43	45	51	54	58	....	48.9
Marshall	Maximum	68	75	67	70	70	75	68	65	75	69	69	63	78	78	69	65	75	79	72	73	77	84	77	58	80	72	71	75	83	....	....	•72.4
	Minimum	45	56	41	46	54	39	40	53	48	53	48	40	47	40	48	41	29	48	56	38	43	47	57	52	47	40	35	52	55	60	....	46.6
Mena	Maximum	70	75	70	72	74	82	79	74	67	70	74	77	67	75	72	62	67	77	77	77	67	81	71	78	71	71	79	71	79	81	....	73.8
	Minimum	58	47	53	62	56	40	53	57	55	55	44	48	51	46	56	40	31	44	54	44	38	47	60	65	46	41	43	55	58	57	....	50.1
Monticello	Maximum	61	75	74	82	78	82	74	73	71	82	76	73	67	73	76	65	65	75	82	70	67	75	82	82	68	70	78	66	79	83	....	74.2
	Minimum	57	58	54	66	62	50	56	57	67	62	58	54	67	55	59	46	36	46	54	55	46	45	56	60	63	45	48	55	69	60	....	54.0
Morrilton	Maximum	69	77	68	75	75	77	72	72	69	79	73	71	60	75	76	57	75	76	80	53	68	73	79	72	59	70	81	62	78	85	....	71.9
	Minimum	44	48	48	40	69	45	50	52	53	53	51	48	51	48	51	51	38	38	49	49	47	46	48	67	62	42	44	48	55	58	....	48.8
Mountain Home	Maximum	71	73	63	77	77	75	73	65	62	76	68	70	69	77	74	70	68	77	79	75	70	77	85	73	65	71	80	70	79	87	....	72.2
	Minimum	49	41	42	56	56	50	40	49	43	51	47	43	46	43	52	40	30	39	50	44	43	46	[illegible]	60	47	35	40	51	56	55	....	46.4
Mt. Ida	Maximum	68	80	76	76	77	82	80	78	69	76	76	76	70	77	74	67	69	[illegible]	77	79	73	77	79	76	72	72	80	76	75	83	....	75.4
	Minimum	59	46	44	65	55	34	39	39	50	57	51	37	55	43	52	45	31	[illegible]	57	47	35	45	50	62	50	34	36	55	59	58	....	47.2
Nashville	Maximum	68	79	75	77	76	83	78	73	69	78	76	77	71	76	72	62	65	75	78	73	76	79	80	77	74	70	73	69	81	81	....	74.7
	Minimum	61	56	57	66	60	43	55	61	56	61	47	55	57	54	59	49	33	36	49	49	40	49	54	60	53	44	45	54	59	59	....	52.7
Newport	Maximum	64	77	66	77	76	79	75	66	60	83	77	72	64	75	78	68	66	75	79	75	64	68	83	72	64	73	82	73	78	85	....	73.1
	Minimum	54	56	45	58	68	47	50	52	53	57	60	49	52	50	55	50	38	48	55	52	47	45	53	60	54	43	44	54	55	60	....	52.1
Nimrod Dam	Maximum	72	80	71	77	77	82	80	75	70	78	75	76	67	75	76	55	68	77	82	55	74	80	78	77	59	72	82	69	66	88	....	73.8
	Minimum	55	48	48	49	57	39	46	66	51	54	45	41	50	44	[illegible]	48	34	39	46	47	47	45	55	65	49	40	41	52	55	62	....	48.7
Oden	Maximum	68	80	72	73	74	82	78	76	66	73	74	78	71	79	74	54	68	78	80	62	79	82	77	75	71	72	81	63	81	81	....	74.1
	Minimum	58	48	50	62	55	37	46	57	54	55	47	44	53	45	52	41	29	41	56	45	37	48	58	66	48	37	41	56	60	57	....	49.5

Daily Temperatures for April, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	76	79	77	80	80	84	80	76	67	78	77	78	75	76	75	68	68	77	79	74	75	80	81	80	78	70	77	70	81	83	....	76.6
	Minimum	60	57	57	66	59	47	53	61	57	62	48	50	56	55	59	50	33	38	48	49	41	50	59	61	64	55	47	56	63	58	....	54.0
Ozark	Maximum	70	78	73	75	77	76	75	70	66	75	73	71	70	77	78	67	66	80	81	78	71	76	84	72	68	70	79	75	83	84	....	74.6
	Minimum	53	45	52	62	56	43	49	56	55	50	48	52	51	52	46	44	34	39	52	50	42	48	50	52	51	42	43	55	55	59	....	49.5
Paragould	Maximum	....	70	70	78	76	76	74	68	59	81	77	68	66	71	77	70	62	72	78	76	63	68	81	71	58	70	79	78	79	82	....	[a]72.3
	Minimum	....	....	43	55	60	49	47	50	50	66	56	47	47	47	52	48	32	51	58	46	43	43	62	54	51	39	46	52	61	60	....	[b]50.5
Perryville	Maximum	73	79	70	75	73	78	75	73	70	81	75	73	70	75	79	75	68	77	82	79	69	79	80	73	73	71	77	71	81	86	....	75.3
	Minimum	53	44	46	61	59	39	46	56	51	59	51	43	51	46	54	50	35	35	59	49	49	45	52	66	50	39	41	53	56	59	....	49.9
Pine Bluff	Maximum	72	77	73	80	79	83	76	69	65	83	76	77	68	68	78	65	67	77	85	75	65	74	83	78	71	72	82	72	80	84	....	75.1
	Minimum	56	56	52	64	60	48	54	58	55	63	57	51	55	55	60	51	38	44	55	53	49	47	55	64	57	46	47	57	58	61	....	54.2
Pocahontas	Maximum	70	75	72	76	74	77	76	71	60	72	68	70	66	74	78	73	66	73	78	78	63	68	82	76	55	70	82	81	79	88	....	73.0
	Minimum	43	51	43	57	55	50	47	48	46	46	54	46	45	47	54	46	35	41	49	52	44	45	54	52	50	40	44	55	55	58	....	48.4
Portland	Maximum	71	74	76	82	79	82	76	72	70	72	75	73	65	74	76	72	67	73	80	75	66	75	81	82	81	78	75	77	78	83	....	75.3
	Minimum	57	57	51	55	69	50	54	58	58	63	57	52	56	56	59	53	42	42	53	65	50	48	55	58	56	50	51	57	62	60	....	55.1
Prescott	Maximum	75	80	80	78	77	85	85	73	67	81	76	80	76	77	78	73	69	77	80	79	75	84	85	81	76	71	76	71	82	85	....	77.7
	Minimum	59	57	56	67	60	49	57	59	56	61	52	51	52	54	61	51	38	42	57	51	45	48	56	64	55	46	49	56	61	60	....	54.3
Rogers	Maximum	64	73	65	80	75	70	74	70	67	67	68	68	65	73	68	65	64	75	75	65	76	77	82	72	52	67	76	70	81	84	....	70.9
	Minimum	48	39	49	60	54	41	42	50	49	53	43	46	46	45	52	36	31	44	58	40	43	53	62	46	43	37	44	53	59	57	....	47.4
Russellville	Maximum	75	76	75	75	77	77	75	73	69	77	74	72	73	68	78	77	73	67	78	82	79	71	75	79	73	71	80	78	83	87	....	75.6
	Minimum	54	45	50	61	58	43	52	56	53	54	50	48	47	54	45	57	48	35	38	54	49	47	49	55	51	40	42	56	58	60	....	50.3
St. Charles /	Maximum	65	71	73	80	80	82	78	69	70	83	73	74	69	70	74	66	64	74	81	63	61	70	82	80	69	71	79	67	78	83	....	73.3
	Minimum	55	56	50	55	69	46	53	59	55	55	59	49	55	53	58	52	38	43	56	58	49	48	50	62	60	47	46	56	56	61	....	53.6
Searcy	Maximum	68	76	65	78	77	80	74	68	60	82	75	71	62	72	76	69	65	77	82	73	68	73	81	76	64	72	80	75	76	85	....	73.3
	Minimum	55	53	46	59	57	47	52	52	53	56	55	47	52	50	54	47	35	41	54	50	47	44	51	60	55	43	43	53	55	59	....	50.8
Sheridan	Maximum	69	80	73	78	78	82	81	71	61	86	82	85	71	78	78	75	77	76	87	75	76	64	85	80	74	81	88	70	85	85	....	77.7
	Minimum	53	52	49	62	71	43	51	56	52	57	57	53	51	47	53	44	30	37	53	53	47	43	50	61	51	52	43	53	56	53	....	51.1
Siloam Springs	Maximum	67	75	68	77	73	70	76	69	70	66	69	68	60	73	69	60	63	74	72	65	77	....	80	68	54	68	76	71	81	83	....	[a]70.4
	Minimum	49	40	51	62	54	45	45	53	50	54	41	49	48	46	53	36	30	45	58	40	41	....	55	45	43	34	40	52	58	56	....	[a]47.3
Stuttgart	Maximum	74	74	73	79	75	78	78	79	64	82	70	74	69	69	75	65	63	74	80	79	61	69	80	78	75	67	77	75	77	82	....	73.8
	Minimum	40	56	49	61	67	56	49	46	55	61	55	51	55	50	57	50	37	42	52	53	48	45	55	61	57	44	47	56	56	60	....	52.4
Stuttgart Evap. /	Maximum	63	73	71	78	76	80	76	65	68	81	70	73	67	68	73	64	63	72	80	57	62	68	80	78	68	69	77	65	75	....	....	[a]71.0
	Minimum	47	56	50	50	67	45	56	56	54	55	58	50	55	51	51	50	37	41	43	54	48	44	48	61	64	46	43	54	62	61	....	51.9
Subiaco	Maximum	71	73	72	74	77	71	73	74	66	72	67	70	66	76	75	67	64	77	80	70	72	75	81	74	70	65	74	72	80	82	....	72.7
	Minimum	54	47	50	59	54	48	49	50	53	52	46	46	50	56	56	43	36	43	54	45	42	48	58	61	48	41	44	55	56	58	....	50.1
Texarkana	Maximum	74	80	75	80	77	84	78	75	70	81	77	79	67	75	72	56	64	75	78	65	77	81	82	79	74	70	69	73	80	85	....	75.1
	Minimum	61	60	60	68	57	53	54	58	57	60	50	50	56	56	55	44	37	43	59	50	44	53	61	66	51	47	52	58	65	59	....	54.8
Turnpike	Maximum	64	72	64	66	69	71	71	65	62	66	66	68	60	71	70	64	64	71	75	67	71	69	78	68	61	66	75	68	72	80	....	68.5
	Minimum	54	49	46	56	51	48	46	50	47	50	43	40	46	45	53	48	33	45	51	40	40	44	55	50	45	43	51	51	53	54	....	47.6
Waldron	Maximum	74	79	73	77	78	78	78	74	69	75	72	76	75	76	73	67	67	73	79	71	79	84	79	75	74	72	80	79	83	85	....	75.8
	Minimum	54	44	50	65	57	37	42	57	56	55	46	43	51	45	60	42	29	35	57	45	36	51	59	60	48	37	40	54	59	57	....	49.0
Warren	Maximum	66	77	76	83	80	83	79	76	76	83	78	76	72	74	78	71	66	76	83	76	70	79	83	78	69	71	76	77	81	83	....	76.5
	Minimum	58	59	59	71	64	69	52	54	52	62	59	50	58	56	59	52	39	43	57	56	46	46	56	54	52	46	49	48	56	62	....	54.8
White Rock	Maximum	67	73	63	67	67	71	73	66	64	62	69	67	65	74	67	56	63	72	68	62	71	71	77	70	62	65	74	65	75	79	....	68.2
	Minimum	53	50	45	55	50	45	47	50	50	48	40	43	42	49	51	34	33	44	52	37	38	47	56	52	42	41	47	51	53	55	....	46.7
Wilson	Maximum	74	74	71	71	80	84	74	69	60	86	78	71	66	72	81	68	61	74	81	76	56	75	84	77	66	70	83	76	80	81	....	74.0
	Minimum	49	55	44	55	66	49	48	55	50	57	60	48	51	50	53	51	36	47	55	53	45	48	57	64	55	42	44	55	55	59	....	51.9
Wynne /	Maximum	....	....	....	....	....	79	76	72	61	81	78	70	69	75	75	70	63	78	79	78	59	69	77	77	72	71	80	79	77	82	....	[e]73.9
	Minimum	....	....	....	....	....	67	43	46	42	50	50	48	48	50	50	50	36	42	54	52	46	47	57	63	56	42	46	54	56	59	....	[e]50.2

Daily River Stages for April, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	4.8	4.6	4.5	5.6	6.2	7.0	9.1	9.6	11.2	15.6	18.3	21.6	22.6	21.3	21.0	24.0	25.3	25.2	21.3	22.7	21.0	20.1	19.4	18.9	18.4	20.8	24.0	24.1	23.7	25.2	....
Van Buren	do	22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Danville	Petit Jean	20	4.1	4.0	3.9	3.8	3.8	4.2	4.0	3.6	3.7	3.6	14.3	18.5	15.7	11.9	8.3	7.4	6.7	6.5	8.3	6.2	8.1	8.7	9.8	9.1	5.9	10.2	13.3	13.5	15.6	16.5	....
Ozark	Arkansas	22	2.5	2.2	2.1	2.0	3.0	4.0	5.2	5.5	6.6	10.4	14.2	17.0	18.7	17.9	16.9	18.2	20.6	21.8	20.2	18.8	17.0	16.0	15.2	14.8	15.3	15.4	18.6	19.8	19.3	20.8	....
Dardanelle	do	22	4.4	4.2	3.8	3.6	3.6	4.7	6.1	7.3	8.6	9.9	17.0	19.5	21.6	22.0	20.5	20.2	22.7	24.0	23.8	22.9	21.1	19.5	18.4	17.6	17.4	17.3	19.3	21.8	22.4	22.3	....
Morrilton	do	20	-0.6	-1.0	-1.2	-1.6	-1.8	-1.2	-0.2	1.6	2.4	4.3	9.3	13.4	15.8	16.9	16.0	15.4	17.0	18.6	19.0	18.6	17.4	15.8	14.8	13.8	13.3	13.4	14.3	17.2	18.3	18.3	....
Little Rock	do	23	3.7	3.4	3.1	2.9	2.7	2.5	2.9	3.6	4.9	5.7	7.8	13.2	15.2	16.6	16.6	15.9	15.9	17.8	18.3	18.0	17.3	16.3	15.2	14.3	13.7	13.4	13.5	15.3	17.2	17.8	....
Pine Bluff	do	25	5.3	5.0	4.6	4.2	3.8	3.6	3.5	3.9	5.2	6.7	8.5	13.9	16.8	18.2	18.7	18.1	17.7	18.6	19.6	19.8	19.5	18.7	17.8	17.2	16.8	16.6	16.5	17.1	19.1	20.0	....
Gilbert	Buffalo	30	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	9.9	8.0	14.0	8.6	7.4	6.6	6.0	5.5	5.4	5.2	5.0	5.0	5.4	5.1	4.9	4.9	5.7	8.1	6.7	6.2	5.9	6.5	....
Black Rock	Black	14	3.9	4.1	3.9	4.1	4.2	4.3	4.6	4.7	9.3	9.3	13.4	15.8	15.7	15.4	15.2	14.9	14.7	14.1	13.8	15.6	13.4	13.1	12.8	12.6	13.3	12.0	12.1	12.8	13.8	14.6	....
Forsyth, Mo.	White	30	1.5	1.9	1.6	2.6	3.5	1.1	3.8	4.0	6.4	8.0	13.5	13.7	13.6	10.1	8.9	8.0	7.3	6.9	6.5	6.3	6.2	3.7	3.6	5.6	9.2	13.7	16.5	11.2	9.4	8.5	....
Cotter	do	21	2.4	3.0	3.1	3.4	3.6	4.2	3.7	3.7	5.7	6.6	10.8	14.5	13.9	13.2	10.5	8.6	7.6	6.9	6.2	6.0	5.9	5.7	4.6	4.6	5.0	11.0	16.4	15.9	11.0	9.2	....
Calico Rock	do	18	2.5	2.5	2.6	2.5	2.6	2.6	3.0	2.9	4.2	7.7	10.0	15.6	14.1	13.2	10.8	8.6	7.4	6.6	6.0	5.6	5.5	5.5	5.2	5.2	5.2	9.2	14.1	16.7	12.2	9.7	....
Lock 3	do	..	7.6	7.9	8.2	8.2	8.2	8.2	7.8	8.7	9.8	12.7	14.9	20.0	19.3	18.1	17.0	14.7	13.4	12.5	11.8	11.1	10.5	11.2	10.9	10.1	10.2	11.2	17.5	20.5	18.3	15.3	....
Batesville	do	23	7.2	7.5	7.5	7.6	7.6	7.6	7.6	8.4	10.6	12.7	16.7	21.7	22.1	20.5	19.5	16.7	14.8	13.6	12.6	11.9	11.3	11.8	11.4	10.7	10.8	11.3	18.5	22.5	21.5	17.4	....
Newport	do	26	4.2	3.7	3.7	4.0	4.1	4.2	4.2	4.2	6.6	9.2	14.0	18.4	21.8	23.0	23.2	22.8	21.5	20.3	19.0	18.0	17.0	15.9	15.4	14.7	13.9	13.4	15.4	19.5	22.2	22.0	....
Augusta	do	32	16.5	16.0	15.9	16.0	15.9	16.2	16.3	16.3	16.7	19.6	23.4	27.8	29.5	30.4	31.3	31.7	31.8	31.7	31.5	31.1	30.8	30.4	30.0	29.6	28.9	28.3	28.0	29.0	30.0	30.8	....
Sugar Loaf Mt.	Little Red	..	5.1	5.0	4.9	4.8	4.7	4.7	5.0	5.1	5.4	8.9	8.7	14.7	9.4	8.0	7.2	6.7	6.3	5.9	5.6	5.7	6.1	6.1	5.8	5.5	5.4	5.3	6.2	5.8	5.6	5.5	....
Georgetown	White	21	6.9	6.5	6.1	5.9	5.9	6.1	6.2	6.2	6.5	7.9	13.3	17.1	18.7	19.2	19.6	20.1	20.8	21.3	21.5	21.5	21.3	21.1	20.8	20.5	20.1	19.7	19.1	18.9	19.0	19.3	....
Des Arc	do	24	9.6	9.5	9.2	9.0	8.5	8.0	8.0	8.2	9.2	10.0	13.3	17.0	19.2	20.5	21.1	21.2	21.5	21.8	22.2	22.5	22.8	22.8	22.7	22.6	22.4	22.0	21.6	21.3	21.0	21.0	....
Clarendon	do	26	14.8	14.5	14.2	13.9	13.7	13.5	13.4	13.5	13.6	14.2	15.8	18.3	20.1	21.4	22.4	22.3	24.1	24.6	25.0	25.4	25.7	25.9	26.1	26.3	26.4	26.4	26.4	26.3	26.2	26.1	....
St. Charles	do	25	14.4	14.2	13.9	13.7	13.4	13.3	13.2	13.2	13.3	13.6	15.1	16.9	18.6	19.7	20.8	21.6	22.2	22.7	23.1	23.6	23.9	24.2	24.4	24.6	24.8	25.0	25.1	25.2	25.2	25.3	....
Glenwood	Caddo	..	4.9	4.7	4.6	4.7	4.8	4.7	4.7	4.7	5.1	5.6	6.5	5.8	5.8	5.6	5.4	5.1	5.0	5.0	5.0	5.1	5.0	4.9	4.9	4.8	4.8	4.8	4.8	4.8	6.0	11.6	....
Arkadelphia	Ouachita	17	6.4	7.3	7.1	6.4	6.4	5.5	4.8	4.8	7.7	8.0	11.2	10.7	8.8	9.3	8.0	8.4	7.7	6.8	5.6	5.5	6.9	6.6	5.5	6.5	6.7	7.0	5.0	4.2	7.5	13.5	....
Boughton	Little Mo.	20	7.2	7.0	6.6	6.6	6.4	6.3	6.3	6.2	6.1	6.9	8.3	8.8	9.5	8.4	7.4	7.1	6.9	6.4	6.0	6.6	8.2	7.8	7.4	6.3	5.6	6.0	6.0	5.4	9.2	13.5	....
Camden	Ouachita	26	13.4	12.3	12.6	13.0	11.9	10.8	9.8	8.7	8.8	10.2	14.0	19.5	22.9	23.8	23.2	22.0	19.7	17.6	15.5	13.2	12.7	13.8	14.6	13.1	11.5	10.3	10.0	9.5	8.8	11.6	....
Benton	Saline	20	6.1	6.0	5.9	5.8	5.7	6.5	6.6	6.3	9.4	8.7	15.5	11.0	9.3	8.3	7.8	7.3	7.0	6.8	6.5	6.5	8.4	7.3	6.8	6.5	6.3	6.2	6.4	6.1	8.2	11.5	....
Index	Red	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fulton	do	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
St. Francis	do	18	8.0	8.5	8.9	9.2	9.4	9.6	9.8	10.3	13.7	14.5	16.9	17.3	17.5	17.7	18.2	18.9	19.3	19.5	19.6	19.6	19.5	19.3	19.2	19.0	18.8	18.6	18.4	18.3	18.4	18.7	....
St. Francis L.L.	do	..	19.3	19.3	19.3	19.3	19.2	19.2	19.3	19.3	19.8	19.9	20.4	20.7	21.1	21.6	22.0	22.4	22.7	22.8	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.0	23.0	....
Marked Tree	do	17	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.2	5.5	6.5	7.1	7.2	8.7	8.8	8.8	8.6	8.4	8.1	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9	....
Parkin	do	28	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.4	6.7	9.2	11.8	13.4	13.9	13.9	13.7	13.5	13.5	13.8	14.3	14.7	15.1	15.4	15.7	15.9	16.0	16.1	16.2	16.1	16.3	....
Madison	do	32	4.8	5.2	5.5	6.0	6.4	6.9	7.4	8.1	8.4	9.2	11.7	13.9	14.9	16.5	17.3	18.0	18.7	19.1	19.6	20.3	20.8	21.2	21.7	22.1	22.3	22.4	22.5	22.5	22.6	22.6	....
Helena	Mississippi	44	21.2	21.5	22.0	22.7	23.6	24.7	25.6	26.3	26.8	27.7	29.4	31.3	32.7	33.9	34.9	35.7	36.5	37.1	37.7	38.3	38.8	39.3	39.7	40.1	40.3	40.4	40.3	40.1	39.9	39.8	....
Arkansas City	do	42	18.5	18.4	18.5	18.8	19.2	19.9	20.5	21.3	21.8	22.3	23.3	24.6	26.5	28.4	29.8	30.8	31.4	31.8	32.4	33.1	33.5	33.9	34.1	34.3	34.4	34.5	34.6	34.7	34.8	34.9	....

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana: Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3. Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill: Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow

W.B.R.P.O..Fort Worth, Texas. 6-12--1947--1250

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. LII Little Rock, Ark., May, 1947 No. 5

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Three LOWS moved across the State during the month; on the 20th, 24th, and 28th. These LOWS, although relatively weak, accounted for about one-third of the month's precipitation; most of the remaining precipitation was caused by the passage of Cold Fronts across the State, that were associated with LOWS moving eastward over the Canadian Border States.

A Cold Front, associated with a LOW centered over Wisconsin, moved across the State on the first. A line of thunderstorms preceded the passage of this front, and were severe in the northeast portion of the State (See report of storm below).

Some farming orerations were delayed by wet fields during the latter half of the month. The rains were not unusually heavy, but were spaced so as to keep the fields wet.

No floods occurred on any of the major streams during the month. The Lower White River, Clarendon and below, was at flood stage the beginning of the month, due to a rise in April.

TEMPERATURE

The average temperature for the State was 67.4°, 1.6° below the 57 year average. The highest for the month was 95°, reparted by Nimrod Dam and Perryville on the 4th. Practically all stations in the State reported temperatures in the lower nineties on this same date. The lowest temperature reported for the month was 36° at Mammoth Springs and Harrison on the 9th and 29th, respectively.

PRECIPITATION

The average precipitation for the State was 5.50 inches, 0.52 inch above the 57 year average. DeQueen reported the greatest monthly total with 9.47 inches; 4.18 inches above their normal. 6.43 inches of this amount fell in 24 hours on the 12th-13th. Several other stations reported more than 8.50 inches for the month. Less than a quarter of the rainfall stations in the State reported a deficiency; Warren was the driest of these with only 2.20 inches for the month.

STORMS

A severe thunderstorm struck the northeast portion of the State early the morning of May 1. This storm was associated with a squall line, the forerunner of a Cold Front, then moving SE across the State. This squall line produced thunderstorms over practically the entire State, but they did not reach their full fury until they reached the northeast portion.

Summary Continued on Page 28

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	25	..		..	1	20	2	..	..	..	..	28	19	14	8	12	8	10	24	24	1	1	5	12	1	..	2	9	11	..	3
High Winds	22	27	1	1	..	3	1	..	..	1	1	4	2	1	..	3	..	..	1	1	..	..	..	..	..	1	1	3	4	..	..
Heavy Fog	..	..		..	..	..	..	..	..	..	..	..	5	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	1	1
Sleet	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hail	7	..	..	1	..	1	..	..	..	1	..	2	2	2	..	..	..	..	1	1	..	..	..	..	..	1	..	..	..	..	1
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.26	10	29.55	28	7.7	28	w.	6	81	56	56	61	33
Little Rock	30.32	10	29.61	28	8.3	31	w.	2	83	56	60	68	25
Memphis	30.33	10	29.61	21	8.4	30	s.	1	81	53	55	78	37
Texarkana	30.22	10	29.61	28	....	50	nw.	6	81	53	59	..	8

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	76.8	95	36	9.52	0.0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.13	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0.0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0.0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70.8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67.6	97	30	6.31	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	3.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0.0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
1939	69.4	96	34	4.85	0.0	10	13	9	9
1940	66.6	96	33	3.62	0.0	9	17	8	6
1941	71.4	97	40	2.22	0.0	6	14	10	7
1942	68.0	100	36	3.89	0.0	8	13	10	8
1943	71.0	95	38	7.89	0.0	10	10	9	12
1944	70.3	96	28	6.42	0.0	12	10	11	10
1945	66.2	99	32	5.23	0.0	7	13	9	9
1946	66.4	93	33	9.47	0.0	14	10	9	12
1947	67.4	95	35	5.50	0.0	9	13	10	8
1948									
Period	69.0	107	24	5.06	T.	9	13	10	8

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Climatological Data for May, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	10	.....	......	.....	.....	.....	.....	....	......	....	......	......	....	....	....	....	......	L. R. Water Works
Arkadelphia	Clark	200	51	69.2	−1.6	93	4	43	30	4.10	−1.10	1.68	12-13	0	8	11	10	10	sw.	W. H. Halliburton
Ashdown	Little River	329	3	68.2	......	93	4	42	30	7.14	......	4.06	12-13	0	8	6	15	10	se.	Southwestern G. & E.
Batesville Airway	Independence	363	11	66.3	−1.3	92	4	40	10	4.78	......	1.44	20-21	0	11	8	15	8	nw.	Airway Observer
Batesville Livestk.	Independence	500	6	.....	......	.....	.....	.....	.....	....	......	....	......	......	....	....	....	....	......	University of Arkansas
Bee Branch	Van Buren	650	54	65.8	−2.5	92	4	40	30	5.86	+0.66	1.68	20	0	9	15	11	5	w.	Minnie Scanlan
Benton	Saline	285	11	[h]67.3	−0.9	89	14	41[i]	12	3.91	......	1.50	12-13	0	11	26	2	3	sw	Mrs. Etta C. Burks
Bentonville	Benton	1295	41	63.8	−1.7	90	14	37	30	6.40	+1.31	2.52	15-16	0	11	12	13	6	s.	E. L. Brown
Bethesda***	Independence	590	7	64.7	......	91	4	37	11	5.05	......	1.30	12-13	0	7	12	13	6	sw.	Soil Cons. Service
Black Rock	Lawrence	259	45	.....	......	.....	.....	.....	.....	4.64	−0.22	1.25	24	0	8	....	....	....	......	J. H. Ragan
Blytheville	Mississippi	252	21	68.7	−1.5	90	14†	44	10	3.77	+0.18	1.70	18-19	0	11	20	7	4	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	32	68.0	−1.9	94	4†	43	30	4.82	−0.56	2.04	12-13	0	11	11	13	7	w.	F. H. Raudolph
Brinkley	Monroe	205	55	68.8	−1.2	93	4	42	10	5.81	+0.42	1.37	18-19	0	10	11	16	4	s.	Robert L. Glover
Camden	Ouachita	116	61	70.1	−0.9	91	5†	49	30	7.78	+3.47	2.30	16	0	7	9	14	8	se.	J. M. Knight
Camp Chaffee	Sebastian	419	3	[a]68.0	......	92	14	44	30	4.94	......	1.90	12-13	0	14	13	5	13	e.	U. S. Army
Clarendon	Monroe	172	42	.....	......	.....	.....	.....	.....	5.16	+0.71	1.41	24	0	12	....	....	....	......	B. F. Northern
Conway	Faulkner	309	63	68.4	−1.6	95	4	45	30	7.35	+2.18	2.13	20	0	11	11	19	1	sw.	G. Y. Short
Corning	Clay	293	53	67.6	−0.8	90	15	40	10	6.05	+1.61	1.75	20	0	11	21	3	7	w.	Mrs. Laura Polk
Cotter	Baxter	440	19	.....	......	.....	.....	.....	.....	4.75	−0.23	1.31	19	0	8	....	....	....	......	O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	69.4	−2.0	92	4	45	3†	4.53	+0.39	1.15	19	0	9	12	13	6	s.	U. S. Forest Service
Cummins Farm***	Lincoln	176	3	[c]69.2	......	[f]85	14†	50	31	3.70	......	1.20	19	0	6	10	15	6	s.	T. C. Cogbill
Danville	Yell	327	30	.....	......	.....	.....	.....	.....	5.51	+0.51	2.79	12-13	0	11	....	....	....	......	J. A. Moudy
Dardanelle	Yell	330	60	69.7	−0.6	95	4	45	30	5.65	+0.33	1.76	12	0	11	7	13	11	s.	Geo. N. Goodier
DeQueen	Sevier	426	11	68.3	−2.1	89	4	45	3	9.47	+4.18	6.43	12-13	0	5	12	11	8	......	L. D. McCown
Des Arc	Prairie	204	8	68.0	......	90	4†	45	11	5.96	......	1.90	20	0	10	12	1	18	s.	Z. R. Glenn
Devils Knob***	Johnson	2350	10	[d]64.9	......	90	4	[c]37	29	5.55	......	1.94	12-13	0	10	20	1	10	sw.	U. S. Forest Service
Dumas	Desha	162	41	70.2	−1.2	92	4	49	10	5.66	+1.00	2.81	19-20	0	9	4	17	10	n.	Ben Johnson
El Dorado	Union	270	46	69.7	−1.9	93	4	50	2†	4.27	−0.43	1.91	17	0	7	10	14	7	s.	Airway Observer
England	Lonoke	229	40	.....	......	.....	.....	.....	.....	....	......	....	......	......	....	....	....	....	......	Joseph M. Dolan
Eureka Springs	Carroll	1465	46	65.0	−1.7	89	4	39	29†	6.25	+0.54	1.65	15-16	0	11	16	10	5	sw.	Geo. W. Nichoalds
Fayetteville	Washiugton	1334	9	65.4	......	90	4	39	30	7.33	......	2.36	15-16	0	13	10	9	12	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	59	63.8	−2.7	87	4	36	30	7.08	+1.66	2.18	15-16	0	11	7	18	6	sw.	University of Arkansas
Fordyce	Dallas	280	6	71.0	−0.3	94	4	46	10	5.75	+2.07	2.31	13	0	9	9	16	6	sw.	Ark. Forestry Com.
Fort Smith	Crawford	448	65	67.4	−2.2	91	14	45	30	6.19	+1.37	2.73	12	0	10	9	10	12	ne.	U. S. Weather Bureau
Fulton	Hempstead	260	61	.....	......	.....	.....	.....	.....	4.13	−0.38	1.98	13	0	7	....	....	....	......	Ina J. Logan
Georgetown, 2 mi. se	White	200	34	.....	......	.....	.....	.....	.....	7.87	+3.65	2.32	20	0	11	....	....	....	......	J. S. McDouald
Gilbert	Searcy	600	21	64.0	......	92	4	36	10	3.84	−1.30	1.40	14	0	10	11	11	9	sw.	D. O. Dennis
Grannis	Polk	950	27	66.7	−1.0	89	4	44	29	6.88	+0.97	2.61	16	0	10	10	8	13	s.	W. E. McVay
Gravette	Benton	1250	49	64.2	−1.4	87	4†	37	30	6.06	+0.52	2.47	16	0	10	10	13	8	sw.	J. A. Schmidt
Green Mountain***	Stone	1100	9	65.3	......	86	4†	41	10†	4.18	......	2.31	13-14	0	5	11	16	4	nw.	U. S. Forest Service
Harrison	Boone	1052	46	63.1	−3.1	90	14†	35	30	3.93	−1.38	1.00	16	0	10	....	....	....	......	R. C. Beene
Helena	Phillips	300	74	67.4	−3.3	88	14	46	8†	4.48	+0.08	0.80	24	0	13	8	5	18	ne.	James A. Burnett
Hope 3 miles e	Hempstead	375	76	68.9	−2.1	92	4	47	30	4.27	−0.82	2.24	12-13	0	7	10	12	9	sw.	Univ. of Arkansas
Hot Springs	Garland	600	54	70.8	+0.5	93	4	45	30	4.50	−1.24	1.11	16	0	10	19	9	3	s.	Natioual Park Service
Jonesboro	Craighead	345	51	67.4	−2.3	89	15	43	10	4.20	+0.18	1.20	21	0	12	12	11	8	sw.	Benedictine Sisters
Lead Hill	Boone	650	40	64.3	−2.6	92	14	36	30	5.32	−0.08	1.87	14	0	9	20	7	4	nw.	F. W. Kellogg
Little Rock[a]	Pulaski	257	67	68.6	−1.7	92	4	49	10	6.87	+2.09	2.89	20-21	0	11	8	14	9	sw.	U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	48	.....	......	.....	.....	.....	.....	....	......	....	......	......	....	....	....	....	......	Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	.....	......	.....	.....	.....	.....	6.64	+2.98	2.35	18-19	0	8	....	....	....	......	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	70.0	−1.9	91	4†	48	3	5.06	+0.45	2.10	16	0	6	13	12	6	se.	State Agri. School
Mammoth Spring	Fulton	600	42	64.8	−1.8	88	4	35	9	4.57	−0.04	1.98	19	0	8	12	13	6	w.	L. A. O'Neal
Marianna	Lee	235	35	67.0	−3.6	91	14	44	10	4.34	+0.42	1.25	19	0	10	5	16	10	e.	Univ. of Arkansas
Marked Tree	Poinsett	229	42	67.2	−2.0	90	4	41	10	5.75	+0.95	1.65	18-19	0	9	20	6	5	n.	Chas. Walton
Marshall	Searcy	1050	28	64.0	−3.0	90	4†	38	30	5.01	−1.78	2.01	12	0	7	17	3	11	s.	Mrs. Miunie Horton
Mena	Polk	1207	58	67.6	−1.2	92	4	42	30	8.74	+2.53	5.59	12-13	0	10	12	11	8	sw.	E. W. St. John
Monticello	Drew	273	6	68.8	......	90	4	48	3	4.07	......	0.94	13	0	9	10	16	5	s.	Airway Observer
Morrilton***	Conway	315	30	66.9	−2.6	93	4	45	10†	5.38	+0.76	1.61	12	0	9	15	5	11	se.	L. A. Dicus
Mountainburg	Crawford	712	9	.....	......	.....	.....	.....	.....	7.13	......	2.71	12	0	13	20	3	8	s.	C. A Lovell
Mouutain Home***	Baxter	800	34	64.8	−2.1	90	4	39	30	4.60	−0.71	1.30	19-20	0	7	15	8	8	w.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	66.0	−2.0	93	4	38	30	4.86	−0.82	1.59	16-17	0	10	11	12	8	w.	J. S. Whittington
Nashville	Howard	350	8	68.9	......	91	4	46	3	8.88	......	5.71	12-13	0	9	14	13	4	ne.	Brice Carruth
Newport	Jackson	231	63	68.8	−1.1	92	4	43	10	4.10	−0.13	1.15	14	0	10	12	5	14	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	5	67.6	......	95	4	44	10†	5.69	......	1.82	14	0	11	15	11	5	s.	U. S. Engineers
Oden, 2 mi. w	Montgomery	800	19	67.0	......	93	4	40	30	6.04	+0.97	3.65	13	0	7	8	17	6	sw.	U. S. Forest Service
Okay	Howard	288	18	70.4	−0.8	91	4†	47	3	8.96	+4.10	5.10	12-13	0	8	12	13	6	sw.	J. T. Hargis
Osceola	Mississippi	250	46	.....	......	.....	.....	.....	.....	4.26	−0.50	1.39	18	0	10	14	9	8	......	C. E. Carter
Ozark	Franklin	396	51	[a]67.1	−2.4	90	15	[a]46	29	5.39	−0.09	2.18	19-20	0	11	11	14	6	e.	Orkney O. Milton
Paragould	Greene	275	23	[c]67.7	......	91	15	40	10	3.43	−0.76	1.26	20	0	8	....	....	....	......	Jene J. Coffman
Parkin, 2mi. w	Cross	222	16	.....	......	.....	.....	.....	.....	6.07	+2.90	1.54	18-19	0	10	....	....	....	......	Carroll King
Perryville	Perry	325	7	68.0	+0.5	95	4	43	29	4.07	−1.67	1.30	23-24	0	6	20	5	6	w.	Gordon Bennett
Pine Bluff	Jefferson	215	59	70.4	−1.0	93	4	50	10	8.75	+4.34	3.73	20	0	11	11	16	4	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	22	.....	......	.....	.....	.....	.....	5.68	+0.12	2.02	12-13	0	8	12	8	11	sw.	J. R. Huddleston
Pocahontas	Randolph	300	53	67.0	−1.5	89	4†	41	10	7.82	+3.12	2.00	28-29	0	7	17	10	4	s.	Beuedictine Sisters
Portland	Ashley	122	40	70.2	−1.5	86	4	49	10	2.60	−2.10	1.15	13	0	8	11	14	6	s	Mrs. Pearl Newton
Prescott	Nevada	318	58	71.6	+0.1	92	4†	50	10†	6.15	+1.26	4.00	12-13	0	7	15	6	10	w.	R. P. Hamby
Rogers	Benton	1300	56	64.1	−1.9	88	14	37	30	6.52	+1.17	1.67	16	0	9	12	10	9	sw.	Howard Fowler
Russellville	Pope	526	34	68.6	−1.4	93	4	45	30	3.85	−1.64	1.68	12	0	12	7	12	12	e.	U. S. Forest Service
St. Charles	Arkansas	175	13	69.1	......	90	4†	48	10	4.15	......	0.78	20	0	12	23	1	7	s.	U. S. Biological Survey
St. Francis	Clay	290	19	.....	......	.....	.....	.....	.....	4.52	+0.60	1.78	20-21	0	10	....	....	....	......	Wm. S. Buckley
Searcy	White	245	36	68.1	−0.9	94	4	44	10	3.94	−0.58	1.00	20-21	0	11	17	4	10	s.	Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	6	67.2	......	91	14	40	10†	6.17	......	2.81	20	0	11	5	21	5	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	6	64.2	......	87	14	38	30	6.68	......	3.01	15-16	0	12	14	13	4	s.	John Brown Univ.
Story	Montgomery	650	22	.....	......	.....	.....	.....	.....	3.71	−1.16	1.80	12-13	0	7	15	11	5	s.	S. C. Story
Stuttgart	Arkansas	214	59	68.8	−1.3	88	4†	48	10	5.16	+0.53	1.56	19-20	0	7	20	8	3	s.	George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	11	68.1	−1.4	88	4†	46	10	4.75	+0.39	1.38	21	0	11	18	11	2	......	University of Ark.
Subiaco	Logan	750	48	67.1	−2.9	89	15	44	30	4.51	−0.74	2.92	12-13	0	6	17	12	2	s.	New Subiaco Abbey
Texarkana	Miller	332	62	70.0	−1.4	92	4	50	3	6.80	+2.28	3.77	13	0	9	9	6	16	s	U. S. Weather Bureau
Turnpike***	Pope	2240	22	62.8	......	88	4	37	12	7.14	+1.22	1.62	12	0	14	14	9	8	sw.	U. S. Forest Service
Waldron	Scott	675	27	67.7	......	94	4	43	3†	4.10	−1.46	1.50	12	0	11	15	10	6	se.	William D Bivens
Warren	Bradley	206	52	70.6	−1.0	91	4	51	23†	2.20	−2.36	1.04	13	0	5	15	15	1	sw.	C. N Turner
White Rock***	Franklin	2285	10	64.3	......	89	4	45	10	7.40	......	2.18	19-20	0	12	19	4	8	sw.	U. S. Forest Service
Wilson	Mississippi	237	21	68.2	−1.7	89	15	43	10	5.85	+1.62	1.40	19	0	10	15	1	15	sw.	D. O. Anderson
Wynne	Cross	167	38	67.6	−1.9	90	4	45	10	6.26	+1.95	1.80	20-21	0	12	18	11	2	s.	Guy B. Upton
State Means	....	....	..	67.4	−1.6	95	4	35	9†	5.50	+0.52	6.43	12-13	0	9	13	10	8	sw.	

Daily Precipitation for May, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	.24					.05	.12					.17	1.67		T.	.14	.90		.32	.67				.10	.24				.06			4.68
Alum Fork Reser.	Arkansas																																....
Aplin[2]	Arkansas	.18						.18						.97		.31		.60		.29	.32	.20			.97	.59				.06			4.67
Arkadelphia[2]	Ouachita	T					.09	.29						1.68				.82			.22	.73			.22	T.				.05			4.10
Arkansas City[2]	Mississippi	.17	.08					.23						.72	.04			T.	T.	.23	1.35	.41			.33	.11				.09	.89		4.65
Ashdown[2]	Red						.37	.12						4.06				1.86		T.	T.	.12		.21	.26					.14			7.14
Augusta[2]	White	.33						.23						1.10		1.38		.12		.14	.30	1.42			.12	.55				.20			5.89
Batesville Air'y[3]	White	.38											.86	.05	.60		.07	.01		.42	1.37	.07		.01	.94								4.78
Batesville Livestk[2]	White																																....
Batesville River[2]	White	.29												.88		.76		.08			.46	1.46			.42	.33							4.68
Beaty Lake	St. Francis	.67					.18		T.					.56	.04			.18	T.	1.24	1.09	.96			.30	.57			T.	.16			5.95
Beaver[2]	White	.60											.04	.85	.94		1.23	1.35			.66	.85			.06	.07			.01	.08			6.74
Bee Branch	Arkansas	.23					.23						*	1.00				.78	T.	.50	*	1.68		T.	1.44								5.86
Beech Grove[2]	White	.63												.56				T.	.15	.30	1.40				.20	.61				.15			4.00
Beedeville[2]	White																																....
Benton[2]	Saline	.29						.29						1.48	.02			.70		.05	.19	.38			.18	.27				.06			3.91
Bentonville[2]	Arkansas	.65								.01			1.09	T.	.62		2.52			.09	.79			.06	.50			T.	.02	.05			6.40
Bethesda[2]	White	.31												1.30		.89					.70	1.20			.40		.25						5.05
Big Flat[2]	White	.44													1.82	.37				.05	.98	.42		.84	.10								5.02
Big Lake Outlet[2]	St. Francis	.28	.03	.09		T.								.20	.10			.03		1.87	.18	1.02			.15	.33				.20			4.48
Black Rock[2]	White	.74					T.							1.07	.40					.04	1.09	.02				1.25					.03		4.64
Blytheville[2]	St Francis	.28	.10										.02	.16	.09				.32	1.38	.44	.36			.46	.16							3.77
Booneville 3 mi. w.	Arkansas	.12					.18	T.						2.04			.61	.32	.55	.24	.35			.18	.18					.05			4.82
Booneville[2]	Arkansas	.14					.13	.07					T.	2.18		T.	.07	.86		.30	.76	.36			.16	.15				.07			5.31
Boughton[2]	Ouachita							.59						6.26				.95			.50	.69											8.99
Bradford[2]	White	.25						.12						.73		1.04		.09		.15	.08	1.50			.15	.42				.01			4.54
Brinkley[3]	White	.59						.28						.69				.40		1.37	.92	.89			.28	.38				.01			5.81
Burdette	Mississippi	.45												.28	.11			.10	.12	1.42	.41	.32			.66	.21				.08			4.16
Calico Rock[2]	White	.60									T.			1.73	.43	.40					.40	1.26			.12	.06				T.			5.00
Camden[2]	Ouachita							.48						2.10				2.30			.21	1.05			1.59					.05			7.78
Camp Chaffee[2]	Arkansas	.14					.04	.03			T		.32	1.90		.09	.30	.53			.80	.05		.01	.20		.32			.21			4.94
Carlisle[2]	Arkansas	.82						.17					.73		.12			.53		.45	.63	1.43			.45	.64				.05			6.02
Clarendon[2]	White	.74	.04											.65		.03		.48	.25	.10	.64	.81			.23	1.18				.01			5.16
Clinton[2]	White																																....
Cold Springs[2]	Ouachita						.15	.15						1.37			.15	.90			.67				.28					.29			3.96
Conway	Arkansas						.18	T.						1.48			.03	.64	.30	.98	2.13	.08		.02	.58	.93				T.			7.35
Corning[2]	White	.55		.06										1.61	.02			.03		.04	.18	1.75			.15	.76				.90			6.05
Cotter[2]	White	.57												.81		.54	.10				1.31	.47			.32	.63							4.75
Cove[2]	Red						.44	.50					.42	2.00				1.30		.45		.23				.11							5.45
Crossett	Ouachita						.20							.83	.13			.96	T.	1.15	1.04	.05			.10				.07	T.			4.53
Crystal Valley(nr)[2]	Arkansas	.62	.11	T.			.20							.85	T.		T.	.63	T.	.16	.07	.14	.42	T.	.21	.82				T.			4.23
Cummins Farm	Arkansas						.40											.80		1.20	.70				.30					.30			3.70
Danville[2]	Arkansas	.15					.15	.11						2.79				.54		.07	.45	.05			.33	.83				.04			5.51
Dardanelle[2]	Arkansas							.12						1.76	.14	.46		1.12		.05	.98	.67			.10	.14				.11			5.65
De Queen	Red						.47							6.43			1.10	1.34			.13												9.47
Dermott[2]	Mississippi		.02					.30						.57	.20	.01			.01	.25	1.02	.47			.37	.20				.11	.94		4.47
Des Arc[2]	White	.62	T.					.26						.91		.26				.44	.31	1.90			.27	.82				.17			5.96
Devils Knob	Arkansas	.34					.15					T.	1.48	.46	T.		.49	.27		.28	1.10			T.	.78					.20			5.55
Dumas	Mississippi	.22					.15							1.11				.03	T.	.69	2.12				.98	.08			T.	.28			5.66
Eagle Gap[2]	Arkansas	.03					.40						.33	3.21			.10	.64	T.	.18	.34	.02				.18				.37			5.80
El Dorado	Ouachita						.40							.87				1.91			T.	.19			.34	.22				.34			4.27
Eleven Point[2]	White																																......
England	Arkansas																																......
Eureka Springs	White	.65											1.20	.50	.60		1.65			.10	1.15			.07	.08			.08		.17			6.25
Evening Shade[2]	White	.53												2.00	.50	.20					1.40	2.30			.10	.90				T.			7.93
Fayetteville	White	.53		T.			.14		T.	.01		T.	1.68	.29		T.	2.36	.01		.53	1.09			.14	.50	T.		.01		.04			7.33
Fayetteville Exp. S.	White	.46		T.			.04	T.		.01		T.	1.44	.18	T.	T.	2.18			1.12	1.28	T.		.06	.27	T.		T.		.04			7.08
Fordyce	Arkansas						.26							2.31			T.	1.16		.17	.94	.47			.30	.03				.11			5.75
Forester[2]	Arkansas	.17					.21	.51						1.33				.82		T.	T.				.30	1.53							4.87
Fort Smith[1]	Arkansas	.09					.06			T.		T.	2.73			.26	.77			.59	.95			.43	.10				.21			T.	6.19
Fort Smith W. Plant[2]	Arkansas	.28						.12					*	2.79		.03	.76	.48			1.55	.15		.24	.45					.20			7.05
Fulton[2]	Red						.67	.02						1.98				1.03				.25			.05					.13	T.		4.13
Garland[2]	Red						.42	.04						2.34				1.53			.20	.67							T.	.70			5.90
Georgetown[2]	White	.38						.25		T.				.88		1.73		.19		.11	.09	2.32			.27	1.36				.29			7.87
Gilbert[2]	White	.27					T.	T.		T.			T.	1.32	.03	1.40	.01	.02			.04	.50			.10	.15							3.84
Glenwood[2]	Ouachita						.35							.60				1.95			.06	.36			.15	.07							3.54
Grannis[2]	Red					.55	.06	.14						2.07				2.61		.78	.46	T.				.11			.06			.04	6.88
Gravelly[2]	Arkansas	.07					.17	.19						1.25				.75		.05	.22	T.			.37	.71				.09			3.87
Gravette	Arkansas	.56											1.06	.12			2.47			.05	1.10			.16	.40			.07		.07			6.06
Greenbrier[2]	Arkansas																																......
Green Forest	White													1.03	.59		1.30				.67					.92				.07			4.58
Green Mountain	White													2.00	.31					T.	1.04	.62		.21									4.18
Greenwood[2]	Arkansas	.27						.97	.17					2.80	.36			.88	.32	1.02	2.01	.17	.04			.73				.59	.04		10.37
Harrison	White	.70											.41	.12	.25	.25	1.00			.30	.42				.38					.10			3.93
Helena[2]	Mississippi	.50	.17					.17						.27	.02			.42	.45	.46	.30	.28			.62	.80				.02			4.48
Henderson[2]	White	1.10											.80	.18	.70	.17	T.	T.			.80	1.13			.60				T.				5.48
Hope[2]	Red						*	.49	.03	T.				2.24				.97			T.	.51								.03			4.27
Horatio[2]	Red							.57						8.68				1.00			.02	.03											10.30
Hot Springs	Ouachita	.29					.67						.02	.66			.02	1.09	T.	T.	.05	T.		.07	1.01	.62				T.			4.50
Huntsville[2]	White																																......
Huttig Lock 7, Dam 6[2]	Ouachita							.31						.95	.58			T.	.43	.63	.21	.51			T.						.02		3.64
Index[2]	Red						1.10	T.						2.00				1.50			.75	.50								.25			6.10
Jonesboro[2]	White	.48		T.										.32	.01	.07		.01	.02	.12	.39	1.20			.16	.48				.94			4.20
Judsonia[2]	White																																......
Lake City[2]	St. Francis						T.							.10						.15		.98			.58								1.81
Lead Hill	White	.48							T.				.42		*	1.87	.73			.34	.42	T.		.13	.93			T.					5.32
Little Rock[1]	Arkansas	.45					.19	T.	T.	T.		T.	.26	.65			.60	T.	T.	.18	2.83	.06		.15	1.45					.05			6.87
Lock & Dam No. 3[2]	White	.25	T.					.02		T.				1.26	T.	.98		.05			.10	1.14			.23	.90				.02			4.95
Lurton[2]	White	.50					T.	.67						2.00	.08		.32	.14			.21	1.06			.69	.17				.18			6.02
Lutherville	Arkansas																																......
Madison[2]	St. Francis	.52	.12											.80				T.		2.35	.65	.70		.15	T.	1.35							6.64
Magnolia	Red						.46							1.53			2.10					.41			.44					.12			5.06
Mammoth Spg[2]	White	.38											.65	.09							1.98	.15		.25	.84	.23							4.57
Marianna[2]	St. Francis	*	.67											.45				.18		.98	.27	.23			.72	.32				.52			4.34
Marked Tree[2]	St. Francis	.49												1.30				.05		1.65	.30	1.31			.05	.30				.30			5.75
Marshall[2]	White	.47											1.97	.04	1.17						1.10	.04			.22								5.01
Marvell[2]	White	.54												.57						.48	.20	.46			.85		.45						3.55
Melbourne[2]	White	1.01												2.32	.10	.61					1.54	1.26				.21				.05			7.10
Mena[2]	Ouachita						.45	.09					.24	5.35				1.33		.86	.05	.01			T.	.09				.27			8.74
Monticello[1]	Ouachita	T.					.37							.94				.18	.56	.40	.36				.47	.10				.69			4.07
Morobay[2]	Ouachita							.44						1.02		.49		.66	.04	.10	.07	.05			.02	.74				.21	.02		3.86
Morrilton[2]	Arkansas	.13					T.	.14						1.61		T.		.44		.34	.42	.69			1.21	.40				T.			5.38
Mountainburg	Arkansas	.27					.11	.01					2.22	.49		.04	.98	.24		.22	1.58		.21		.53					.23			7.13
Mountain Home	White	.60											.60	.30	.60					.45	.85				1.20								4.60
Mountain View[2]	White	.33												1.73		.61		.07	.02		.26	.98			.02	.34				.28			4.64

Daily Precipitation for May, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	.11					.43							1.23			.32	1.27	.88	.08	.12				.33	.09							4.86
Mulberry[2]	Arkansas	.35					T.	.14		T.			.03	2.81		T.	.37	.52			3.22	.15			.10	T.				.27			7.96
Nashville	Red						.34	.08						5.71			.70	.85	T.	.02	.88			.05	T.					.25			8.88
Newport[2]	White	.35												.45	T.	1.15		.05		.20	.18	1.15			.12	.35				.10			4.10
Nimrod Dam[2]	Arkansas	.18					.06	.14						1.12		1.82		.65		.09	.30				.18	1.10				.05			5.69
Oark[2]	Arkansas	.53					.35						T.	2.30	.60	T.	.70	.55			2.00	.50			T.	.40				.45			8.38
Odell[2]	Arkansas	.26					.20	.07					.22	1.30		.03	1.46	.20			1.04	.16		.05	.13	.12				.15			5.39
Oden	Ouachita	.12					.65	T.					.35	3.65			.42		.54						.31					T.			6.04
Okay	Red						.25	T.						5.10			.12	2.30			.65	.10		.40						.04			8.96
Osceola[2]	Mississippi	T.	.10		.15								.58	.31	T.		T.		1.39	.05	.65			.64	.09				.30				4.26
Ozark[2]	Arkansas	.21					T.	.15					.18	1.51			.30	.29			1.80	.38			.03	.28				.26			5.39
Paragould	St. Francis			.04										.07						.25	1.26	.53			.10	.36				.82			3.43
Parkin[2]	St. Francis	.53	.15											.82					.55	1.54	.26	1.53			.18	.31				.20			6.07
Parthenon[2]	White																																......
Perryville[2]	Arkansas		.50			T.								1.27				.75			.25				.50	.80							4.07
Pine Bluff[2]	Arkansas	.10	.31					.27						1.85				1.43		.05	.31	3.73			.59	.02				.09	T.		8.75
Pine Ridge[2]	Ouachita	.10					1.36							2.02				.86		.15	.31				.46	.42							5.68
Pocahontas	White	.94												1.50							.42	1.35			.29	1.32				2.00			7.82
Portland[2]	Ouachita	.12	T.					.30						1.05	.10				T.	T.	.08	.55			T.	.25					.15		2.60
Prescott[2]	Ouachita							.45	.05					4.00				.95			.10	.55			.05					T.			6.15
Ratcliff[2]	Arkansas													.52								1.25				.80							2.57
Red Star	White							.25						2.35	.44	.78	.28			.40	.95				.08	.19			.17			.88	6.77
Rogers	White	1.86							T.			T	1.10		.80	T.	1.67			.02	.83			.04	.14			T.		.06			6.52
Russellville	Arkansas	.15					.28						.32	1.36			.09	.38	.03	.42	.23			T.	.12	.40				.07			3.85
St. Charles[2]	White	.22	T.					.16						.58				.12	.36	.38	.24	.78			.76	.49				.03	.03		4.15
St. Francis[2]	St. Francis	.46		.10										.49	.03	.05				.20	.25	1.78				.40				.76			4.52
Searcy[2]	White	.19						.35						.83		.15		.25	T.	.17	.21	1.00			.15	.62				.02			3.94
Sheridan	Ouachita	.51					.32			T.				.62			.01	.63	T.	.26	2.75	.09			.75	.11				.12			6.17
Shirley[2]	White	.22						.26						.94	.01	.42				.12	1.99				.52	.50							4.98
Siloam Springs	White	.41					.10		T.			T.	1.28	.09		.01	3.01			.26	.55			.44	.45	.03		T.		.05			6.68
Sparkman	Ouachita																																......
Stamps	Red																																......
Steve[2]	Arkansas													.98				.70							.39								2.07
Story[2]	Ouachita						.39							1.80				.35		.30					.26	.56				.05			3.71
Stuttgart[2]	Arkansas							.19										1.17	.11		1.56	1.42		.26		.45				T.			5.16
Stuttgart Evap[2]	Arkansas	.29	.21					.24						.40		T.		.37	.04	.55	.40	1.38			.30	.57							4.75
Subiaco[2]	Arkansas	.28					T.	T.					1.63	1.29			.35	.44		T.	.52												4.51
Sugar Grove[2]	Arkansas	.15						.15						1.85				.91		.05	.45	.12			.30	.51				.55			5.04
Sugar Loaf Mt[2]	White	.22						.23						.32		.40		.13	.02	.03	.78	.57			.93	.52				.02			4.17
Texarkana[3]	Red						.66	.01	T.				T.	3.77			.97	.01	.01	.19	.77			T.	T.					.41			6.80
Tichnor[2]	White																																......
Turnpike	Arkansas	.40					.18					T.	1.62	.77	1.38		.12	.24		.22	1.08	.07		.04	.75	.05				.22			7.14
Viola[2]	White	.40	.10											1.05	.07						.20	1.86			.80								4.48
Waldron[2]	Arkansas	.15					.40	.10					.30	1.20			.02	.68		.10	.80	.05								.30			4.10
Walnut Grove	White	.35											.35	.28		.07				.42	.44	.43		T.	.44	T.							2.78
Warren	Ouachita	T.					.40							1.04							.18				.25					.33			2.20
Whitecliffs[2]	Red						.60	.10						4.10			.15	1.57			.70	T.			T.					T.			7.22
White Rock	Arkansas	.33					.08						1.86	.92	.14	.12	.93	.18			2.18			.11	.28	T.				.27			7.40
Wilson[2]	Mississippi	.50		.12		.23								.90						1.40	.20	1.25			.35	.50				.40			5.85
Wynne	St. Francis	.77					.06							.85	.16			.26	.27	1.10	.35	1.80			.44	.02				.18			6.26
Yellville[2]	White	.62							T.	T.		T.		.98		.48	.20		T.		.38					.48	T.	T.		T.			3.14

Daily Evaporation (inches), and Wind Movement (miles) for May, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.148	.368	.418	.324	.190	.216	.036	.188	.222	.158	.314	.150	.066	.358	.608	.218	.269	.193	.193	.315	....	.232	.228	.084	.078	.318	.262	.218	.354	.250	.130	7.343
	Wind move	96	120	120	59	26	17	24	22	19	34	60	37	56	26	38	49	70	33	33	31	63	36	16	16	49	39	17	38	127	34	16	1,421
Hope Exp. Farm	Evap.	.113	.327	.348	.254	*	*	.639	*	.319	.236	*	.387	.238	.151	.214	.240	.150	*	.236	.120	.184	.221	.188	.092	*	.436	.215	.241	.234	.096	.312	6.191
	Wind move	23	69	69	37	*	*	88	*	59	37	*	50	57	13	26	29	20	*	58	25	49	24	12	20	*	92	23	9	52	46	24	1,011
Nimrod Dam	Evap.	.248	.340	.502	.212	.294	.166	.178	.212	.130	.192	.228	.104	.018	.250	.404	.258	.136	.182	.100	.212	*	.010	.242	.082	.204	.206	.252	.290	.308	.174	.226	6.360
	Wind move	18	55	190	38	20	10	5	3	5	10	9	27	29	53	31	58	32	22	38	38	64	36	37	25	63	36	46	49	108	8	50	1,213
Norfork Dam	Evap.	.260	.320	.262	.156	.370	.286	.293	.221	.157	.227	.295	.170	.032	.256	.221	.164	.215	.228	.200	.188	....	.220	.259	.087	.194	.210	.258	.273	.357	.218	.210	6.941
	Wind move	35	85	78	22	22	15	43	20	20	63	38	20	37	32	31	29	24	57	11	22	24	33	33	25	33	19	9	44	97	37	13	1,071
Russellville	Evap.	.304	.328	.196	.178	.256	.172	.148	.122	.166	.250	.170	.032	.112	.268	.212	.162	.126	.174	.146	.114	.192	.236	.074	.116	.234	.240	.206	.242	.278	.198	.184	5.836
	Wind move	80	22	27	9	9	9	17	8	21	32	18	4	12	9	17	7	15	5	9	9	27	15	4	11	27	8	10	17	43	10	20	531
Stuttgart Rice Exp. Farm	Evap.	.147	.243	.300	.294	.133	.210	.034	.184	.193	.217	.207	.222	.178	.149	.201	.221	.216	.129	.066	.202	.081	.175	.193	.156	.133	.111	.165	.233	.318	.034	.185	5.530
	Wind move	75	95	120	40	40	10	30	30	70	5	30	55	80	45	45	60	70	80	20	70	90	10	30	40	60	10	15	35	155	35	30	1,580

(Continued from Front Page)

The storm first hit at Cash, Craighead County, at 4:00 a.m., then moving SE, it cut a path about 50 miles wide across Greene, Craighead, Poinsett, and Mississippi Counties. The last report of the storm was from Wilson, Luxora, and Blytheville (all in Mississippi County) at 5:00 a. m. The storm had earlier been reported as a tornado, but final reports did not confirm this.

Damage was scattered over the four counties and not confined to any one area, and consisted of mostly homes, stores, churches, and schools destroyed. The total property damage for the four counties totals $200,000.00; one person was killed at Caraway, and thirty-five were injured in the four counties. Considerable damage was also reported in the southeastern tip of Missouri.

Earl Petty, of Benton, was killed when struck by lightning at a sawmill 12 miles west of Benton, during the afternoon of May 9.

Daily Temperatures for May, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Arkadelphia /	Maximum	83	80	85	93	85	71	74	75	75	75	83	80	88	92	89	82	84	80	87	91	78	80	81	82	77	83	88	90	68	78	85	82.0
	Minimum	60	50	48	53	64	55	55	50	54	47	53	58	64	65	68	64	63	67	62	65	50	50	57	64	58	50	53	57	54	43	50	56.5
Ashdown /	Maximum	83	81	82	93	83	73	75	68	74	73	79	83	82	89	89	80	83	79	84	78	77	79	78	82	78	82	86	87	62	77	....	a80.0
	Minimum	63	48	45	53	66	57	57	52	54	52	54	59	59	64	65	65	65	65	57	65	47	50	58	62	58	49	53	57	51	42	52	56.3
Batesville Air	Maximum	76	72	82	92	80	72	70	69	69	69	79	81	87	87	87	84	83	82	85	75	75	78	77	79	72	82	82	86	64	74	86	78.6
	Minimum	56	52	50	53	54	51	48	44	48	40	42	60	60	63	60	67	66	63	61	55	52	50	56	61	56	50	58	61	48	42	48	54.0
Batesville, Livestk /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Bee Branch	Maximum	70	73	80	92	84	85	72	72	70	70	74	74	86	89	87	81	82	80	83	73	76	76	75	80	75	80	80	84	68	74	78	78.2
	Minimum	58	46	52	52	59	49	53	43	50	46	47	56	60	62	61	65	63	61	62	58	50	46	55	60	55	47	54	55	45	40	45	53.4
Benton /	Maximum	....	....	....	....	....	....	....	....	....	77	78	79	84	89	85	82	82	77	82	75	75	78	80	80	73	80	83	85	66	73	80	h79.2
	Minimum	....	....	....	....	....	....	....	....	....	....	42	41	64	63	66	63	64	66	61	62	51	47	56	63	57	47	52	55	53	44	46	i55.4
Bentonville /	Maximum	73	69	81	88	80	80	68	67	71	79	75	70	89	90	85	75	80	78	76	66	73	77	74	69	76	84	83	85	62	68	80	76.5
	Minimum	54	47	43	52	48	52	43	45	45	47	48	55	55	59	55	59	60	53	59	59	41	47	55	59	45	50	58	62	38	37	50	51.0
Bethesda	Maximum	75	72	85	91	78	73	70	68	68	78	78	76	86	87	87	83	82	77	84	73	73	76	76	75	79	82	81	85	71	73	....	a78.1
	Minimum	56	46	45	48	52	46	51	41	40	57	37	56	58	63	57	63	64	60	55	55	48	46	52	60	50	45	54	57	45	39	43	51.3
Blytheville	Maximum	76	70	79	88	84	76	71	72	68	70	82	86	88	90	90	89	90	89	85	78	78	78	82	79	72	82	82	82	81	72	82	80.4
	Minimum	59	51	49	55	56	56	54	47	49	44	50	57	68	68	65	68	68	69	64	62	53	54	58	64	57	52	58	62	51	45	53	57.0
Booneville	Maximum	82	75	83	94	89	77	75	70	70	72	74	71	91	94	88	81	86	81	85	77	76	81	76	79	78	85	86	86	82	76	80	80.6
	Minimum	62	50	45	52	59	57	57	49	56	52	53	60	57	62	65	62	65	62	58	62	47	50	58	60	53	49	57	61	46	43	53	55.5
Brinkley	Maximum	79	80	84	93	85	70	70	73	72	77	82	86	85	92	89	87	84	82	85	81	77	78	84	82	78	82	85	87	83	78	83	81.7
	Minimum	60	49	50	55	60	50	55	43	53	42	46	58	62	66	65	67	65	68	65	62	54	51	57	65	56	50	56	60	51	44	50	56.0
Camden	Maximum	89	85	80	82	91	89	69	75	74	78	78	87	85	86	90	88	83	84	79	85	78	79	83	82	82	78	84	89	91	63	78	82.1
	Minimum	60	53	50	53	60	58	56	50	54	50	53	60	63	65	70	63	67	65	66	66	54	54	60	63	61	53	55	58	59	49	52	58.1
Conway	Maximum	80	76	82	95	85	74	72	72	72	74	78	80	89	91	90	84	84	81	85	79	77	80	79	83	76	84	85	87	83	77	84	81.2
	Minimum	60	47	50	53	60	52	57	50	55	46	47	58	63	66	64	67	64	67	60	62	49	49	49	63	57	51	57	58	50	45	50	55.7
Corning	Maximum	80	71	80	87	73	77	69	70	68	70	81	84	88	89	90	89	83	85	86	76	76	79	80	81	76	82	84	88	80	74	82	80.1
	Minimum	59	50	46	54	56	52	51	45	46	40	42	58	61	65	65	66	67	65	65	61	53	52	58	64	56	51	58	60	49	44	49	55.1
Crossett	Maximum	82	78	79	92	87	78	74	73	76	72	84	86	87	88	90	85	84	82	88	85	75	87	82	82	75	80	87	89	85	76	84	82.3
	Minimum	67	47	45	50	55	56	55	48	55	50	50	55	63	69	67	62	67	63	65	63	57	46	56	64	61	45	49	57	60	56	51	56.6
Cummins Farm	Maximum	71	75	78	79	....	....	....	....	....	....	81	83	81	85	85	85	82	79	82	78	74	76	81	78	75	79	82	83	79	71	81	f79.3
	Minimum	59	61	59	62	54	55	52	52	58	52	53	69	60	68	71	67	66	65	65	61	57	58	57	67	60	51	56	60	52	51	50	59.0
Dardanelle	Maximum	85	77	83	95	86	79	74	70	72	73	78	76	89	91	90	87	85	83	87	87	78	81	82	81	80	83	86	87	85	77	83	82.3
	Minimum	61	53	50	53	61	56	58	49	56	47	51	60	63	65	64	65	65	65	63	64	51	51	59	63	56	52	60	60	50	45	54	57.1
De Queen	Maximum	81	79	81	89	85	78	75	71	73	73	80	81	86	87	85	80	80	80	81	76	78	82	78	80	76	82	84	80	78	76	80	79.8
	Minimum	66	47	45	50	62	57	62	55	57	50	56	64	60	64	68	65	65	67	59	58	48	50	50	61	56	50	55	61	50	47	55	56.8
Des Arc	Maximum	81	79	80	90	90	76	71	73	72	74	81	83	88	88	86	85	80	82	85	83	81	76	81	80	76	75	80	81	78	80	79	80.5
	Minimum	59	49	51	53	60	51	55	46	53	52	45	60	61	65	64	63	65	64	54	54	52	51	55	63	60	49	55	61	49	52	47	55.4
Devils Knob	Maximum	75	70	80	90	86	76	74	69	68	70	72	67	80	85	85	75	76	80	79	70	71	74	70	74	80	80	82	....	....	....	....	d76.2
	Minimum	53	47	50	63	55	52	46	50	45	43	50	50	59	61	64	59	61	60	59	57	44	52	57	56	55	55	60	....	37	....	....	e53.6
Dumas	Maximum	82	79	82	92	80	73	72	75	73	73	81	88	87	90	90	88	88	84	88	89	75	80	84	82	72	80	85	89	79	75	84	81.7
	Minimum	62	55	53	56	66	53	57	53	55	49	51	57	64	69	69	65	67	65	66	64	57	52	59	67	60	51	55	61	53	58	50	58.7
El Dorado	Maximum	86	79	81	93	84	70	72	69	74	73	84	85	86	89	88	83	84	76	86	76	76	70	80	83	72	80	86	91	74	75	84	80.3
	Minimum	59	50	51	52	69	56	58	52	59	51	55	60	63	70	69	70	65	64	70	61	54	50	69	66	62	50	53	59	57	53	55	59.1
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Eureka Springs	Maximum	79	68	80	89	80	81	72	69	70	71	71	68	83	87	83	76	79	77	81	70	72	79	74	74	74	81	81	83	77	77	79	76.9
	Minimum	55	50	49	65	53	54	44	47	44	46	46	58	60	62	66	60	60	55	60	52	43	50	57	58	50	56	60	61	39	39	50	53.2
Fayetteville	Maximum	76	68	81	90	82	82	71	69	72	76	72	69	84	88	84	77	79	78	78	72	74	78	74	74	75	82	83	84	77	77	78	77.5
	Minimum	55	47	45	54	54	53	46	46	48	50	54	57	59	67	65	59	61	55	60	52	43	53	55	56	48	51	61	64	40	39	51	53.2
Fayetteville Exp. S.	Maximum	79	67	80	87	84	81	72	67	70	71	70	68	84	86	84	76	77	78	76	73	72	75	74	74	74	81	80	81	77	74	78	76.5
	Minimum	53	45	42	52	50	51	45	46	45	47	48	55	54	61	62	57	61	52	57	52	42	50	54	58	47	51	58	61	38	36	47	51.0
Fordyce	Maximum	86	82	81	94	87	82	76	76	76	75	84	83	88	84	89	87	84	84	87	82	80	81	81	82	83	84	88	90	89	78	85	83.6
	Minimum	67	50	49	58	65	53	53	51	52	46	51	61	63	69	69	65	62	64	65	65	51	55	58	64	59	53	59	63	53	47	67	58.4
Fort Smith	Maximum	76	74	82	91	82	77	75	67	70	73	72	70	88	91	85	76	84	77	82	75	75	82	71	76	77	83	88	88	66	75	80	78.3
	Minimum	57	54	51	56	59	58	57	54	56	52	52	58	61	66	65	64	65	63	60	54	50	54	61	59	55	53	61	50	46	45	54	56.6
Gilbert /	Maximum	74	70	84	92	81	77	72	71	73	74	73	74	88	89	88	83	83	81	84	74	76	78	75	80	76	85	86	86	62	78	78	78.9
	Minimum	57	41	44	46	46	46	49	40	39	36	38	47	57	60	56	62	65	56	54	58	44	45	50	55	54	46	52	54	44	38	42	49.1
Grannis /	Maximum	78	77	84	89	84	75	75	61	71	72	77	76	84	88	84	78	80	73	81	78	75	77	79	80	74	80	82	84	67	75	76	77.9
	Minimum	52	45	54	64	55	55	52	54	49	54	57	60	60	66	65	62	64	56	63	54	48	57	60	53	48	54	57	46	44	55	57	55.5
Gravette	Maximum	81	67	80	87	80	79	68	66	70	73	74	70	82	87	82	75	77	79	77	75	72	77	76	73	74	81	81	83	79	75	77	76.7
	Minimum	55	46	41	55	51	54	44	49	46	50	48	57	57	62	64	60	61	52	59	51	40	48	57	55	45	53	59	63	39	37	49	51.8
Green Mountain	Maximum	78	72	74	86	79	79	69	79	74	79	79	72	73	77	80	74	84	83	86	84	72	79	81	72	78	81	78	82	59	69	72	76.9
	Minimum	58	51	54	62	60	51	48	51	46	41	49	54	59	62	61	58	60	57	61	57	46	54	57	51	45	53	59	57	41	46	57	53.7
Harrison	Maximum	80	67	78	88	77	77	70	69	67	70	70	70	86	90	90	83	81	78	83	73	74	77	74	77	72	81	82	83	80	75	78	77.4
	Minimum	55	45	46	49	53	48	45	42	38	40	43	53	53	61	58	57	61	55	56	55	43	43	49	52	50	45	53	44	40	35	46	48.8
Helena	Maximum	79	73	75	86	85	69	66	70	68	70	77	83	81	88	86	85	82	82	80	78	71	75	80	78	76	75	80	85	74	68	87	77.8
	Minimum	60	49	50	55	63	51	55	46	53	46	54	60	65	67	65	67	65	65	66	62	55	51	56	64	57	48	54	64	51	47	58	57.1
Hope /	Maximum	82	80	82	92	86	72	78	68	75	74	82	83	88	89	88	82	82	77	84	78	77	81	79	82	75	83	82	88	63	76	82	80.3
	Minimum	59	51	48	55	64	55	55	53	56	50	53	59	63	65	69	64	65	64	62	65	51	54	59	65	59	51	55	61	55	47	52	57.5
Hot Springs	Maximum	81	78	86	93	90	82	75	73	75	76	81	80	86	92	90	87	84	83	86	80	80	85	82	82	80	85	88	88	87	81	81	83.1
	Minimum	63	56	53	63	63	54	57	53	55	48	53	61	64	68	70	67	64	68	63	64	51	53	61	62	55	54	59	63	51	45	53	58.5
Jonesboro	Maximum	78	70	80	87	83	72	69	71	67	70	80	84	85	87	89	87	82	84	84	76	74	78	81	80	77	81	83	87	83	72	82	79.5
	Minimum	57	50	50	56	57	52	52	45	47	43	46	55	60	68	64	68	66	67	64	59	52	50	55	63	55	50	59	58	49	45	48	55.2
Lead Hill	Maximum	75	69	80	89	80	78	71	70	70	70	72	74	87	92	87	83	82	80	84	75	75	79	74	80	76	84	83	86	77	78	80	78.7
	Minimum	57	43	46	49	46	47	47	46	37	37	38	47	59	62	57	63	63	55	54	55	46	45	50	60	53	46	56	53	44	36	51	49.9
Little Rock	Maximum	78	75	80	92	77	70	66	71	69	71	78	80	85	90	88	84	83	80	85	77	74	76	79	81	72	79	84	86	76	72	82	78.7
	Minimum	59	54	54	58	61	55	56	52	55	49	52	59	64	67	67	66	65	69	65	58	54	55	62	65	59	54	59	62	51	50	54	58.4
Lutherville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Magnolia	Maximum	85	80	83	91	91	79	72	70	74	73	82	84	87	90	88	84	83	78	87	76	77	80	81	84	78	82	85	89	66	75	83	81.2
	Minimum	67	49	48	52	68	56	54	54	59	52	57	63	64	70	63	62	68	63	63	67	52	53	59	65	60	52	56	63	52	52	58	58.7
Mammoth Spring	Maximum	75	67	81	88	87	78	79	78	69	69	78	78	86	87	87	84	83	84	82	70	76	75	77	80	76	84	83	85	79	75	80	79.4
	Minimum	50	51	45	48	47	50	42	44	35	38	39	46	59	62	60	63	62	59	57	57	49	46	46	62	54	48	55	55	45	39	45	50.3
Marianna /	Maximum	77	74	76	87	76	68	68	68	71	72	78	87	84	91	89	88	83	82	82	82	65	76	82	78	67	79	80	74	60	72	82	77.4
	Minimum	60	53	50	54	62	53	56	46	48	44	49	59	60	66	67	65	66	67	67	64	56	50	55	65	58	49	55	58	54	47	50	56.5
Marked Tree /	Maximum	76	79	80	90	77	72	69	74	70	71	80	86	86	89	88	89	84	89	84	76	72	78	83	80	69	82	83	87	65	75	82	79.5
	Minimum	58	52	49	54	58	51	55	43	47	41	45	49	61	66	64	66	65	66	63	62	54	51	56	61	57	49	55	59	53	44	49	54.9
Marshall /	Maximum	69	65	80	90	69	80	68	69	70	69	69	69	85	90	85	78	82	84	70	68	70	72	69	78	72	80	80	80	78	78	75	75.5
	Miuimum	56	46	46	56	46	50	48	43	41	46	41	48	59	62	68	64	64	60	60	57	48	49	55	60	52	48	60	62	43	38	50	52.5
Mena	Maximum	72	75	84	92	85	79	75	67	73	73	77	74	86	91	85	80	84	75	84	76	77	81	79	83	75	84	86	85	77	78	75	79.6
	Minimum	64	46	47	58	64	54	59	51	55	47	52	59	60	66	66	63	62	61	59	62	47	49	58	60	52	49	57	62	46	42	49	55.7
Monticello	Maximum	83	80	80	90	81	69	72	73	74	74	81	84	84	88	86	84	83	81	84	73	74	78	80	81	70	79	84	87	75	73	81	79.5
	Minimum	64	49	48	54	64	55	55	52	56	49	55	60	63	70	70	65	67	64	65	64	56	54	58	66	54	50	54	64	55	51	54	58.2
Morrilton /	Maximum	77	74	80	93	78	73	70	69	70	71	77	75	87	90	88	82	83	79	84	73	77	78	76	81	75	83	83	86	67	74	80	78.5
	Miuimum	57	51	52	53	59	53	54	50	52	45	47	51	62	62	62	63	64	66	63	62	51	52	56	61	55	53	55	59	50	45	49	55.3
Mountain Home	Maximum	75	68	80	90	79	75	70	70	70	71	75	72	86	88	88	83	83	80	84	73	74	78	78	70	74	83	82	85	77	75	80	77.9
	Minimum	57	49	47	51	54	52	47	46	41	42	42	54	59	62	57	64	62	57	58	55	48	47	55	54	53	49	57	59	43	39	46	51.8
Mt. Ida	Maximum	78	74	84	93	87	79	74	70	71	76	78	77	86	90	89	86	82	82	85	79	76	80	82	78	80	84	82	86	79	76	78	80.7
	Minimum	54	48	51	48	55	44	48	45	40	42	54	67	61	62	64	60	64	60	55	62	46	43	56	53	48	43	47	48	46	38	42	51.4
Nashville	Maximum	81	78	82	91	84	74	74	71	72	73	80	81	86	89	86	80	81	78	83	78	77	78	80	81	79	83	85	87	78	77	81	80.3
	Minimum	65	47	46	54	68	57	60	54	57	51	55	63	62	62	68	62	65	65	59	66	48	51	59	65	58	51	54	57	52	48	54	57.5
Newport	Maximum	77	73	84	92	87	73	71	79	71	73	80	84	88	90	90	86	85	84	85	76	78	80	82	83	76	82	84	88	80	76	81	81.2
	Minimum	60	52	50	54	61	52	56	45	48	43	45	59	62	68	63	68	67	68	65	62	54	52	57	64	58	52	57	61	51	46	49	56.4
Nimrod Dam /	Maximum	78	74	79	95	82	77	77	72	72	74	78	78	86	89	90	85	88	80	87	84	76	80	82	82	77	90	85	86	70	76	80	80.9
	Minimum	59	46	47	51	59	49	54	45	53	44	45	55	62	63	62	63	64	65	60	62	51	56	54	64	56	47	53	57	49	44	45	54.3
Oden	Maximum	77	74	84	93	88	78	75	72	74	74	79	75	87	91	87	78	83	74	88	77	78	80	78	81	76	84	87	87	70	78	78	80.2
	Minimum	52	45	45	52	60	54	50	49	54	42	48	61	62	61	65	61	64	63	57	56	46	45	55	61	54	47	64	60	46	40	49	53.8

Daily Temperatures for May, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	85	84	83	91	91	84	75	71	75	75	81	83	86	89	87	82	82	83	83	78	78	79	79	81	82	82	85	87	83	75	82	82.0
	Minimum	67	50	47	54	69	57	60	53	56	51	55	65	65	64	68	65	64	65	60	66	51	52	69	65	59	52	55	62	55	48	54	58.8
Ozark	Maximum	81	71	81	79	80	72	73	67	70	71	72	72	86	89	90	78	82	81	82	73	74	79	75	77	76	82	86	84	81	80	....	[a]78.1
	Minimum	59	51	47	54	58	57	56	50	56	51	56	60	59	65	62	52	65	60	59	62	54	49	59	56	53	52	58	63	46	54	....	[a]56.1
Faragould	Maximum	....	....	79	90	89	74	72	69	68	69	80	86	88	90	91	90	....	88	85	80	75	78	82	81	74	80	82	88	85	73	81	[c]81.0
	Minimum	....	....	45	53	55	55	52	42	46	40	50	52	64	65	69	68	....	66	67	58	53	50	54	63	55	48	54	53	49	48	48	[c]54.4
Perryville	Maximum	81	76	86	95	91	76	71	70	70	71	78	77	88	91	89	83	83	80	86	80	75	80	80	83	75	83	85	87	85	74	81	81.0
	Minimum	61	49	49	50	63	49	56	46	55	46	45	56	62	61	62	65	65	63	59	69	53	46	56	63	56	49	54	56	43	48	46	54.9
Pine Bluff	Maximum	72	78	84	93	86	72	73	76	75	76	81	84	86	91	89	79	86	79	76	77	75	81	84	81	74	82	89	89	80	77	84	80.9
	Minimum	64	56	54	59	66	54	59	55	58	50	52	59	64	70	72	68	66	68	68	64	54	54	65	65	60	54	57	57	59	51	53	59.8
Pocahontas	Maximum	83	71	82	89	85	74	72	71	69	71	80	83	89	88	89	87	83	84	84	74	76	78	79	80	76	84	82	87	85	73	80	80.3
	Minimum	58	47	49	51	54	52	50	43	47	41	44	51	60	62	61	66	65	62	64	60	52	49	55	62	55	49	58	57	47	43	47	53.6
Portland	Maximum	85	80	81	86	85	78	72	75	75	75	83	85	82	85	85	84	80	84	85	82	74	80	80	81	76	78	84	86	84	74	83	80.9
	Minimum	68	54	51	56	68	57	57	56	54	49	52	58	63	70	69	66	69	65	67	65	57	54	59	67	60	52	55	62	60	54	53	59.6
Prescott	Maximum	85	84	84	92	92	81	75	73	75	75	85	83	89	91	89	86	85	82	35	81	78	81	81	84	80	85	88	90	88	78	83	83.5
	Minimum	69	59	57	56	68	56	60	59	57	50	54	54	64	69	71	65	66	65	64	66	52	53	61	65	59	53	57	60	53	50	59	59.7
Rogers	Maximum	77	76	80	87	79	79	68	68	70	73	72	67	83	88	83	73	79	78	79	68	73	79	75	72	73	80	81	83	76	74	79	76.5
	Minimum	55	44	45	53	53	53	45	48	45	47	49	57	55	63	65	60	60	53	60	52	42	47	55	57	46	52	58	60	38	37	48	51.7
Russellville	Maximum	84	75	82	93	91	78	74	70	70	72	76	71	88	91	90	85	86	83	85	78	77	81	77	80	78	84	86	88	85	76	82	81.2
	Minimum	60	52	50	52	58	52	57	49	55	50	49	57	64	63	63	66	64	63	61	62	50	50	49	63	56	58	58	58	49	45	50	55.9
St. Charles/	Maximum	79	79	80	90	79	80	70	73	71	73	80	86	85	90	88	85	82	79	84	78	75	78	82	79	70	80	84	87	66	73	80	79.5
	Minimum	60	53	53	57	65	54	57	52	55	48	52	60	66	66	66	67	67	65	68	64	57	54	58	67	59	52	57	62	54	51	54	58.7
Searcy	Maximum	80	75	80	94	83	71	70	70	70	72	80	83	87	90	90	86	83	82	86	77	76	79	79	83	74	82	84	88	68	75	83	80.0
	Minimum	59	50	57	54	61	51	56	46	52	44	48	56	60	67	64	67	66	69	63	62	52	51	57	64	56	51	56	59	50	45	49	56.2
Sheridan	Maximum	78	76	75	85	82	74	72	73	74	71	82	82	85	91	90	86	84	81	86	79	77	81	84	83	77	86	90	90	83	75	84	81.2
	Minimum	59	45	46	45	44	47	53	47	53	40	40	40	62	64	64	64	63	68	63	63	50	50	56	63	56	50	54	58	50	42	47	53.1
Siloam Springs	Maximum	78	67	82	86	79	83	68	68	71	73	74	67	84	87	83	74	78	78	76	70	74	76	75	71	75	81	82	83	76	75	78	76.5
	Minimum	55	47	41	53	51	55	46	48	47	47	48	57	58	66	63	58	62	52	59	51	41	49	56	53	46	51	61	63	40	38	50	52.0
Stuttgart	Maximum	80	74	79	88	77	72	69	71	70	71	74	83	84	88	87	87	84	79	83	80	76	77	82	80	78	72	82	86	80	71	80	78.8
	Minimum	60	52	53	56	65	54	59	50	56	48	57	58	65	68	66	67	66	68	68	64	54	54	58	66	59	59	57	63	53	49	53	58.9
Stuttgart Evap./	Maximum	77	73	78	88	77	70	68	72	70	71	80	83	84	88	88	85	84	79	82	77	73	78	81	79	70	79	86	85	65	72	82	78.2
	Minimum	60	60	51	55	60	51	56	48	53	46	51	58	64	65	65	65	67	66	65	67	56	53	59	63	59	53	57	62	60	50	53	58.0
Subiaco	Maximum	87	70	76	88	82	75	69	66	69	69	75	72	85	86	89	81	83	80	84	70	72	78	72	74	78	79	86	87	81	81	80	78.2
	Minimum	60	52	51	54	60	55	54	48	53	48	52	59	60	64	63	62	64	63	58	60	48	51	57	62	50	51	60	63	60	44	51	56.0
Texarkana	Maximum	83	77	82	92	85	73	74	71	76	75	83	83	87	87	88	79	83	76	85	76	76	80	77	82	77	82	85	88	75	77	81	80.5
	Minimum	57	51	50	61	67	56	59	55	59	54	55	67	64	70	70	66	66	66	61	58	51	57	62	63	60	55	60	64	54	52	56	59.5
Turnpike	Maximum	75	65	78	88	81	71	65	65	64	67	67	63	80	83	81	75	75	75	77	68	69	72	67	70	67	76	75	78	74	70	70	72.6
	Minimum	54	50	51	65	57	50	46	50	44	45	51	37	51	58	63	60	59	59	60	53	46	52	58	58	49	55	59	63	38	45	54	52.9
Waldron	Maximum	86	74	83	94	86	80	76	72	70	74	75	73	88	92	87	81	84	75	85	77	75	81	76	81	75	84	87	86	83	79	81	80.6
	Minimum	62	46	43	52	59	54	58	49	55	47	51	60	56	60	64	61	64	64	57	63	47	48	57	61	54	48	56	60	46	43	53	54.8
Warren	Maximum	84	81	81	91	87	78	71	75	75	71	77	84	86	88	86	84	84	80	86	85	80	75	82	81	82	80	86	86	84	84	83	81.8
	Minimum	69	54	54	58	70	56	58	53	55	54	52	59	65	64	62	63	69	65	65	53	70	55	51	66	61	51	54	61	57	60	62	59.5
White Rock	Maximum	75	68	82	89	81	72	70	67	65	69	69	65	80	84	80	74	77	73	79	66	71	72	70	70	71	78	79	79	76	72	72	74.0
	Minimum	54	47	51	60	57	50	46	52	47	45	52	55	59	65	61	57	59	59	60	50	46	52	58	55	46	53	59	61	54	60	62	54.6
Wilson	Maximum	80	71	78	87	87	72	69	70	67	70	80	85	84	79	89	87	82	84	84	78	73	78	82	79	77	80	83	88	83	71	82	79.3
	Minimum	60	50	48	58	57	52	55	45	48	43	48	57	64	69	64	68	68	68	66	62	55	54	57	65	66	51	58	62	52	45	51	57.0
Wynne/	Maximum	77	74	80	90	80	73	68	72	68	70	80	84	83	88	88	87	82	83	84	73	73	78	77	79	77	80	82	86	81	73	82	79.1
	Minimum	59	53	50	56	54	52	55	46	50	45	53	55	62	68	57	68	65	62	65	63	55	53	62	64	50	50	57	57	51	47	52	56.0

Daily River Stages for May, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	24.0	21.7	19.6	16.6	14.7	13.6	12.5	12.1	11.2	10.6	9.6	9.2	12.2	20.3	17.9	16.4	21.0	20.6	25.8	25.0	23.9	23.3	22.2	23.0	24.0	22.4	21.9	19.9	18.9	17.8	15.7
Van Buren	do	22	24.9	22.7	20.5	17.5	15.6	14.2	13.0	12.4	11.4	10.7	9.6	9.2	13.0	21.4	18.9	17.4	21.4	26.5	26.6	26.0	25.0	24.4	23.2	23.8	25.1	24.6	23.0	21.1	20.0	18.9	16.8
Danville	Petit Jean	20	17.5	18.1	18.2	18.6	13.3	8.7	6.7	5.8	5.1	4.7	4.2	4.1	8.7	14.6	15.6	16.5	10.1	10.8	13.7	15.1	12.9	12.9	13.7	13.6	13.3	9.9	10.0	4.8	4.1	6.4	6.3
Ozark	Arkansas	22	20.6	18.7	16.7	14.4	12.2	10.7	9.4	8.4	7.9	7.2	6.5	5.8	7.6	15.5	15.2	13.4	14.0	19.8	21.0	21.2	20.7	19.5	18.3	18.0	19.3	19.5	18.8	16.4	15.3	14.7	13.9
Dardanelle	do.	22	23.9	22.9	20.8	18.5	15.7	13.7	12.3	11.2	10.5	9.8	9.2	8.3	9.3	14.3	19.0	17.0	15.5	20.0	23.6	24.4	25.0	23.6	22.4	21.0	21.9	22.5	22.1	20.4	18.6	17.4	16.4
Morrilton	do.	20	19.4	19.3	17.7	15.6	12.9	10.4	8.6	7.1	6.1	5.4	4.6	3.8	3.6	6.6	13.4	13.2	11.5	13.3	17.6	18.9	19.8	19.3	18.2	17.1	17.1	18.0	18.0	16.8	15.1	13.4	12.5
Little Rock	do.	23	18.1	18.8	18.1	16.9	15.4	13.4	11.6	10.2	9.1	8.4	7.7	7.2	6.8	7.3	12.2	14.5	13.6	12.7	16.4	18.8	19.5	19.8	19.1	18.2	17.6	18.0	18.5	17.8	16.6	15.3	14.3
Pine Bluff	do.	25	20.1	20.6	20.5	19.6	18.6	17.3	15.7	14.0	12.6	11.5	10.6	9.8	9.3	8.8	11.0	16.4	17.1	16.0	17.1	19.8	21.0	21.4	21.1	20.5	19.8	19.6	19.9	20.0	19.9	18.4	17.4
Gilbert	Buffalo	30	7.1	6.9	6.4	5.9	5.6	5.4	5.2	5.0	4.9	4.8	4.7	4.6	7.7	7.4	7.6	6.3	6.2	5.7	5.4	5.2	6.0	6.0	5.7	5.3	5.2	5.1	4.9	4.8	4.6	4.5	4.4
Black Rock	Black	14	15.4	15.8	15.6	15.2	14.8	14.6	14.4	14.2	13.8	13.2	12.5	11.5	11.2	11.0	10.4	9.6	8.9	8.3	7.8	8.3	10.1	10.7	9.5	8.6	9.3	9.9	9.2	8.5	8.1	7.6	7.2
Forsyth, Mo.	White	30	8.0	8.0	9.1	8.5	7.8	7.2	6.8	6.4	6.2	6.0	3.5	2.4	3.2	3.1	8.9	10.2	11.9	12.2	10.6	8.6	10.2	10.8	10.6	8.8	7.8	7.4	7.2	6.9	6.4	6.2	6.1
Cotter	do	21	8.6	8.7	8.5	8.6	8.5	7.1	6.6	6.1	5.7	5.5	5.2	4.3	4.2	4.7	5.1	8.8	11.0	11.9	11.7	10.3	9.0	9.9	9.2	9.9	9.5	7.5	7.0	6.3	6.3	5.8	5.5
Calico Rock	do	18	†9.8	†9.4	†9.2	†8.4	†7.8	†7.0	†6.3	†5.8	†5.4	†5.0	†4.7	†4.2	†3.6	5.9	†5.8	8.9	10.1	10.8	12.0	10.8	10.0	9.0	9.1	10.1	9.8	8.1	7.2	6.7	6.6	6.0	5.6
Lock 3	do	..	14.6	14.6	14.5	14.1	13.1	12.4	11.6	11.0	11.6	10.9	10.7	10.5	11.4	10.8	12.9	14.1	14.7	16.1	17.0	16.2	17.5	14.7	14.9	15.4	14.9	13.8	12.6	12.0	11.6	11.3	10.8
Batesville	do	23	16.0	16.2	16.0	15.5	14.5	13.6	12.6	11.8	12.0	11.0	11.1	10.7	10.9	10.9	13.9	14.6	15.8	17.5	18.5	18.3	20.5	16.5	16.2	17.0	17.0	15.4	13.8	13.3	12.5	12.0	11.5
Newport	do	26	21.0	20.4	20.0	19.7	19.3	18.5	17.7	16.7	15.7	15.2	14.4	13.5	12.8	12.9	13.2	14.3	15.7	16.8	17.7	18.8	19.6	20.3	19.7	19.6	19.5	19.0	18.0	16.7	15.4	14.2	13.0
Augusta	do.	32	31.2	31.3	31.2	31.2	31.1	30.9	30.7	30.4	30.0	29.6	29.0	28.4	27.8	27.1	27.1	27.4	27.9	28.4	29.0	29.4	30.0	30.4	30.7	30.8	30.9	30.9	30.8	30.6	30.0	29.4	28.6
Sugar Loaf Mt.	Little Red	..	6.1	7.0	7.0	6.6	6.1	5.8	5.5	5.3	5.1	4.9	4.7	4.5	4.4	11.4	8.1	8.7	7.0	6.3	5.8	5.5	7.5	9.7	7.7	6.9	6.8	7.6	6.6	6.0	5.6	5.2	5.0
Georgetown	White	21	19.8	20.3	20.7	20.9	21.0	21.0	20.9	20.8	20.5	20.2	19.9	19.5	19.0	18.5	18.6	18.5	18.5	18.5	18.5	18.6	19.0	19.5	20.1	20.3	20.5	20.7	20.8	20.8	20.7	20.4	20.0
Des Arc	do	24	21.1	21.4	21.5	21.8	22.0	22.2	22.3	22.3	22.1	22.0	21.7	21.5	21.3	20.9	20.7	20.5	20.3	20.1	20.1	20.1	20.7	21.1	21.1	21.3	21.9	22.2	22.4	22.4	22.5	22.5	22.5
Clarendon	do	26	26.1	26.0	26.0	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9	25.8	25.6	25.4	25.3	25.2	25.1	25.1	25.1	25.2	25.3	25.4	25.6	25.7	25.8	25.9	26.0	26.0	26.0
St. Charles	do	25	25.3	25.4	25.3	25.3	25.4	25.4	25.4	25.3	25.3	25.3	25.2	25.2	25.2	25.1	25.0	25.0	24.9	24.8	24.7	24.7	24.6	24.5	24.5	24.5	24.5	24.5	24.6	24.6	24.6	24.7	24.7
Glenwood	Caddo	..	7.3	6.2	6.0	5.8	5.4	5.3	5.4	5.2	5.1	4.9	4.9	4.9	5.0	5.0	4.9	4.8	8.0	6.2	6.1	6.1	5.7	5.5	5.3	5.3	5.2	5.1	4.9	4.8	4.7	4.7	4.8
Arkadelphia	Ouachita	17	19.0	15.4	12.2	8.4	8.6	8.8	7.9	7.6	7.4	5.7	4.7	4.2	6.7	9.1	8.6	9.8	7.6	12.0	8.6	11.5	10.5	8.1	6.1	6.5	6.8	5.8	5.8	6.6	4.4	6.4	4.0
Boughton	Little Mo.	20	17.3	17.8	18.4	14.5	10.3	8.4	7.7	7.3	6.9	6.5	6.2	5.9	18.5	21.7	20.6	12.5	13.4	14.2	15.6	15.9	13.3	12.5	11.4	8.9	7.7	6.1	6.6	6.2	5.9	5.7	5.5
Camden	Ouachita	26	18.0	23.6	26.8	28.0	28.1	27.4	26.1	24.0	23.3	17.2	14.2	11.6	11.0	14.3	20.6	24.1	27.8	29.2	29.4	29.0	28.1	27.3	26.6	25.5	23.6	21.1	18.3	15.4	13.6	11.6	9.5
Benton	Saline	20	12.1	10.6	9.0	8.1	7.5	7.0	6.8	6.6	6.3	6.0	5.8	5.6	6.2	8.8	7.2	6.5	6.3	8.0	7.5	8.3	8.4	8.4	7.3	6.8	9.0	8.8	7.7	7.0	6.6	6.2	6.0
Index	Red	25	18.2	20.1	20.4	19.1	15.6	14.6	12.6	11.8	11.0	13.8	12.9	11.0	11.0	15.6	17.6	17.0	16.2	17.4	16.6	16.3	16.1	15.9	18.0	19.1	19.5	19.3	19.3	19.2	20.0	20.1	20.1
Fulton	do	25	21.0	22.7	23.8	22.8	21.5	20.3	19.4	18.4	18.1	18.0	16.4	14.5	14.1	18.7	21.8	22.8	22.8	24.1	24.0	23.7	23.9	23.6	25.0	25.5	25.5	25.0	24.5	24.3	24.1	23.9	23.6
St. Francis	do	18	19.3	20.1	20.4	20.4	20.4	20.3	20.2	20.0	19.8	19.5	19.3	19.0	18.7	18.3	17.3	15.5	12.2	9.1	9.6	12.0	14.7	14.9	14.7	14.4	14.0	13.5	12.1	10.7	12.1	13.1	13.2
St. Francis L.L.	do	..	23.0	22.8	22.6	22.4	22.3	22.2	22.2	22.2	22.3	22.4	22.5	22.3	22.7	22.7	22.7	22.6	22.5	22.4	22.3	22.2	22.2	22.0	21.3	21.6	21.6	21.1	21.4	21.3	21.3	21.4	21.3
Marked Tree	do	17	7.9	7.9	7.9	7.8	7.7	7.6	7.5	7.5	7.5	7.5	7.5	7.5	7.7	7.6	7.6	7.6	7.5	7.5	7.7	8.0	8.1	8.1	7.9	7.8	7.7	7.5	7.5	7.4	7.4	7.0	7.1
Parkin	do	28	16.6	16.9	16.8	16.5	16.1	15.8	15.5	15.2	15.1	14.8	14.7	14.5	14.5	14.6	14.4	14.0	13.5	12.9	12.6	13.1	14.4	15.2	14.8	14.0	13.0	12.1	11.4	10.8	10.6	10.3	10.1
Madison	do	32	22.7	22.6	22.6	22.5	22.3	22.2	22.2	22.0	21.8	21.6	21.4	21.1	20.8	20.3	19.6	19.3	17.8	16.8	16.0	15.4	15.8	15.9	15.0	14.6	14.0	14.0	13.8	13.9	14.2	14.7	15.1
Helena	Mississippi	44	39.8	39.9	40.0	40.0	40.1	40.2	40.2	40.1	40.0	39.7	39.3	38.8	38.0	37.0	35.9	34.7	33.0	31.5	29.8	28.4	27.1	26.3	25.8	26.0	27.0	28.4	29.6	30.8	31.7	32.7	33.4
Arkansas City	do	42	35.1	35.2	35.4	35.6	35.6	35.6	35.5	35.3	35.0	34.7	34.4	34.1	33.7	33.2	32.5	31.9	31.7	31.3	30.4	29.7	29.5	29.3	29.0	28.7	28.5	28.5	29.0	29.6	30.3	30.8	31.1

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. •Included in next measurement. // Windshield on gage. /Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock, Index, Route 5, Texarkana; Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill: Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2 Winslow

W.B.R.P.O., Fort Worth, Texas. 7-22--1947—1225

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Nat. Hist.

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

SEP 3 - 1947

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LII   LITTLE ROCK, ARK., JUNE, 1947   No. 6

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

June weather over Arkansas was dominated by High Pressure Areas that were centered over the eastern sections of the United States. No LOWS passed directly over the State, and those that influenced June's weather developed on the eastern slopes of the Central Rockies, and moved either northeast or east.

The first severe weather of the month was due to the movement of a squall-line and Cold Front across the State on the first. The Cold Front was associated with a LOW centered over Kansas. An upper Cold Front, in advance of the surface Cold Front, created a tornado just south of Pine Bluff on the afternoon of the first (see Storms).

The warmest period of the month was from the 5th through the 12th, during which time Arkansas was on the backside of a HIGH centered over the southeastern part of the United States. The HIGH was drawing tropical warmed air over the State giving temperatures in the nineties over most of the State. The average temperature during this period was about 5° above the average.

An unusually cool period of weather prevailed from the 13th through the 17th, and was due to the movement of several Cold Fronts across the State. These fronts were associated with LOWS that had developed in the Rockies and were moving eastward over Nebraska and Northern Iowa. The temperature averaged about 6° below normal during this period.

The greater portion of the month's rain fell during the period 20th through 27th, mostly in the form of scattered thundershowers. This condition led to adjacent counties reporting too dry weather for crops, and the other reporting too wet.

Crops in general fared well throughout the month, except for cotton being retarded slightly by the cool nights from the 13th to the 17th.

TEMPERATURE

The average temperature for the month was 76.7°, or just 0.4° below the 57-year average. Prescott reported the highest average with 79.8°, 0.6 above their average. Turnpike had the lowest average with 71.6.

Booneville reported the highest temperature of the month with 101° on the 30th; Blytheville was second highest with 100° on the 12th. The low temperature for practically all stations in the State occurred on the 14th, and ranged from the forties to the low fifties. The lowest was 44°, and was reported by 6 different stations.

PRECIPITATION

The State's average rainfall for the month was 3.88 inches, 0.21 inch below the 57-year average. The reports from the individual stations show that the monthly totals covered a wide range from a low of 0.50 inch at Oden to a high of 10.27 inches at Cummins Farm. The greatest 24-hour fall was 5.66 inches at Marked Tree on the 22nd.

Light hail was reported in several widely scattered thundershowers, but the only damage reported was at Walnut Ridge on the 25th (see Storms).

Summary Continued on Page 34

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	34	1					1	1			10	2	20					2	2	23	23	12	20	3	10	23	8	2	6	1	
High Winds	16	1				2			5	5	2						1														
Heavy Fog												1												1							
Sleet																															
Hail	2																											1			
Killing Frost																															

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.05	15	29.61	1	7.2	34	nw.	1	87	58	55	70	0
Little Rock	30.10	3	29.67	1	8.2	33	nw.	26	90	67	68	69	0
Memphis	30.09	23	29.71	1	7.9	23	sw.	26	83	59	61	78	0
Texarkana	30.08	30	29.70	1	....	35	n.	1	87	56	56	..	0

COMPARATIVE DATA FOR JUNE

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	77.9	103	56	3.71	0	17	11	11	8
1892	76.9	103	40	3.87	0	8	16	10	4
1893	76.3	99	49	5.20	0	9	12	12	6
1894	76.6	106	42	1.39	0	4	17	10	3
1895	76.9	100	47	5.94	0	10	12	10	8
1896	77.7	103	48	1.91	0	5	14	10	6
1897	78.0	106	41	3.46	0	6	12	13	5
1898	78.7	100	60	4.86	0	11	8	14	8
1899	77.3	102	50	2.74	0	6	13	12	5
1900	76.6	100	43	7.10	0	13	7	14	9
1901	79.4	110	41	1.44	0	4	16	12	2
1902	77.5	105	42	5.27	0	6	16	9	5
1903	70.5	99	37	2.53	0	7	13	10	7
1904	75.3	99	50	7.14	0	10	11	13	6
1905	77.9	104	44	5.90	0	10	12	10	8
1906	76.2	101	44	4.60	0	8	14	11	5
1907	75.2	103	39	4.48	0	8	14	11	5
1908	76.0	98	46	3.85	0	8	13	11	6
1909	76.9	104	49	4.08	0	10	12	12	6
1910	74.1	99	44	4.85	0	10	12	13	5
1911	80.9	106	47	2.53	0	6	16	11	3
1912	73.1	97	42	5.88	0	9	11	12	7
1913	77.0	103	39	1.68	0	4	16	11	3
1914	82.3	109	52	1.00	0	2	19	10	1
1915	76.0	106	45	4.92	0	9	12	9	9
1916	75.4	99	43	5.15	0	8	12	10	8
1917	75.2	105	37	4.87	0	6	18	7	5
1918	80.5	110	49	3.55	0	7	15	9	6
1919	76.9	101	45	5.11	0	10	11	10	9
1920	74.7	101	42	3.41	0	6	19	6	5
1921	78.5	103	46	4.84	0	11	12	10	8
1922	78.6	104	44	2.64	0	7	16	8	6
1923	76.7	99	46	5.20	0	9	13	11	6
1924	78.5	105	42	3.64	0	8	15	6	9
1925	82.3	108	46	2.08	0	4	17	9	4
1926	76.6	104	42	2 60	0	6	17	8	5
1927	76.3	104	43	6.50	0	9	13	8	9
1928	73.5	100	40	9.44	0	13	8	9	13
1929	76.2	102	41	3.68	0	7	17	8	5
1930	76.4	107	39	0.87	0	2	22	6	2
1931	78.3	107	35	2.60	0	6	19	8	3
1932	78.9	103	50	4.86	0	10	12	11	7
1933	78.4	107	40	1.30	0	3	22	6	2
1934	81.1	108	49	2.88	0	5	19	8	3
1935	74.3	98	36	8.38	0	13	10	10	10
1936	80.0	113	44	1.26	0	3	23	5	2
1937	78.8	106	45	4.95	0	9	14	10	6
1938	75.8	101	48	4.34	0	9	13	9	8
1939	77 9	100	49	4.50	0	11	9	13	8
1940	75.2	98	45	4.35	0	10	12	9	9
1941	76.2	103	47	4.01	0	8	12	12	6
1942	77.2	104	45	4.54	0	11	10	12	8
1943	79.8	102	47	2.86	0	7	11	14	5
1944	79.2	102	48	8 04	0	6	16	10	4
1945	75.2	98	43	9.26	0	11	9	11	10
1946	75.6	99	41	2.12	0	5	14	11	5
1947	76.7	101	44	3.88	0	7	12	12	6
1948									
Period	77.1	113	35	4.09	0	8	14	10	6

NAT. HIST.

Climatological Data for June, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	10	76.2	-0.1	99	30	53	3	3.97	-0.72	2.05	23	0	6	5	21	4	w.	L. R. Water Works
Arkadelphia	Clark	200	51	77.6	-0.5	^{a}96	29	50	14	4.56	-0.07	1.55	23	0	6	12	11	7	sw.	W. H. Halliburton
Ashdown	Little River	329	3	77.4	.....	95	29†	49	14	2.63	......	1.75	20-21	0	5	5	19	6	.....	Southwestern G. & E.
Batesville Airway	Independence	363	11	76.8	+0.5	94	12†	50	14	3.46	......	2.50	22-23	0	6	4	19	7	s.	Airway Observer
Batesville Livestk.	Independence	500	6	.....	.....	.....	.....	.....	.....	.....	......	.....	.....	.....	.....	.....	.....	.....	.....	University of Arkansas
Bee Branch	Van Buren	650	54	75.2	-1.5	94	30	45	14	5.67	+1.60	3.38	22-23	0	7	7	19	4	w.	Minnie Scanlan
Benton	Saline	285	11	75.0	-1.4	92	12†	47	14	2.66	......	1.21	23	0	5	25	2	3	sw.	Mrs. Etta C. Burks
Bentonville	Benton	1295	41	74.4	+0.3	93	28	47	14	6.00	+0.80	1.48	31-1	0	9	8	14	8	s.	E. L. Brown
Bethesda ***	Independence	500	7	74.4	.....	94	30	45	14	2.03	......	1.02	1	0	3	13	11	6	sw.	Soil Cons. Service
Black Rock	Lawrence	259	45	.....	.....	.....	.....	.....	.....	3.94	+0.42	1.02	27	0	7	.....	.....	.....	.....	J. H. Ragan
Blytheville	Mississippi	252	21	78.5	+0.5	100	12	54	14	4.50	+0.83	1.50	20	0	8	17	5	8	s.	R. E. Blaylock
Booneville 3 miles w	Logan	465	32	78.1	+0.2	101	30	49	14	1.68	-2.73	0.95	13	0	5	15	11	4	s.	F. H. Randolph
Brinkley	Monroe	205	55	77.4	-0.5	95	12†	50	14	3.17	-0.56	2.17	20-21	0	6	6	15	9	s.	Robert L. Glover
Camden	Ouachita	116	61	78.8	+0.3	99	13	53	14	2.98	-1.14	1.48	21-22	0	5	14	13	3	se.	J. M. Knight
Camp Chaffee	Sebastian	419	3	77.8	.....	97	30	50	14	2.89	......	1.28	13	0	9	6	13	11	sw.	U. S. Army
Clarendon	Monroe	172	42	.....	.....	.....	.....	.....	.....	2.80	-0.76	1.10	23	0	9	.....	.....	.....	.....	B. F. Northern
Conway	Faulkner	309	63	.....	.....	.....	.....	.....	.....	.....	......	.....	.....	.....	.....	.....	.....	.....	.....	G. Y. Short
Corning	Clay	293	53	77.0	+0.6	96	12†	50	14	5.25	+1.28	1.45	19	0	8	15	7	8	w.	Mrs. Laura Polk
Cotter	Baxter	440	19	.....	.....	.....	.....	.....	.....	3.07	-1.28	0.83	1	0	9	.....	.....	.....	.....	O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	78.5	-0.2	97	12	51	15†	4.82	+0.75	3.98	20-21	0	5	15	11	4	sw.	U. S. Forest Service
Cummins Farm ***	Lincoln	176	3	77.6	.....	96	12	54	14	10.27	......	4.10	23-24	0	7	13	14	3	s.	T. C. Cogbill
Danville	Yell	327	30	.....	.....	.....	.....	.....	.....	1.33	-2.92	0.49	1	0	7	.....	.....	.....	.....	J. A. Moudy
Dardanelle	Yell	330	60	79.2	+0.7	99	30	51	14	4.43	+0.54	1.33	2	0	8	5	19	6	s.	Geo. N. Goodier
DeQueen	Sevier	426	11	77.4	-0.6	94	29†	48	14	0.79	-3.22	0.33	1	0	4	13	16	1	.....	L. D. McCown
Des Arc	Prairie	204	8	75.4	.....	93	30	50	14	2.06	......	0.98	23	0	4	10	2	18	s.	Z. R. Glenn
Devils Knob ***	Johnson	2350	10	^{g}72.4	.....	^{h}86	20†	47	14	5.54	......	1.40	21	0	7	.....	.....	.....	sw.	U. S. Forest Service
Dumas	Desha	162	41	78.8	-0.4	97	12†	55	15	5.94	+2.33	2.40	23-24	0	7	5	20	5	s.	Ben Johnson
El Dorado	Union	270	46	79.3	-0.6	96	12	54	15	2.86	-0.90	2.30	21	0	5	9	19	2	s.	Airway Observer
England	Lonoke	229	40	.....	.....	.....	.....	.....	.....	.....	......	.....	.....	.....	.....	.....	.....	.....	.....	Joseph M. Dolan
Eureka Springs	Carroll	1465	46	74.6	0.0	91	30	48	14	5.61	-0.04	1.80	1	0	9	21	8	1	sw.	Geo. W. Nichoalds
Fayetteville	Washington	1334	9	75.5	.....	92	30	48	14	6.04	......	2.67	1	0	7	7	16	7	s.	Charles F. Ford
Fayetteville Exp	Washington	1451	59	73.7	-0.9	91	30	45	14	6.51	+1.84	2.63	1	0	6	7	22	1	s.	University of Arkansas
Fordyce	Dallas	280	6	^{b}79.4	+0.4	96	12†	^{e}52	14†	5.10	+1.43	2.64	23	0	8	13	13	4	sw.	Ark. Forestry Com.
Fort Smith	Crawford	448	65	78.0	+0.5	97	29	53	14	2.73	-0.99	1.07	13	0	6	7	11	12	sw.	U. S. Weather Bureau
Fulton	Hempstead	260	61	.....	.....	.....	.....	.....	.....	1.72	-2.09	1.16	20-21	0	4	.....	.....	.....	.....	Ina J. Logan
Georgetown, 2 mi, se	White	200	34	.....	.....	.....	.....	.....	.....	2.33	-1.61	0.78	1	0	6	.....	.....	.....	.....	J. S. McDonald
Gilbert	Searcy	600	21	75.2	.....	96	30	44	14	2.48	-1.18	0.80	1	0	10	2	20	8	s.	D. O. Dennis
Grannis	Polk	950	27	75.0	-0.7	91	30	47	13	2.44	-2.43	1.10	25	0	7	8	14	8	s.	W. E. McVay
Gravette	Benton	1250	49	74.3	+0.2	90	19†	44	14†	6.87	+1.29	2.40	23	0	7	13	13	4	sw.	J. A. Schmidt
Green Mountain ***	Stone	1100	9	73.2	.....	93	30	48	13	1.11	......	0.57	22	0	2	7	19	4	nw.	U. S. Forest Service
Harrison	Boone	1052	46	74.4	+0.3	93	30	45	14	5.31	+0.90	1.20	1	0	9	.....	.....	.....	.....	R. C. Beene
Helena	Phillips	300	74	78.2	-0.1	97	12	56	15	2.11	-1.63	0.99	1	0	9	11	8	11	s.	James A. Burnett
Hope 3 miles e	Hempstead	375	76	78.4	-0.3	95	18†	51	14	1.52	-2.22	1.14	20-21	0	5	7	19	4	sw.	Univ. of Arkansas
Hot Springs	Garland	600	54	79.2	+0.8	96	12†	51	15	4.01	-0.61	2.40	23	0	5	19	6	5	sw.	National Park Service
Jonesboro	Craighead	345	51	76.8	-1.2	94	12	52	14	5.65	+1.91	3.71	22	0	9	9	14	7	sw.	Benedictine Sisters
Lead Hill	Boone	650	40	74.9	-0.5	96	30	44	14	4.23	-0.20	1.17	1	0	7	17	9	4	w.	F. W. Kellogg
Little Rock^{a}	Pulaski	257	67	77.8	+0.4	94	30	56	14	4.95	+1.19	2.72	1	0	7	7	14	9	sw.	U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	48	^{d}77.2	+1.2	95	30	48	14	.....	......	.....	.....	0	.....	.....	.....	.....	s.	Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	.....	.....	.....	.....	.....	.....	3.30	+0.33	1.62	20	0	5	.....	.....	.....	.....	J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	79.3	-0.3	96	30	53	14†	2.22	-1.28	1.79	20-21	0	3	12	15	3	se.	State Agri. School
Mammoth Spring	Fulton	600	42	74.1	-0.8	95	30	44	3	1.78	-2.44	0.74	1	0	5	14	12	4	sw.	L. A. O'Neal
Marianna	Lee	235	35	76.8	-1.8	97	12	52	15	1.65	-1.82	1.10	20-21	0	4	7	15	8	s.	Univ. of Arkansas
Marked Tree	Poinsett	229	42	76.6	-1.4	96	12	53	14	6.80	+3.36	5.66	22	0	6	18	6	6	n.	Chas. Walton
Marshall	Searcy	1050	28	75.6	0.0	96	25	47	14	2.82	-1.69	0.91	23	0	7	19	6	5	s.	Mrs. Minnie Horton
Mena	Polk	1207	58	77.0	+0.3	94	18†	46	14	2.52	-2.46	0.94	25-26	0	7	12	11	7	sw.	E. W. St. John
Monticello	Drew	273	6	77.7	.....	94	12	55	15	7.02	......	3.61	23	0	7	7	16	7	s.	Airway Observer
Morrilton ***	Conway	315	30	76.3	-2.2	95	18	52	14	4.79	+0.87	1.67	23	0	7	20	5	5	sw.	L. A. Dicus
Mountainburg	Crawford	712	9	.....	.....	.....	.....	.....	.....	9.74	......	3.02	20-21	0	8	19	4	7	s.	C. A Lovell
Mountain Home ***	Baxter	800	34	75.2	+0.3	94	30	49	14†	2.85	-1.65	1.00	22-23	0	8	16	4	10	w.	H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	75.2	-0.8	95	30	44	14	1.62	-2.56	1.20	21	0	7	17	9	4	s.	J. S. Whittington
Nashville	Howard	350	8	78.0	.....	99	5	46	14	2.34	......	1.22	21	0	4	19	9	2	sw.	Brice Carruth
Newport	Jackson	231	63	78.0	-0.1	95	12†	53	2†	2.93	-0.86	0.80	25	0	9	12	5	13	sw.	Willis T. Moyer
Nimrod Dam	Perry	475	5	76.3	.....	96	12†	45	3†	2.12	......	0.45	2	0	7	16	8	6	s.	U. S. Engineers
Oden, 2 mi. w	Montgomery	800	19	76.7	.....	98	22†	47	14	0.50	-3.47	0.50	22	0	1	8	14	8	sw.	U. S. Forest Service
Okay	Howard	288	18	79.0	-0.3	94	18†	50	14	2.49	-0.48	1.80	21	0	5	18	8	4	s.	J. T. Hargis
Osceola	Mississippi	250	46	.....	.....	.....	.....	.....	.....	2.66	-0.63	1.21	27	0	5	14	13	3	.....	C. E. Carter
Ozark	Franklin	396	51	76.8	-1.1	94	27†	50	14	4.85	+0.46	1.08	1	0	10	6	16	8	se.	Orkney O. Milton
Paragould	Greene	275	23	.....	.....	.....	.....	.....	.....	.....	......	.....	.....	.....	.....	.....	.....	.....	.....	Jene J. Coffman
Parkin, 2 mi. w	Cross	222	16	.....	.....	.....	.....	.....	.....	8.21	+4.93	4.75	22	0	8	.....	.....	.....	.....	Carroll King
Perryville	Perry	325	7	76.8	-1.3	97	30	49	14	4.65	-0.25	2.02	23	0	5	19	9	2	s.	Gordon Bennett
Pine Bluff	Jefferson	215	59	79.2	-0.1	96	9†	57	14	5.40	+1.67	2.36	21-22	0	7	14	11	5	sw.	Mary T. Scheu
Pine Ridge	Montgomery	840	22	.....	.....	.....	.....	.....	.....	0.92	-3.51	0.27	1	0	7	10	8	12	sw.	J. R. Huddleston
Pocahontas	Randolph	300	53	76.7	-0.1	96	19†	49	14	2.68	-1.42	0.74	22	0	6	11	14	5	s.	Benedictine Sisters
Portland	Ashley	122	40	78.8	-0.9	95	12	58	4†	5.07	+1.91	1.78	25	0	8	14	13	3	s.	Mrs. Pearl Newton
Prescott	Nevada	318	58	79.8	+0.6	97	12†	54	14	2.66	-1.06	1.53	20	0	4	14	9	7	w.	R. P. Hamby
Rogers	Benton	1300	56	74.0	+0.1	91	30	44	14	6.23	+1.33	1.75	1	0	9	10	18	2	sw.	Howard Fowler
Russellville	Pope	526	34	78.0	+0.1	98	30	50	14	4.61	+0.38	2.12	22-23	0	7	6	22	2	e.	U. S. Forest Service
St. Charles	Arkansas	175	18	77.7	.....	98	29	58	14†	3.73	......	1.65	1	0	9	21	1	8	s.	U. S. Biological Survey
St. Francis	Clay	290	19	.....	.....	.....	.....	.....	.....	3.32	-0.50	0.85	28	0	8	.....	.....	.....	.....	Wm. S. Buckley
Searcy	White	245	36	78.2	+0.6	96	12	51	14	4.01	+0.04	1.89	23	0	7	16	7	7	s.	Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	6	76.6	.....	94	29†	48	14	5.28	......	3.50	21	0	7	3	22	5	sw.	Ark. Forestry Com.
Siloam Springs	Benton	1150	6	73.2	.....	93	24	45	13	6.61	......	2.05	20-21	0	10	11	17	2	s.	John Brown Univ.
Story	Montgomery	650	22	.....	.....	.....	.....	.....	.....	0.91	-2.42	0.41	13	0	3	19	7	4	s.	S. C. Story
Stuttgart	Arkansas	214	59	77.8	-0.3	91	9†	55	14	2.70	-1.11	1.62	1	0	5	23	5	2	s.	George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	11	77.0	-0.7	93	12	56	14	3.37	+0.09	1.37	2	0	8	18	7	5	s.	University of Ark.
Subiaco	Logan	750	48	76.5	-1.6	94	19†	51	14	2.89	-1.25	0.76	13	0	5	19	8	3	s.	New Subiaco Abbey
Texarkana	Miller	332	62	79.0	-0.1	95	29	53	14	3.11	-0.60	1.30	20-21	0	4	9	14	7	s.	U. S. Weather Bureau
Turnpike ***	Pope	2240	22	^{a}71.6	.....	86	30	48	14	3.69	-1.23	0.88	1	0	8	9	14	7	sw	U. S Forest Service
Waldron	Scott	675	27	77.4	.....	96	30	48	14	2.40	-1.99	0.95	21-22	0	8	17	12	1	se.	William D Bivens
Warren	Bradley	206	52	79.6	+0.2	93	9†	55	15	4.92	+1.24	2.08	23	0	6	16	11	3	se.	C. N Turner
White Rock ***	Franklin	2285	10	72.4	.....	89	18	49	14	8.02	......	3.02	11	0	7	15	11	4	sw.	U. S. Forest Service
Wilson	Mississippi	237	21	77.3	-0.1	95	12†	54	14	6.35	+3.47	3.50	22-23	0	5	18	0	12	se.	D. O. Anderson
Wynne	Cross	167	38	77.5	-0.2	95	12†	54	14	4.78	+1.10	1.77	20	0	9	19	7	4	s.	Guy B. Upton
State Means	.....	....	..	76.7	-0.4	101	30	44	3†	3.88	-0.21	5.66	22	0	7	12	12	6	s.	

Daily Precipitation for June, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott [2]	Arkansas	.52	.12											.50	.23								.02	.10			.33	.40					2.22
Alum Fork Reser.	Arkansas	.07	.80										T.								.20	.70	T.	2.05			.15						3.97
Aplin [2]	Arkansas		.56												T.							.22	.28		1.76			.41	.03				3.26
Arkadelphia [2]	Ouachita		.63												.03						T.	1.29	1.06	.50	1.05								4.56
Arkansas City [2]	Mississippi		4.72												.52						T.	.51	.54	T.	1.26	.16	1.25	.03					8.99
Ashdown [2]	Red		.44																			1.75		.32	.08		.04						2.63
Augusta [2]	White		.34											T.							T.	1.56	.08	.77	.45	T.	.20	.26					3.66
Batesville Air'y [3]	White	.67							.03					.25							.01		1.90	.60									3.46
Batesville Livestk [2]	White																																......
Batesville River [2]	White		.34							.01					.16							.04		1.95	.40								2.90
Beaty Lake	St. Francis	T.	.56						T.					.09							1.66	.11	.89	T.	.01	.50	1.37	T.					5.19
Beaver [2]	White	.77	.26									.63	.16	.38								.78	.35	.42	.02		.06	.59	.01				4.43
Bee Branch	Arkansas	*	1.00											T.							*	.99	.40	2.98			.30						5.67
Beech Grove [2]	White		.91																		T.	.41	1.39	1.47	.26			.75	1.29				6.78
Beedeville [2]	White																																......
Benton [2]	Saline		.24																			.45	.76	1.10	.11								2.66
Bentonville [2]	Arkansas	*	1.48									1.13		.19							.30	.49		1.22			1.14	.05		T.			6.00
Bethesda [2]	White	1.02																				.11	.90	T.									2.03
Big Flat [2]	White	.92													.17							.18	.78	T.			.13						2.18
Big Lake Outlet [2]	St. Francis		.02							T.				T.	.55						.73	.29	.90	.71	.02	T.	.05	.06	1.00				4.33
Black Rock [2]	White		.44																			.75		1.00	.47		.21	.05	1.02				3.94
Blytheville [2]	St Francis	T.												.10						.65	1.50	.27	.07	.21		.44	1.26						4.50
Booneville 3 mi. w	Arkansas	.41												.95							.03			.08			.21						1.68
Booneville [2]	Arkansas	.29	.27										T.	.41	.48							.12		.08	.08		.02	.27					2.02
Boughton [2]	Ouachita		.28																			1.85	1.31	.15									3.59
Bradford [2]	White		.89																		.09	.35		.02	.92		.27	T.					2.54
Brinkley [3]	White		.67												.21							2.17	.03	.03				.06					3.17
Burdette	Mississippi													.03							.10	.06	.15	.40		.09		1.13					1.96
Calico Rock [2]	White	.35	.09										T.	T.	.16							.25		.62	.20			.10	.23				2.00
Camden [2]	Ouachita		.29																		.04	.99	1.48		.18								2.98
Camp Chaffee [2]	Arkansas	.57	.03									.22	T.	.98	.30							.06		.29	T.		.01	.43					2.89
Carlisle [2]	Arkansas																				.95				1.28								2.23
Clarendon [2]	White	T.	.83												.04						.01	.66	.01	.76	.34		.10	.05					2.80
Clinton [2]	White																				.31	.25		*	2.15								......
Cold Springs [2]	Ouachita	.32	.08											.15	.38							.20	.05	.95	.10		.40						2.63
Conway	Arkansas																																......
Corning [2]	White		.22																		1.45	.60	1.25	.05			58	.08	1.02				5.25
Cotter [2]	White	.47	.36									T.	.23	.14	.13							.39		.69				.57	.09				3.07
Cove [2]	Red		.23																				.27	.87			.72						2.09
Crossett	Ouachita		.33											T.					T.	.50	3.48			.03	.48								4.82
Crystal Valley(ur) [2]	Arkansas		.21	1.82																		.10	.80	4.13		.03	.13	T.					7.25
Cummins Farm	Arkansas	1.60	1.20																		T.	1.97		.60	4.10	.60	.20						10.27
Danville [2]	Arkansas	.11	.38												.37							.03	.01	.20	T.			.23					1.33
Dardanelle [2]	Arkansas	.05	1.33												.36							.06	1.15	.20	.71			.57					4.43
De Queen	Red	.33																				.28		.12		.06							0.79
Dermott [2]	Mississippi		2.60												.26						.33	.71	.24	.11	.44	.94							5.63
Des Arc [2]	White		.72									T.										.25			.98			.11					2.06
Devils Knob	Arkansas	1.14										.56		1.06								1.40	.64	.18			.56						5.54
Dumas	Mississippi	1.24	.65											.05							T.	1.05		.38	2.40	.17							5.94
Eagle Gap [2]	Arkansas		.27	.14										1.28	.03						.03	T.	.27	1.02			.50						3.54
El Dorado	Ouachita		.05																		.05	2.30		.30		.16							2.86
Eleven Point [2]	White																																......
England	Arkansas																																......
Eureka Springs	White	1.80										1.09		.15							.10	.85		.55			.95	.07		.05			5.61
Evening Shade [2]	White		.80										.03									.81	T.	1.25	T.		.48	.08	.72				4.17
Fayetteville	White	2.67						T.	T.			.95	T.	.32							.70	.59	T.	T.	T.		.80			.01			6.04
Fayetteville Exp. S	White	2.63										1.37		.29							.02	1.39		T.			.81	T.			T.		6.51
Fordyce	Arkansas	.31	.07																		.25	1.00	.54	2.64	.10	.19							5.10
Forester [2]	Arkansas	*	.07											.10	.70									.35	T.	T.	T.	.20	.10				1.52
Fort Smith [1]	Arkansas	.47										.38		1.07							.10	T.		.09		T.	.62	T.					2.73
Fort Smith W. Plant [2]	Arkansas	*	1.49									*	2.73	*	.63							1.10	1.33	.08	1.10			.78					9.24
Fulton [2]	Red		.46																	T.		1.16	.07	T.	.03								1.72
Garland [2]	Red		.83																			.90	T.										1.73
Georgetown [2]	White		.78																			.50		.21	.29		.12	.43					2.33
Gilbert [2]	White	.45	.35									.12	.05	.10	.20						T.	.30		.60	.03			.28					2.48
Glenwood [2]	Ouachita		.17												.16							.27	.81	.34	.08								1.83
Grannis [2]	Red		.68												.06							.12	.03	.39	.06		1.10						2.44
Gravelly [2]	Arkansas	.13													.32							.07	1.38	T.	.02		T.	.11					2.03
Gravette	Arkansas	.96										1.10		.10							.07	.44		2.40			1.80						6.87
Greenbrier [2]	Arkansas		.66																			.32		2.90			.55						4.43
Green Forest	White	1.54	2.19									.84	.17	.84								.47		.53				1.15	.20				7.93
Green Mountain	White	T.	.54																		T.		.57					T.					1.11
Greenwood [2]	Arkansas	*	.66											*	.49										*	.58			*	.19			1.92
Harrison	White	1.20										.68	.69								.17	.35	.30	.59			.97	.36					5.31
Helena [2]	Mississippi		.99												.37					.01	.01	.48	.07		.03	.08		.07					2.11
Henderson [2]	White	.57											.15									.44		.21	.46		1.15	.33	.76				4.07
Hope [2]	Red		.30												T.					.01		1.14	.03	T.	.04								1.52
Horatio [2]	Red		.14																			.14	T.	.24	.08			.29					0.89
Hot Springs	Ouachita	.73	T.											.14							.18	.56		2.40	T.	T.	T.						4.01
Huntsville [2]	White																																......
Huttig Lock 7, Dam 6 [2]	Ouachita		.40												T.						.54	3.22	.35	.04	.13		.18						4.86
Index [2]	Red		.67																			1.50		.25	T.								2.42
Jonesboro [2]	White		.27							.02												.05	.47	3.71	.01		.07	.29	.85				5.65
Judsonia [2]	White																																......
Lake City [2]	St. Francis		.19																		1.05			2.00					1.20				4.44
Lead Hill	White	1.17										.16		.66							T.	.24	T.	1.05		T.	.49	.46					4.23
Little Rock [1]	Arkansas	2.72												.02							.18	.19	T.	1.70	.01		.13	T.					4.95
Lock & Dam No. 3 [2]	White	T.	.93												.08							.05		.15	.20		.02						1.43
Lurton [2]	White	*	.93									.15	.16	*	.82							.15	.20	1.34				.51	T.				4.26
Lutherville	Arkansas													.40							.43		.07	.52	.40		.76						......
Madison [2]	St. Francis		.55												.10							1.62		.65				.38					3.30
Magnolia	Red		.43																		*	1.79											2.22
Mammoth Spg [2]	White	*	.74																							.21	.31		.52				1.78
Marianna [2]	St. Francis	.31																			T.	1.10				T.	.16	.08					1.65
Marked Tree [2]	St. Francis		.22							.05												.53		5.66			.09		.25				6.80
Marshall [2]	White	*	.62										.02	*	.67							T.	T.	.91	T.			.60					2.82
Marvell [2]	White		.67																			.48		1.43	.55								3.13
Melbourne [2]	White	.51																						.41		.23	.14				T.		1.29
Mena [2]	Ouachita	.01	.45			T.								.18								.04	T.	.89	.01		.94						2.52
Monticello [1]	Ouachita	1.23												.09						T.	.19	1.11		3.61	.19	.60							7.02
Morobay [2]	Ouachita		1.10																			1.24	.30		.07		.10						2.81
Morrilton [2]	Arkansas		.81												.08							.71	.02	1.67	.93			.57					4.79
Mountainburg	Arkansas	1.44										2.64		.70							.94	2.08	.04	1.20	T.		.70						9.74
Mountain Home	White	.65										.20		.20									.40	.60		.20	.30	.30					2.85
Mountain View [2]	White		.99										.02		T.							.23	.03	.41	1.06		.03	.02	T.				2.79

Daily Precipitation for June, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	.08	....	....	....	....	....	....	....	....	....	....	....	.03	....	....	....	....	....	....	.03	1.20	.05	.08	....	.15	....	....	....	....	....	....	1.62
Mulberry[2]	Arkansas	.53	2.23	....	....	....	....	....	....	....	....	1.54	1.24	.51	.47	....	....	....	....	....	....	1.92	.15	T.	.08	....	....	.65	....	....	....	....	9.32
Nashville	Red	.63	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	1.22	....	.02	....	.47	....	....	....	....	....	....	2.34
Newport[2]	White	....	.20	....	....	....	....	....	.01	.05	....	....	....	....	....	....	....	....	....	....	....	.48	....	.42	.65	.02	.80	.30	....	....	....	....	2.93
Nimrod Dam[2]	Arkansas	....	.45	....	....	....	....	....	....	....	....	....	....	....	.32	....	....	....	....	....	....	.22	.25	.35	.10	....	....	.43	....	....	....	....	2.12
Oark[2]	Arkansas	.80	.65	....	....	....	....	....	....	....	....	.20	.80	.40	.70	....	....	....	....	....	....	.25	.25	.30	.20	1.10	....	.90	....	....	....	....	6.55
Odell[2]	Arkansas	1.24	2.91	....	....	....	....	....	....	....	....	2.00	1.03	.26	.11	....	....	....	....	....	....	.53	1.96	.09	....	.37	.01	.83	....	....	T.	....	11.34
Oden	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	T.	.50	T.	....	T.	T.	....	....	....	....	....	0.50
Okay	Red	.10	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.09	1.80	....	.40	....	T.	....	....	....	....	....	....	2.49
Osceola[2]	Mississippi	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.61	.68	.09	T.	.07	T.	1.21	....	....	....	....	2.66
Ozark[2]	Arkansas	.45	1.08	....	....	....	....	....	....	....	....	.18	.78	.20	.41	....	....	....	....	....	....	.97	....	.05	.03	....	....	.70	....	....	....	....	4.85
Paragould	St. Francis	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.43	....	3.64	....	....	.40	1.49	....	....	....	....	6.06
Parkin[2]	St. Francis	....	.54	....	....	....	....	....	....	....	....	....	....	....	.17	....	....	....	....	....	.15	.85	3.05	1.70	....	....	.42	1.33	....	....	....	....	8.21
Parthenon[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Perryville[2]	Arkansas	....	.85	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.30	....	.30	2.02	....	....	.18	....	....	....	....	4.65
Pine Bluff[2]	Arkansas	....	.68	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	.35	2.36	.47	1.45	.01	.08	....	....	....	....	....	5.40
Pine Ridge[2]	Ouachita	.04	.23	....	....	....	....	....	....	....	....	....	....	.11	....	....	....	....	....	....	T.	.12	....	.16	.06	T.	.20	....	....	....	....	....	0.92
Pocahontas	White	.62	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	....	....	....	.42	....	.74	....	....	.14	....	.71	....	....	....	....	2.68
Portland[2]	Ouachita	....	.10	....	....	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	T.	.55	1.45	.22	.20	.72	1.78	....	....	....	....	....	5.07
Prescott[2]	Ouachita	....	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.53	1.06	....	.02	....	....	....	....	....	....	....	2.66
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Red Star	White	....	.69	....	....	....	....	....	....	....	....	1.44	.20	*	1.26	....	....	....	....	....	....	.94	.15	.18	.44	.20	....	.63	....	....	.78	....	6.91
Rogers	White	1.75	....	....	....	....	....	....	....	....	....	.71	....	.19	....	....	....	....	....	....	.20	.88	....	1.27	....	....	1.11	.05	....	.07	....	....	6.23
Russellville	Arkansas	1.34	....	....	....	....	....	....	....	....	....	....	....	.27	....	....	....	....	....	....	.16	.14	.15	1.97	....	....	.58	....	....	....	....	....	4.61
St. Charles[2]	White	....	1.65	....	....	....	....	....	....	....	....	....	....	....	.02	....	....	....	....	....	.02	.38	.28	.32	.05	T.	.99	.02	....	....	....	....	3.73
St. Francis[2]	St. Francis	....	.79	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	.65	.58	.15	.06	....	.04	....	.85	....	....	....	3.32
Searcy[2]	White	.07	1.34	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.08	....	.06	1.83	....	T.	.61	.02	....	....	....	4.01
Sheridan	Ouachita	.40	....	....	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	....	.09	3.00	.50	1.15	.09	....	T	....	....	....	....	....	5.28
Shirley[2]	White	.39	.18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.23	.13	.70	.12	T.	....	.14	....	....	....	....	1.89
Siloam Springs	White	1.72	....	....	....	....	....	.03	....	....	....	.60	....	.02	....	....	....	....	....	....	.82	1.23	.06	.83	....	....	1.28	....	....	.03	....	....	6.61
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Stamps	Red	....	.79	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	*	1.47	.06	....	.11	....	....	....	....	....	....	....	....	2.43
Steve[2]	Arkansas	....	.65	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.53	.51	....	....	....	....	....	....	....	....	1.69
Story[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	.41	....	....	....	....	....	....	....	.30	....	....	....	....	.20	....	....	....	....	0.91
Stuttgart[2]	Arkansas	....	1.62	....	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	....	....	....	.23	....	....	.45	....	.25	....	....	....	....	....	2.70
Stuttgart Evap[2]	Arkansas	....	1.37	....	....	....	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	T.	.44	.15	.39	.30	T.	.50	.02	....	....	....	....	3.37
Subiaco[2]	Arkansas	1.30	....	....	....	....	....	....	....	....	....	....	....	.76	....	....	....	....	....	....	.07	T.	.08	T.	....	....	.68	....	....	....	....	....	2.89
Sugar Grove[2]	Arkansas	*	.46	....	....	....	....	....	....	....	....	....	....	*	1.00	....	....	....	....	....	....	.46	....	....	....	....	....	.52	....	....	....	....	2.44
Sugar Loaf Mt[2]	White	....	.31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.31	....	.02	.96	....	....	.05	.02	....	....	....	1.67
Texarkana[3]	Red	.98	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	1.01	.29	....	.83	T.	T.	....	....	....	....	....	....	3.11
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Turnpike	Arkansas	.88	.05	....	....	....	....	....	....	....	....	....	....	.72	....	....	....	....	....	....	.25	.17	....	.53	.55	....	.54	....	....	....	....	....	3.69
Viola[2]	White	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.45	.20	.55	....	....	....	.70	.90	....	....	....	....	3.20
Waldron[2]	Arkansas	.25	.30	....	....	....	....	....	....	....	....	....	....	.20	.55	....	....	....	....	....	....	.10	.45	.50	.05	....	....	....	....	....	....	....	2.40
Walnut Grove	White	.22	....	....	....	....	....	....	.08	....	....	....	....	....	....	....	....	....	....	....	.44	T.	1.36	.17	T	1.37	....	.10	....	....	....	....	3.74
Warren	Ouachita	.60	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	1.45	....	2.08	.17	.42	....	....	....	....	....	....	....	4.92
Whitecliffs[2]	Red	.20	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.18	....	.23	.10	T.	....	....	....	....	....	....	2.11
White Rock	Arkansas	1.25	....	....	....	....	....	....	....	....	....	3.02	....	.98	....	....	....	....	....	....	.23	1.81	....	....	.13	....	.60	....	....	....	....	....	8.02
Wilson[2]	Mississippi	....	.23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.44	....	3.50	1.25	....	....	....	.93	....	....	....	6.35
Wynne	St. Francis	.03	.28	....	....	....	....	....	....	....	....	....	....	.09	....	....	....	....	....	....	1.77	.10	.79	....	.03	.80	.89	....	....	....	....	....	4.78
Yellville[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....

Daily Evaporation (inches), and Wind Movement (miles) for June, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.340	.066	.259	.319	.204	.228	.352	.260	.150	.294	.356	.194	.292	.274	.376	.178	.186	.224	.307	....	....	....	....	.122	0.66	.224	.143	.161	.066	.41	....	6.545
	Wind move	135	32	31	20	22	23	74	30	22	72	61	12	30	71	20	22	9	44	12	30	30	63	44	13	11	46	67	44	49	48	....	1,177
Hope Exp. Farm	Evap.	*	.134	.373	.133	.174	.267	.265	*	.507	.316	.299	.220	.263	.198	.261	.151	*	.480	.242	.248	.257	.165	.242	.081	.114	.289	*	.570	*	.609	....	6.858
	Wind move	*	70	30	25	19	28	45	*	56	42	44	21	24	86	26	8	*	32	33	21	18	37	22	41	8	37	*	111	*	82	....	966
Nimrod Dam	Evap.	.192	.124	.248	.217	.161	.334	.218	.332	.242	.418	.310	.232	.362	.198	.248	.214	.276	.342	.294	.330	.118	.092	.162	.064	.128	.282	.184	.218	.318	.334	....	7.192
	Wind move	62	73	34	24	29	56	63	42	27	65	58	26	59	87	27	18	24	45	37	09	27	20	29	9	5	47	47	43	48	44	....	1,164
Norfork Dam	Evap.	.334	.082	.227	.219	.224	.286	.230	.376	.257	.462	.314	.107	.316	.170	.200	.303	.305	.371	.330	.312	.114	.186	.166	.157	.243	.178	.128	.197	.319	.168	....	7.271
	Wind move	59	38	31	21	35	28	67	14	38	86	69	19	38	30	20	18	18	42	32	32	36	38	35	21	36	15	21	49	40	49	....	1,065
Russellville	Evap.	.188	.164	.218	.208	.226	.328	.212	.228	.304	.256	.150	.246	.216	.220	.226	.218	.278	.246	.328	*	.278	.168	.126	.134	*	.374	.162	.300	.220	.254	....	6.476
	Wind move	19	16	15	19	7	12	8	6	16	18	6	10	26	24	5	6	7	7	13	*	31	14	9	10	*	27	11	13	12	8	....	375
Stuttgart Rice Exp. Farm	Evap.	.239	.114	.237	.110	.189	.221	.266	.283	.219	.338	.310	.237	.252	.233	.208	.125	.185	.276	.352	.237	.095	.024	.164	.022	.070	.115	.217	.237	.224	.206	....	6.005
	Wind move	70	110	60	20	20	85	75	60	60	120	70	80	15	60	10	10	5	50	50	45	45	45	75	20	10	20	85	110	120	46	....	1,630

(Continued from Front Page)

RIVERS

The rivers of the State were all falling at the beginning of the month, with only the Lower White River, Clarendon and below, at bankful stage. By the end of the month, the stages of all the rivers were near the low summer averages, with the exception of the Upper Black. Near bankful stages were reported on the Black River near the Arkansas-Missouri line at the end of the month, but no damage was reported.

STORMS

Several storms during June extracted a heavy toll, with 36 killed, 300 injured, and near a million dollars in property damage. The first storm, in the form of a violent tornado, struck the agricultural section just south of Pine Bluff about 3:20 p.m. of June 1. The toll in this tornado was 35 killed, 300 injured, 500 homeless, and final estimates place property damage near $1,000,000.00. General thunderstorms occurred over the northeast section of the State on the afternoon of June 25. During these storms, Ernest F. McAdams, of Bradford, was killed when struck by lightning near Worden; $2,000.00 damage was caused to business property in Walnut Ridge by wind and hail, plus numerous shade-trees destroyed. Scattered thunderstorms occurred on June 26, with damage reported by two cities: North Little Rock reported property damage totaling $5,000.00, and one person injured; Paragould reported property damage of $3,000.00. Property damage at these places was caused by winds.

J.C.H.

Daily Temperatures for June, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	83	82	80	85	91	89	90	91	92	90	90	89	88	80	82	88	88	88	94	90	81	90	86	83	90	89	88	90	92	99	....	87.9
	Minimum	69	61	53	57	65	69	68	68	68	67	67	62	60	55	54	56	58	56	59	68	67	72	67	67	68	64	68	75	75	68	....	64.4
Arkadelphia /	Maximum	83	86	83	90	95	92	94	94	95	94	92	95	82	84	84	87	94	93	93	89	83	93	75	85	93	93	95	95	96	....	....	[a]89.9
	Minimum	54	63	59	58	61	69	68	67	67	69	67	67	70	50	53	54	57	61	68	70	68	68	73	68	70	71	72	71	71	71	....	65.2
Ashdown /	Maximum	89	87	81	89	92	91	92	92	91	91	90	94	82	83	82	85	92	93	90	85	92	90	79	87	93	92	93	94	95	95	....	89.5
	Minimum	62	62	62	63	68	68	71	68	70	71	72	70	69	49	52	51	52	62	63	62	62	68	69	62	68	71	72	76	73	72	....	65.3
Batesville Air	Maximum	81	81	78	83	90	89	92	91	92	90	90	94	76	80	84	87	90	93	93	83	87	86	76	82	88	90	90	90	90	94	....	87.0
	Minimum	64	60	56	57	65	73	70	71	70	73	73	69	69	50	53	59	62	65	69	66	71	71	67	69	68	69	67	72	76	71	....	66.5
Batesville, Livestk /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Bee Branch	Maximum	79	81	80	82	90	89	90	91	90	89	88	91	88	81	84	88	89	92	89	91	87	89	88	83	88	89	87	89	90	94	....	87.5
	Minimum	64	57	54	57	63	66	63	66	64	70	66	66	63	45	50	56	58	59	64	66	66	72	66	68	65	66	64	68	71	68	....	63.0
Benton /	Maximum	80	81	78	86	90	88	90	90	91	90	89	92	81	80	80	86	89	92	86	90	82	90	74	83	92	88	89	90	90	91	....	86.6
	Minimum	62	61	56	53	59	56	55	65	65	70	66	73	68	47	50	53	55	58	68	66	68	71	68	67	67	69	68	76	72	67	....	63.3
Bentonville /	Maximum	79	77	82	83	87	87	88	91	91	87	87	80	71	81	80	84	85	91	92	84	83	90	82	90	90	81	90	93	88	91	....	85.5
	Minimum	58	59	54	60	68	67	66	67	66	72	60	60	54	47	51	54	60	62	67	67	65	66	64	67	67	68	64	73	75	70	....	63.3
Bethesda	Maximum	78	80	79	82	90	87	91	87	90	88	88	91	74	76	83	87	90	93	93	83	88	75	79	83	88	90	88	90	89	94	....	85.8
	Minimum	62	59	55	53	63	70	60	69	65	64	68	63	65	45	46	50	57	59	64	64	70	72	68	68	65	68	65	70	72	68	....	62.9
Blytheville	Maximum	87	80	77	87	91	93	95	96	97	94	96	100	86	86	90	90	90	97	91	85	87	83	80	83	81	90	86	89	90	95	....	89.1
	Minimum	67	67	59	56	63	72	71	75	71	74	74	70	72	54	58	62	63	70	70	68	72	72	65	69	64	66	69	75	75	73	....	67.9
Booneville	Maximum	86	83	83	88	91	90	94	95	94	90	91	94	90	81	85	90	91	94	93	88	92	92	85	89	95	90	94	95	96	101	....	90.7
	Minimum	62	60	60	63	70	66	67	65	64	74	70	69	57	49	51	57	58	62	67	70	71	72	68	69	67	67	71	73	76	70	....	65.5
Brinkley	Maximum	83	83	80	85	93	90	91	92	92	90	94	95	90	82	85	90	89	95	93	89	81	84	83	83	85	93	90	93	90	94	....	88.6
	Minimum	68	64	57	55	64	71	70	69	68	73	70	69	69	50	55	57	60	65	68	70	69	69	65	67	70	68	68	73	73	72	....	66.2
Camden	Maximum	85	88	88	86	93	94	92	92	94	93	92	96	99	89	83	83	88	94	97	85	89	89	94	80	86	95	94	92	94	95	....	90.6
	Minimum	60	67	60	58	66	72	71	72	70	72	69	68	72	53	54	54	57	61	67	72	69	68	75	69	69	73	65	76	74	74	....	66.9
Conway	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Corning	Maximum	82	78	76	85	91	91	62	94	94	91	93	96	87	83	86	87	91	95	96	82	86	80	79	84	81	90	86	90	86	95	....	87.6
	Minimum	65	62	58	55	62	70	70	73	71	75	73	67	70	50	54	60	61	65	66	67	71	71	65	67	68	66	66	75	73	72	....	66.3
Crossett	Maximum	91	90	85	93	95	93	94	94	94	95	94	97	93	84	82	87	93	94	92	86	90	93	84	80	88	92	94	95	93	94	....	91.0
	Minimum	69	71	60	56	64	69	65	68	66	69	66	64	71	58	51	51	51	63	65	70	68	75	73	71	70	68	73	74	72	68	....	66.0
Cummins Farm	Maximum	80	79	72	82	89	89	91	92	95	93	94	96	89	84	85	88	91	95	94	93	87	91	80	82	85	89	90	90	91	92	....	88.3
	Minimum	66	62	62	63	66	72	70	71	70	72	72	68	57	54	56	56	58	65	70	70	68	73	66	67	69	68	73	75	76	72	....	66.9
Dardanelle	Maximum	86	85	85	89	93	92	95	95	95	93	91	96	92	92	84	89	93	94	94	89	86	90	83	85	92	92	92	94	95	99	....	91.0
	Minimum	65	61	60	62	69	69	70	71	69	72	74	70	61	51	55	59	63	65	70	72	70	74	70	70	70	67	71	74	76	72	....	67.4
De Queen	Maximum	81	87	85	87	88	89	89	90	90	88	90	92	88	81	80	84	90	92	90	85	90	89	89	86	92	90	92	93	94	94	....	88.5
	Minimum	70	61	62	63	69	70	70	66	68	70	73	70	64	48	52	52	53	64	76	72	66	66	68	68	68	68	75	74	74	72	....	66.4
Des Arc	Maximum	79	79	78	79	87	88	86	87	88	88	88	89	88	90	82	89	85	92	90	85	84	85	79	80	89	92	89	89	88	93	....	86.2
	Minimum	56	62	58	57	63	67	68	69	59	71	70	70	72	50	60	54	60	63	69	69	70	70	64	70	64	67	65	67	65	72	....	64.7
Devils Knob	Maximum	....	....	....	....	....	....	....	....	85	82	84	85	83	70	76	80	82	85	85	86	83	83	80	81	83	80	83	84	83	86	....	[b]82.2
	Minimum	56	56	....	....	....	....	....	....	55	65	67	69	53	47	50	62	62	66	68	68	65	68	65	65	64	61	67	66	68	69	....	[f]62.6
Dumas	Maximum	89	80	82	87	94	93	93	92	95	94	95	97	93	82	88	89	93	97	96	94	81	92	80	83	87	92	93	94	96	95	....	90.5
	Minimum	68	60	60	58	64	71	69	72	71	71	70	68	72	56	55	57	57	64	69	74	69	73	67	69	71	70	73	74	73	72	....	67.2
El Dorado	Maximum	92	88	83	90	92	93	93	93	94	94	93	96	87	80	81	87	92	93	91	87	89	93	82	81	88	93	94	94	95	95	....	90.1
	Minimum	73	67	68	62	62	70	69	72	73	72	71	71	71	55	54	57	57	70	70	73	67	73	74	71	69	67	74	77	73	72	....	68.5
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Eureka Springs	Maximum	77	76	80	83	86	85	89	90	89	85	77	87	82	77	80	83	84	87	90	84	81	87	85	85	85	80	87	88	87	91	....	84.2
	Minimum	59	60	55	61	71	70	73	71	71	72	61	67	54	48	52	58	65	67	69	67	66	69	65	65	69	64	66	74	73	72	....	65.1
Fayetteville	Maximum	79	78	84	84	88	86	89	89	89	81	82	88	82	77	80	85	85	88	90	86	85	88	83	86	86	80	89	90	89	92	....	85.3
	Minimum	59	60	57	63	72	70	72	72	70	72	62	68	54	48	50	55	61	67	70	67	67	72	68	68	70	65	70	74	75	74	....	65.7
Fayetteville Exp. S	Maximum	77	75	80	81	87	86	89	90	90	86	79	85	84	75	79	82	84	86	89	85	81	86	84	83	85	83	87	86	86	91	....	84.0
	Minimum	57	59	54	60	70	68	70	69	67	70	59	67	53	45	49	53	59	63	66	64	66	70	65	65	67	62	69	72	73	71	....	63.4
Fordyce	Maximum	83	87	84	89	94	94	92	90	94	93	93	96	94	96	96	88	93	94	93	90	90	93	92	85	94	93	93	93	94	94	....	91.8
	Minimum	71	66	65	64	69	72	70	72	72	70	70	69	68	52	52	53	62	67	67	70	75	75	64	67	70	....	....	....	....	....	....	[e]66.9
Fort Smith	Maximum	87	81	83	90	92	91	92	93	94	87	89	94	76	79	82	87	91	91	93	86	88	91	85	88	91	85	93	95	97	96	....	88.9
	Minimum	63	63	61	65	72	68	69	69	69	75	68	70	57	53	55	58	61	65	70	72	72	74	70	70	70	64	71	74	74	73	....	67.2
Gilbert /	Maximum	82	80	83	85	91	89	92	92	92	87	83	93	74	81	84	88	90	94	95	89	84	91	85	89	90	88	90	91	93	96	....	88.0
	Minimum	54	58	54	54	64	63	65	67	59	73	66	63	59	44	50	56	59	56	63	64	70	72	67	68	63	66	63	66	75	67	....	62.3
Grannis /	Maximum	84	82	82	84	87	86	87	89	89	86	87	90	75	79	80	83	87	90	88	84	88	87	79	87	90	87	89	89	90	91	....	85.9
	Minimum	60	58	60	64	68	68	64	65	68	72	67	62	47	53	53	53	61	65	69	64	67	66	67	68	64	65	72	72	71	69	....	64.1
Gravette	Maximum	79	80	81	84	86	85	87	88	87	81	84	86	82	77	80	83	84	88	90	85	84	86	87	86	85	83	87	88	89	90	....	84.7
	Minimum	58	56	55	62	71	69	70	68	70	72	60	68	53	44	50	55	60	62	67	67	66	65	64	63	69	63	69	73	75	73	....	63.9
Green Mountain	Maximum	68	79	80	82	86	88	91	90	86	84	88	92	69	78	80	82	83	83	90	89	81	79	82	87	82	86	89	87	90	93	....	84.1
	Minimum	59	57	55	57	61	60	62	59	61	59	63	60	48	58	68	64	65	67	69	67	63	66	60	65	61	65	63	67	69	72	....	62.3
Harrison	Maximum	80	76	80	82	89	86	90	92	91	85	80	90	85	81	80	83	86	89	92	85	80	90	82	85	87	88	89	89	88	93	....	85.8
	Minimum	60	60	58	56	67	65	67	67	61	71	62	67	53	45	54	55	58	59	63	63	69	69	65	68	67	65	63	70	73	66	....	62.9
Helena	Maximum	86	83	81	85	95	90	93	92	93	91	95	97	96	84	86	87	91	93	92	92	85	81	76	85	84	90	91	91	92	94	....	89.0
	Minimum	69	65	60	57	62	72	71	70	68	73	73	69	72	57	56	61	62	66	70	73	71	70	64	67	68	69	70	74	74	72	....	67.5
Hope /	Maximum	87	87	86	90	91	90	91	91	92	92	92	94	85	81	83	86	92	95	92	87	91	92	80	86	92	93	94	94	95	95	....	89.9
	Minimum	61	66	61	60	64	70	71	72	71	69	72	70	71	51	53	53	55	65	68	71	65	72	74	68	69	73	75	75	74	72	....	67.0
Hot Springs	Maximum	82	87	89	88	94	94	93	94	95	94	91	96	95	84	82	90	94	94	94	86	79	93	88	84	94	89	89	92	95	96	....	90.5
	Minimum	70	64	59	61	69	72	72	74	73	70	71	69	64	52	51	58	62	70	70	72	68	70	68	67	70	71	71	76	75	74	....	67.8
Jonesboro	Maximum	83	80	75	85	90	89	90	92	92	89	91	94	92	81	84	87	88	92	92	88	85	81	76	84	84	89	88	90	89	93	....	87.1
	Minimum	66	63	57	54	62	70	68	72	70	73	72	68	70	52	57	62	60	68	72	67	69	70	63	68	67	67	66	74	74	70	....	66.4
Lead Hill	Maximum	82	78	80	90	84	88	92	93	91	87	82	91	86	81	83	87	89	93	95	87	81	89	87	87	89	87	90	91	90	96	....	87.5
	Minimum	61	63	58	56	56	60	66	67	65	66	65	65	55	44	46	61	57	58	63	63	70	70	66	69	65	65	65	64	73	67	....	62.3
Little Rock	Maximum	80	82	77	84	92	89	92	93	92	91	90	93	80	81	80	87	89	92	92	85	80	90	78	82	91	90	88	92	92	94	....	87.3
	Minimum	66	65	60	61	68	74	70	71	71	73	74	69	62	56	58	61	64	66	72	73	71	73	69	69	70	68	70	74	73	74	....	68.2
Lutherville	Maximum	....	....	....	....	90	89	90	90	91	87	88	93	87	85	82	88	89	92	92	89	87	89	88	87	88	87	90	91	93	95	....	[d]89.1
	Minimum	....	....	....	....	67	69	67	67	69	71	69	70	57	48	57	58	61	64	68	67	67	71	66	61	65	64	67	67	74	70	....	[d]65.4
Magnolia	Maximum	89	89	84	91	92	90	91	93	92	91	92	95	88	81	83	87	92	94	92	87	91	93	92	87	93	94	93	94	94	96	....	90.7
	Minimum	73	63	63	63	71	70	69	70	71	71	70	70	72	53	53	54	58	66	67	67	67	75	76	70	70	69	75	75	73	72	....	67.9
Mammoth Spring	Maximum	81	77	77	84	90	88	92	92	91	88	84	91	89	88	85	85	89	93	92	93	93	84	78	86	84	87	87	90	86	95	....	87.3
	Minimum	53	55	44	50	53	64	64	67	64	72	69	63	59	52	47	55	60	58	61	61	63	63	67	65	64	64	62	68	71	69	....	60.9
Marianna /	Maximum	75	80	78	83	91	91	93	93	94	92	93	97	87	80	94	88	90	94	93	90	79	83	72	83	84	93	90	90	92	94	....	87.9
	Minimum	60	64	62	56	65	70	68	69	67	72	70	67	70	53	52	58	59	65	67	69	70	73	65	65	68	65	69	73	69	68	....	65.6
Marked Tree /	Maximum	84	81	80	85	91	92	91	93	94	91	93	96	86	86	88	90	94	94	84	91	85	74	76	85	82	80	88	91	88	94	....	87.6
	Minimum	58	65	57	54	57	69	69	70	69	71	72	70	71	53	58	62	65	65	67	69	67	70	64	63	67	65	68	67	74	72	....	65.6
Marshall /	Maximum	75	75	80	80	89	89	88	89	87	82	80	90	80	80	82	85	82	90	90	85	84	89	89	85	96	87	85	88	85	93	....	85.3
	Minimum	61	60	62	63	69	70	72	69	70	68	65	68	52	47	50	55	64	68	69	69	71	73	66	68	69	66	69	74	75	74	....	65.9
Mena	Maximum	82	84	85	87	89	68	90	92	91	87	89	92	85	79	85	89	91	94	93	88	92	88	85	86	90	87	91	92	92	94	....	88.6
	Minimum	67	58	59	60	70	69	69	68	68	69	72	67	60	46	50	54	55	67	67	70	65	74	66	68	68	61	74	73	73	72	....	65.3
Monticello	Maximum	84	86	78	86	91	90	90	91	91	90	90	94	89	80	84	85	91	92	91	88	84	91	75	83	90	90	92	90	92	92	....	88.0
	Minimum	67	66	60	59	68	71	69	72	71	70	70	69	68	58	55	58	59	66	66	70	67	74	68	70	68	70	74	74	73	72	....	67.4
Morrilton /	Maximum	82	83	78	85	92	90	92	93	93	90	89	94	72	81	83	88	91	95	92	84	85	89	79	84	80	80	89	90	92	....	....	[a]86.7
	Minimum	54	62	58	60	62	68	68	69	68	72	70	68	69	52	54	58	62	65	69	69	69	70	67	66	68	71	65	70	75	79	....	65.9
Mountain Home	Maximum	80	79	80	83	90	87	90	91	92	87	81	90	85	80	83	87	89	92	93	87	84	89	83	85	85	85	89	91	86	94	....	86.6
	Minimum	62	63	54	57	65	65	68	67	64	72	66	66	55	49	49	57	59	60	65	65	71	70	67	69	65	66	65	68	73	70	....	63.7
Mt. Ida	Maximum	82	86	88	90	91	92	93	93	90	88	91	93	84	84	81	89	92	93	93	84	89	88	80	84	92	91	92	93	94	95	....	89.2
	Minimum	60	58	56	53	60	63	64	64	64	68	71	62	60	44	45	52	50	52	53	54	57	68	67	68	65	70	71	72	74	72	....	61.2
Nashville	Maximum	86	87	82	88	89	90	90	91	91	90	91	94	88	88	81	86	91	94	92	89	90	91	78	89	93	91	93	93	94	94	....	89.5
	Minimum	71	61	62	62	68	68	70	66	66	69	70	69	69	46	53	52	54	61	68	70	66	71	72	69	69	68	72	76	74	72	....	66.1
Newport	Maximum	84	84	81	86	93	91	93	93	93	91	92	95	85	84	85	91	89	95	93	85	88	87	75	86	86	92	91	92	92	95	....	88.9
	Minimum	70	53	59	56	63	71	70	72	69	74	73	71	69	53	54	59	62	64	69	68	72	71	69	69	70	68	70	74	76	74	....	67.1
Nimrod Dam /	Maximum	85	83	82	85	92	90	93	93	93	90	91	96	78	87	82	89	92	94	92	92	84	89	83	84	92	89	90	93	96	....	....	[a]88.9
	Minimum	59	52	45	45	53	66	66	67	67	73	72	66	68	51	53	53	59	64	68	68	68	72	69	68	68	71	66	70	75	70	....	63.7
Oden	Maximum	81	84	85	88	91	91	91	92	93	89	92	94	75	80	83	90	93	95	92	88	91	98	85	87	93	87	91	95	97	98	....	89.6
	Minimum	60	61	56	58	67	67	68	65	63	72	69	66	55	47	48	53	53	61	65	67	65	70	70	70	66	64	70	75	73	71	....	63.8

Daily Temperatures for June, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	89	89	89	89	90	90	91	92	92	91	92	93	91	84	85	87	92	94	92	89	90	91	90	87	92	93	93	94	94	94	....	90.6
	Minimum	72	53	62	63	72	69	71	70	70	59	72	73	70	50	53	54	52	64	69	71	66	72	69	69	70	70	75	76	74	73	....	67.4
Ozark	Maximum	84	81	79	83	92	91	92	93	93	89	87	93	79	78	80	85	89	91	92	87	87	91	84	86	88	88	94	92	92	94	....	87.8
	Minimum	63	60	59	64	66	68	68	69	66	69	67	71	57	50	55	55	61	60	70	70	71	72	72	70	70	66	70	72	75	72	....	55.9
Faragould	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Perryville	Maximum	84	82	84	88	93	90	85	93	93	91	90	95	89	81	84	88	92	95	93	90	90	91	85	84	93	92	88	91	95	97	....	89.6
	Minimum	72	63	55	57	65	65	63	64	64	67	67	64	62	49	52	55	56	60	65	67	76	73	68	68	66	66	64	66	73	69	....	64.0
Pine Bluff	Maximum	81	84	76	89	94	91	92	91	96	94	94	96	90	83	80	86	93	95	94	90	81	91	79	82	89	90	93	93	94	95	....	89.2
	Minimum	72	67	61	61	68	73	72	72	73	73	73	69	69	57	59	60	62	67	72	74	70	74	69	69	72	73	73	75	75	75	....	69.3
Pocahontas	Maximum	81	80	80	84	92	90	92	93	93	91	91	95	90	85	86	88	90	90	96	87	88	84	76	86	84	90	87	91	88	96	....	88.1
	Minimum	63	60	56	54	61	68	68	71	68	73	71	66	68	49	52	60	69	62	67	66	71	70	65	67	59	64	66	73	73	69	....	65.3
Portland	Maximum	90	90	81	88	91	90	92	92	93	91	92	95	89	83	85	85	92	91	90	87	83	88	84	80	85	90	90	89	90	90	....	88.6
	Minimum	69	80	62	58	64	72	72	68	68	73	71	67	72	68	58	58	63	68	67	72	70	75	70	70	70	70	75	75	74	72	....	69.0
Prescott	Maximum	86	90	88	92	93	93	93	94	92	94	94	97	90	83	83	88	94	96	94	89	92	93	88	87	93	94	95	96	97	97	....	91.8
	Minimum	70	61	61	60	70	73	71	72	71	71	70	71	69	54	56	57	50	68	70	72	62	70	72	68	70	70	75	71	71	75	....	67.7
Rogers	Maximum	80	78	81	83	87	85	87	88	88	80	82	86	78	77	79	83	84	87	90	85	83	88	84	85	87	80	88	90	90	91	....	84.5
	Minimum	59	60	55	61	70	66	69	69	67	71	60	67	54	44	51	56	59	60	66	66	66	70	65	64	68	64	65	72	74	69	....	63.6
Russellville	Maximum	83	85	88	87	93	91	94	94	93	91	89	95	94	80	83	88	92	94	93	87	86	92	83	85	91	89	92	94	94	98	....	89.8
	Minimum	63	61	58	60	68	68	69	69	68	69	71	67	60	50	54	59	61	62	68	69	69	74	69	59	68	71	69	73	77	71	....	65.1
St. Charles /	Maximum	83	82	77	85	91	90	91	90	92	90	92	95	90	82	84	86	90	92	91	81	79	86	71	79	85	90	90	90	98	92	....	87.2
	Minimum	69	66	60	59	55	72	71	71	71	74	72	71	72	58	58	60	62	66	70	73	71	71	65	65	71	68	70	75	75	76	....	58.2
Searcy	Maximum	84	83	80	85	92	92	92	93	94	93	93	96	87	84	85	90	92	95	95	85	89	94	81	83	90	91	90	92	92	95	....	89.6
	Minimum	65	62	60	58	64	71	69	70	68	72	72	68	71	51	55	59	61	63	69	70	71	72	67	69	69	68	68	73	75	72	....	66.7
Sheridan	Maximum	79	83	79	88	88	90	89	90	91	92	92	93	85	85	85	87	88	91	93	88	82	92	85	82	90	90	89	93	94	94	....	88.2
	Minimum	51	67	56	55	66	69	68	65	63	69	70	59	67	48	53	58	59	64	67	70	67	72	67	66	67	68	71	70	78	72	....	65.1
Siloam Springs	Maximum	81	76	82	83	81	88	88	90	89	90	84	88	77	77	80	85	85	88	90	85	85	87	84	93	86	77	89	89	89	91	....	85.2
	Minimum	59	58	56	63	68	66	66	64	71	68	67	68	45	48	49	55	65	56	68	59	60	71	51	57	59	53	60	72	75	72	....	61.3
Stuttgart	Maximum	83	81	79	83	90	89	90	90	91	90	90	90	90	78	81	84	88	88	90	86	80	90	83	82	86	89	90	90	90	91	....	86.7
	Minimum	70	66	60	60	67	73	72	72	71	72	72	72	73	55	59	61	64	67	70	74	71	72	66	68	71	71	71	75	75	74	....	58.8
Stuttgart Evap. /	Maximum	83	81	76	83	90	90	91	91	92	90	90	93	87	80	86	85	89	92	90	85	77	88	70	82	85	89	89	90	89	....	....	^{a}85.3
	Minimum	60	65	61	59	64	72	70	71	70	72	72	70	72	56	58	61	63	67	69	73	70	71	67	65	69	70	70	74	75	73	....	67.5
Subiaco	Maximum	84	80	79	80	89	89	91	91	91	91	87	87	83	77	81	83	90	93	94	86	85	91	83	86	88	87	93	94	94	94	....	87.4
	Minimum	52	60	58	58	60	62	64	69	69	68	70	73	66	51	54	58	61	65	59	71	70	72	69	68	70	65	65	70	79	73	....	65.6
Texarkana	Maximum	89	88	87	89	91	91	91	91	91	91	91	93	82	81	82	84	91	92	90	82	91	91	79	86	92	92	93	94	95	94	....	89.1
	Minimum	69	67	54	65	72	70	71	72	72	72	72	74	52	53	59	58	60	68	69	66	57	78	68	70	72	73	76	77	75	74	....	68.8
Turnpike	Maximum	71	74	77	76	84	81	....	83	83	79	80	84	78	72	78	79	80	84	85	80	77	83	75	80	81	79	82	83	84	86	....	^{a}80.0
	Minimum	59	57	54	64	51	69	....	68	67	67	63	67	54	48	51	61	63	67	68	67	66	59	63	64	66	61	57	71	72	70	....	^{a}63.2
Waldron	Maximum	85	80	84	88	91	90	93	94	93	90	92	94	90	78	86	88	92	93	92	89	92	90	83	86	92	89	93	94	95	96	....	89.7
	Minimum	62	61	59	62	70	68	69	64	65	61	73	66	55	48	50	55	55	52	67	69	69	71	67	69	67	65	72	77	77	75	....	65.0
Warren	Maximum	89	88	85	88	92	91	92	91	93	92	92	95	93	87	84	87	90	91	93	88	86	89	87	83	89	91	93	93	93	93	....	89.9
	Minimum	73	69	68	62	66	74	71	74	74	73	72	70	74	57	55	58	58	68	67	74	69	69	71	72	72	72	75	75	74	74	....	69.4
White Rock	Maximum	74	76	79	77	84	82	84	85	85	77	78	84	79	73	74	79	81	89	85	80	77	81	80	78	82	76	84	84	84	87	....	80.6
	Minimum	66	65	66	59	56	66	68	68	67	65	61	68	50	49	56	59	62	65	67	66	64	67	56	55	66	61	66	70	70	70	....	64.2
Wilson	Maximum	85	81	72	83	91	91	92	92	94	93	94	95	88	87	86	87	89	93	93	85	83	81	78	83	83	91	87	91	90	95	....	87.8
	Minimum	67	66	61	55	53	69	71	69	70	74	72	70	72	54	56	61	61	63	70	69	71	70	61	68	66	55	70	73	75	72	....	66.8
Wynne /	Maximum	81	82	79	86	92	89	89	93	92	90	93	95	87	81	85	89	88	95	93	87	82	83	74	84	85	92	88	90	89	92	....	87.5
	Minimum	59	65	58	56	66	71	71	71	69	73	72	74	69	54	57	60	64	68	71	70	71	71	65	68	65	65	69	74	73	74	....	67.5

Daily River Stages for May, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	13.9	19.3	22.0	20.4	19.5	17.5	14.0	12.2	12.2	11.9	11.8	14.6	14.0	12.6	11.2	10.1	9.5	9.0	8.8	8.5	8.0	8.9	12.2	10.4	13.4	15.5	14.5	14.8	14.7	13.2	....
Van Buren	do	22	14.7	20.2	23.3	21.4	20.5	18.6	14.9	12.7	12.6	12.2	11.8	15.2	14.9	13.2	11.6	10.2	9.8	9.1	8.8	8.5	8.1	9.0	12.8	10.8	13.3	16.3	15.4	15.5	15.5	13.8	....
Danville	Petit Jean	20	5.2	3.7	3.4	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	2.9	3.6	3.0	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	....
Ozark	Arkansas	22	11.2	11.1	17.8	15.8	15.9	14.7	11.9	9.1	8.2	7.9	7.8	9.6	11.2	9.6	8.2	6.8	5.4	5.4	5.0	4.8	4.5	5.2	8.6	8.3	5.2	11.2	11.4	11.2	11.2	10.3	....
Dardanelle	do.	22	14.5	13.1	18.2	20.2	18.8	17.8	16.1	13.0	10.8	10.8	10.1	10.1	12.7	12.8	11.9	9.8	8.6	7.8	7.2	6.9	5.6	6.4	7.4	10.6	9.2	9.5	13.6	13.1	12.1	13.0	....
Morrilton	do.	20	10.5	8.9	10.2	15.1	14.5	13.4	12.2	9.4	5.8	5.6	5.4	5.1	6.6	8.2	6.8	5.6	4.2	3.2	2.6	2.0	1.7	1.4	1.5	4.8	5.2	3.6	7.8	8.4	8.1	8.0	....
Little Rock	do.	23	13.2	11.7	10.5	14.7	16.0	15.0	14.0	12.5	10.1	8.2	7.7	7.4	7.4	9.3	9.3	8.1	7.1	6.2	5.7	5.2	5.0	4.8	4.8	5.6	7.7	7.1	7.1	9.9	9.7	9.5	....
Pine Bluff	do.	25	16.6	15.6	14.4	14.8	17.6	17.9	17.0	16.1	14.5	12.1	10.9	10.4	10.1	10.7	12.4	11.8	10.6	9.5	8.6	8.1	7.6	7.3	7.1	7.3	9.0	10.4	9.3	11.2	12.7	12.5	....
Gilbert	Buffalo	30	4.4	4.7	5.1	4.8	4.5	4.4	4.3	4.2	4.2	4.2	4.2	5.5	4.8	5.5	5.9	4.9	4.5	4.4	4.3	4.2	4.2	4.1	4.1	4.3	4.7	4.7	4.5	4.4	4.4	4.4	....
Black Rock	Black	14	6.8	6.8	6.5	6.9	7.0	6.9	5.8	6.6	5.3	6.1	5.9	5.7	5.4	5.3	4.8	4.4	4.1	3.9	3.8	3.7	3.8	3.9	4.5	4.5	4.3	4.1	4.0	4.4	5.0	5.3	....
Forsyth, Mo.	White	30	3.5	6.4	6.8	11.1	8.4	7.0	6.3	6.1	6.0	1.3	1.0	3.1	3.1	1.6	4.4	3.4	4.0	1.5	1.9	1.2	0.9	0.9	2.4	4.1	4.1	3.4	1.2	6.1	5.4	3.7	....
Cotter	do	21	5.4	5.8	6.4	5.8	10.1	7.7	6.4	5.8	5.4	5.0	4.3	3.7	3.6	4.0	4.2	4.2	4.2	4.0	4.0	4.1	4.1	4.1	3.2	2.1	3.8	4.8	4.4	4.2	5.1	4.9	....
Calico Rock	do	18	5.5	5.5	5.3	6.2	9.0	8.2	5.8	5.9	5.4	5.2	4.9	4.0	4.0	3.9	4.7	4.4	4.2	4.1	4.2	3.8	3.8	3.7	3.6	3.3	3.0	3.6	4.4	4.3	3.3	4.6	....
Lock 3	do	..	10.5	10.5	10.7	11.5	11.7	14.1	12.2	11.2	10.6	10.3	10.0	9.7	9.3	9.5	9.5	10.1	9.7	9.5	9.4	9.5	9.4	9.3	9.1	9.0	8.5	8.8	9.8	9.7	9.4	9.2	....
Batesville	do	23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Newport	do	26	11.9	11.2	10.7	10.6	10.9	12.4	13.5	12.4	11.0	9.9	9.1	8.5	7.6	6.9	6.7	6.6	6.8	6.5	5.1	5.9	5.7	5.7	5.8	5.8	5.6	5.3	5.4	6.2	6.2	5.1	....
Augusta	do	32	27.5	26.7	25.8	25.0	24.7	24.6	25.8	25.8	25.0	23.9	22.9	22.1	21.4	20.5	19.8	19.4	19.4	19.3	18.9	18.3	18.4	18.2	18.0	18.2	18.1	17.9	17.6	17.7	18.3	18.4	....
Sugar Loaf Mt.	Little Red.	..	4.8	4.7	4.8	5.0	4.7	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.4	3.4	3.3	3.2	3.2	3.2	3.2	3.2	5.3	4.7	4.4	4.2	4.1	4.0	....
Georgetown	White	21	19.3	18.5	17.8	16.9	16.0	15.5	15.5	15.6	15.4	14.8	13.7	12.8	11.9	10.8	10.2	9.6	9.1	9.0	8.9	8.4	8.1	7.8	7.6	7.5	7.7	7.9	7.8	7.5	7.5	7.7	....
Des Arc	do	24	22.2	21.5	21.0	20.0	19.4	18.7	18.4	17.9	17.5	17.3	15.6	15.8	15.2	14.3	13.2	12.7	12.1	11.5	11.5	10.9	10.8	10.2	9.8	9.8	9.7	9.7	9.7	9.7	9.7	9.7	....
Clarendon	do	26	26.0	26.0	26.0	25.8	25.5	25.1	24.7	24.3	24.0	23.5	23.3	22.9	22.4	21.8	21.1	20.4	19.5	18.8	18.1	17.5	17.0	16.5	16.3	16.0	15.7	15.7	15.7	15.5	15.5	15.4	....
St. Charles	do	25	24.8	24.9	24.9	24.9	24.9	24.8	24.7	24.6	24.4	24.3	24.1	23.9	23.7	23.4	23.1	22.7	22.2	21.6	21.0	20.4	19.7	19.3	18.8	18.7	18.6	18.6	18.6	18.6	18.5	18.4	....
Glenwood	Caddo	..	4.7	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.8	5.0	4.5	4.5	4.6	4.5	4.5	4.5	4.4	....
Arkadelphia	Ouachita	17	5.1	4.2	4.9	4.0	3.8	4.7	5.0	4.2	3.6	3.9	5.0	5.0	4.8	3.6	3.4	3.2	3.2	3.2	3.2	3.3	3.3	4.0	3.7	4.1	3.7	3.5	3.7	3.4	3.4	3.4	....
Boughton	Little Mo.	20	5.3	5.1	5.6	5.4	5.2	5.1	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.4	7.0	4.9	4.8	4.7	4.5	4.5	4.4	4.4	4.4	....
Camden	Ouachita	25	8.6	7.1	7.8	7.4	7.2	6.5	5.2	6.2	6.2	5.6	5.0	5.2	5.5	5.6	5.5	4.9	4.4	4.1	4.2	4.2	4.5	5.1	6.9	10.9	10.4	8.5	7.0	6.0	5.5	5.0	....
Benton	Saline	20	5.7	5.5	5.4	5.3	5.2	5.0	4.8	4.6	4.4	4.3	4.3	4.2	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.8	4.2	4.3	4.7	4.9	4.6	4.4	4.2	4.1	4.0	....
Index	Red	25	19.8	19.9	19.9	20.3	20.6	20.2	19.6	18.5	18.4	18.1	17.7	17.2	17.0	16.8	15.5	14.6	14.4	14.2	13.2	11.2	11.2	10.1	9.9	10.2	10.0	9.9	12.5	14.5	15.2	14.9	....
Fulton	do	25	23.1	22.9	22.5	22.6	22.8	22.6	21.6	20.7	20.3	19.8	19.2	19.0	18.8	17.9	17.0	15.8	15.3	15.1	14.6	12.9	11.6	10.9	10.6	10.5	10.6	10.4	11.4	13.8	15.5	15.6	....
St. Francis	do	18	12.7	11.7	12.1	13.5	13.1	13.2	13.6	13.8	13.8	13.5	11.9	9.3	7.2	5.5	4.6	5.7	8.1	9.0	8.1	6.5	5.5	5.5	7.4	9.0	8.9	8.1	7.1	8.4	10.2	13.5	....
St. Francis L.L.	do	..	21.3	21.2	21.1	21.0	20.9	20.8	20.7	20.7	20.5	20.5	20.5	20.4	20.4	20.3	20.3	20.2	20.1	20.0	19.9	19.8	19.7	19.5	20.3	20.4	20.5	20.7	20.9	21.1	21.1	21.2	....
Marked Tree	do	17	7.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	7.5	7.1	7.0	6.9	5.8	5.7	6.7	6.7	6.6	6.5	6.5	6.5	6.5	6.4	8.9	8.4	8.4	7.5	7.3	7.5	7.7	7.8	....
Parkin	do	28	10.3	10.5	10.5	10.4	10.3	10.2	10.1	10.0	10.0	10.0	9.9	9.7	9.6	9.5	9.4	9.4	9.4	9.5	9.7	9.9	10.3	10.6	15.0	16.9	17.2	17.1	16.6	15.6	14.8	14.4	....
Madison	do	32	15.5	15.9	16.0	16.1	16.1	16.0	16.0	16.1	15.1	15.1	16.1	16.0	16.0	16.0	15.0	16.0	16.2	16.6	17.1	17.6	18.2	19.0	19.8	20.7	21.2	21.5	21.4	20.9	20.4	20.0	....
Helena	Mississippi	44	33.8	34.2	34.3	34.3	34.4	34.5	34.7	34.8	34.8	34.9	34.9	34.8	34.8	34.9	34.9	35.1	35.5	36.0	36.5	37.0	37.5	37.9	38.5	38.8	38.9	38.8	38.5	38.2	37.9	37.7	....
Arkansas City	do	42	31.3	31.6	31.5	31.4	31.4	31.8	32.2	32.3	32.2	32.0	31.7	31.4	31.2	31.0	30.9	33.1	31.1	31.2	31.3	31.5	31.7	32.0	32.2	32.5	32.7	32.9	33.1	33.0	32.9	33.0	....

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. ^{1} Midnight to midnight. ^{2}Measured in the morning for the preceding 24 hours. ^{3}Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning: the maximum temperature then read is charged to the preceding day, on which it most always occurs. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana; Lutherville, Route 1. Lamar: Moro Bay, Route 3. El Dorado: Morrilton, Route 3. Morrilton: Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill; Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord: White Rock, Route 2, Winslow.

W.B.R.P.O..Fort Worth, Texas. 8-12--1947--1225

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. LII — Little Rock, Ark., July, 1947 — No. 7

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GENERAL SUMMARY

The month of July was marked by temperatures and rainfall below normal. This was the second coolest July in Arkansas in 32 years and the seventh coolest on record. Temperatures showed wide extremes with readings near the record low about the 23d and near the record high at the close of the month. The month opened with moderately cool weather and temperatures were below normal at most stations the first 12 days of the month. This was followed by a week of daily mean temperatures a few degrees above normal, but by the 19th another cool wave overspread the State giving near record low temperatures throughout the State by the 23d. The lowest July temperature on record is 40° at Corning on July 1, 1924 while 41° was recorded at Paragould on July 23d this year. By the 25th temperatures had returned to normal or above and the last week of the month brought temperatures of 100° or higher in practically all sections, the highest for the month occurring on the 31st.

Scattered showers occurred on the 1st and 2d, the 6th and 7th, from the 15th to the 18th. Thereafter showers were irregular. Amounts were uniformly light to moderate with only a few stations having 24 hour totals exceeding an inch. By the close of the month soil moisture was depleted in western and central sections of the State, but crops had not suffered seriously in lowland counties.

The month as a whole was favorable for cotton. The warm dry weather held insect damage in check. The cool nights around the 23d of the month retarded fruiting somewhat, but the following warm weather was favorable. A good corn crop is in prospect over the eastern and northern counties, but corn deteriorated in the drier areas of the State. Rice did well throughout the month and at the close of the month early varieties were nearing maturity. Dry weather reduced the quality and the quantity of Elberta Peaches. Cantaloupes, cucumbers, and watermelons were being marketed at the close of the month, these too being damaged somewhat by dry weather. Soybeans continue to promise good yields.

A destructive hail storm in eastern Craighead County Monday evening July 14 damaged 1,000 acres of cotton and other crops in excess of $100,000.

TEMPERATURE

The mean temperature for the month of July, as determined from the records of 73 stations, was 78.3° which is 2.2° below the 57 year average. The highest monthly mean was 81.8° at Booneville, Camp Chaffee, Hot Springs and Prescott. The lowest monthly mean was 75.0° at Harrison. The highest temperature recorded during the month was 109° at Gilbert, Booneville and Lead Hill on the 31st. The highest occurred throughout the State at the close of the month and all stations except Helena, Marianna, Paragould, Turnpike and Wilson had 100° or higher. The lowest temperature recorded during the month was 41° at Paragould on the morning of the 23d. The lowest occurred in all sections about this date and at many stations the readings on the morning of the 23d were near record low for July.

PRECIPITATION

The average rainfall for the month of July, 87 stations reporting, was 1.25 inches, which is 2.42 inches less than normal. This was the third driest July on record in Arkansas. July 1930 with an average of 0.74 inch was the driest and July 1943 with an average of 1.13 inches was next. Monthly totals ranged from 4.66 inches at Paragould to 0.10 inch at Warren. There were 40 stations with monthly totals less than an inch, 20 with less than half an inch and 8 with less than a quarter of an inch. The greatest 24-hour amount was 3.10 inches at Paragould on the 7th. The average number of days with 0.01 or more rainfall was 3.

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	20	..	..	..	2	20	..	..	..	..	..	..	..	6	11	19	6	20	1	1	..	4	1	1	6	7	5	4	12	4	8
High Winds	1	..	..	..	..	3	1	..	..	..	..	..	..	..	..	3	..	2	1	1	..	1	..	..	..	..	..	..	3	1	2
Heavy Fog	1	1	1	..	..	..	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Sleet	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.22	25	29.77	17	6.0	19	w.	20	81	42	42	76	0
Little Rock	30.24	25	29.79	15	6.6	29	nw.	29	83	53	53	73	0
Memphis	30.29	25	29.74	15	7.1	28	sw.	14	81	46	47	89	0
Texarkana	30.22	25	29.84	16	....	28	nw.	16	78	43	41	..	0

COMPARATIVE DATA FOR JULY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.5	103	50	7.24	0	10	13	8	10
1892	79.0	104	52	3.58	0	10	10	11	10
1893	80.9	103	59	2.94	0	6	17	11	3
1894	78.4	108	51	3.98	0	16	17	9	5
1895	78.9	104	55	7.34	0	2	12	10	9
1896	83.4	110	52	1.61	0	4	16	11	4
1897	82.4	109	50	3.25	0	5	16	11	4
1898	79.9	105	50	4.25	0	8	12	13	6
1899	79.0	100	52	5.14	0	8	15	11	5
1900	79.7	102	51	4.46	0	9	10	15	6
1901	83.7	116	50	2.49	0	6	15	13	3
1902	79.4	105	50	4.49	0	6	14	12	5
1903	79.6	105	53	3.86	0	9	13	12	6
1904	77.9	104	49	4.43	0	10	13	13	5
1905	76.7	106	51	7.60	0	13	10	13	8
1906	76.7	99	48	5.96	0	10	13	9	9
1907	81.4	108	53	1.96	0	4	21	8	2
1908	79.2	103	48	3.00	0	8	15	12	4
1909	81.9	106	50	2.51	0	5	19	9	3
1910	79.4	105	41	5.46	0	10	15	12	4
1911	78.4	106	43	4.83	0	11	9	14	8
1912	81.3	104	56	2.82	0	6	15	13	3
1913	81.5	104	55	4.31	0	8	13	14	4
1914	82.6	107	54	2.69	0	7	11	15	5
1915	77.1	107	43	2.40	0	5	20	7	4
1916	82.8	106	55	2.09	0	6	19	9	3
1917	79.6	106	50	5.10	0	8	15	9	7
1918	79.6	111	49	1.53	0	4	19	7	5
1919	81.2	104	54	1.91	0	5	19	8	4
1920	79.8	105	52	4.22	0	7	15	10	6
1921	82.0	107	54	2.42	0	6	19	8	4
1922	80.2	106	48	4.12	0	7	14	11	6
1923	79.9	105	48	3.53	0	6	16	9	6
1924	79.0	110	40	2.35	0	5	18	8	5
1925	81.8	109	47	4.99	0	10	11	11	9
1926	79.8	109	42	3.55	0	8	17	9	5
1927	79.6	104	49	4.25	0	6	17	9	5
1928	80.3	102	52	3.66	0	8	17	8	6
1929	81.2	105	51	3.07	0	7	17	10	4
1930	84.7	115	42	0.74	0	2	21	8	2
1931	81.0	106	43	6.00	0	11	12	11	8
1932	82.5	108	50	5.00	0	9	16	9	6
1933	81.4	109	55	5.01	0	9	12	10	9
1934	85.5	112	57	1.66	0	4	20	9	2
1935	82.2	107	53	2.32	0	5	17	12	2
1936	83.3	114	42	4.90	0	6	17	9	5
1937	80.4	106	52	3.71	0	7	14	12	5
1938	82.0	109	59	3.74	0	7	14	11	6
1939	82.0	110	55	3.34	0	7	19	8	4
1940	78.4	103	48	4.14	0	8	13	9	9
1941	81.2	105	53	4.82	0	9	13	12	6
1942	81.1	105	53	1.39	0	3	17	11	3
1943	82.9	110	47	1.13	0	4	17	11	3
1944	81.2	108	49	2.61	0	4	16	11	4
1945	78.1	106	45	3.94	0	6	10	15	6
1946	80.8	106	51	3.94	0	7	14	12	5
1947	78.3	109	41	1.25	0	3	..	..	..
1948									
Period	80.5	116	40	3.67	0	7	..	..	..

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Climatological Data for July, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	10	79.0	-1.2	106	31	51	23	0.22	--2.98	0.22	16	0	1					L. R. Water Works
Arkadelphia	Clark	200	51	79.6	-1.6	105	31	52	23	0.67	-3.04	0.44	2	0	5					W. H. Halliburton
Ashdown	Little River	329	3	78.6	......	104	31	55	11	1.37	......	0.93	17	0	3					Southwestern G. & E.
Batesville Airway	Independence	363	11	76.9	-3.3	105	31	49	23	1.59	......	1.11	6	0	6					Airway Observer
Batesville Livestk.	Independence	500	6	....	......	....	....	....	....	....	......	....	....	....	....					University of Arkansas
Bee Branch	Van Buren	650	54	77.1	-4.1	105	29	47	23	0.94	-2.33	0.60	6	0	4					Minnie Scanlan
Benton	Saline	285	11	76.0	-4.7	103	31	46	23	0.57	......	0.27	2	0	5					Mrs. Etta C. Burks
Bentonville	Benton	1295	41	75.6	-2.8	105	31	49	23	1.25	-2.04	0.68	6	0	6					E. L. Brown
Bethesda***	Independence	500	7	76.0	......	105	31	46	23	2.55	......	1.20	15	0	3					Soil Cons. Service
Black Rock	Lawrence	259	45	....	......	....	....	....	....	0.77	-2.75	0.44	6	0	3					J. H. Ragan
Blytheville	Mississippi	252	21	77.8	-3.7	100	31	51	23	2.59	-0.60	1.04	7	0	5					R. E. Blaylock
Booneville 3 miles w	Logan	465	32	[b]81.8	-1.0	110	17	[c]50	23	0.37	-2.72	0.21	6	0	2					F. H. Randolph
Brinkley	Monroe	205	55	77.8	-3.2	102	29	49	23	2.56	-1.72	1.90	16	0	4					Robert L. Glover
Camden	Ouachita	116	61	....	......	....	....	....	....	....	......	....	....	....	....					J. M. Knight
Camp Chaffee	Sebastian	419	3	81.8	......	107	31	52	23	0.20	......	0.11	6	0	2					U. S. Army
Clarendon	Monroe	172	42	....	......	....	....	....	....	0.27	-3.12	0.16	16	0	2					B. F. Northern
Conway	Faulkner	309	63	79.1	-3.1	106	30	49	23	0.31	-3.19	0.30	6	0	2					G. Y. Short
Corning	Clay	293	53	77.2	-2.9	103	31	50	23	1.75	-1.83	0.90	26	0	6					Mrs. Laura Polk
Cotter	Baxter	440	19	....	......	....	....	....	....	2.39	-0.41	0.86	6	0	4					O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	[a]77.2	-4.4	[a]100	29†	[a]49	24	0.41	-4.21	0.25	19	0	3					U. S. Forest Service
Cummins Farm***	Lincoln	176	3	77.8	......	101	29	55	22†	0.95	......	0.95	16	0	1					T. C. Cogbill
Danville	Yell	327	30	....	......	....	....	....	....	0.28	......	0.24	7	0	2					J. A. Moudy
Dardanelle	Yell	330	60	81.2	-1.1	107	30	55	22	1.03	-2.35	0.53	6	0	3					Geo. N. Goodier
DeQueen	Sevier	426	11	78.9	-2.2	100	28†	56	20	2.18	-1.81	0.73	1	0	5					L. D. McCown
Des Arc	Prairie	204	8	....	......	....	....	....	....	....	......	....	....	....	....					Z. R. Glenn
Devils Knob***	Johnson	2350	10	....	......	....	....	....	....	....	......	....	....	....	....					U. S. Forest Service
Dumas	Desha	162	41	79.2	-3.2	102	29†	52	23	2.71	-1.27	2.71	16	0	1					Ben Johnson
El Dorado	Union	270	46	79.2	-3.4	103	30	53	23	0.48	-3.96	0.48	20	0	1					Airway Observer
England	Lonoke	229	40	....	......	....	....	....	....	....	......	....	....	....	....					Joseph M. Dolan
Eureka Springs	Carroll	1465	46	76.9	-2.1	106	31	50	20†	0.65	-3.06	0.30	1	0	4					Geo. W. Nichoalds
Fayetteville	Washington	1334	9	76.6	......	103	31	52	23	2.23	......	1.36	6	0	5					Charles F. Ford
Fayetteville Exp	Washington	1451	59	75.3	-3.5	103	29†	48	23	2.18	-1.52	1.48	6	0	4					University of Arkansas
Fordyce	Dallas	280	6	80.8	-1.2	106	30	51	23	0.55	-2.57	0.55	2	0	1					Ark. Forestry Com.
Fort Smith	Crawford	448	65	80.2	-1.3	107	31	54	23	0.11	-3.26	0.08	6	0	3					U. S. Weather Bureau
Fulton	Hempstead	260	61	....	......	....	....	....	....	0.18	-3.38	0.13	23	0	2					Ina J. Logan
Georgetown, 2 mi, se	White	200	34	....	......	....	....	....	....	0.44	-2.68	0.44	7	0	1					J. S. McDonald
Gilbert	Searcy	600	21	[a]76.8	......	[a]109	31	[a]47	22†	1.43	-1.45	0.55	1	0	6					D. O. Dennis
Grannis	Polk	950	27	78.0	-1.5	102	31	54	22	1.71	-2.84	1.23	27	0	4					W. E. McVay
Gravette	Benton	1250	49	76.0	-2.4	104	30	50	23	0.96	-2.55	0.62	6	0	5					J. A. Schmidt
Green Mountain***	Stone	1100	9	....	......	105	31	....	....	1.53	......	0.91	5	0	3					U. S. Forest Service
Harrison	Boone	1052	46	75.0	-3.1	103	30†	44	23	0.97	-2.42	0.37	6	0	3					R. C. Beene
Helena	Phillips	300	74	78.9	-2.5	99	28	54	23	2.46	-1.39	1.15	16	0	5					James A. Burnett
Hope 3 miles e	Hempstead	375	76	80.1	-1.6	105	31	53	23	0.14	-4.21	0.08	23	0	3					Univ. of Arkansas
Hot Springs	Garland	600	54	81.8	-0.5	106	30†	54	23	1.51	-2.60	0.57	26	0	5					National Park Service
Jonesboro	Craighead	345	51	77.2	-4.1	100	31	52	23	1.95	-1.28	0.71	18	0	5					Benedictine Sisters
Lead Hill	Boone	650	40	76.5	-3.6	109	31	44	23	1.82	-1.87	0.99	15	0	4					F. W. Kellogg
Little Rock[a]	Pulaski	257	67	79.3	-1.6	103	31	56	23	1.03	-2.47	0.87	29	0	3					U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	48	78.2	-2.1	107	31	51	23	2.93	-0.61	1.42	1	0	4					Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	....	......	....	....	....	....	0.45	-4.35	0.30	15	0	2					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	80.6	-1.9	104	18†	55	23	1.45	-2.56	1.00	29	0	2					State Agri. School
Mammoth Spring	Fulton	600	42	75.2	-3.8	105	31	47	23	2.53	-0.97	1.20	6†	0	3					L. A. O'Neal
Marianna	Lee	235	35	76.2	-5.0	99	28	45	23	1.23	-2.16	0.70	16	0	3					Univ. of Arkansas
Marked Tree	Poinsett	229	42	76.6	-4.4	100	31	50	23	1.89	-1.72	0.62	15	0	5					Chas. Walton
Marshall	Searcy	1050	28	[c]78.6	-0.5	105	31	[f]52	10	1.61	......	....	....	0	6					Mrs. Minnie Horton
Mena	Polk	1207	58	79.4	-0.9	108	17	52	23	0.21	-3.67	0.14	23	0	2					E. W. St. John
Monticello	Drew	273	6	79.4	......	102	29†	56	22†	0.17	......	0.13	18	0	4					Airway Observer
Morrilton***	Conway	315	30	78.1	-4.5	105	31	49	23	0.54	-1.90	0.49	7	0	2					L. A. Dicus
Mountainburg	Crawford	712	9	....	......	....	....	....	....	0.94	......	0.56	1	0	3					C. A Lovell
Mountain Home***	Baxter	800	34	75.9	-3.5	105	31	47	23	1.75	-1.77	0.70	6	0	5					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	77.6	-2.3	107	30	48	23	1.19	-2.31	0.57	1	0	5					J. S. Whittington
Nashville	Howard	350	8	79.6	......	104	30	[a]54	23	1.20	......	0.94	1	0	4					Brice Carruth
Newport	Jackson	231	63	78.9	-2.6	103	30	51	23	1.56	-1.66	0.90	16	0	5					Willis T. Moyer
Nimrod Dam	Perry	475	5	[a]79.6	......	107	30	[b]47	23	0.40	......	0.30	7	0	2					U. S. Engineers
Oden, 2 mi. w	Montgomery	800	19	80.0	......	106	17†	48	23	0.96	-2.18	0.60	25	0	5					U. S. Forest Service
Okay	Howard	288	18	81.5	-1.4	105	30	59	5†	1.07	-2.53	0.53	16	0	3					J. T. Hargis
Osceola	Mississippi	250	46	....	......	....	....	....	....	2.76	-0.61	1.39	17	0	6					C. E. Carter
Ozark	Franklin	396	51	79.7	-2.5	106	30†	52	23	2.80	-0.37	2.00	1	0	3					Orkney O. Milton
Paragould	Greene	275	23	[d]74.8	......	[c]96	17†	[d]41	23	4.66	+1.44	3.10	7	0	6					Jene J. Coffman
Parkin, 2 mi. w	Cross	222	16	....	......	....	....	....	....	1.56	-1.86	0.90	16	0	4					Carroll King
Perryville	Perry	325	7	77.8	-2.0	106	30†	45	23	0.57	-3.68	0.25	16	0	3					Gordon Bennett
Pine Bluff	Jefferson	215	59	81.2	-1.3	104	30†	56	23	0.33	-3.27	0.28	19	0	2					Mary T. Scheu
Pine Ridge	Montgomery	840	22	....	......	....	....	....	....	2.22	-1.47	2.20	18	0	2					J. R. Huddleston
Pocahontas	Randolph	300	53	77.6	-3.0	104	31	50	23	2.03	-1.96	1.55	18	0	4					Benedictine Sisters
Portland	Ashley	122	40	79.0	-2.8	100	29	54	23	1.28	-2.65	1.23	18	0	2					Mrs. Pearl Newton
Prescott	Nevada	318	58	81.8	-0.6	105	30†	55	23	0.54	-3.00	0.25	19	0	4					R. P. Hamby
Rogers	Benton	1300	56	75.4	-2.6	104	31	47	23	1.10	-2.58	0.51	1	0	5					Howard Fowler
Russellville	Pope	526	34	79.8	-1.7	106	30	50	23	1.14	-2.96	0.61	6	0	3					U. S. Forest Service
St. Charles	Arkansas	175	13	79.2	......	101	29†	51	22	0.72	......	0.41	17	0	3					U. S. Biological Survey
St. Francis	Clay	290	19	....	......	....	....	....	....	0.96	-3.09	0.38	1	0	4					Wm. S. Buckley
Searcy	White	245	36	79.3	-2.1	105	28	52	23	1.50	-1.45	0.59	16	0	6					Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	6	....	......	....	....	....	....	....	......	....	....	....	....					Ark. Forestry Com.
Siloam Springs	Benton	1150	6	75.6	......	104	30	47	23	0.98	......	0.61	18	0	4					John Brown Univ.
Story	Montgomery	650	22	....	......	....	....	....	....	0.71	-2.76	0.40	18	0	3					S. C. Story
Stuttgart	Arkansas	214	59	79.2	-2.1	100	29†	56	23	0.94	-2.85	0.50	16	0	3					George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	11	78.3	-3.3	101	30	54	23	0.79	-3.30	0.37	18	0	3					University of Ark.
Subiaco	Logan	750	48	79.9	-2.4	108	31	52	23	1.30	-1.87	1.00	1	0	2					New Subiaco Abbey
Texarkana	Miller	332	62	81.2	-1.3	104	30	59	22†	0.39	-3.72	0.36	22	0	2					U S. Weather Bureau
Turnpike***	Pope	2240	22	75.2	......	99	31	53	23	1.43	-1.85	0.92	1	0	2					U.S Forest Service
Waldron	Scott	675	27	79.5	......	107	17†	49	23	0.30	-2.57	0.20	26	0	2					William D Bivens
Warren	Bradley	206	52	80.4	-2.4	104	30	52	23	0.10	-3.79	0.06	19	0	2					C. N Turner
White Rock***	Franklin	2285	10	76.0	......	101	30†	55	23	1.54	......	1.35	1	0	2					U. S. Forest Service
Wilson	Mississippi	237	21	77.2	-3.6	98	31	50	23	1.87	-1.57	1.20	18	0	4					D. O. Anderson
Wynne	Cross	167	38	78.1	-2.9	100	31	55	23	2.15	-1.41	1.34	15	0	5					Guy B. Upton
State Means	....	....	..	78.3	-2.2	109	31	41	23	1.25	-2.42	3.10	7	0	3					

Daily Precipitation for July, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas		.05				T.	.15														T.		.03									0.23
Alum Fork Reser.	Arkansas	T.															.22									T.							0.22
Aplin[2]	Arkansas		.12				T.	.20									.99																1.31
Arkadelphia[2]	Ouachita		.44					.02										.02	.16					T.							.03		0.67
Arkansas City[2]	Mississippi								.03									1.50		.11										T.			1.64
Ashdown[2]	Red																	.93				T.		.43	.01								1.37
Augusta[2]	White						.49	T.								.75	.02																1.26
Batesville Air'y[3]	White					.02	1.11									.32	.06		.06							.02							1.59
Batesville Livestk[2]	White																																....
Batesville River[2]	White	.02					1.05	.03								.35	.08		.04								.63						2.20
Beaty Lake	St. Francis																													T.			....
Beaver[2]	White	.93					.31												.14				T.		T.	T.							1.38
Bee Branch	Arkansas	.15					.60										.10														.09		0.94
Beech Grove[2]	White						T.								.15		1.00		.90						T.		.07						2.12
Beedeville[2]	White																																....
Benton[2]	Saline		.27				.02	.12									.06	.10															0.57
Bentonville[2]	Arkansas	.25					.68	T.								.05	T.		.23				T.	.02	.02								1.25
Bethesda[2]	White						1.10									1.20	.25																2.55
Big Flat[2]	White	.17	.08				1.20	.05								.14	.55								T.								2.19
Big Lake Outlet[2]	St. Francis		.01				.06	.05								.02	.47		1.10			T.											1.71
Black Rock[2]	White						.44												.31							.02							0.77
Blytheville[2]	St Fraucis	T.				T.	.41	1.04								.05	.40	T.	.69														2.59
Booneville 3 mi. W.	Arkansas	.16					.21																T.										0.37
Booneville[2]	Arkansas		.04				.06	.23										T.						T.									0.33
Boughton[2]	Ouachita		.48																														0.48
Bradford[2]	White						.51	.13	T.							.30	.03																0.97
Brinkley[3]	White		.04					.20								.42	1.90																2.56
Burdette	Mississippi						.41	.28								.15	.55		1.25														2.64
Calico Rock[2]	White	.07		.06			.61									.47	.09		.35														1.65
Camden[2]	Ouachita																			.30			T.										....
Camp Chaffee[2]	Arkansas	.09					.11												T.				T.	T.									0.20
Carlisle[2]	Arkansas															.22																	0.22
Clarendon[2]	White																.16		.11														0.27
Clinton[2]	White																																....
Cold Springs[2]	Ouachita							.14															.02										0.16
Conway	Arkansas	.01					.30																										0.31
Corning[2]	White	.23					.02	.03											.50						.07		.90						1.75
Cotter[2]	White	T.					.86									.49	.78		.26							T.							2.39
Cove[2]	Red													T.				.01					T.	.26	.04				T.		T.		0.31
Crossett	Ouachita		.14																	.25			.02										0.41
Crystal Valley(nr)[2]	Arkansas		T.					.40										T.												T.			0.40
Cummins Farm	Arkansas	T.					T.										.95																0.95
Danville[2]	Arkansas		.04				T.	.24																									0.28
Dardanelle[2]	Arkansas	.14					.53									.36																	1.03
De Queen	Red	.73															.71						.22	.06						.46			2.18
Dermott[2]	Mississippi																	.85															0.85
Des Arc[2]	White																																....
Devils Knob	Arkansas																																....
Dumas	Mississippi																2.71						T.										2.71
Eagle Gap[2]	Arkansas													T.				T.						.11	.10			.04	T.	T.	T.		0.25
El Dorado	Ouachita	T.																			.48		T.							T.			0.48
Eleven Point[2]	White																																....
England	Arkansas																																....
Eureka Springs	White	.30																	.25						.05	.05							0.65
Evening Shade[2]	White	.13					.92									.30	.09									.32		.32					2.08
Fayetteville	White	.60				T.	1.36									.01			.25				T.	T.	.01								2.23
Fayetteville Exp. S.	White	.30					1.48									.01			.39		T.		T.		T.	T.							2.18
Fordyce	Arkansas		.55														T.						T.										0.55
Forester[2]	Arkansas	T.					T.	.15							.10					.13			.08				.18	.03	T.	T.		T.	0.67
Fort Smith[1]	Arkansas	.01					.08	T.									T.		T.			T.	.02		T.							T.	0.11
Fort Smith W. Plant[2]	Arkansas	.54						.20											.09				T.										0.83
Fulton[2]	Red		T.															.05						.13							T.		0.18
Garland[2]	Red																							.37	T.								....
Georgetowu[2]	White							.44																					T.				0.44
Gilbert[2]	White	.55					.37	.23								.04	T.		.23						.01	T.							1.43
Glenwood[2]	Ouachita																		.40											.52			0.92
Grannis[2]	Red																	.25				T.	.19	.04				1.23			T.		1.71
Gravelly[2]	Arkansas							.04																T.				.19					0.23
Gravette	Arkansas	.10					.62									.04			.18						.02								0.96
Greenbrier[2]	Arkansas						*	.52									*	.23				T.	T.										0.75
Green Forest	White	.32					.21											.13															0.66
Green Mountain	White	T.				.91										T.	.16	T.	.46														1.53
Greenwood[2]	Arkansas	.17	T.				T.												T.				.06										0.23
Harrison	White	.35					.37												.25														0.97
Helena[2]	Mississippi							.20								.20	1.15	.63												.28			2.46
Henderson[2]	White	.21					.54									.17	.20		.40						T.								1.52
Hope[2]	Red		.03					T.										T.				T.		.08							.03		0.14
Horatio[2]	Red																	1.08						.30	.12						.02		1.52
Hot Springs	Ouachita	.26					.02										.45	.21				T.	T.				.57		T.				1.51
Huntsville[2]	White																																....
Huttig Lock 7, Dam 6[2]	Ouachita		.04															T.		.43			T.										0.47
Index[2]	Red																	.40						.40									0.80
Jonesboro[2]	White						.09									.44	.58		.71	.13													1.95
Judsonia[2]	White																																....
Lake City[2]	St. Francis	T.					.08									.32	.68																1.08
Lead Hill	White						.35									.99	.26		.22														1.82
Little Rock[1]	Arkansas	T.				T.	.14										.02						T.						T.	.87			1.03
Lock & Dam No. 3[2]	White	.01					.54	.22								.97	.35		.07	.01							.13						2.30
Lurton[2]	White	1.60	.62			T.		.63											.12				T.										2.97
Lutherville	Arkansas	1.42					.72										.27															.52	2.93
Madison[2]	St. Francis						T.	.15								.30	T.	T.												T.			0.45
Magnolia	Red																			.45			T.							1.00			1.45
Mammoth Spg[2]	White						1.20												1.20						.13	T.							2.53
Marianna[2]	St. Francis															.20	.70													.33			1.23
Marked Tree[2]	St. Francis						.20	.05								.62	.52		.50	T.													1.89
Marshall[2]	White	.55					*	.65								.05		.03	.33						T.	T.							1.61
Marvell[2]	White															.31	.81													.32			1.44
Melbourne[2]	White													*	1.40			.22															1.62
Mena[2]	Ouachita							T.										T.						.14	.07						T.		0.21
Monticello[1]	Ouachita						T.	T.									.02	T.	.13				.01							T.			0.16
Morobay[2]	Ouachita		.28															.09		1.09			T.							T.			1.46
Morrilton[2]	Arkansas		T.				T.	.49									T.										.05						0.54
Mountainburg	Arkansas	.56					.30												.08				T.										0.94
Mountain Home	White						.70								.10	.50		.20	.25														1.75
Mountain View[2]	White	.36				T.	.80									.42	.21	.16	.21						T.								2.16

Daily Precipitation for July, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	.57	....	....	....	....	.03	....	....	....	....	....	....	....	....	....	....	.48	....	....	....	....	.03	....	....	....	....	....	....	.08	....	....	1.19
Mulberry[2]	Arkansas	.79	.22	....	....	....	.10	.20	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	T.	....	....	....	....	....	....	....	....	1.31
Nashville	Red	.94	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	....	....	....	....	T.	.10	T.	....	....	....	....	....	.06	....	....	1.20
Newport[2]	White	....	....	....	....	....	.20	.23	....	....	....	....	....	....	....	.18	.90	....	.05	....	....	....	....	....	....	....	....	....	....	....	....	....	1.56
Nimrod Dam[2]	Arkansas	....	.10	....	....	....	....	.30	....	....	....	....	....	....	....	....	T.	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	0.40
Oark[2]	Arkansas	.90	....	....	....	....	1.40	.25	....	....	....	....	....	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	....	....	....	....	2.75
Odell[2]	Arkansas	.29	....	....	....	.19	....	....	....	....	....	....	....	....	....	....	....	.09	....	....	....	....	.01	....	....	....	....	....	....	....	....	....	0.58
Oden	Ouachita	....	....	....	....	....	.08	....	....	....	....	....	....	....	....	....	....	.08	....	....	....	....	.05	....	....	.60	....	....	....	.15	....	....	0.96
Okay	Red	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	.53	....	....	....	....	....	.14	....	....	....	....	....	....	T.	....	....	1.07
Osceola[2]	Mississippi	T.	....	....	....	.11	.16	.28	....	....	....	....	....	....	.70	....	.12	1.39	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.76
Ozark[2]	Arkansas	2.00	.55	....	....	....	T.	.25	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	2.80
Paragould	St. Francis	....	....	....	....	....	.07	3.10	....	....	....	....	....	....	....	.39	.75	....	.10	....	....	....	....	....	....	....	.25	....	....	....	....	....	4.66
Parkin[2]	St. Francis	....	....	....	....	....	.12	T.	....	....	....	....	....	....	....	.43	.90	....	.11	....	....	....	....	....	....	....	....	....	....	....	....	....	1.56
Parthenon[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville[2]	Arkansas	.12	....	....	....	....	.20	....	....	....	....	....	....	....	....	....	.25	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	0.57
Pine Bluff[2]	Arkansas	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	T.	.05	T.	.28	....	....	....	T.	....	....	....	....	....	....	....	....	0.33
Pine Ridge[2]	Ouachita	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	2.20	....	....	.02	....	....	....	....	....	....	....	....	....	....	2.22
Pocahontas	White	.28	....	....	....	.05	....	....	....	....	....	....	....	....	....	....	....	....	1.55	....	....	....	....	....	....	.15	....	....	....	....	....	....	2.03
Portland[2]	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.05	1.23	....	....	....	....	....	....	....	....	....	....	....	....	....	1.28
Prescott[2]	Ouachita	....	.03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	.25	....	....	....	.05	....	....	....	....	....	....	.21	....	0.54
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Red Star	White	....	.02	....	....	....	....	1.05	....	....	....	....	....	....	....	....	.08	.15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.30
Rogers	White	.51	....	....	....	T.	.29	....	....	....	....	....	....	....	....	.03	....	....	.26	....	....	....	.01	T.	....	....	....	....	....	....	....	....	1.10
Russellville	Arkansas	.15	....	....	....	....	.61	....	....	....	....	....	....	....	....	....	.38	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.14
St. Charles[2]	White	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	T.	.41	.30	T.	....	....	....	T.	....	....	....	....	....	.01	....	....	0.72
St. Francis[2]	St. Francis	.38	....	....	....	....	.13	.10	....	....	....	....	....	....	....	....	....	....	.35	....	....	....	....	....	T.	....	....	....	....	....	....	....	0.96
Searcy[2]	White	....	....	....	....	....	.23	.27	....	....	....	....	....	....	....	.12	.59	....	.19	....	....	....	....	....	....	....	....	....	....	.10	....	....	1.50
Sheridan	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....
Shirley[2]	White	.59	....	....	....	....	.56	.15	....	....	....	....	....	....	....	.17	.50	....	.08	....	....	....	....	....	T.	....	....	....	....	....	....	.09	2.14
Siloam Springs	White	.12	....	....	....	....	.23	....	....	....	....	....	....	....	....	....	....	....	.61	....	....	....	....	.02	T.	....	....	....	....	....	....	....	0.98
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	T.	.02	....	....	....	....	....	....	.50	....	....	0.52
Steve[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	0.00
Story[2]	Ouachita	....	....	....	....	....	....	.11	....	....	....	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	....	....	....	.20	....	....	0.71
Stuttgart[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	.34	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	0.94
Stuttgart Evap[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.23	.19	.37	....	....	....	....	....	....	....	....	....	....	....	....	....	0.79
Subiaco[2]	Arkansas	1.00	....	....	....	....	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.30
Sugar Grove[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Sugar Loaf Mt[2]	White	*	.16	....	....	....	*	.80	....	....	....	....	....	....	....	*	*	.77	.06	....	....	....	....	....	....	....	....	....	....	....	....	....	1.79
Texarkana[3]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	T.	....	....	....	T.	.36	T.	....	....	....	....	....	T.	....	....	0.39
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	.92	....	....	....	....	.51	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.43
Viola[2]	White	.30	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	.65	....	....	....	....	....	.05	....	....	....	....	....	....	....	1.25
Waldron[2]	Arkansas	....	....	....	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	.20	....	....	....	....	....	0.80
Walnut Grove	White	....	....	....	....	....	.46	....	....	....	....	....	....	....	....	.47	.10	....	.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Warren	Ouachita	....	T.	....	....	....	T.	....	....	....	....	....	....	....	....	....	T.	T.	....	.06	....	....	.04	....	....	....	....	....	....	....	....	....	0.10
Whitecliffs[2]	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.49	....	....	....	....	....	.20	T.	....	....	....	....	....	....	....	0.69
White Rock	Arkansas	1.35	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	.19	....	....	....	....	....	....	....	....	....	....	....	....	....	1.54
Wilson[2]	Mississippi	....	....	....	....	....	.20	....	....	....	....	....	....	....	....	.35	.12	....	1.20	....	....	....	....	....	....	....	....	....	....	....	....	....	1.87
Wynne	St. Francis	....	....	....	....	....	.27	....	....	....	....	....	....	....	.45	1.34	....	....	.03	....	....	....	....	....	....	....	....	....	....	.06	....	....	2.15
Yellville[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily Evaporation (inches), and Wind Movement (miles) for July, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.359	.200	.328	.322	.234	.508	.030	.342	.296	.158	.356	.302	.358	.068	.600	.214	.268	.099	.264	.408	.940	.382	.251	.268	.103	.255	.281	.323	.298	.233	.350	9.398
	Wind move	73	25	34	116	30	8	9	22	39	31	26	14	32	8	48	13	9	9	58	42	27	29	36	8	9	25	19	22	21	26	11	879
Hope Exp. Farm	Evap.	.311	.240	.277	.154	*	*	.715	.267	.335	.305	.265	*	*	.815	.309	.352	.253	.334	.432	*	.668	*	.287	.126	.256	.230	*	.592	.319	.239	.345	8.426
	Wind move	43	38	29	12	*	*	67	44	50	13	14	*	*	47	31	45	48	53	71	*	63	*	53	15	18	17	*	34	16	26	25	872
Nimrod Dam	Evap.	.350	.040	.300	.214	.298	.336	.028	.268	.276	.260	.302	.326	.238	.260	.332	.358	.308	.340	.336	.348	.296	.316	.196	.286	.326	.210	.298	.350	.412	.406	.396	9.010
	Wind move	41	10	30	2	32	45	7	24	5	12	16	40	6	17	24	34	21	28	41	18	16	17	23	24	10	5	18	37	20	30	13	666
Norfork Dam	Evap.	.350	.222	.302	.301	.425	.156	.098	.349	.282	.289	.230	.269	.293	.289	.360	.238	.303	.156	.329	.300	.188	.326	.294	.339	.210	.161	.279	.359	.321	.338	.372	8.728
	Wind move	46	18	14	11	53	49	27	10	23	20	15	48	11	12	37	19	14	15	45	6	28	31	32	39	26	17	11	24	27	19	24	771
Russellville	Evap.	.152	.216	.180	.318	.196	....	.168	.272	.264	.192	.252	.278	.218	.232	.264	.266	.270	.274	.288	.278	.280	.190	.228	.316	.214	....	....	....	....	....	....	7.499
	Wind move	7	8	3	14	9	6	12	11	9	6	8	12	4	9	11	7	6	14	19	8	14	9	12	14	11	10	7	8	6	7	9	290
Stuttgart Rice Exp. Farm	Evap.	.271	.225	.272	.213	.219	.210	.078	.162	.264	.216	.218	.226	.246	.241	.266	.244	.182	.169	.201	.253	.121	.378	.168	.202	.192	.253	.236	.247	.173	.367	.279	6.992
	Wind move	55	25	30	10	10	65	20	35	30	10	10	30	10	30	50	50	40	25	20	15	35	40	20	20	15	30	25	15	30	30	30	860

Daily Temperatures for July, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	80	86	85	88	92	90	89	86	85	89	90	94	94	98	100	98	98	91	88	95	93	85	86	90	95	98	101	100	103	105	106	92.8
	Minimum	67	65	60	60	....	68	69	64	56	57	62	63	68	68	75	69	71	74	67	58	71	58	51	59	65	68	69	69	68	67	70	[a]65.2
Arkadelphia /	Maximum	96	96	88	85	89	94	87	92	91	87	90	91	95	95	99	101	100	102	98	92	95	94	73	84	90	97	100	100	102	103	105	93.9
	Minimum	70	70	61	61	60	68	69	61	58	58	60	64	66	67	71	72	71	72	68	57	67	58	52	56	64	67	68	69	71	70	74	65.2
Ashdown /	Maximum	95	97	88	85	89	93	91	96	89	88	89	92	95	96	99	99	99	100	100	92	96	90	69	72	88	94	96	98	101	101	104	92.9
	Minimum	68	69	59	57	59	64	69	63	57	56	55	66	65	64	68	71	70	76	67	57	65	63	58	57	60	67	68	67	69	68	72	64.3
Batesville Air	Maximum	87	87	86	86	85	85	86	83	83	85	89	92	94	97	94	93	92	90	83	89	85	79	81	85	92	95	98	99	101	103	105	90.0
	Minimum	67	58	60	58	62	67	65	62	57	56	60	61	66	71	68	73	68	72	61	57	59	55	49	57	64	68	67	72	72	73	74	63.8
Batesville, Livestk /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bee Branch	Maximum	93	89	88	87	88	84	89	85	85	85	88	92	92	95	96	95	93	91	89	91	90	84	84	88	93	96	99	103	105	104	104	91.8
	Minimum	70	58	59	57	60	66	67	58	56	53	58	58	63	66	72	72	68	73	61	54	63	52	47	55	63	64	64	67	69	70	71	62.4
Benton /	Maximum	91	85	85	85	87	86	88	89	85	85	87	88	89	92	96	97	96	94	96	96	91	91	79	83	88	93	97	97	101	100	103	91.0
	Minimum	68	64	60	58	56	58	55	58	54	58	57	59	60	61	67	70	69	70	63	63	60	51	46	53	61	64	64	64	68	67	69	61.1
Bentonville /	Maximum	91	83	84	86	87	87	88	90	85	90	80	89	90	92	92	95	95	97	85	83	92	84	82	80	82	91	94	97	99	104	105	89.6
	Minimum	66	54	59	58	65	64	62	54	56	54	59	63	65	68	70	71	67	69	54	55	60	52	49	59	61	65	66	67	66	68	67	61.7
Bethesda	Maximum	94	87	88	87	85	88	83	86	83	83	85	89	100	95	97	93	92	92	89	89	88	82	79	80	83	92	95	98	100	101	105	89.9
	Minimum	72	57	56	58	55	66	68	60	57	55	57	58	62	67	69	71	67	72	61	55	64	51	46	53	60	64	65	68	69	68	71	62.0
Blytheville	Maximum	89	87	87	88	87	88	85	83	84	87	90	93	93	95	95	95	94	90	84	84	83	79	82	87	92	95	96	96	97	98	100	89.8
	Minimum	70	63	61	61	63	71	68	63	60	62	64	67	68	70	74	70	71	72	64	60	65	55	51	59	70	73	69	71	71	69	69	65.9
Booneville	Maximum	93	89	89	96	99	90	91	86	88	94	98	98	101	105	107	103	110	103	91	104	97	85	88	94	99	100	104	107	107	108	109	97.8
	Minimum	73	63	57	59	67	68	67	60	54	56	59	72	71	....	70	....	73	77	64	55	....	56	50	63	76	70	76	68	73	73	75	[c]65.9
Brinkley	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Camden	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Conway	Maximum	88	90	88	90	89	84	90	86	86	89	91	95	96	97	101	97	96	92	87	95	90	82	85	91	95	99	100	105	105	106	105	93.2
	Minimum	72	61	62	60	62	68	67	59	57	57	61	62	65	68	73	73	73	75	64	56	69	53	49	56	65	67	75	69	71	72	73	65.0
Corning	Maximum	88	87	82	90	82	88	85	85	85	88	87	93	95	97	98	95	96	92	84	85	82	78	82	87	90	93	95	95	97	99	103	89.8
	Minimum	66	59	62	60	64	70	69	60	66	59	59	62	68	72	71	69	68	71	61	57	62	54	50	58	66	68	68	73	67	70	72	64.5
Crossett	Maximum	93	90	84	88	92	88	90	86	85	87	90	91	93	96	98	96	92	98	....	92	85	73	80	90	96	92	95	96	100	100	100	[a]91.2
	Minimum	69	70	59	55	59	68	73	63	56	59	56	60	60	64	68	72	72	72	....	54	64	55	50	49	67	66	66	65	68	69	70	[a]63.3
Cummins Farm	Maximum	91	87	87	86	93	89	90	86	87	88	89	93	94	97	98	94	93	95	85	89	87	78	80	89	93	91	92	91	101	98	98	90.6
	Minimum	72	68	66	64	62	62	71	63	57	56	60	62	63	66	72	72	70	74	69	59	67	55	56	55	58	65	66	67	74	75	71	65.1
Dardanelle	Maximum	98	89	87	90	97	93	91	89	88	89	92	95	95	100	101	99	101	95	93	97	94	89	91	86	91	99	100	105	106	107	106	95.3
	Minimum	70	63	61	63	64	68	68	61	59	58	64	65	69	71	74	70	75	77	66	57	71	55	62	62	68	71	72	71	75	72	75	67.0
De Queen	Maximum	95	87	82	90	92	88	94	90	89	88	91	94	95	98	98	95	99	96	93	94	91	86	74	88	94	95	97	100	100	100	100	92.7
	Minimum	68	70	61	60	63	64	67	65	58	58	57	68	69	65	67	70	72	72	65	56	66	59	57	59	65	68	69	68	69	70	72	65.1
Des Arc	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Devils Knob	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dumas	Maximum	95	88	87	90	95	88	93	89	89	90	93	97	98	99	100	98	93	84	85	91	88	78	85	92	95	98	99	101	102	102	102	93.0
	Minimum	75	72	63	59	62	71	72	60	57	57	60	61	65	68	....	70	70	75	70	60	67	54	52	55	69	65	67	67	75	75	73	[a]65.5
El Dorado	Maximum	96	87	84	88	95	93	93	87	86	86	91	95	96	99	99	100	100	98	87	92	87	74	80	90	94	96	97	100	102	103	101	92.8
	Minimum	69	69	63	59	59	71	73	66	61	57	59	59	63	67	73	75	73	73	70	58	65	60	53	56	68	69	67	69	71	70	72	65.7
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	85	83	85	84	85	81	84	81	82	84	86	90	93	93	95	94	95	89	83	83	83	79	81	80	91	95	98	100	103	105	106	88.9
	Minimum	68	57	61	62	67	65	66	57	56	57	64	69	72	74	71	72	71	70	57	50	62	51	50	59	65	71	74	72	70	73	78	64.9
Fayetteville	Maximum	84	85	85	86	89	80	85	82	82	84	86	91	92	91	94	93	97	86	82	91	83	79	81	83	91	95	96	99	101	102	103	89.0
	Minimum	67	57	58	58	70	64	65	57	54	55	62	68	71	70	73	71	71	70	57	57	64	57	52	63	68	70	70	68	67	68	70	64.3
Fayetteville Exp. S.	Maximum	87	82	83	84	86	82	81	79	80	84	85	89	92	92	94	94	97	91	81	91	89	77	80	83	91	97	99	100	103	103	103	89.0
	Minimum	68	54	56	56	67	62	61	54	52	53	59	65	67	67	70	69	67	67	57	56	61	52	48	60	65	65	68	65	65	66	67	61.6
Fordyce	Maximum	92	89	91	90	93	87	88	94	89	90	91	95	96	99	101	99	99	99	91	96	95	86	85	93	96	99	99	103	104	106	104	94.8
	Minimum	72	71	63	62	60	72	73	62	59	61	64	68	66	72	71	74	74	76	60	60	57	65	51	55	67	70	68	74	73	73	74	66.7
Fort Smith	Maximum	85	86	87	94	96	84	90	86	85	89	94	95	98	98	101	95	105	93	87	100	90	75	85	91	97	98	100	103	105	106	107	93.7
	Minimum	71	64	63	61	68	69	68	63	60	59	62	68	70	72	71	73	76	73	63	59	63	57	54	64	68	71	72	70	72	71	76	66.8
Gilbert /	Maximum	96	85	89	89	88	90	85	88	86	86	87	89	94	97	97	98	97	97	90	85	91	85	82	86	....	94	104	101	104	105	109	[a]92.5
	Minimum	69	59	60	58	62	65	67	57	56	54	58	60	62	65	68	69	66	71	57	52	58	47	47	53	....	63	64	64	65	65	68	[a]61.0
Grannis /	Maximum	91	94	89	80	88	91	88	93	89	88	90	90	94	95	98	99	100	100	95	92	94	92	67	73	84	94	96	99	98	101	102	91.7
	Minimum	67	60	57	60	65	65	63	57	59	58	59	65	65	72	72	70	71	65	56	65	61	54	57	64	67	68	68	69	69	72	69	64.2
Gravette	Maximum	88	83	84	86	86	85	85	80	81	83	85	90	91	92	94	92	95	93	84	92	90	79	81	81	91	95	97	100	103	104	103	89.5
	Minimum	67	55	59	58	67	65	65	57	53	55	60	65	68	68	69	73	70	69	56	56	62	54	50	61	65	65	66	64	66	66	67	62.6
Green Mountain	Maximum	89	91	90	90	89	90	90	86	89	90	89	89	95	91	93	94	93	91	88	86	78	79	76	79	81	89	82	94	100	104	105	89.4
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	62	69	59	55	55	58	63	65	63	59	79	78	80	....
Harrison	Maximum	86	85	86	86	90	82	86	82	85	85	87	85	96	95	96	93	94	87	83	89	85	85	80	81	91	93	96	98	101	103	103	89.5
	Minimum	68	54	55	56	66	65	65	54	52	50	57	63	64	66	66	69	66	70	56	52	58	45	44	59	63	66	68	65	66	65	65	60.6
Helena	Maximum	93	92	89	91	90	87	90	88	88	88	90	94	96	95	93	92	92	91	90	85	86	83	83	90	94	94	96	99	98	98	98	91.4
	Minimum	74	72	64	62	63	73	68	64	59	59	61	63	66	70	69	69	70	74	69	61	69	60	54	58	69	67	67	72	71	71	71	66.4
Hope /	Maximum	95	97	87	85	92	94	88	95	88	88	92	94	96	97	100	100	99	101	101	93	92	92	73	80	91	97	101	99	104	103	105	94.2
	Minimum	70	71	60	59	60	70	70	65	60	58	59	65	66	68	71	73	72	78	70	56	68	63	53	58	64	68	68	68	71	71	74	66.0
Hot Springs	Maximum	93	90	89	91	93	86	95	91	90	92	92	95	95	97	102	97	99	98	94	94	96	92	87	91	98	100	98	101	100	106	106	95.1
	Minimum	71	66	64	63	67	71	67	62	61	60	67	69	73	73	76	72	72	74	67	61	70	61	54	60	70	72	72	76	80	73	76	68.4
Jonesboro	Maximum	90	85	83	88	86	86	84	83	84	88	88	92	91	96	94	94	94	89	86	83	81	77	80	84	92	94	95	97	97	98	100	89.0
	Minimum	70	64	61	60	63	68	68	61	59	59	60	62	67	73	71	70	70	70	63	59	65	57	52	58	67	70	72	74	71	70	72	65.4
Lead Hill	Maximum	85	88	89	87	92	86	87	85	85	89	92	98	100	100	98	94	93	88	83	91	83	83	83	84	90	100	102	105	106	108	109	92.4
	Minimum	70	52	55	55	66	67	63	51	50	49	55	63	63	67	65	72	67	71	55	53	57	47	44	60	66	64	67	66	65	67	66	60.6
Little Rock	Maximum	86	86	85	87	89	80	89	85	85	87	89	93	94	99	98	94	93	93	86	91	89	77	80	87	93	95	95	100	97	100	103	90.5
	Minimum	73	69	66	64	65	71	70	66	63	61	64	65	69	71	76	75	74	76	66	60	67	60	56	62	70	70	71	73	68	76	75	68.1
Lutherville	Maximum	91	91	87	85	83	87	86	82	82	85	87	91	94	93	94	94	96	90	89	93	89	88	86	88	94	98	100	103	104	105	107	91.7
	Minimum	67	70	60	60	63	64	66	61	59	57	59	65	68	69	70	72	73	73	60	56	67	57	51	60	69	67	68	69	70	69	70	64.8
Magnolia	Maximum	98	87	85	89	95	93	95	88	87	90	94	96	98	101	102	103	103	104	100	94	89	80	82	92	96	99	98	103	104	102	101	95.1
	Minimum	70	71	62	60	59	69	72	66	60	57	60	68	65	70	70	72	73	74	70	57	63	60	55	58	68	69	67	70	71	70	72	66.1
Mammoth Spring	Maximum	89	87	88	85	78	89	85	83	83	85	86	92	93	95	96	93	94	93	82	89	89	88	80	82	88	93	95	95	101	103	105	89.8
	Minimum	70	55	57	56	60	64	65	56	54	53	55	60	63	66	69	65	68	62	57	55	60	51	47	57	61	65	63	65	67	68	68	60.7
Marianna /	Maximum	90	88	86	89	91	92	89	86	87	88	92	93	95	98	94	90	94	92	83	87	85	80	83	89	93	94	96	99	98	96	98	90.8
	Minimum	72	62	59	56	58	56	54	46	51	53	57	59	63	66	70	67	68	75	66	55	64	55	45	53	68	65	64	66	71	72	69	61.5
Marked Tree /	Maximum	94	89	85	85	89	85	87	85	84	85	89	88	93	92	96	93	94	95	90	81	85	81	79	82	87	94	96	97	97	97	100	89.5
	Minimum	70	63	61	60	61	65	67	62	59	58	60	62	62	69	69	69	69	70	65	59	62	56	50	52	62	68	66	71	72	69	68	63.7
Marshall /	Maximum	85	85	87	85	89	89	78	82	80	85	82	90	93	95	96	92	95	85	82	90	86	78	82	84	90	96	99	100	101	104	105	89.4
	Minimum	70	56	57	62	71	67	66	55	53	52	65	70	68	74	67	72	75	72	66	....	....	....	....	....	....	75	79	78	68	78	76	[f]67.7
Mena	Maximum	93	91	85	94	95	88	92	88	89	92	93	96	99	99	102	95	108	94	94	91	100	92	66	80	92	95	96	100	103	105	107	94.0
	Minimum	70	68	58	58	61	69	65	64	57	56	58	64	67	67	70	72	70	75	64	58	71	61	52	56	65	66	68	68	71	70	72	64.9
Monticello	Maximum	92	86	84	88	90	89	92	86	86	89	86	92	95	98	99	94	95	96	83	89	89	75	83	90	94	96	97	100	102	102	100	91.5
	Minimum	73	71	66	60	62	70	72	64	61	62	62	67	65	69	73	74	73	72	65	58	68	56	56	58	74	71	72	71	74	72	73	67.2
Morrilton /	Maximum	96	83	88	87	87	91	79	88	84	85	88	90	93	95	98	100	95	95	94	87	96	89	80	83	88	93	98	99	104	103	105	91.6
	Minimum	72	63	61	62	62	65	67	61	58	57	60	64	62	69	72	70	72	74	65	57	63	59	49	52	64	67	69	70	72	71	74	64.6
Mountain Home	Maximum	83	86	85	86	87	88	86	82	84	85	90	93	95	96	94	92	89	87	80	89	80	78	80	81	86	96	99	97	101	103	105	89.1
	Minimum	69	56	60	58	64	66	67	60	54	51	58	66	65	69	65	70	66	70	60	54	64	51	47	61	64	66	66	68	69	69	72	62.7
Mt. Ida	Maximum	95	82	84	92	93	86	91	90	89	90	89	92	92	101	103	98	103	94	90	97	94	85	84	91	96	98	101	105	105	107	105	94.3
	Minimum	67	65	55	56	60	61	62	55	51	52	58	60	63	63	67	72	70	68	60	50	58	51	48	52	57	64	65	66	70	69	69	60.8
Nashville	Maximum	98	86	84	88	92	88	93	88	87	89	92	95	95	100	100	99	101	101	94	95	93	89	79	89	95	98	98	103	103	104	103	94.2
	Minimum	66	71	60	61	61	....	69	66	59	59	58	61	66	65	68	69	72	71	71	57	66	63	54	58	65	68	70	69	69	69	72	[a]65.1
Newport	Maximum	92	91	89	90	85	86	91	88	87	90	91	94	94	97	96	97	98	94	89	93	85	82	85	89	94	96	99	102	102	103	102	92.6
	Minimum	72	61	63	60	63	62	70	62	58	59	61	62	65	69	72	72	71	73	66	60	66	57	51	56	64	69	67	71	73	72	74	65.2
Nimrod Dam /	Maximum	96	81	87	89	93	96	82	90	87	87	92	93	97	98	102	105	101	103	95	90	99	89	80	89	89	93	97	102	106	107	106	94.2
	Minimum	70	66	58	....	....	59	67	60	58	55	60	70	68	68	72	72	72	74	65	55	70	53	47	57	63	68	70	70	74	70	75	[b]65.0
Oden	Maximum	95	93	89	94	98	89	96	92	92	93	95	96	99	102	104	100	106	96	93	100	94	76	87	94	100	101	101	104	104	106	106	96.6
	Minimum	68	64	55	57	58	70	66	60	53	56	56	62	64	69	75	75	71	69	64	53	62	54	48	57	64	68	66	72	72	68	71	63.5

Daily Temperatures for July, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	97	88	86	91	93	96	96	97	88	90	91	96	98	100	100	98	100	100	98	96	97	88	92	94	96	98	101	104	102	105	104	96.1
	Minimum	70	71	60	61	59	68	62	65	60	60	59	68	70	68	69	69	73	74	69	69	69	63	64	70	63	69	69	69	70	69	75	66.9
Ozark	Maximum	92	85	85	87	95	85	90	86	85	86	89	92	95	95	96	96	98	95	85	95	88	82	82	89	95	98	100	103	105	106	106	92.5
	Minimum	70	62	62	64	67	67	69	60	59	58	63	70	70	72	72	74	74	75	63	58	69	55	52	66	71	71	71	71	71	71	76	66.9
Paragould	Maximum	....	87	84	90	....	88	86	80	83	87	89	94	....	92	93	91	96	89	88	83	81	78	84	87	94	94	94	93	96	95	96	^{c}89.0
	Minimum	....	59	59	57	61	69	59	62	59	56	56	58	....	64	61	69	67	69	62	56	62	53	41	54	63	67	64	....	....	66	66	^{d}60.7
Perryville	Maximum	90	86	87	88	93	84	89	85	85	87	90	95	96	99	102	96	97	95	98	97	90	83	84	89	94	97	100	103	104	106	106	93.4
	Minimum	70	61	57	57	58	65	66	59	55	53	57	58	59	65	71	71	72	72	69	53	68	50	45	56	61	66	65	66	69	66	72	62.3
Pine Bluff	Maximum	89	89	86	90	92	84	92	89	89	90	92	95	97	99	97	96	94	94	87	91	92	79	86	93	97	98	99	103	102	104	104	93.2
	Minimum	75	72	66	63	64	73	72	64	62	62	65	66	68	72	76	75	75	79	71	61	71	60	56	60	72	70	70	74	76	76	76	69.1
Pocahontas	Maximum	96	88	86	89	87	89	88	86	86	88	90	95	95	98	98	96	97	92	90	86	84	82	83	86	92	94	97	97	99	101	104	91.6
	Minimum	68	60	61	59	63	68	69	61	61	60	57	59	64	68	71	69	67	70	62	56	63	55	50	58	65	67	65	69	68	69	71	63.6
Portland	Maximum	93	87	84	87	90	88	91	85	85	88	89	91	95	96	97	92	90	90	82	85	85	82	82	90	92	91	96	98	100	98	97	90.2
	Minimum	73	73	68	62	64	72	75	75	60	60	61	63	64	75	75	78	75	72	70	60	68	59	54	57	70	67	68	69	73	73	72	67.9
Prescott	Maximum	100	90	88	91	96	88	93	88	87	90	94	95	96	102	101	99	102	102	92	97	92	88	81	90	97	98	100	104	103	105	105	95.3
	Minimum	73	71	64	64	64	72	70	66	64	61	64	66	70	70	74	75	75	78	70	61	71	63	55	60	64	71	71	71	75	73	75	68.4
Rogers	Maximum	85	83	85	87	88	82	85	84	81	84	85	90	92	92	93	92	97	85	83	89	80	73	80	80	90	92	97	100	102	103	104	88.5
	Minimum	67	55	59	58	65	63	64	56	55	54	58	63	67	69	70	72	69	69	55	54	60	51	47	60	65	65	67	68	69	70	70	62.4
Russellville	Maximum	97	88	86	87	95	92	90	88	86	88	89	93	95	98	98	98	99	95	90	95	94	87	84	89	95	98	99	103	105	106	105	93.9
	Minimum	70	63	61	62	63	67	68	60	58	58	60	63	68	69	73	74	73	76	64	56	68	54	50	60	68	68	69	72	73	73	74	65.6
St. Charles /	Maximum	92	93	90	87	91	90	87	92	88	90	90	92	93	94	96	96	89	93	92	85	87	88	79	83	91	93	95	95	101	101	100	91.4
	Minimum	74	69	63	61	63	72	71	62	62	59	63	59	65	68	76	74	70	71	68	61	68	51	53	57	70	69	68	71	80	79	77	66.9
Searcy	Maximum	90	90	89	90	90	84	88	86	88	89	92	95	97	100	97	96	93	94	85	89	89	82	85	90	96	98	100	105	101	103	104	92.7
	Minimum	72	63	63	60	64	68	69	62	60	58	61	61	65	69	72	72	73	77	67	58	70	56	52	58	66	70	67	70	70	74	75	65.9
Sheridan	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Siloam Springs	Maximum	83	84	83	86	88	84	86	81	82	85	87	91	92	92	95	97	97	95	82	93	82	78	80	82	91	95	97	100	102	104	103	89.6
	Minimum	62	54	58	56	66	65	63	55	52	55	54	60	65	69	63	76	70	66	55	56	59	60	47	62	61	64	67	67	66	66	67	61.5
Stuttgart	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart Evap. /	Maximum	92	90	86	85	88	91	88	89	85	85	88	89	93	94	97	97	90	92	92	83	86	86	77	83	89	92	93	95	100	101	99	90.2
	Minimum	74	69	64	62	63	70	69	64	58	58	62	63	65	68	73	73	70	75	68	60	69	59	54	57	63	67	68	71	73	76	72	66.4
Subiaco	Maximum	85	88	88	94	94	86	85	82	84	86	90	94	96	97	98	96	101	92	88	93	93	82	84	92	96	97	101	101	106	106	108	93.0
	Minimum	68	69	69	62	60	65	69	61	58	60	61	65	69	73	73	79	74	68	65	57	70	57	52	62	69	71	72	72	74	72	75	66.8
Texarkana	Maximum	96	89	86	91	93	91	95	89	88	89	91	94	97	98	98	98	101	98	91	97	91	74	78	89	95	96	98	102	100	104	103	93.5
	Minimum	72	70	64	63	66	70	73	69	64	64	63	72	68	71	74	74	75	79	72	62	70	59	60	59	66	71	72	72	72	73	76	68.9
Turnpike	Maximum	83	79	80	78	82	78	82	80	77	78	80	85	86	87	87	88	88	83	76	83	81	77	85	81	87	91	93	95	93	98	99	84.5
	Minimum	65	61	66	66	64	62	64	58	60	61	64	67	69	70	69	71	71	69	59	62	63	60	53	61	67	69	71	75	78	71	76	65.9
Waldron	Maximum	92	90	87	93	97	91	92	87	88	91	94	97	100	100	103	100	107	94	90	102	94	85	85	94	97	100	103	104	106	107	107	96.0
	Minimum	70	60	56	56	61	65	66	58	53	55	57	63	67	66	67	71	70	72	60	54	70	53	49	61	61	66	68	68	70	69	71	63.0
Warren	Maximum	93	91	89	84	84	86	92	90	84	86	90	91	95	98	99	98	95	97	87	91	89	83	84	91	96	96	98	100	102	104	102	92.9
	Minimum	74	74	72	60	63	63	73	64	61	64	61	62	65	69	75	79	76	78	71	59	69	59	52	56	71	70	69	71	77	74	76	68.0
White Rock	Maximum	77	79	78	79	85	77	81	77	78	80	82	85	87	87	88	90	92	87	79	86	85	79	76	81	89	90	94	97	99	101	101	85.4
	Minimum	64	63	64	72	66	62	66	59	60	61	63	67	68	70	74	74	73	67	60	63	65	60	55	61	67	69	70	72	74	74	78	66.5
Wilson	Maximum	90	87	85	88	85	88	86	86	85	87	90	94	92	95	93	91	94	92	85	88	81	78	81	86	92	95	95	97	96	96	98	89.5
	Minimum	70	63	60	60	62	71	67	61	56	58	63	65	67	71	72	72	72	70	64	58	65	56	50	57	63	69	70	72	70	67	69	64.8
Wynne /	Maximum	89	87	85	90	87	83	85	84	85	87	90	92	95	91	93	95	91	92	85	84	82	79	80	87	93	94	96	98	98	98	100	89.5
	Minimum	71	63	63	61	71	67	69	64	57	58	63	67	69	70	68	71	74	75	66	59	68	58	55	57	69	71	68	73	75	74	73	66.7

Daily River Stages for July, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	12.4	12.7	12.7	12.3	11.7	11.5	9.9	9.9	9.7	9.3	8.8	8.0	7.8	7.4	6.7	6.3	6.6	6.5	6.3	6.2	6.0	5.4	5.2	5.3	5.4	5.7	6.1	6.9	6.4	6.8	6.7
Van Buren	do	22	12.8	13.3	13.2	12.7	12.3	11.9	10.3	10.1	10.0	9.7	9.0	8.3	7.9	7.6	6.9	6.4	6.7	6.7	6.3	6.2	6.2	5.5	5.4	5.5	5.6	5.8	6.2	7.0	6.5	7.0	6.8
Danville	Petit Jeau	20	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Ozark	Arkansas	22	10.1	8.8	9.0	8.4	8.4	7.4	7.2	6.2	6.1	5.6	5.4	4.7	4.1	3.8	3.5	3.1	2.8	3.0	2.8	2.8	2.7	2.6	2.0	2.0	2.1	2.1	2.2	2.6	2.9	2.9	3.0
Dardanelle	do	22	11.7	11.7	11.0	10.9	10.5	10.1	9.4	8.7	7.7	7.8	7.4	7.0	6.3	5.8	5.5	5.1	4.6	4.3	4.5	4.3	4.2	4.1	4.0	3.4	3.3	3.4	3.5	3.8	4.1	4.6	4.4
Morrilton	do	20	7.4	6.8	5.9	6.0	5.7	5.3	4.6	4.2	2.8	2.7	2.4	2.0	1.4	0.8	0.3	-0.1	-0.4	-0.9	-1.1	-0.9	-1.1	-1.2	-1.4	-1.6	-2.0	-2.1	-1.9	-1.8	-1.6	-1.2	-1.1
Little Rock	do	23	9.5	8.6	8.4	7.9	7.8	7.5	7.2	6.7	6.2	5.5	5.4	5.2	4.9	4.5	4.1	3.8	3.6	3.3	3.0	3.0	3.0	2.9	2.8	2.7	2.5	2.4	2.3	2.4	2.4	2.6	2.9
Pine Bluff	do	25	12.3	11.9	11.2	10.8	10.5	10.3	10.1	9.2	9.0	8.3	7.9	7.6	7.2	6.9	6.4	5.9	5.6	5.3	4.9	4.5	4.5	4.4	4.2	4.1	3.9	3.6	3.4	3.4	3.4	3.5	5.8
Gilbert	Buffalo	30	4.4	5.1	4.7	4.4	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4
Black Rock	Black	14	5.2	4.9	4.7	5.0	5.1	5.0	5.0	4.9	5.2	5.5	5.5	5.5	5.4	5.4	5.2	4.8	4.3	3.9	3.6	3.3	3.1	2.9	2.8	2.6	2.6	2.6	2.5	2.4	2.4	2.3	2.3
Forsyth, Mo.	White	30	4.5	4.4	1.6	2.1	2.9	1.6	1.9	1.6	5.0	4.0	2.1	1.0	1.0	2.4	1.0	1.2	1.0	0.9	1.2	4.5	1.3	3.1	0.9	0.9	0.8	0.8	2.8	0.7	0.7	0.9	0.9
Cotter	do	21	4.7	4.4	4.0	4.0	3.6	3.5	3.8	3.6	3.6	4.1	4.2	4.2	4.1	2.1	2.1	2.9	2.9	2.4	2.3	1.9	1.9	3.8	2.7	2.7	2.6	2.1	1.9	1.8	1.9	1.5	1.5
Calico Rock	do	18	4.3	3.5	4.2	3.6	2.8	2.8	2.5	3.0	2.9	4.0	3.2	3.1	2.8	2.4	2.1	2.4	2.5	2.2	2.1	2.2	2.0	2.4	2.7	2.3	2.5	2.0	2.2	2.0	2.0	2.0	1.6
Lock 3	do	..	9.8	9.5	9.4	9.3	8.5	8.5	7.6	8.2	8.0	8.5	8.9	9.0	8.9	7.7	7.7	7.5	8.1	7.7	7.4	7.2	6.9	7.1	8.0	7.8	7.7	7.5	7.4	6.9	7.2	6.9	6.9
Batesville	do	23	9.7	9.4	8.9	9.0	8.4	8.0	7.4	7.4	7.8	7.8	8.1	8.1	8.5	8.3	7.2	6.9	7.2	7.2	7.0	6.8	6.8	6.3	7.1	7.2	7.2	7.0	6.9	6.8	6.3	6.6	6.6
Newport	do	26	6.0	6.6	6.2	6.1	5.8	5.3	5.2	4.7	4.7	4.6	4.9	5.3	5.5	5.4	4.6	4.3	4.0	4.2	3.8	3.3	3.1	3.0	2.6	3.1	2.9	2.9	2.8	2.7	2.4	2.1	2.1
Augusta	do	32	18.3	18.4	18.6	18.4	18.2	18.0	17.5	17.2	16.6	16.6	16.5	16.9	17.3	17.4	17.2	16.6	16.3	15.9	15.8	15.5	15.1	14.6	14.1	13.9	14.3	14.3	14.3	14.2	14.0	13.5	13.3
Sugar Loaf Mt.	Little Red	..	3.8	3.7	3.6	3.5	3.5	3.5	3.5	3.4	3.3	3.3	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5
Georgetown	White	21	7.8	7.8	8.0	8.0	7.8	7.6	7.4	7.0	6.6	6.3	6.1	6.2	6.5	6.7	6.8	6.5	6.1	5.7	5.5	5.3	5.1	4.8	4.4	4.0	3.7	3.7	3.8	3.8	3.7	3.5	3.2
Des Arc	do	24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Clarendon	do	26	15.4	15.4	15.4	15.4	15.5	15.4	15.4	15.2	15.1	14.8	14.5	14.3	14.2	14.1	14.2	14.3	14.4	14.1	13.7	13.4	13.0	12.6	12.2	11.7	11.2	10.9	10.8	10.8	10.7	10.6	10.5
St. Charles	do	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Glenwood	Caddo	..	4.4	5.0	4.7	4.5	4.5	4.7	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.6	4.6	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3
Arkadelphia	Ouachita	17	3.3	3.5	3.6	3.3	3.4	3.4	3.4	3.3	3.2	3.2	3.1	3.1	3.5	3.3	5.0	4.9	4.9	3.8	3.4	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.1	3.0	3.1	3.3	3.4
Boughton	Little Mo.	20	4.3	5.3	4.4	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Camden	Ouachita	26	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Benton	Saline	20	3.9	3.8	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.4
Index	Red	25	13.4	13.1	12.8	12.5	10.6	9.2	8.8	9.0	9.0	9.0	9.0	9.0	8.7	8.8	8.8	8.8	8.8	8.8	8.7	8.7	7.6	7.6	8.2	8.2	8.2	7.8	7.6	7.6	7.6	7.8	7.8
Fulton	do	25	14.6	13.8	13.8	13.5	12.0	10.4	9.6	9.4	9.6	9.6	9.5	9.4	9.4	9.3	9.2	9.2	9.2	9.2	9.1	8.8	8.6	8.5	8.5	8.5	8.5	7.6	7.9	8.0	8.1	8.2	8.1
St. Francis	do	18	15.4	16.1	16.7	17.2	17.7	18.3	18.7	18.9	18.8	18.6	18.1	17.4	16.5	15.3	13.9	12.1	10.0	7.8	6.1	4.9	4.9	6.4	7.0	6.4	5.3	4.3	3.7	3.6	4.8	6.1	5.9
St. Francis L.L.	do	..	21.2	21.4	21.5	21.5	21.5	21.4	21.4	21.4	21.4	21.5	21.6	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.6	21.6	21.4	21.3	21.0	20.7	20.4	20.0	19.7	19.4	19.2	19.0	18.9
Marked Tree	do	17	7.8	7.6	7.5	7.4	7.4	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.0	7.0	6.9	6.7	6.6	6.5	6.4	6.3	6.1	6.3
Parkin	do	28	13.9	13.3	12.8	12.4	12.1	11.9	11.9	11.9	11.9	12.0	12.1	12.1	12.1	12.0	12.0	11.9	11.8	11.5	11.1	10.7	10.1	9.6	9.1	8.8	8.5	8.1	7.7	7.4	7.0	6.7	6.4
Madison	do	32	19.6	19.2	18.8	18.5	18.3	18.2	18.2	18.4	18.6	18.6	18.8	18.9	18.8	18.6	18.5	18.3	17.7	16.5	16.1	15.0	14.6	12.3	11.1	10.1	9.6	8.7	8.1	7.5	6.7	6.1	5.2
Helena	Mississippi	44	37.3	37.0	36.8	36.7	36.5	36.6	36.8	37.1	37.3	37.5	37.6	37.5	37.4	37.1	36.7	36.3	35.5	34.5	33.1	31.3	29.0	26.8	25.0	23.5	22.2	20.9	19.7	18.5	17.4	16.4	15.0
Arkansas City	do	42	32.9	32.7	32.5	32.3	32.1	31.9	31.9	31.9	32.0	32.0	32.1	32.1	32.0	31.9	31.7	31.5	31.2	30.6	29.9	28.9	27.6	25.9	24.2	22.6	21.2	20.0	18.8	17.7	16.6	15.6	14.4

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2] Measured in the morning for the preceding 24 hours. [3] Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord: White Rock, Route 2, Winslow.

W.B.R.P.O., Fort Worth, Texas. 9-24-1947-1225

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CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

VOL. LII LITTLE ROCK, ARK., AUGUST, 1947 No. 8

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

August weather over Arkansas was dominated by high pressure systems centered over the eastern States. These HIGHS were relatively weak, but strong enough to maintain southerly to southwesterly winds over the State.

The southerly winds were dry and hot, having passed over the plains and mesas of the Southwest. This resulted in the fourth hottest August of record, and also a relatively dry one. In fact, portions of the State suffered from a severe drought.

Several weak cold fronts, associated with LOWS moving eastward over the Great Lakes, passed over the State from the 7th to the 20th. Widely scattered light showers occurred with the passage of these fronts, but were mostly too light to be of material value to crops and pastures.

A LOW moved into the western portion of the State on the 26th-27th, from the Texas Gulf Coast. This LOW brought drought-breaking rains for that portion of the State from Texarkana to Mena(See Flood below).

All crops suffered during the month, both from lack of rain and continuous hot weather. The average of all the stations in the State shows that temperatures of 90°, or higher, occurred on 30 days of the 31. Even cotton, which usually thrives with hot weather, suffered, and yield prospects reduced considerably. Most corn was "made", except for late plantings, before the drought set in.

TEMPERATURE

The mean temperature for the month was 84.5°, 4.3° above the 57-year average. Prescott reported the highest mean of the month with 87.8. Hot Springs was second with 87.4°. Every station in the State reported means well above the 57-year average. Harrison reported the lowest mean with 81.7°, which was 3.9° above their average.

The highest temperature of the month was 111°, reported by Conway on the 31st. This is not a record for either the State, or Conway. Conway's record high was 115° on August 10, 1936, and the State's record high was 120°, reported by Ozark on the same date. The lowest temperature of the month was 56° at Perryville on the 16th.

PRECIPITATION

The average precipitation for the State was 2.20 inches, 1.33 inches below the 57-year average. The average has been lower than this on ten occasions, but at the same time, it does not give a true picture of the drought situation. A good example is the average precipitation for all stations north of the Arkansas River was 1.15 inches, just 2.90 inches below the average for that section.

For a more complete picture of the drought over the State (except the southwest), the individual monthly rainfall totals ranged from .16 at Mountainburg, .17 at Blytheville and Conway, to 11.53 inches at Grannis in the southwest. These high totals in the southwest run the State average out of proportion to the true picture.

Grannis reported the greatest 24 hour fall with 10.03 inches on the 28th. This fall actually occurred in a period of 11 hours from 7 pm of the 27th to 6 am the next morning. De Queen reported 6.71 inches on the 28th.

Summary Continued on Page 46

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	7	2	1	1	2	8	25	4	..	5	24	17	19	43	47	39	26	5	13	13	4	1	16	35	29	34	29	21	12	2	8
High Winds	1	..	..	4	2	..	4	..	..	..	1	..	1	3	4	2	1	..	1	1	..	..	1	4	..	3	2	1	..	..	1
Heavy Fog	..	..	..	..	..	..	..	..	1	1	..	1	..	..	1	4	7	8	1	3	..	1	1	2	4	7	2	..	..	2	1
Sleet	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hail	..	..	..	..	..	1	2	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.15	18	29.74	10	6.3	32	ne.	11	82	41	42	77	0
Little Rock	30.19	18	29.81	6	6.5	25	s.	14	86	52	54	77	0
Memphis ..	30.19	18	29.81	6	6.3	34	nw.	7	88	49	60	85	0
Texarkana	30.21	4	29.77	9	....	40	ne.	17	84	45	46	..	0

COMPARATIVE DATA FOR AUGUST

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	76.4	108	39	2.75	0	5	21	8	2
1892	78.3	106	47	4.39	0	9	13	11	7
1893	77.3	102	48	3.08	0	5	18	9	4
1894	78.1	104	48	4.63	0	8	12	11	8
1895	79.4	102	55	2.64	0	4	18	9	4
1896	82.6	112	48	2.32	0	5	17	9	5
1897	79.6	111	45	2.59	0	5	17	10	4
1898	79.4	108	54	4.35	0	7	13	13	5
1899	82.2	112	54	2.04	0	4	19	9	3
1900	81.1	108	57	2.95	0	5	16	12	3
1901	80.5	109	52	2.95	0	6	14	13	4
1902	80.7	108	51	2.55	0	4	19	9	3
1903	78.7	105	47	4.34	0	8	15	12	4
1904	78.1	105	46	2.81	0	6	16	12	3
1905	79.1	103	51	3.73	0	6	18	10	3
1906	77.9	100	42	4.92	0	10	14	10	7
1907	82.0	113	54	2.92	0	6	16	10	5
1908	79.3	103	52	4.48	0	8	15	10	6
1909	82.4	111	47	1.27	0	4	20	8	3
1910	79.2	104	43	3.92	0	8	13	12	6
1911	78.0	107	45	8.19	0	12	11	11	9
1912	78.7	105	45	3.30	0	7	15	10	6
1913	82.1	107	46	1.62	0	3	20	10	1
1914	78.5	104	57	6.81	0	12	8	11	12
1915	74.7	102	40	10.44	0	11	9	9	13
1916	81.8	107	46	2.63	0	5	17	9	5
1917	77.1	104	43	4.10	0	8	16	7	8
1918	82.6	115	52	3.90	0	7	15	9	7
1919	80.6	113	55	4.29	0	7	16	8	7
1920	76.8	102	46	4.08	0	8	13	9	9
1921	81.5	106	56	5.46	0	8	15	9	7
1922	80.4	111	51	1.90	0	5	18	8	5
1923	81.9	109	49	2.43	0	4	18	8	5
1924	82.2	108	43	2.40	0	5	20	8	3
1925	89.3	108	47	1.81	0	4	22	7	2
1926	80.7	110	47	5.50	0	10	14	10	7
1927	76.6	105	48	6.01	0	10	12	10	9
1928	81.3	105	51	4.62	0	7	17	8	6
1929	80.8	110	41	1.29	0	3	22	7	2
1930	81.8	114	46	2.53	0	5	17	10	4
1931	76.7	103	42	4.71	0	9	15	9	7
1932	81.5	104	47	1.78	0	5	19	10	2
1933	79.1	101	49	4.42	0	8	12	11	8
1934	84.8	116	48	2.75	0	6	15	11	5
1935	82.0	113	46	1.74	0	4	18	9	4
1936	85.0	120	43	0.44	0	2	19	10	2
1937	82.3	111	55	3.45	0	7	15	10	6
1938	83.2	109	54	2.26	0	5	18	9	4
1939	80.2	107	49	2.50	0	6	16	11	4
1940	77.7	104	45	4.96	0	9	14	10	7
1941	80.7	107	50	3.94	0	9	12	13	6
1942	78.8	106	53	5.96	0	9	11	12	8
1943	84.6	113	48	1.03	0	3	21	8	2
1944	80.0	104	50	4.90	0	9	12	11	8
1945	78.9	104	48	3.16	0	6	15	10	6
1946	79.0	109	43	1.87	0	4	15	10	6
1947	84.5	111	56	2.20	0	4	..	..	..
1948									
Period	80.2	120	39	3.53	0	6	..	..	..

Climatological Data for August, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	10	[a]84.8	+5.0	106	1†	68	1†	0.58	−3.70	0.25	15	0	3					L. R. Water Works
Arkadelphia	Clark	200	51	85.4	+4.4	109	8	67	2	4.67	+1.02	3.23	29	0	5					W. H. Halliburton
Ashdown	Little River	329	3	83.6	......	107	9†	65	25	2.97	......	2.59	28	0	6					Southwestern G. & E.
Batesville Airway	Independence	363	11	85.4	+6.1	106	4†	68	21†	0.62	......	0.22	14	0	7					Airway Observer
Batesville Livestk.	Independence	500	6	84.4	......	107	6†	63	29	1.00	......	1.00	12	0	1					University of Arkansas
Bee Branch	Van Buren	650	54	84.5	+4.5	110	31	65	29	0.22	−3.45	0.22	19	0	1					Minnie Scanlan
Benton	Saline	285	11	83.2	+3.3	107	8	63	2	0.64	......	0.28	29	0	3					Mrs. Etta C. Burks
Bentonville	Benton	1295	41	[a]82.6	+4.7	105	10	64	18	....	......	....	......	......	....					E. L. Brown
Bethesda ***	Independence	500	7	83.9	......	105	5†	63	29	0.53	......	0.53	12	0	1					Soil Cons. Service
Black Rock	Lawrence	259	45	....	......	......	......	......	......	0.42	−3.69	0.26	8	0	2					J. H. Ragan
Blytheville	Mississippi	252	21	85.5	+5.3	105	4†	70	25	0.17	−3.74	0.10	28	0	3					R. E. Blaylock
Booneville 3 miles w	Logan	465	32	87.2	+4.8	109	6†	69	2†	0.72	−2.91	0.17	29	0	7					F. H. Randolph
Brinkley	Monroe	205	55	84.6	+4.2	105	4†	67	25	1.90	−1.42	1.84	16	0	3					Robert L. Glover
Camden	Ouachita	116	61	84.8	+4.0	107	7†	67	2	4.42	+1.60	2.00	12	0	3					J. M. Knight
Camp Chaffee ‡	Sebastian	419	3	86.4	......	106	6†	67	23	0.71	......	0.30	28	0	6					U. S. Army
Clarendon	Monroe	172	42	....	......	......	......	......	......	1.02	−2.42	0.75	24	0	6					B. F. Northern
Conway	Faulkner	309	63	86.5	+4.7	111	31	68	2†	0.17	−3.13	0.14	12	0	3					G. Y. Short
Corning	Clay	293	53	84.9	+6.3	105	4†	69	26	1.83	−1.76	1.07	26	0	4					Mrs. Laura Polk
Cotter	Baxter	440	19	....	......	......	......	......	......	1.36	−2.12	1.03	27	0	4					O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	83.4	+1.8	104	6†	65	1	2.32	−0.89	1.73	14	0	6					U. S. Forest Service
Cummins Farm ***	Lincoln	176	3	83.4	......	104	7	68	25†	1.00	......	0.40	11	0	2					T. C. Cogbill
Danville	Yell	327	30	....	......	......	......	......	......	1.68	−1.52	0.65	17	0	6					J. A. Moudy
Dardanelle	Yell	330	60	86.8	+5.7	108	4	70	17†	0.85	−2.69	0.66	17	0	5					Geo. N. Goodier
DeQueen	Sevier	426	11	83.4	+1.6	107	8	66	28	7.43	+3.55	6.71	28	0	4					L. D. McCown
Des Arc	Prairie	204	8	[a]84.5	......	101	6†	68	29†	0.20	......	0.20	8	0	1					Z. R. Glenn
Devils Knob ***	Johnson	2350	10	82.8	......	101	9	66	14	1.49	......	0.67	14	0	3					U. S. Forest Service
Dumas	Desha	162	41	[a]85.5	+3.5	105	6†	69	1†	0.64	−2.63	0.26	11	0	5					Ben Johnson
El Dorado	Union	270	46	83.4	+1.1	106	7	67	1†	3.36	+0.07	2.18	15	0	5					Airway Observer
England	Lonoke	229	40	....	......	......	......	......	......	....	......	....	......	......	....					Joseph M. Dolan
Eureka Springs	Carroll	1465	46	84.8	+6.0	105	9	66	21†	2.93	−1.76	1.85	26	0	7					Geo. W. Nichoalds
Fayetteville	Washington	1334	9	84.4	......	104	9	67	8†	1.33	......	0.71	26	0	4					Charles F. Ford
Fayetteville Exp.	Washington	1451	59	82.8	+4.2	105	9	63	8	0.90	−3.06	0.67	24	0	3					University of Arkansas
Fordyce	Dallas	280	6	85.4	+4.3	108	7	68	22	2.18	−2.15	0.70	28	0	6					Ark. Forestry Com.
Fort Smith	Crawford	448	65	86.4	+5.9	108	9	69	23	1.38	−1.90	0.57	28	0	7					U. S. Weather Bureau
Fulton	Hempstead	260	61	....	......	......	......	......	......	6.85	+4.03	3.35	28	0	6					Ina J. Logan
Georgetown, 2 mi. se	White	200	34	....	......	......	......	......	......	0.69	−2.75	0.24	13	0	5					J. S. McDonald
Gilbert	Searcy	600	21	83.5	......	109	1	62	21	1.87	−2.11	1.30	27	0	5					D. O. Dennis
Grannis	Polk	950	27	81.8	+2.1	107	9	66	24†	11.53	+8.22	10.03	28	0	4					W. E. McVay
Gravette	Benton	1250	49	83.2	+5.1	106	9	65	3†	1.82	−2.20	0.52	26	0	7					J. A. Schmidt
Green Mountain ***	Stone	1100	9	85.1	......	104	6	68	13†	1.85	......	0.80	27	0	4					U. S. Forest Service
Harrison	Boone	1052	46	81.7	+3.9	104	1†	61	22	2.70	−0.87	0.81	7	0	7					R. C. Beene
Helena	Phillips	300	74	84.4	+3.7	102	4	70	15	2.19	−1.37	0.97	16	0	7					James A. Burnett
Hope 3 miles e	Hempstead	375	76	84.8	+2.9	108	10	68	12†	10.41	+7.13	4.60	28	0	6					Univ. of Arkansas
Hot Springs	Garland	600	54	87.4	+5.7	109	9	70	17†	1.24	−2.46	0.74	28	0	3					National Park Service
Jonesboro	Craighead	345	51	84.6	+4.3	104	4	69	11†	0.90	−2.56	0.60	25	0	5					Benedictine Sisters
Lead Hill	Boone	650	40	84.8	+5.7	109	6	63	22	1.14	−2.73	0.79	24	0	2					F. W. Kellogg
Little Rock[a]	Pulaski	257	67	85.0	+5.2	103	7	71	17	1.09	−2.66	0.60	14	0	6					U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	48	84.8	+4.8	108	8	67	17	1.88	−1.93	0.73	16	0	5					Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	....	......	......	......	......	......	2.70	−0.63	0.90	25	0	4					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	84.6	+2.0	108	7†	68	2	3.24	+0.57	1.62	15	0	5					State Agri. School
Mammoth Spring	Fulton	600	42	82.6	+4.5	104	4†	65	6†	1.14	−2.88	0.47	28	0	5					L. A. O'Neal
Marianna	Lee	235	35	83.4	+2.9	103	5†	68	2†	1.26	−1.65	1.12	15	0	2					Univ. of Arkansas
Marked Tree	Poinsett	229	42	84.6	+5.0	105	5	67	25	0.77	−2.77	0.69	25	0	3					Chas. Walton
Marshall	Searcy	1050	28	83.8	+5.4	105	4	64	23	0.75	......	0.30	7	0	9					Mrs. Minnie Horton
Mena	Polk	1207	58	84.4	+4.2	108	10	67	19†	7.19	+2.92	4.78	28	0	6					E. W. St. John
Monticello	Drew	273	6	84.9	......	105	7	69	26†	0.44	......	0.14	29	0	6					Airway Observer
Morrilton ***	Conway	315	30	85.6	+3.9	106	6	67	19	0.64	−2.28	0.64	27	0	1					L. A. Dicus
Mountainburg	Crawford	712	9	....	......	......	......	......	......	0.16	......	0.13	17	0	2					C. A Lovell
Mountain Home ***	Baxter	800	34	83.5	+4.8	104	1†	65	21†	1.05	−2.78	0.85	27	0	2					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	83.6	+4.0	109	8†	63	24	4.59	+1.10	2.04	29	0	6					J. S. Whittington
Nashville	Howard	350	8	84.4	......	107	7†	67	6†	6.89	......	6.01	28	0	4					Brice Carruth
Newport	Jackson	231	63	86.2	+5.7	107	31	69	29	0.62	−2.85	0.40	27	0	4					Willis T. Moyer
Nimrod Dam	Perry	475	5	84.8	......	107	10	57	22	2.28	......	1.77	17	0	4					U. S. Engineers
Oden, 2 mi. w	Montgomery	800	19	84.2	......	106	9	64	2†	4.42	+1.12	2.75	29	0	4					U. S. Forest Service
Okay	Howard	288	18	84.4	+1.6	108	7†	68	6†	6.19	+3.40	4.15	28	0	4					J. T. Hargis
Osceola	Mississippi	250	46	....	......	......	......	......	......	3.05	−0.20	1.72	24	0	3					C. E. Carter
Ozark	Franklin	396	51	86.4	+4.3	108	9	70	23	....	......	....	......	......	....					Orkney O. Milton
Paragould	Greene	275	23	[b]82.6	......	104	4†	60	20	0.59	−3.28	0.25	16	0	5					Jene J. Coffman
Parkin, 2 mi. w	Cross	222	16	....	......	......	......	......	......	2.21	−0.94	1.53	16	0	5					Carroll King
Perryville	Perry	325	7	83.6	+4.0	107	4†	56	16	1.24	−2.81	0.82	7	0	2					Gordon Bennett
Pine Bluff	Jefferson	215	59	86.8	+4.7	108	7	70	17	0.57	−2.31	0.35	30	0	6					Mary T. Scheu
Pine Ridge	Montgomery	840	22	....	......	......	......	......	......	7.04	+4.13	2.01	28	0	7					J. R. Huddleston
Pocahontas	Randolph	300	53	85.2	+5.2	106	7	67	28†	0.96	−3.43	0.37	12	0	8					Benedictine Sisters
Portland	Ashley	122	40	84.3	+2.9	104	7	68	1	0.44	−2.79	0.29	15	0	2					Mrs. Pearl Newton
Prescott	Nevada	318	58	87.8	+5.7	108	7†	71	13	6.97	+3.81	3.50	29	0	4					R. P. Hamby
Rogers	Benton	1300	56	83.6	+5.8	105	9	66	22†	2.45	−1.32	1.01	20	0	6					Howard Fowler
Russellville	Pope	526	34	86.6	+6.2	109	31	69	5†	0.62	−2.93	0.30	17	0	3					U. S. Forest Service
St. Charles	Arkansas	175	13	85.3	......	105	8	68	2	0.88	......	0.60	16	0	3					U. S. Biological Survey
St. Francis	Clay	290	19	....	......	......	......	......	......	1.98	−1.99	1.38	16	0	4					Wm. S. Buckley
Searcy	White	245	36	86.2	+5.5	108	4	69	29†	1.17	−2.43	0.46	25	0	6					Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	6	84.3	......	105	7	68	2†	1.34	......	0.40	29	0	7					Ark. Forestry Com.
Siloam Springs	Benton	1150	6	83.8	......	105	9	65	7	1.13	......	0.93	26	0	6					John Brown Univ.
Story	Montgomery	650	22	....	......	......	......	......	......	2.49	−0.53	....	......	0	3					S. C. Story
Stuttgart	Arkansas	214	59	83.3	+2.4	104	7	71	2†	1.69	−1.77	1.20	24	0	5					George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	11	83.8	+2.8	104	8	69	2†	0.67	−1.42	0.30	16	0	5					University of Ark.
Subiaco	Logan	750	48	85.3	+3.2	106	2†	69	14†	2.54	−1.03	0.70	14	0	5					New Subiaco Abbey
Texarkana	Miller	332	62	85.1	+2.8	106	9	69	28	3.11	−0.26	1.41	17	0	5					U. S. Weather Bureau
Turnpike ***	Pope	2240	22	82.2	......	99	9	65	16	2.57	−1.52	2.43	16	0	2					U. S Forest Service
Waldron	Scott	675	27	84.6	......	109	9	64	23	2.65	−0.41	1.25	28	0	5					William D Bivens
Warren	Bradley	206	52	85.8	+3.9	106	7	70	15	1.63	−1.78	0.95	15	0	7					C. N Turner
White Rock ***	Franklin	2285	10	82.2	......	103	9	68	17†	0.49	......	0.30	25	0	3					U. S. Forest Service
Wilson	Mississippi	237	21	....	......	......	......	......	......	....	......	....	......	......	....					D. O. Anderson
Wynne	Cross	167	38	84.4	+4.3	103	4†	69	24†	1.34	−2.41	0.75	24	0	8					Guy B. Upton
State Means		....	..	84.5	+4.3	111	31	56	16	2.20	−1.33	10.03	28	0	4					

Daily Precipitation for August, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott [2]	Arkansas	T.						T.					.03	T.		.14	.27	T.									.31	*	.54				1.29
Alum Fork Reser.	Arkansas						T.						T.		.10	.25	T.											.23					0.58
Aplin [2]	Arkansas												T.	T.	T.	T.	T.	2.33	.54	.02						.14	T.		.30	T.			3.33
Arkadelphia [2]	Ouachita												.04						.10						T.				.68	3.23	.62		4.67
Arkansas City [2]	Mississippi												.34	.02	.02	T.	T.	.54															0.92
Ashdown [2]	Red													.02				.05	.10									.01	2.59	.20			2.97
Augusta [2]	White								.33				T.	.10			.02								.02	T.		.17	.65				1.29
Batesville Air'y [3]	White												.02		.22		.01									.06	.09	.14		.08			0.62
Batesville Livestk [2]	White												1.00																				1.00
Batesville River [2]	White												.47			.20		.05								.19	.28	.07	.02	.01		.01	1.30
Beaty Lake	St. Francis							T.	.04		T.	.21	T.		.59	T.	.48		T.						.13			2.84					4.29
Beaver [2]	White													T.	.09		.02	.15				.29				T.	.05	.28					0.88
Bee Branch	Arkansas								T.											.22													0.22
Beech Grove [2]	White											T.				.50	.33									1.57		.11					2.51
Beedeville [2]	White																																....
Benton [2]	Saline								.17																				.19	.28			0.64
Bentonville [2]	Arkansas												T.			T.	1.42				.25				.21	.25	.16						....
Bethesda [2]	White												.53																				0.53
Big Flat [2]	White								T.				.21			T.	T.				.40				T.			.12	.48				1.21
Big Lake Outlet [2]	St. Francis								.02					.08			T.		.04							T.							0.14
Black Rock [2]	White								.26				.16														T.	T.					0.42
Blytheville [2]	St Francis							.04	.03				T.			T.													.10				0.17
Booneville 3 mi. w.	Arkansas												T.		.15		.13	.08			T.					.01	.03	T.	.15	.17			0.72
Booneville [2]	Arkansas							T.					T.	.11		.24		.20	T.								.01		.43	.23	T.		1.22
Boughton [2]	Ouachita																			T.									2.76	2.21		T.	4.97
Bradford [2]	White								.07					.10		.07		T.								.02			.08			.03	0.37
Brinkley [3]	White								.03							T.	1.84										.03						1.90
Burdette	Mississippi																																....
Calico Rock [2]	White	.32											.10	T.		.47	T.								.05	.15	.32	.08	.02	T.		.12	1.63
Camden [2]	Ouachita												2.00						1.04									*	*	1.38			4.42
Camp Chaffee [2]	Arkansas																.09	.13	.15							.03	.01		.30	T.			0.71
Carlisle [2]	Arkansas																													1.00			1.00
Clarendon [2]	White								.07				.05	T.			.04	.02							.75		.09						1.02
Clinton [2]	White												.37																				0.37
Cold Springs [2]	Ouachita												.15			.05	1.55										.20		.67	.10			....
Conway	Arkansas								T.				.14				.01		T.							.02	T.	T.				T.	0.17
Corning [2]	White							T.									.69	.04									1.07	.03					1.83
Cotter [2]	White															.14										.12		1.03	.07				1.36
Cove [2]	Red													.02			3.36	1.20	.76														....
Crossett	Ouachita											.06			1.73		.10	.08		T.						T.			.03	.32			2.32
Crystal Valley(nr) [2]	Arkansas						T.		T.			.18				.76	T.	T.		T.							T.		.56	.05			1.55
Cummins Farm	Arkansas											.40				T.		.40												.20			1.00
Danville [2]	Arkansas								.17					T.			T.	.65	.22										.15	.04	.45		1.68
Dardanelle [2]	Arkansas													.04		.05		.66	.02										T.	.08			0.85
De Queen	Red																	.59	.05									.08	6.71				7.43
Dermott [2]	Mississippi																	.28															0.28
Des Arc [2]	White								.20																								0.20
Devils Knob	Arkansas														.67		.27									.55	T.						1.49
Dumas	Mississippi											.26			T.	.20	.12	.05						T.			T.		T.	T.	.01		0.64
Eagle Gap [2]	Arkansas											T.	T.			.82	.56	.88			T.								3.90	.07			....
El Dorado	Ouachita												.71			2.18	.08												.06	.33			3.36
Eleven Point [2]	White																																....
England	Arkansas																																....
Eureka Springs	White											.15		.05			.10				.10				.65	.03	1.85						2.93
Evening Shade [2]	White												T.				.51										.62						1.13
Fayetteville	White																T.	.04	T.		.02				.56		.71						1.33
Fayetteville Exp. S	White																T.	T.	.11		.12				.67		T.	T.					0.90
Fordyce	Arkansas											T.	.39				.40	.25	.06										.70	.38			2.18
Forester [2]	Arkansas							1.17	T.			.12	.10		.36	.04	.18	T.		T.				T.			.33	.88	1.79	2.47			7.44
Fort Smith [1]	Arkansas	.01										T.				T.	.05	.13			T.				.45	.16	T.	.01	.57	T.			1.38
Fort Smith W. Plant [2]	Arkansas							T.									.04	.07											.06				0.17
Fulton [2]	Red												.24					.07		T.								.41	3.35	2.38	.40		6.85
Garland [2]	Red																		.35										.58	.83	.19		1.95
Georgetown [2]	White												.18	.24			T.							.18				.08	.01				0.69
Gilbert [2]	White								T.					.43		.07	T.		T.				T.			.06	.01	1.30					1.87
Glenwood [2]	Ouachita															.46	.46		.03												.52		....
Grannis [2]	Red							T.	T.	T.		T.		.39			.77	.34											§				11.53
Gravelly [2]	Arkansas								.07					.12				.66		.06									1.25	.07			2.23
Gravette	Arkansas											.03			.31		.19	.50								.19	.52	.08					1.82
Greenbrier [2]	Arkansas																																....
Green Forest	White														.35		.15								.05		.14						0.69
Green Mountain	White												T.	T.			.42							.13		T.	.50	.80					1.85
Greenwood [2]	Arkansas	T.				.03						.06					.53	.08							.04		.48	T.					1.22
Harrison	White							.81				.07				.71	.20									.09	.72	.10					2.70
Helena [2]	Mississippi											.03		.72			.97	.04			.10				.32						.01		2.19
Henderson [2]	White												.07			.09	.01								.26	.17	.06						0.66
Hope [2]	Red												.30					T.	1.27									.39	4.60	3.06	.79		10.41
Horatio [2]	Red																	.77	.31									T.	6.65	.27			8.00
Hot Springs	Ouachita							T.	T.								*	.43											.74	.07			1.24
Huntsville [2]	White																																....
Huttig Lock 7, Dam 6 [2]	Ouachita								.38	T.			.88	.02				.40			T.		T.						T.	.19			1.87
Index [2]	Red																	.10	.40										1.50	.25			2.25
Jonesboro [2]	White												.07			.09										.60	.12	.02					0.90
Judsonia [2]	White																																....
Lake City [2]	St. Francis								.08								.03									.51	T.						0.62
Lead Hill	White							.35																	.79	T.		T					1.14
Little Rock [1]	Arkansas								T.				.09		.60	.17	.02							.01				T.	.20	T.	T.		1.09
Lock & Dam No. 3 [2]	White												.52					.41								.02	T.	.29	.08				1.32
Lurton [3]	White							T.						.06	T.	T.		.33	T.							1.08	.61						2.08
Lutherville	Arkansas												.66	.04			.73	.05									T.					.40	1.88
Madison [2]	St. Francis								T.					.40			T.	T.								.90		.90	.50				2.70
Magnolia	Red									T.		.39				1.62										.07			1.01	.15			3.24
Mammoth Spg [2]	White								.09								.07	.20									.31	T.	.47				1.14
Marianna [2]	St. Francis												.14			1.12																	1.26
Marked Tree [2]	St. Francis								T.				T.				T.	.03								.69		.05					0.77
Marshall [2]	White							.30					.04	.06		.06						.10		.01	.11	.02	.05						0.75
Marvell [2]	White												.11	.63			.13																0.87
Melbourne [2]	White							.10					.22												.22			.71	.11				1.36
Mena [2]	Ouachita	T.							T.				.06	.57			.47	.44											4.78	.87	T.		7.19
Monticello [1]	Ouachita											T.	.04			.04	.03	.11		T.		T.							.08	.14		T.	0.44
Morobay [2]	Ouachita											T.	.18			.04	.10					T.							.27	.12			0.71
Morrilton [2]	Arkansas								T.					T.														.64		T.			0.64
Mountainburg	Arkansas																T.	.13											T.	.03			0.16
Mountain Home	White															.20												.85					1.05
Mountain View [2]	White							T.					.24		T.	.08	.39				.16	T.			.20	T.		.31	.24				1.62

Daily Precipitation for August, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita							.25							.04		1.28											.14	.84	2.04			4.59
Mulberry[2]	Arkansas	T													T			T	T								.27		T	T	T		0.27
Nashville	Red								T			T	T			T	T	.07									.03	T	6.01	.78			6.89
Newport[2]	White								.12					.05														.40	.05				0.62
Nimrod Dam[2]	Arkansas																	1.77									.01		.30	.20			2.28
Oark[2]	Arkansas															.55			1.60							.15			.25				2.55
Odell[2]	Arkansas														T			.09			.90					.24							1.23
Oden	Ouachita												.06		T	.36												1.25		2.75			4.42
Okay	Red											.55																.04	4.15	1.45			6.19
Osceola[2]	Mississippi								T		T					.50									1.72			.83					3.05
Ozark[2]	Arkansas														.42											T			.26		T		....
Paragould	St. Francis								T						.05		.25									.02		.10				.17	0.59
Parkin[2]	St. Francis								.05			.25	T				1.53	.17										.21					2.21
Parthenon[2]	White																																....
Perryville[2]	Arkansas							.82								.42											T		T				1.24
Pine Bluff[2]	Arkansas								.02				.02				.03	T											.01	.14	.35	T	0.57
Pine Ridge[2]	Ouachita							.32					.73		.41		1.79	.31											2.01	1.47			7.04
Pocahontas	White							.01					.37		.05	.05	.11								.07		.20	.10					0.96
Portland[2]	Ouachita															.29	.15	T															0.44
Prescott[2]	Ouachita												.36												.11				3.00	3.50			6.97
Ratcliff[2]	Arkansas														T	.17	.16	T											.50	.21			....
Red Star	White													.34	.26		.31									.52	.11						....
Rogers	White											.29					.51				1.01				.30	.18	.16						2.45
Russellville	Arkansas																.26	.30											T			.06	0.62
St. Charles[2]	White													.14			.60	.14	T														0.88
St. Francis[2]	St. Francis																1.38	.08								.08	.44						1.98
Searcy[2]	White							.06					.35				.06									.46	.21				.03		1.17
Sheridan	Ouachita								.12				.28		.15		*	.22						T					.14	.40	.03		1.34
Shirley[2]	White													T				T		T	.02	.08					.60	.04					0.74
Siloam Springs	White														.02		.01	T			.01	.03	T		.13		.93						1.13
Sparkman	Ouachita																																....
Stamps	Red											T				.10											.72	T	1.35	.22			....
Steve[2]	Arkansas							.40						T		T	.95	T										.14	.70	T			2.19
Story[2]	Ouachita							.11									.30											*	*	2.08			2.49
Stuttgart[2]	Arkansas							T				.20				.10	T				.15				1.20							.04	1.69
Stuttgart Evap[2]	Arkansas								.02								.30	.02	T		.23				.10								0.67
Subiaco[2]	Arkansas							.37					.24		.70													.68	.55	T			2.54
Sugar Grove[2]	Arkansas							T							T	T	.82								T				.57	.36			1.75
Sugar Loaf Mt[2]	White												.37												.45	.06			T			.08	0.96
Texarkana[3]	Red											T	T				.09	1.41				T					.18	T	1.05	.38			3.11
Tichnor[2]	White																																....
Turnpike	Arkansas												.14				2.43																2.57
Viola[2]	White												.05			.16									.10								0.31
Waldron[2]	Arkansas																.50	.10									.25		1.25	.55			2.65
Walnut Grove	White							1.45																		.40	.20				.04		....
Warren	Ouachita											.23				.95	.04	.05		T		.12				T			.18	.06			1.63
Whitecliffs[2]	Red																	T											3.53	.22			3.75
White Rock	Arkansas															.07	.12									.30							0.49
Wilson[2]	Mississippi						.30																										....
Wynne	St. Francis											.30			.03	.02	.03								.75	.02	.08	.11					1.34
Yellville[2]	White																																....

Daily Evaporation (inches), and Wind Movement (miles) for August, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.459	.431	.473	.263	.596	.421	.372	.399	.376	.373	.311	.348	.220	.551	.339	.161	.015	.439	.269	.301	.379	.323	.317	.290	.170	.251	.090	.035	.300	.104	.416	9.792
	Wind move	42	23	39	27	25	48	23	25	23	29	25	38	26	20	14	23	13	20	17	12	25	25	10	6	20	16	9	14	21	9	40	707
Hope Exp. Farm	Evap.	.367	.338	*	.705	.279	.460	.376	.409	.342	.302	.386	.149	.220	.304	.345	.256	*	.439	.203	.281	.274	.259	.265	*	.548	.228	.290	....	....	....	.323	9.242
	Wind move	29	22	*	58	37	37	44	42	27	19	27	17	22	31	35	27	*	32	23	17	18	22	19	*	34	23	39	*	*	48	25	774
Nimrod Dam	Evap.	.426	.435	.453	.380	.452	.468	.416	.332	.410	.374	.428	.308	.280	.346	.306	.216	.214	.192	.236	.304	.260	.562	.268	.280	.266	.208	.288	.216	.104	.136	.312	9.876
	Wind move	36	37	41	34	40	41	41	30	14	24	10	36	32	36	13	32	22	14	18	11	17	6	7	6	13	12	27	12	28	9	20	719
Norfork Dam	Evap.	.402	.328	.423	.383	.388	.442	.422	.430	.260	.497	.359	.395	.294	.358	.246	.320	.082	.334	.286	.270	.388	.320	.326	.235	.327	.281	.175	.098	.132	.300	.190	9.691
	Wind move	25	29	22	24	24	35	26	41	36	29	32	47	41	31	27	20	28	42	29	21	31	32	23	15	27	29	23	33	22	10	26	880
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	11	11	11	9	10	9	7	10	20	16	29	17	6	8	21	11	13	10	8	16	17	15	9	8	8	12	9	21	13	10	13	388
Stuttgart Rice Exp. Farm	Evap.	.302	.294	.303	.287	.317	.293	.317	.234	.214	.271	.252	.208	.216	.271	.298	.222	.078	.206	.260	.213	.180	.262	.261	.169	.253	.277	.277	.225	.081	.129	.200	7.370
	Wind move	40	40	30	35	35	20	35	15	10	20	25	45	55	50	50	35	25	35	30	20	30	20	20	20	30	55	40	15	15	20	20	935

FLOOD

The heavy rains(Grannis, 10.03 inches; De Queen, 6.71; Horatio, 6.65; Cove, 9.50; Mena, 4.78; Okay, 4.15) on the 27th-28th, caused a rapid rise on the Little River, reaching stages slightly above flood stage. Damage reports are not complete from the flood, but damage was considerable and mostly due to washouts of highways and bridges over small streams, plus erosion. Several washouts were reported on the KCS Railroad. Many crops were washed out of the ground. J.C.H.

Daily Temperatures for August, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	106	103	102	104	103	104	103	103	103	102	100	98	98	100	95	97	94	96	100	97	98	99	100	100	98	93	93	93	....	103	106	*99.7
	Minimum	68	68	70	70	67	70	70	71	73	71	69	72	71	69	69	70	67	69	69	70	69	69	70	71	70	70	69	71	....	72	73	*69.9
Arkadelphia	Maximum	105	102	102	103	105	105	105	109	107	107	104	93	98	102	104	103	99	98	97	101	99	100	101	101	102	100	99	90	78	90	99	100.3
	Minimum	69	67	69	70	69	68	74	74	73	74	71	71	70	70	71	70	70	69	70	71	70	70	69	70	68	68	71	72	70	71	72	70.4
Ashdown	Maximum	103	98	100	101	101	101	104	106	107	107	104	94	95	99	101	100	99	95	94	100	97	97	96	99	99	95	94	85	85	94	87	98.0
	Minimum	68	66	69	71	71	68	69	67	69	74	72	69	71	71	72	71	70	67	68	70	67	68	67	67	65	70	71	69	69	70	71	69.3
Batesville Air	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Batesville, Livestk	Maximum	105	104	105	106	106	107	107	106	103	102	101	94	92	99	99	99	98	95	97	99	96	99	100	102	101	98	96	95	92	91	104	99.9
	Minimum	70	72	73	76	75	71	69	67	71	66	70	69	69	71	70	72	68	68	68	71	66	65	67	68	67	66	65	67	63	66	69	68.9
Bee Branch	Maximum	102	102	103	103	103	104	104	106	107	102	99	93	99	104	101	93	97	97	101	96	99	101	100	101	99	100	95	93	92	104	110	100.3
	Minimum	68	66	68	70	68	67	75	70	72	68	71	72	67	68	69	70	67	67	68	72	68	67	69	68	67	67	67	70	65	69	70	68.7
Benton	Maximum	101	100	100	101	103	102	104	107	106	104	102	94	93	99	100	101	95	95	96	101	97	99	100	99	100	99	99	93	84	89	100	98.8
	Minimum	66	63	65	66	65	64	69	72	71	68	73	71	68	67	68	69	66	67	66	66	65	66	65	66	67	67	68	68	71	69	70	67.5
Bentonville	Maximum	....	101	100	98	99	97	99	101	104	105	102	97	92	95	95	99	101	98	94	97	97	95	97	99	98	94	87	92	92	95	103	*97.4
	Minimum	....	68	67	69	66	71	67	66	72	68	72	67	67	68	67	70	67	64	67	70	67	65	66	69	67	65	67	67	65	70	69	*67.7
Bethesda	Maximum	103	102	104	104	105	105	105	104	103	100	99	93	92	98	99	99	98	95	97	99	97	99	99	100	99	96	94	95	92	91	102	99.0
	Minimum	75	70	71	74	73	71	69	67	69	65	71	71	69	71	70	72	68	68	68	71	65	65	68	67	68	67	65	67	63	66	68	68.8
Blytheville	Maximum	100	101	103	105	105	104	102	99	98	98	92	93	98	100	95	91	93	97	97	95	99	100	99	101	98	94	94	91	96	99	94	97.8
	Minimum	74	73	72	75	73	74	76	72	73	73	71	73	74	73	73	74	73	74	75	73	73	74	73	75	70	72	71	73	72	74	74	73.2
Booneville	Maximum	107	108	108	107	105	109	107	109	109	104	99	98	103	101	107	96	98	96	102	99	101	101	103	102	98	98	93	92	95	106	109	102.3
	Minimum	73	69	70	70	70	70	71	72	75	75	70	75	76	71	70	73	70	71	69	76	70	76	75	76	70	71	73	72	72	74	72	72.2
Brinkley	Maximum	100	101	103	105	103	104	105	101	99	99	94	94	100	102	101	102	92	94	99	95	97	98	98	97	98	99	99	88	94	104	105	99.0
	Minimum	70	68	69	71	71	70	72	71	72	69	70	71	71	72	70	70	69	70	70	71	70	68	71	70	67	70	71	71	68	72	73	70.3
Camden	Maximum	105	102	102	103	104	103	107	107	107	105	104	98	94	98	100	102	94	94	98	99	97	97	99	99	99	97	95	88	80	94	101	99.1
	Minimum	70	67	70	71	74	70	72	72	72	73	72	68	72	74	70	71	71	69	70	71	69	70	70	68	68	69	70	70	70	70	70	70.4
Conway	Maximum	105	106	107	108	108	107	107	108	107	105	98	96	102	105	103	89	99	99	104	102	103	105	105	104	101	104	95	88	95	108	111	102.7
	Minimum	70	68	69	70	69	69	73	71	75	69	71	72	69	71	71	71	68	70	69	73	69	68	68	70	70	69	69	74	70	71	72	70.3
Corning	Maximum	100	102	104	105	104	105	102	97	98	98	92	94	99	99	97	86	93	96	99	95	97	97	99	101	99	92	90	96	96	98	92	97.5
	Minimum	76	75	75	74	72	72	76	70	71	72	71	73	73	75	73	70	71	72	73	74	70	72	72	73	70	69	70	71	71	72	73	72.3
Crossett	Maximum	99	101	101	101	102	104	104	102	104	102	94	98	101	101	96	96	92	95	95	96	93	96	95	97	95	97	94	90	96	102	102	98.1
	Minimum	65	67	69	69	68	68	70	68	69	69	70	70	70	70	67	72	69	68	69	68	69	69	67	67	67	68	67	69	71	69	72	68.7
Cummins Farm	Maximum	98	97	101	102	101	102	104	100	99	98	94	91	97	98	97	88	87	92	95	93	94	95	96	95	95	97	95	93	91	97	103	96.3
	Minimum	69	69	69	71	71	70	74	75	73	72	69	71	70	70	69	72	70	70	71	70	69	70	70	69	68	68	70	68	69	73	74	70.4
Dardanelle	Maximum	103	107	105	108	106	106	103	108	107	103	97	93	100	99	102	98	95	97	100	100	100	100	102	101	100	99	96	93	91	91	106	100.5
	Minimum	76	75	74	72	72	71	76	72	78	73	76	75	73	72	73	73	70	72	72	77	71	71	70	71	72	71	73	75	72	73	73	73.0
De Queen	Maximum	99	98	99	99	99	101	104	107	106	102	98	92	98	99	100	99	90	93	98	98	97	98	99	98	97	92	82	85	90	94	96	97.0
	Minimum	70	68	69	69	68	68	69	67	76	77	73	69	70	70	69	70	69	68	69	69	69	69	68	69	68	70	71	66	72	71	70	69.7
Des Arc	Maximum	....	98	99	100	100	101	101	100	101	100	98	92	97	99	94	98	98	96	100	96	98	98	96	97	96	96	92	90	88	100	100	*97.3
	Minimum	....	70	72	74	73	72	73	74	78	72	72	70	72	74	72	72	72	70	72	70	72	74	72	72	70	72	70	70	68	68	68	*71.7
Devils Knob	Maximum	99	98	98	99	98	99	99	100	101	97	90	88	91	92	94	97	89	90	92	92	91	92	95	95	91	91	88	86	87	98	100	94.1
	Minimum	75	73	75	77	74	75	75	74	78	73	70	68	69	66	72	67	67	68	72	72	71	72	72	72	67	67	68	69	67	72	78	71.5
Dumas	Maximum	100	101	104	104	104	105	105	....	100	101	97	95	101	102	101	93	95	95	95	95	97	97	97	100	100	100	97	98	97	101	104	*99.4
	Minimum	69	69	72	72	72	71	73	....	74	71	71	74	72	72	70	72	70	70	73	71	70	72	72	70	71	71	72	72	72	74	74	*71.6
El Dorado	Maximum	99	100	99	102	102	102	106	103	105	101	94	92	97	100	97	94	92	93	98	92	92	93	95	96	94	97	90	80	93	98	100	96.6
	Minimum	67	67	67	71	72	71	72	71	72	73	71	71	71	73	70	70	70	69	70	71	71	70	70	68	67	67	69	71	73	71	71	70.2
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	101	100	100	101	100	102	101	102	105	100	96	91	96	97	99	99	96	96	97	98	94	98	99	99	96	88	90	92	91	98	101	97.5
	Minimum	79	78	75	75	77	77	74	70	73	71	72	69	73	72	70	71	69	71	74	75	66	69	71	73	70	66	68	68	67	73	77	72.0
Fayetteville	Maximum	100	100	99	100	98	100	101	103	104	102	97	92	96	97	101	99	98	95	97	95	97	98	98	97	92	89	91	92	94	101	102	97.6
	Minimum	75	72	69	69	73	74	69	67	70	75	76	72	73	72	70	74	71	70	69	72	69	67	67	71	71	70	69	71	70	74	73	71.1
Fayetteville Exp. S	Maximum	102	101	98	101	99	102	101	104	105	101	97	91	92	96	102	101	96	94	98	96	95	96	98	98	94	90	91	90	97	102	103	97.8
	Minimum	72	71	67	67	70	70	66	63	68	69	70	68	70	67	68	72	65	69	66	68	64	64	66	69	68	65	68	66	64	71	71	67.8
Fordyce	Maximum	103	101	104	104	105	105	108	106	105	103	100	93	99	101	100	94	94	96	100	96	95	99	98	97	99	97	94	86	93	100	103	99.3
	Minimum	72	72	73	73	73	72	74	74	79	72	71	72	72	73	71	72	69	70	71	70	69	68	71	70	70	70	70	71	70	72	73	71.6
Fort Smith	Maximum	103	104	104	104	103	104	104	106	108	104	98	94	100	98	104	97	95	97	100	98	99	99	100	100	97	95	91	91	96	102	103	99.9
	Minimum	75	72	71	71	73	72	70	70	76	78	76	75	74	72	71	74	72	72	71	77	72	72	69	74	72	72	74	73	73	74	74	72.9
Gilbert	Maximum	109	107	105	105	106	104	107	101	105	106	104	98	92	98	102	101	97	98	97	102	99	99	101	102	102	98	95	95	94	94	103	100.8
	Minimum	67	65	65	65	63	64	67	66	68	64	66	68	65	66	69	70	65	66	65	69	62	64	64	65	69	67	69	69	65	67	67	66.2
Grannis	Maximum	96	98	98	98	98	100	105	104	107	103	93	87	95	97	100	97	89	87	94	92	94	95	96	96	96	92	78	82	87	95	92	94.9
	Minimum	68	68	68	71	68	68	70	73	71	74	67	69	69	67	68	67	67	69	69	69	69	68	69	66	68	68	66	66	70	69	72	68.8
Gravette	Maximum	102	100	99	99	98	101	101	105	106	102	98	93	96	91	99	100	92	93	96	97	95	97	98	98	97	88	90	92	95	103	104	97.6
	Minimum	72	68	65	67	69	72	66	66	70	74	65	69	70	69	69	70	68	69	68	72	68	67	69	71	69	68	67	68	65	74	70	68.8
Green Mountain	Maximum	101	101	100	97	102	104	101	102	100	101	94	96	92	94	92	81	91	95	98	94	95	99	100	98	97	98	89	93	89	98	101	96.5
	Minimum	81	78	81	79	77	80	78	74	74	72	69	69	68	70	70	71	68	70	72	71	73	71	70	77	75	69	70	77	73	82	75	73.7
Harrison	Maximum	104	102	102	103	101	102	94	100	101	98	104	99	96	96	97	95	94	94	93	95	95	95	97	99	95	90	93	90	91	101	104	97.4
	Minimum	69	70	67	68	66	65	68	67	68	64	67	68	66	66	68	70	65	67	65	65	62	61	64	65	65	65	66	65	64	64	66	66.0
Helena	Maximum	98	98	100	102	100	101	101	99	97	99	94	88	94	98	95	89	91	95	94	94	95	97	94	93	94	95	95	90	93	96	99	95.7
	Minimum	73	72	73	75	76	77	75	75	72	75	71	74	73	73	70	71	72	72	73	72	71	71	75	74	71	73	73	74	71	74	73	73.0
Hope	Maximum	105	101	102	103	102	103	104	106	107	108	104	93	96	99	101	102	99	91	95	98	96	97	97	99	99	96	94	85	82	91	98	98.5
	Minimum	71	70	72	73	73	72	72	72	71	75	71	68	71	75	73	70	71	70	71	72	70	70	69	69	68	70	71	69	69	72	73	71.1
Hot Springs	Maximum	104	104	106	105	104	107	108	105	109	105	97	95	100	97	99	99	89	96	102	98	101	101	102	100	100	98	90	82	89	100	104	99.9
	Minimum	76	78	79	80	80	80	77	75	76	75	74	73	75	78	75	74	70	70	73	74	72	72	73	74	75	75	75	72	71	75	74	74.8
Jonesboro	Maximum	99	99	103	104	103	103	103	98	95	97	90	93	96	96	97	90	94	97	99	96	97	99	98	100	96	90	91	92	95	97	97	96.9
	Minimum	76	75	76	77	77	77	73	73	72	74	69	71	71	72	72	73	70	71	72	72	70	72	73	74	69	71	69	69	70	70	73	72.4
Lead Hill	Maximum	107	106	106	108	107	109	100	107	106	103	101	99	102	102	100	98	101	100	104	100	101	102	105	105	96	90	93	95	98	105	107	102.0
	Minimum	67	67	67	67	65	65	67	69	69	65	70	72	67	70	70	74	68	67	67	70	64	63	66	67	67	69	69	67	64	69	67	67.6
Little Rock	Maximum	98	100	101	102	101	103	103	101	100	99	90	90	97	98	95	84	90	94	98	94	96	97	96	96	97	97	92	83	86	97	103	96.1
	Minimum	74	72	74	75	74	74	76	78	78	76	72	75	72	73	72	74	71	72	74	75	74	74	73	73	73	73	72	74	72	75	77	73.9
Lutherville	Maximum	101	103	102	103	102	104	103	108	106	103	100	93	95	98	100	99	98	97	99	98	99	100	101	102	100	99	97	92	94	104	107	100.2
	Minimum	70	69	71	69	70	70	75	70	76	71	72	70	69	68	69	68	67	68	68	69	68	68	68	68	67	68	67	70	68	67	71	69.3
Magnolia	Maximum	97	99	102	101	103	105	108	108	107	104	101	94	100	101	102	94	93	94	95	92	94	94	94	95	94	96	91	85	95	98	101	98.0
	Minimum	69	68	70	69	70	72	73	71	74	75	72	72	72	73	71	70	72	70	71	72	72	72	71	70	70	69	70	72	73	72	72	71.3
Mammoth Spring	Maximum	103	103	103	104	104	104	103	100	98	98	95	92	99	99	97	89	96	97	99	98	98	98	98	100	97	91	91	93	89	99	96	97.8
	Minimum	70	67	67	67	66	65	68	68	67	67	67	69	67	68	72	72	68	67	68	67	65	68	68	68	66	68	66	66	65	67	68	67.5
Marianna	Maximum	97	98	101	102	103	103	102	99	98	98	92	90	96	99	96	86	91	95	97	93	95	96	96	96	95	96	96	91	94	98	101	96.5
	Minimum	70	68	69	70	70	69	73	72	68	71	70	73	71	71	70	71	70	71	72	70	71	68	71	70	68	70	71	72	68	73	72	70.4
Marked Tree	Maximum	102	98	91	104	105	102	103	102	99	98	99	91	92	98	99	99	90	93	98	98	96	97	98	98	101	97	93	97	94	97	101	97.7
	Minimum	....	71	71	78	70	73	74	71	72	73	70	71	72	71	73	72	71	71	72	71	70	71	71	72	67	70	70	70	70	73	73	*71.5
Marshall	Maximum	102	102	103	105	102	103	97	103	103	99	94	89	96	100	97	92	97	95	100	95	97	98	95	99	97	91	96	92	92	102	104	98.0
	Minimum	76	70	70	70	70	70	70	69	69	67	74	71	74	71	69	74	71	71	67	69	66	65	64	68	67	68	66	69	68	71	69	69.5
Mena	Maximum	107	104	103	104	104	103	105	105	106	108	104	97	92	100	102	102	98	93	92	99	95	96	98	98	99	99	94	82	87	89	98	98.8
	Minimum	72	70	71	72	72	72	70	69	70	75	71	69	70	71	69	70	68	69	67	70	69	69	67	69	67	70	72	67	68	71	71	69.9
Monticello	Maximum	98	99	102	102	102	104	105	102	104	100	93	94	99	101	98	95	92	96	98	95	97	96	96	98	98	98	97	83	94	100	104	98.1
	Minimum	70	70	72	72	72	71	73	75	73	75	71	72	72	72	70	73	72	70	72	71	71	72	71	72	70	69	69	73	72	72	75	71.7
Morrilton	Maximum	105	103	105	105	105	106	105	102	105	105	101	95	94	100	100	102	96	96	97	101	98	99	100	102	101	101	101	94	90	91	104	100.3
	Minimum	71	69	71	71	71	72	74	71	74	71	72	72	71	70	71	72	68	70	67	72	70	68	70	70	73	69	71	73	70	72	74	71.0
Mountain Home	Maximum	104	103	103	104	103	104	102	101	100	97	93	93	99	99	95	85	96	97	100	97	97	98	99	100	98	95	94	93	91	100	101	98.1
	Minimum	72	69	70	70	68	67	72	70	72	68	70	70	67	69	72	75	70	68	68	70	65	65	68	68	67	68	69	67	65	68	70	68.9
Mt. Ida	Maximum	103	103	104	104	103	105	106	109	109	108	97	94	99	99	101	100	94	97	99	97	97	99	98	100	99	95	86	84	90	103	101	99.5
	Minimum	73	66	68	68	66	64	69	69	69	68	67	69	71	69	68	69	67	68	69	67	66	65	64	63	64	65	70	71	71	70	69	67.8
Nashville	Maximum	100	100	100	102	102	103	107	107	107	102	94	95	99	102	102	101	92	95	100	96	97	98	98	98	97	97	85	84	91	98	100	98.4
	Minimum	69	68	69	68	69	67	71	71	73	77	72	70	69	72	70	70	69	70	70	72	71	71	70	69	67	70	70	69	72	73	74	70.4
Newport	Maximum	101	102	105	106	104	106	106	102	101	101	93	92	98	100	101	92	97	100	105	98	102	102	102	103	100	97	95	94	93	104	107	100.3
	Minimum	75	71	72	73	71	72	74	72	75	71	74	74	73	73	73	74	70	71	72	73	70	70	72	73	70	70	70	70	69	72	73	72.0
Nimrod Dam	Maximum	105	101	102	103	104	102	103	102	104	107	102	93	91	101	97	101	98	94	95	100	96	102	101	100	100	97	97	91	85	91	102	99.0
	Minimum	78	70	74	70	72	71	74	69	75	71	72	73	70	72	73	70	68	69	69	73	68	57	68	68	69	69	70	72	70	72	73	70.6
Oden	Maximum	103	103	104	104	103	105	103	104	106	103	96	94	100	100	103	100	93	100	97	98	100	99	98	98	101	94	86	86	89	98	100	99.0
	Minimum	70	64	69	76	68	67	69	70	68	74	71	70	70	70	68	67	67	76	71	67	67	64	67	65	73	70	70	69	70	70	70	69.3

Daily Temperatures for August, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	100	101	102	102	101	104	108	107	108	105	95	94	97	100	101	100	93	95	100	99	103	100	99	97	97	94	84	84	92	98	99	98.7
	Minimum	70	69	71	70	69	68	71	69	73	76	70	70	70	70	72	71	71	68	69	69	69	69	72	70	69	69	69	69	69	72	72	70.2
Ozark	Maximum	103	103	102	105	103	105	105	105	108	102	97	96	98	100	100	100	95	95	96	101	98	100	100	101	102	100	98	95	92	95	106	100.2
	Minimum	73	72	71	71	71	72	73	72	80	76	73	76	74	72	72	74	72	73	73	72	72	71	70	71	72	72	72	72	72	73	74	72.7
Paragould	Maximum	97	100	103	104	103	103	104	99	96	98	92	93	98	100	98	90	94	97	100	97	99	100	102	103	99	94	92	....	....	98	....	°98.3
	Minimum	74	70	69	72	70	62	72	63	63	....	....	69	67	70	65	60	67	66	62	60	66	67	69	70	64	69	66	66	64	64	....	°66.9
Perryville	Maximum	104	106	106	107	106	106	100	105	104	100	95	92	94	102	98	92	90	96	101	99	100	100	100	102	101	100	95	90	93	106	107	99.9
	Minimum	68	64	66	67	66	66	70	69	72	68	70	71	73	67	70	56	67	67	62	70	65	65	65	65	67	66	67	72	69	68	72	67.4
Pine Bluff	Maximum	101	102	103	104	103	105	108	106	104	103	93	95	99	103	102	89	96	99	101	98	100	100	101	99	100	100	93	84	90	99	105	99.5
	Minimum	74	73	75	76	76	75	77	78	78	75	73	74	74	76	74	74	70	72	73	74	72	74	74	73	72	73	72	75	73	75	77	74.2
Pocahontas	Maximum	102	104	105	105	104	105	106	102	100	101	95	95	98	100	98	94	96	98	102	99	100	101	103	103	99	93	93	96	96	100	100	99.8
	Minimum	75	71	72	71	69	69	74	71	72	72	70	70	71	72	71	78	70	69	70	72	68	71	72	72	70	68	68	67	67	69	70	70.7
Portland	Maximum	96	98	100	100	101	102	104	95	100	101	95	94	98	98	95	85	87	95	94	97	94	96	98	97	98	95	96	91	92	99	100	96.5
	Minimum	68	71	73	73	76	76	71	73	72	73	78	73	72	72	69	72	70	70	72	70	70	71	71	73	73	73	72	73	72	71	72	72.1
Prescott	Maximum	103	103	104	105	104	105	108	108	107	104	99	96	100	102	101	99	91	96	100	101	99	100	100	99	98	96	97	86	92	101	101	100.2
	Minimum	74	82	80	78	79	77	80	78	75	78	75	73	71	78	75	74	75	75	78	76	75	72	74	72	75	72	74	72	72	76	76	75.5
Rogers	Maximum	101	100	100	101	100	103	103	104	105	102	98	92	97	99	102	103	95	94	98	97	95	96	98	98	94	89	92	93	96	102	103	98.4
	Minimum	71	70	68	68	68	70	70	70	72	70	70	69	68	69	69	70	67	68	68	72	67	66	68	70	68	66	68	68	66	71	70	68.9
Russellville	Maximum	104	105	104	107	105	104	103	108	106	104	99	95	99	100	102	100	96	97	100	99	100	100	101	101	99	100	97	92	92	106	109	101.1
	Minimum	74	70	71	70	69	70	76	76	76	76	76	75	70	71	72	71	70	72	71	77	70	70	69	70	71	70	72	75	71	72	73	72.1
St. Charles /	Maximum	99	98	99	102	102	102	103	105	103	101	102	93	93	100	100	101	91	93	95	98	95	97	97	98	96	97	98	97	87	92	99	97.8
	Minimum	72	68	73	76	74	74	74	74	73	72	70	72	78	72	71	71	71	73	74	72	73	75	73	72	70	71	71	77	72	75	75	72.8
Searcy	Maximum	104	105	107	108	107	107	107	103	101	102	95	90	100	105	97	85	97	100	103	98	100	101	102	103	99	100	95	93	92	100	105	100.4
	Minimum	72	70	72	73	73	73	74	71	76	73	75	74	72	72	72	73	70	71	72	74	71	71	73	73	70	71	70	73	69	69	74	72.1
Sheridan	Maximum	101	101	104	104	103	104	105	103	101	101	95	93	98	96	98	87	94	95	100	97	97	98	98	99	100	98	97	87	88	100	101	98.2
	Minimum	72	68	70	71	70	71	72	70	73	69	72	74	71	72	70	70	69	72	69	70	68	68	69	68	70	70	69	69	70	72	73	70.4
Siloam Springs	Maximum	101	100	99	100	99	100	101	104	105	102	98	92	96	98	101	100	96	97	99	91	96	98	100	98	97	90	92	93	97	102	103	98.2
	Miuimum	69	67	67	67	71	73	65	67	70	71	72	69	71	67	68	74	68	69	67	70	67	67	66	73	71	68	69	71	67	75	71	69.3
Stuttgart	Maximum	98	98	100	102	101	102	104	100	99	100	93	90	96	99	97	89	91	95	98	94	97	99	96	94	95	95	95	89	89	97	101	93.3
	Minimum	73	71	72	75	74	73	75	75	75	74	73	73	74	74	73	73	72	73	74	73	72	74	74	72	72	72	71	75	71	75	75	73.3
Stuttgart Evap. /	Maximum	99	97	99	100	102	101	101	104	99	97	98	92	93	96	100	97	87	92	93	98	92	95	95	94	95	95	96	95	84	91	98	96.0
	Minimum	70	69	71	73	72	71	73	69	69	74	71	72	72	73	72	72	71	72	73	73	71	72	72	70	69	71	69	72	70	73	74	71.5
Subiaco	Maximum	102	106	99	106	102	102	101	105	106	99	97	93	97	92	99	95	93	93	98	97	99	100	101	99	99	94	93	85	92	99	104	98.3
	Minimum	75	74	75	75	74	73	73	73	72	74	74	74	71	69	71	71	69	70	70	75	70	70	70	72	72	72	72	70	71	73	78	72.3
Texarkana	Maximum	99	100	100	100	100	101	104	105	106	103	93	95	98	100	100	97	90	93	98	95	96	96	97	98	93	95	86	84	90	97	99	97.0
	Minimum	74	72	74	74	75	75	74	72	76	78	72	71	72	76	74	73	72	72	74	73	72	72	73	72	71	72	73	69	74	74	74	73.2
Turnpike	Maximum	96	95	96	97	97	98	92	98	99	98	91	86	90	95	96	92	88	88	91	88	90	91	91	93	92	90	88	86	87	95	91	92.4
	Minimum	73	76	76	79	76	77	74	73	75	74	70	68	69	72	73	65	67	68	73	72	71	72	74	72	70	67	68	69	67	71	77	71.9
Waldron	Maximum	105	105	105	105	103	106	105	106	109	105	101	95	100	97	103	100	96	95	100	98	93	100	100	100	97	93	90	90	93	101	102	99.9
	Minimum	71	66	68	67	67	66	68	67	68	74	76	73	74	69	66	71	69	69	68	71	67	67	64	69	67	70	72	69	71	72	72	69.3
Warren	Maximum	100	103	103	103	104	105	106	105	105	102	96	97	99	101	98	99	91	95	97	96	95	97	97	97	96	96	93	87	93	99	102	98.6
	Minimum	73	74	72	73	74	74	76	76	74	74	73	72	75	76	70	71	72	72	72	72	71	72	71	73	71	72	72	71	74	75	76	73.0
White Rock	Maximum	98	98	97	98	95	100	100	102	103	100	92	92	94	95	98	98	93	92	97	94	94	95	96	98	92	92	88	87	93	99	102	92.6
	Minimum	75	72	74	74	75	75	74	76	76	75	72	69	69	70	72	70	68	68	69	73	71	72	72	73	72	69	70	68	68	72	76	71.9
Wilson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne /	Maximum	98	99	102	103	103	102	101	97	95	97	94	90	96	97	96	83	92	96	97	94	96	97	96	98	95	95	92	90	93	97	96	96.0
	Minimum	72	71	72	78	74	74	75	72	73	76	72	73	73	73	72	73	72	73	73	73	74	72	73	69	69	71	72	71	73	75	74	72.8

Daily River Stages for August, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	6.5	6.4	6.2	6.0	5.4	4.9	4.6	4.9	4.8	4.6	4.4	4.4	4.0	3.6	4.0	4.0	4.1	4.0	3.7	3.0	2.8	3.1	3.6	3.5	3.6	3.6	2.8	2.5	3.3	4.9	4.1
Van Buren	do	22	6.6	6.5	6.3	6.1	5.5	5.0	4.6	5.0	4.9	4.7	4.7	4.4	4.0	3.7	4.2	4.1	4.3	4.3	4.1	3.4	3.1	3.4	3.9	3.8	3.9	3.8	3.1	2.9	3.7	5.0	4.4
Danville	Petit Jean	20	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.4	4.7	2.4	2.4	2.4	2.4
Ozark	Arkansas	22	2.9	2.8	2.8	2.6	2.5	2.0	1.6	1.4	1.6	1.6	1.5	1.4	1.2	0.9	0.7	1.0	1.0	1.0	1.0	1.0	0.4	0.1	0.2	0.6	0.6	0.6	0.5	0.2	0.0	0.6	1.4
Dardanelle	do	22	4.5	4.4	4.3	4.2	4.0	3.8	3.3	2.9	2.8	2.9	2.8	2.7	2.6	2.4	2.1	1.9	2.2	2.2	2.2	1.9	1.9	1.6	1.4	1.4	1.7	1.7	1.7	1.7	1.4	1.2	1.8
Morrilton	do	20	-0.9	-1.1	-1.2	-1.2	-1.4	-1.6	-1.8	-2.2	-2.6	-2.7	-2.6	-2.7	-2.8	-3.1	....	-3.4	-3.3	-3.2	-3.4	-3.2	-3.3	-3.6	-4.0	-5.1	-3.8	-3.7	-3.6	-3.8	-3.8	-4.2	-4.2
Little Rock	do	23	2.9	2.9	2.9	2.8	2.8	2.7	2.6	2.4	2.1	1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.4	1.4	1.4	1.4	1.5	1.4	1.3	1.0	0.9	1.0	1.2	1.2	1.1	1.0	0.9
Pine Bluff	do	25	4.2	4.3	4.3	4.2	4.1	4.0	3.8	3.6	3.3	2.9	2.6	2.6	2.6	2.6	2.5	2.4	2.2	1.9	1.9	2.0	2.0	2.0	1.9	1.7	1.6	1.3	1.4	1.5	1.5	1.5	1.4
Gilbert	Buffalo	30	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.3	3.3
Black Rock	Black	14	2.2	3.6	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.7	2.2	2.1	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.9	2.0	2.1	1.9
Forsyth, Mo.	White	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cotter	do	21	1.5	1.5	1.4	1.5	1.5	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.1	1.0	1.1	1.1	1.0	1.0	1.0	0.9	0.9	1.0	1.2	1.0	1.2	1.2	1.2	1.2	1.2	1.4	1.4
Calico Rock	do	18	1.6	1.7	1.9	1.2	1.9	1.8	1.6	1.6	1.7	1.8	1.0	1.4	1.6	1.5	1.6	1.5	1.6	0.8	1.6	1.5	1.4	1.6	1.7	1.7	1.0	1.5	1.6	1.4	1.9	1.9	1.9
Lock 3	do	..	6.6	6.7	6.7	6.6	6.4	6.7	6.6	6.6	6.6	6.6	6.6	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.1	6.5	6.5	6.4	6.4	6.5	6.5	6.2	6.5	6.6	6.5	6.8	7.0
Batesville	do	23	6.4	6.4	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.4	5.5	6.1	6.2	6.1	6.3	6.3	6.2	5.3	6.3	6.2	6.2	6.2	6.3	6.3	5.8	6.3	6.4	6.2	6.5	6.5
Newport	do	26	2.0	1.8	1.7	1.7	1.6	1.4	1.5	1.4	1.3	1.3	1.3	1.2	0.8	1.1	1.3	0.9	0.9	1.0	1.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.2	1.2	1.4
Augusta	do	32	13.3	13.2	13.0	12.8	12.8	12.5	12.3	12.5	12.4	12.3	12.3	12.2	12.0	11.8	11.8	11.8	11.8	11.8	11.8	11.9	11.7	11.9	11.9	11.8	11.8	11.8	11.7	11.6	11.7	12.0	12.1
Sugar Loaf Mt.	Little Red	..	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1
Georgetown	White	21	3.0	2.8	2.7	2.6	2.5	2.4	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.7	1.5	1.5	1.6	1.6	1.5	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.3	1.4	1.6
Des Arc	do	24	....	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.3	4.3	4.3	4.2	4.1	4.0	4.0	4.0	3.8	3.7	3.7	3.6	3.5	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6
Clarendon	do	26	10.2	10.0	9.8	9.6	9.5	9.3	9.2	9.0	8.8	8.8	8.7	8.7	8.6	8.6	8.4	8.3	8.2	8.2	8.1	8.1	8.1	8.1	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.9
St. Charles	do	25	10.3	10.0	9.8	9.6	9.5	9.3	9.3	9.1	8.9	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.9	7.9	7.8	7.8
Glenwood	Caddo	..	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4.7	4.6
Arkadelphia	Ouachita	17	3.7	3.3	3.2	3.3	3.1	4.0	3.5	3.2	3.2	3.1	3.2	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.1	3.3	3.5	3.3
Boughton	Little Mo.	20	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.0	3.9	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6	4.2	4.6	4.5	14.6
Camden	Ouachita	26	3.9	4.2	4.4	4.4	4.2	4.1	4.2	4.6	4.4	4.2	4.2	4.1	4.1	4.0	3.9	3.7	3.6	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	4.1	4.2	8.5
Benton	Saline	20	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.6
Index	Red	25	7.6	7.6	7.6	7.6	7.6	7.6	7.2	7.2	7.0	6.9	6.8	6.7	6.7	7.2	7.2	7.2	7.1	7.2	7.5	7.4	7.3	7.2	7.2	7.6	7.6	7.6	7.1	7.1	7.2	7.5	7.8
Fulton	do	25	7.8	7.5	7.6	7.8	8.0	7.9	7.8	7.3	6.7	6.8	7.2	7.6	7.4	7.4	7.6	7.3	7.2	8.0	8.0	7.8	7.6	7.4	6.8	6.7	7.2	7.5	7.6	7.8	7.8	11.7	12.7
St. Francis	do	18	4.9	4.0	3.3	3.1	4.0	4.9	5.0	4.2	3.4	2.9	2.8	4.4	4.6	4.5	3.7	3.2	2.8	2.8	4.7	5.8	5.5	4.4	3.4	2.8	2.6	3.5	4.2	4.2	3.7	3.1	2.6
St. Francis L.L.	do	..	18.7	18.6	18.7	18.9	19.0	19.0	18.9	18.9	19.1	19.4	19.2	19.0	18.9	18.7	18.5	18.3	18.2	18.1	18.0	18.6	19.0	18.9	18.6	18.4	18.4	18.2	18.0	17.8	17.5	17.1	16.8
Marked Tree	do	17		6.4	4.9	4.6	4.5	4.5	4.8	4.3	2.6	2.5	3.6	4.0	4.1	4.0	4.1	4.0	4.3	4.2	4.0	4.0	4.2	4.0	1.5	1.2	3.5	3.9	3.9	3.8	3.8	3.7	3.6
Parkin	do	28		6.3	6.1	5.9	5.5	5.0	4.8	4.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.8
Madison	do	32	4.4	4.0	....	....	3.4	3.4	3.1	3.0	[illegible]	[illegible]	2.4	2.6	2.2	2.4	2.6	2.8	2.8	2.4	2.1	2.1	2.0	1.8	1.6	1.4	1.7	1.5	1.8	2.2	2.4	2.2	2.0
Helena	Mississippi	44	14.4	14.2	14.0	13.9	13.7	13.3	12.9	12.6	12.3	12.0	11.8	11.6	11.4	11.4	11.7	11.4	10.5	9.7	9.7	9.9	9.6	9.2	9.4	9.6	9.5	9.4	9.4	[illegible]	[illegible]	9.7	9.9
Arkansas City	do	42	13.5	13.0	12.7	12.4	12.3	12.0	11.7	11.4	11.1	10.7	10.4	[illegible]	9.9	9.8	9.9	9.7	9.1	8.3	8.1	8.1	7.9	7.7	7.8	7.9	7.8	7.7	7.6	7.4	7.5	[illegible]	7.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. ^{1} Midnight to midnight. ^{2}Measured in the morning for the preceding 24 hours. ^{3}Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison; Bethesda, Batesville; Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Route 1, Ravendon Springs; Fordyce, Route 1, Fordyce; Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar; Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton; Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 1, Mt. Vernon; Sheridan, Hensley; Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover; Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O., Fort Worth, Texas. 10-14-1947-1225

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CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

Vol. LII   Little Rock, Ark., September, 1947   No. 9

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GENERAL SUMMARY

The weather map for the first ten days of the month resembled a mid-summer map, with a relatively stagnant air mass over Arkansas. These conditions gave a few scattered showers and plenty of hot weather.

Numerous heat records, both for individual days and the month of September, were set. Thirty stations in the State set new September high temperature extremes. The stations are: Batesville, Bee Branch, Bentonville, Blytheville, Conway (highest in the State, 112°), Dardanelle, Des Arc, Devil's Knob, Fordyce, Gilbert, Green Mountain, Hot Springs, Lead Hill, Little Rock, Lutherville, Monticello, Morrillton, Newport, Nimrod Dam, Ozark, Perryville, Pocahontas, Rogers, Russellville, St. Charles, Sheridan, Siloam Springs, Stuttgart Rice Experiment Station, Turnpike, and White Rock.

A LOW began to develop over the eastern slope of the Rockies about the 9th; the LOW moved toward the northeast. The cold front and squall line associated with this LOW moved in over Arkansas about the 11th, giving moderate showers and slight relief from the heat. The cool mass of air behind the front had lost most of its punch in its passage over the hot plains to the north and northwest of Arkansas.

Another cold mass of air moved over the State on the 14th to 16th, giving light showers on mixing and lifting of the moist tropical air then over the State.

On September 18, a Hurricane began to move in on New Orleans from the Gulf, and then inland toward southwest Arkansas. The combination of a cool air mass moving in from the north, and the remnants of the Hurricane gave Arkansas the first definite relief from both the heat and dry weather. This storm accounted for more than half the month's rainfall.

Autumn was ushered in on the 23d with unusually cool weather running from 10° to 15° below normal. Several stations over the State reported low records equalled, or even lowered for this particular date. Practically all stations in the State reported their lowest temperatures for the month on the 23d also.

The temperatures were below normal for the last 10 days of the month, and this was the longest period of below normal temperatures since last March.

Agricultural work progressed rapidly during the month, due to the long periods without rain. The crops, still in the fields, benefited from the moderate to heavy rains that did occur, and raised the yield estimates, which were originally based on drought conditions.

There were no floods, or severe storms, in the State during the month.

TEMPERATURE

The September average temperature was 76.0°, 1.7° above the normal. This near-normal figure is somewhat misleading, considering the fact that 30 stations set new high records for September during the first 10 days; then during the last ten days, temperatures were well below the seasonal average.

The highest September temperature reported was 112° at Conway on the 1st; runners-up were Fordyce, Lead Hill, Ozark, and Russellville with 110°. The highest mean of the month was 79.6°, reported by Prescott. Only two stations remained under the 100° mark throughout the month: De Queen and Grannis.

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	16	3	..	..	..	3	12	43	16	18	49	50	3	27	33	2	..	..	..	28	9	..	..	..	..	..	1	1	13	1	..
High Winds	1	..	1	1	1	..	1	4	2	3	13	6	1	4	3	2	2	3	17	49	29	7	2	..	..	..	2	2	..	2	..
Heavy Fog	..	..	1	..	..	..	..	..	9	..	1	4	3	..	..	4	..	..	1	4	1	2	1	1	1	1	..	1	4	3	..
Sleet	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hail	..	..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30. 34	30	29. 51	20	7. 8	29	e.	20	82	46	50	77	5
Little Rock	30. 38	30	29. 63	21	8. 0	36	s.	20	82	48	56	75	11
Memphis	30. 36	28	29. 59	21	7. 8	28	nw.	21	83	48	56	86	14
Texarkana	30. 33	27	29. 46	20	....	38	ne.	20	87	50	58	..	5

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	73. 4	102	40	0. 94	0	2	22	6	2
1892	70. 8	96	32	2. 14	0	3	23	4	3
1893	74. 0	103	36	3. 75	0	5	19	5	6
1894	73. 1	100	38	3. 56	0	6	14	8	8
1895	77. 1	105	32	1. 36	0	4	19	7	4
1896	73. 3	106	35	3. 25	0	10	11	9	10
1897	76. 6	108	33	0. 60	0	2	21	7	2
1898	75. 2	104	40	7. 35	0	8	15	6	9
1899	71. 9	109	28	1. 21	0	3	20	7	3
1900	78. 0	104	48	4. 25	0	7	12	12	6
1901	68. 4	101	32	3. 08	0	4	18	8	4
1902	70. 7	99	30	5. 06	0	8	15	8	7
1903	75. 4	102	34	2. 47	0	5	18	7	5
1904	74. 2	101	37	2. 46	0	5	15	9	6
1905	75. 7	100	44	3. 90	0	8	16	7	7
1906	73. 9	100	47	6. 24	0	10	11	9	10
1907	73. 4	106	38	2. 22	0	4	19	8	3
1908	74. 7	101	29	4 00	0	7	13	8	9
1909	76. 4	108	31	2 84	0	5	18	7	5
1910	79. 0	101	44	2. 41	0	5	18	8	4
1911	78. 5	102	46	3. 67	0	6	18	9	3
1912	71. 7	106	32	2. 40	0	4	18	8	4
1913	74. 4	108	33	10. 10	0	13	9	9	12
1914	74. 9	101	38	3. 19	0	5	16	9	5
1915	72. 5	100	34	1. 43	0	3	16	8	6
1916	71. 8	102	30	3. 40	0	6	19	6	5
1917	67. 3	99	37	1. 76	0	4	18	7	5
1918	74. 6	104	29	4. 63	0	7	16	5	9
1919	74. 9	108	40	2. 72	0	4	15	8	7
1920	79. 6	100	30	3. 56	0	6	17	6	7
1921	76. 2	104	35	3. 38	0	6	14	9	7
1922	73 0	106	37	1. 25	0	3	22	5	3
1923	69. 7	98	45	5. 56	0	9	12	7	11
1924	80. 5	103	29	3. 99	0	7	17	5	8
1925	76. 8	113	47	5. 96	0	7	16	7	7
1926	75. 9	101	40	3. 99	0	7	14	8	8
1927	70. 5	105	32	3. 37	0	6	16	8	6
1928	73. 4	101	32	0. 45	0	1	22	5	3
1929	75 7	102	41	2. 46	0	5	15	8	7
1930	78. 4	106	35	4. 10	0	8	15	8	7
1931	73. 8	102	34	1. 00	0	3	22	7	1
1932	78. 5	103	35	2. 54	0	6	12	10	8
1933	71. 3	102	41	5. 10	0	8	15	8	7
1934	72. 4	100	37	5. 46	0	8	15	7	8
1935	73. 9	103	35	3. 13	0	5	18	5	7
1936	72. 7	109	38	4. 15	0	7	12	10	8
1937	75. 7	102	34	4. 27	0	7	16	8	6
1938	79. 9	107	32	1. 55	0	4	17	10	3
1939	71. 2	112	35	1. 77	0	2	22	6	2
1940	75. 4	100	31	1. 83	0	4	17	7	6
1941	71. 3	102	39	3. 60	0	5	15	9	6
1942	70 4	100	28	3. 52	0	7	15	8	7
1943	74. 3	104	38	3. 23	0	8	11	9	10
1944	73. 8	103	42	1. 84	0	4	17	7	6
1945	74. 0	104	39	7. 85	0	10	13	8	9
1946	72. 4	100	33	1. 48	0	6	11	11	8
1947	76. 0	112	36	3. 28	0	5	..	..	..
1948									
Period	74. 3	113	28	3. 33	0	6	..	..	..

Climatological Data for September, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	10	76.0	+2.2	105	7	44	24	2.34	0.00	1.35	20	0	5					L. R. Water Works
Arkadelphia	Clark	200	51	75.6	−0.6	102	1†	43	24	3.12	+0.35	1.44	12	0	4					W. H. Halliburton
Ashdown	Little River	329	3	75.5	......	101	2†	43	24	3.20	......	1.23	20	0	5					Southwestern G. & E.
Batesville Airway	Independence	363	11	74.8	+1.9	108	1	42	24	3.15	......	1.37	20	0	5					Airway Observer
Batesville Livestk	Independence	500	6	76.3	......	109	2†	39	23	2.55	......	1.70	21	0	2					University of Arkansas
Bee Branch	Van Buren	650	54	76.0	+1.7	108	1	41	23	3.15	−0.04	2.00	20	0	3					Minnie Scanlan
Benton	Saline	285	11	73.8	−0.8	106	6	40	24	3.77	......	1.61	21	0	9					Mrs. Etta C. Burks
Bentonville	Benton	1295	41	74.4	+3.3	104	4†	41	23	4.05	−0.17	2.24	22	0	5					E. L. Brown
Bethesda ***	Independence	500	7	74.2	......	109	5	39	23	2.64	......	1.62	21	0	3					Soil Cons. Service
Black Rock	Lawrence	259	45	....	......	......	......	......	......	1.77	−1.79	1.06	21	0	3					J. H. Ragan
Blytheville	Mississippi	252	21	75.5	+1.3	105	7	42	23	1.29	−1.83	0.53	21	0	4					R. E. Blaylock
Booneville 3 miles w	Logan	465	32	78.8	+3.3	109	1†	46	23†	4.06	+0.74	2.60	12	0	4					F. H. Randolph
Brinkley	Monroe	205	55	76.2	+1.4	106	1	43	23†	2.51	−1.47	2.00	21	0	5					Robert L. Glover
Camden	Ouachita	116	61	....	......	......	......	......	......	....	......	....	....	....	....					J. M. Knight
Camp Chaffee ‡	Sebastian	419	3	^{a}78.5	......	106	1†	48	24	4.92	......	2.25	21	0	4					U. S. Army
Clarendon	Monroe	172	42	....	......	......	......	......	......	4.21	+0.94	3.31	21	0	6					B. F. Northern
Conway	Faulkner	309	63	77.6	+2.8	112	1	41	23	1.68	−1.67	0.92	20	0	5					G. Y. Short
Corning	Clay	293	53	74.2	+1.5	105	2	41	23†	2.55	−0.93	0.96	21	0	6					Mrs. Laura Polk
Cotter	Baxter	440	19	....	......	......	......	......	......	2.68	−0.41	0.87	15	0	4					O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	77.6	+2.0	105	1†	44	25	3.74	+1.35	1.62	20	0	4					U. S. Forest Service
Cummins Farm ***	Lincoln	176	3	77.0	......	105	6	54	30	5.65	......	3.15	20	0	3					T. C. Cogbill
Danville	Yell	327	30	....	......	......	......	......	......	3.84	+0.57	1.90	12	0	6					J. A. Moudy
Dardanelle	Yell	330	60	78.0	+2.6	108	2†	45	24	2.69	−0.62	1.00	21	0	6					Geo. N. Goodier
DeQueen	Sevier	426	11	74.6	−1.0	98	1†	44	24	2.52	+0.16	1.28	20	0	5					L. D. McCown
Des Arc	Prairie	204	8	76.4	......	103	1†	50	23†	1.95	......	1.85	21	0	2					Z. R. Glenn
Devil's Knob ***	Johnson	2350	10	73.8	......	104	1	42	23	5.01	......	2.06	21	0	4					U. S. Forest Service
Dumas	Desha	162	41	78.0	+1.9	106	1†	45	23	3.98	+1.01	3.25	20	0	5					Ben Johnson
El Dorado	Union	270	46	76.0	−1.2	102	1†	45	23	1.81	−1.08	1.65	20	0	3					Airway Observer
England	Lonoke	229	40	....	......	......	......	......	......	....	......	....	....	....	....					Joseph M. Dolan
Eureka Springs	Carroll	1465	46	74.8	+2.5	102	4†	41	23	5.23	+0.72	2.08	21	0	5					Geo. W. Nichoalds
Fayetteville	Washington	1334	9	....	......	......	......	......	......	....	......	....	....	....	....					Charles F. Ford
Fayetteville Exp	Washington	1451	59	73.4	+1.3	104	6	40	23	4.18	+0.27	1.07	20	0	6					University of Arkansas
Fordyce	Dallas	280	6	78.0	+1.7	110	1	44	23	3.66	−0.28	1.67	20	0	6					Ark. Forestry Com.
Fort Smith	Crawford	448	65	77.1	+3.1	106	6	48	23	4.89	+1.90	1.76	11	0	6					U. S. Weather Bureau
Fulton	Hempstead	260	61	....	......	......	......	......	......	2.64	+0.15	1.00	20	0	4					Ina J. Logan
Georgetown, 2 mi, se	White	200	34	....	......	......	......	......	......	2.36	−1.08	2.20	21	0	4					J. S. McDonald
Gilbert	Searcy	600	21	73.3	......	105	1†	41	23†	2.53	−1.04	1.50	21	0	6					D. O. Dennis
Grannis	Polk	950	27	72.7	−1.3	97	1	44	22	4.80	+0.56	2.09	21	0	4					W. E. McVay
Gravette	Benton	1250	49	74.4	+3.2	105	3†	42	23	5.24	+1.01	1.87	21	0	6					J. A. Schmidt
Green Mountain ***	Stone	1100	9	....	......	105	4†	......	......	1.28	......	0.72	20	0	3					U. S. Forest Service
Harrison	Boone	1052	46	72.0	+1.8	105	4†	36	23	2.65	−1.31	1.05	20	0	7					R. C. Beene
Helena	Phillips	300	74	76.4	+1.1	102	5†	46	22†	1.26	−2.02	0.40	15	0	4					James A. Burnett
Hope 3 miles e	Hempstead	375	76	76.2	+0.2	100	1†	46	24	3.53	+0.47	1.90	12	0	7					Univ. of Arkansas
Hot Springs	Garland	600	54	78.4	+2.6	106	1	46	23	4.03	+0.66	1.79	20	0	7					National Park Service
Jonesboro	Craighead	345	51	74.1	−0.3	105	1†	43	23†	1.82	−1.54	1.23	21	0	5					Benedictine Sisters
Lead Hill	Boone	650	40	73.8	+1.9	110	4	38	23	3.76	+0.25	0.86	15	0	5					F. W. Kellogg
Little Rock^{a}	Pulaski	257	67	75.8	+1.7	106	1	48	23	2.96	−0.21	1.81	20	0	6					U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	48	76.0	+2.0	107	7	39	24	3.03	−1.07	1.30	12	0	4					Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	....	......	......	......	......	......	1.40	−1.50	0.75	15	0	3					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	78.2	+0.6	105	6	45	23†	2.56	+0.46	1.56	20	0	4					State Agri. School
Mammoth Spring	Fulton	600	42	72.5	+0.8	105	4†	39	23	2.89	−0.63	0.84	22	0	6					L. A. O'Neal
Marianna	Lee	235	35	75.5	+1.4	105	1	43	23†	0.85	−1.89	0.32	21	0	3					Univ. of Arkansas
Marked Tree	Poinsett	229	42	74.8	+1.4	104	8	42	23†	1.17	−1.79	0.45	22	0	5					Chas. Walton
Marshall	Searcy	1050	28	75.0	+3.2	105	1†	39	23	2.59	−1.44	1.37	20	0	4					Mrs. Minnie Horton
Mena	Polk	1207	58	74.8	+0.5	101	2	45	24	5.96	+2.10	2.76	12	0	5					E. W. St. John
Monticello	Drew	273	6	77.6	......	106	1	47	23	3.79	......	2.04	20	0	5					Airway Observer
Morrilton ***	Conway	315	30	75.4	+0.4	108	2	44	23	3.58	+0.75	2.20	21	0	6					L. A. Dicus
Mountainburg	Crawford	712	9	....	......	......	......	......	......	6.81	......	2.65	21	0	5					C. A Lovell
Mountain Home ***	Baxter	800	34	73.2	+1.4	106	4†	38	23	3.10	−0.65	1.40	15	0	5					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	73.5	+0.4	103	1†	38	24	4.62	+1.15	2.10	20	0	4					J. S. Whittington
Nashville	Howard	350	8	76.4	......	101	1	46	25	2.60	......	1.11	21	0	7					Brice Carruth
Newport	Jackson	231	63	75.7	+1.4	109	7	44	24	2.04	−1.38	0.85	12	0	6					Willis T. Moyer
Nimrod Dam	Perry	475	5	75.9	......	106	2†	45	23†	2.93	......	0.88	21	0	7					U. S. Engineers
Oden, 2 mi. w	Montgomery	800	19	75.3	......	100	9	48	20	7.50	+4.55	2.00	8	0	5					U. S. Forest Service
Okay	Howard	288	18	77.2	+0.5	101	1†	43	24	2.06	−0.76	1.05	20	0	4					J. T. Hargis
Osceola	Mississippi	250	46	....	......	......	......	......	......	0.70	−2.11	0.49	22	0	3					C. E. Carter
Ozark	Franklin	396	51	77.4	+1.8	110	2	48	24†	4.17	+0.77	1.74	12	0	5					Orkney O. Milton
Paragould	Greene	275	23	....	......	......	......	41	23†	2.08	−0.41	1.27	21	0	4					Jene J. Coffman
Parkin, 2 mi. w	Cross	222	16	....	......	......	......	......	......	2.39	−0.52	1.22	15	0	3					Carroll King
Perryville	Perry	325	7	75.8	+2.8	109	6	41	24	3.33	−0.17	1.60	20	0	3					Gordon Bennett
Pine Bluff	Jefferson	215	59	78.6	+2.1	106	2†	47	23	2.36	−1.01	1.10	20	0	6					Mary T. Scheu
Pine Ridge	Montgomery	840	22	....	......	......	......	......	......	6.12	+3.12	1.76	20	0	6					J. R. Huddleston
Pocahontas	Randolph	300	53	75.0	+1.5	107	7	41	23	2.00	−1.24	0.98	21	0	6					Benedictine Sisters
Portland	Ashley	122	40	78.6	+2.5	105	4†	50	23†	1.29	−1.31	1.12	20	0	3					Mrs. Pearl Newton
Prescott	Nevada	318	58	79.6	+3.0	103	1	54	23	3.29	+0.37	1.75	12	0	5					R. P. Hamby
Rogers	Benton	1300	56	74.1	+2.9	105	3†	42	23	5.77	+1.69	2.44	21	0	5					Howard Fowler
Russellville	Pope	526	34	77.5	+3.3	110	1	44	23	3.20	−0.55	1.61	12	0	4					U. S. Forest Service
St. Charles	Arkansas	175	13	77.4	......	105	7	45	23	1.40	......	0.65	22	0	4					U. S. Biological Survey
St. Francis	Clay	290	19	....	......	......	......	......	......	2.63	−0.98	1.70	22	0	4					Wm. S. Buckley
Searcy	White	245	36	77.0	+2.5	109	7	45	23	3.36	+0.43	1.63	21	0	6					Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	6	74.6	......	104	4†	40	22†	3.30	......	2.05	20	0	7					Ark. Forestry Com.
Siloam Springs	Benton	1150	6	74.8	......	105	3	44	23	3.63	......	1.05	21	0	5					John Brown Univ.
Story	Montgomery	650	22	....	......	......	......	......	......	2.38	−0.39	1.06	11	0	3					S. C. Story
Stuttgart	Arkansas	214	59	77.0	+1.8	104	6	46	23	4.82	+1.73	4.00	21	0	3					George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	11	^{b}76.8	+2.0	103	1	46	23	3.71	+1.08	2.30	21	0	4					University of Ark.
Subiaco	Logan	750	48	76.6	+1.5	106	1†	45	23	3.74	+0.35	1.65	20	0	3					New Subiaco Abbey
Texarkana	Miller	332	62	77.0	+0.2	100	5	48	24	3.08	+0.41	1.31	20	0	6					U. S. Weather Bureau
Turnpike ***	Pope	2240	22	^{a}74.1	......	101	1	40	23	5.09	+0.23	2.62	20	0	6					U.S Forest Service
Waldron	Scott	675	27	75.8	......	103	1†	43	23†	5.72	+2.56	3.12	12	0	4					William D Bivens
Warren	Bradley	206	52	77.7	+1.5	106	1	46	24†	2.59	−0.79	1.88	20	0	5					C. N Turner
White Rock ***	Franklin	2285	10	75.0	......	105	1	45	23	6.34	......	3.66	21	0	4					U. S. Forest Service
Wilson	Mississippi	237	21	....	......	......	......	......	......	....	......	....	....	....	....					D. O. Anderson
Wynne	Cross	167	38	75.2	+0.8	104	7	44	23†	2.20	−1.07	1.61	21	0	4					Guy B. Upton
State Means		....	..	76.0	+1.7	112	1	36	23	3.28	−0.05	4.00	21	0	5					

Daily Precipitation for September, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott [2]	Arkansas						T.	T.					3.50			.14				.25	T.	1.32											5.21
Alum Fork Reser.	Arkansas								T.				.57			.15					1.35	.16					.11						2.34
Aplin [2]	Arkansas												.01			.40					.80	.60											1.81
Arkadelphia [2]	Ouachita												1.44	.01			T.				.85	.82	T.										3.12
Arkansas City [2]	Mississippi								.41							.19	.35				4.01	2.60	.09										7.65
Ashdown [2]	Red											.45	.81								1.23	.66	.05										3.20
Augusta [2]	White												.23								.12	1.28	T.				T.						1.63
Batesville Air'y [3]	White												1.24			.34					1.37	.17					.03						3.15
Batesville Livestk [2]	White												.85									1.70											2.55
Batesville River [2]	White												.97			.38	T.				1.08	1.35	.10				.03						3.91
Beaty Lake	St. Francis		T.							T.			T.		.98						.14	.76					T.						1.88
Beaver [2]	White									T.			1.39			.53						2.90	.23										5.05
Bee Branch	Arkansas												1.05			.10					2.00												3.15
Beech Grove [2]	White											.85										1.10	.30								.21		2.46
Beedeville [2]	White																																....
Benton [2]	Saline		.05						T.	.32			.88	.20		.02	.16				.46	1.61	.07										3.77
Bentonville [2]	Arkansas									.12			.93					.11			T.	.65	2.24			T.							4.05
Bethesda [2]	White												.53				.49					1.62											2.64
Big Flat [2]	White												.47			.08						1.02	.18										1.75
Big Lake Outlet [2]	St. Francis										T.		.08			.62	T.						.44								.09		1.23
Black Rock [2]	White												.54									1.06	T.						.17				1.77
Blytheville [2]	St Francis											.10				.51						.53	T.							.15			1.29
Booneville 3 mi. w.	Arkansas							T.					2.60			.30					.58	.58											4.06
Booneville [2]	Arkansas								.06				2.61	.04		.17	.01				T.	.29	.64										3.82
Boughton [2]	Ouachita												2.11								1.03	.24											3.38
Bradford [2]	White												.83			.03	.12					1.95					T.						2.93
Brinkley [3]	White											.02				.26					.06	2.00	.17										2.51
Burdette	Mississippi											.09										.10	.52							.04			0.75
Calico Rock [2]	White									.10			.30			.60						1.20	.13				.05						2.38
Camden [2]	Ouachita												1.16							*	1.44												2.60
Camp Chaffee [2]	Arkansas												2.06			.38					.23	2.25											4.92
Carlisle [2]	Arkansas																				2.77	1.82											4.59
Clarendon [2]	White									.22						.19					.10	3.31	.37					.02					4.21
Clinton [2]	White									.71			1.20			1.70					1.70	.20									.10		5.61
Cold Springs [2]	Ouachita												2.40			.21					.70	1.95	.05				.02						5.33
Conway	Arkansas	.02											.37			.30					.92	.07					T.			T.	T.		1.68
Corning [2]	White												.35			.16						.96	.38							.13	.57		2.55
Cotter [2]	White												.76			.87						.71	.34				T.						2.68
Cove [2]	Red											.06	2.00			.85					1.30	2.47											6.68
Crossett	Ouachita							1.45												.40	1.62	.27											3.74
Crystal Valley(nr) [2]	Arkansas		.22										.83				.15				1.23	1.21	T.					T.					3.64
Cummins Farm	Arkansas															.30					3.15	2.20											5.65
Danville [2]	Arkansas												1.90	.05		.25					.27	1.07									.30		3.84
Dardanelle [2]	Arkansas	.23							.95							.08					.40	1.00	.03										2.69
De Queen	Red												.58			.16				.06	1.28	.44											2.52
Dermott [2]	Mississippi															.70	.13				.80	.10											1.73
Des Arc [2]	White																.10					1.85					T.						1.95
Devils Knob	Arkansas												1.53		.07						1.35	2.06											5.01
Dumas	Mississippi		.03						.08							.11					3.25	.51											3.98
Eagle Gap [2]	Arkansas									.04			2.71			.53					1.00	2.49	.01										....
El Dorado	Ouachita									.11											1.65	.05											1.81
Eleven Point [2]	White																																....
England	Arkansas																																....
Eureka Springs	White											.40	1.40			.42					.93	2.08											5.23
Evening Shade [2]	White												.45				.42					1.80								T.			2.67
Fayetteville	White									.01		.61	1.02		.26	.11					.97	.87					T.						....
Fayetteville Exp. S.	White									.10		.49	.91				.84				1.07	.77											4.18
Fordyce	Arkansas								.54			.03	.92			.40					1.67	.10											3.66
Forester [2]	Arkansas												2.82			.75				.91	*	3.58			T.								8.06
Fort Smith [1]	Arkansas								T.			1.76	.38		.41	.09					1.59	.66				T.	T.						4.89
Fort Smith W. Plant [2]	Arkansas												1.77			.50						4.39	T.										6.66
Fulton [2]	Red											T.	.85	T.		.10	T.				1.00	.69	T.										2.64
Garland [2]	Red													1.81		1.25					1.36	.61	T.										5.03
Georgetown [2]	White												.08								.06	2.20					.02						2.36
Gilbert [2]	White									T.	T.		.67			.16					.01	1.50	.17								.02		2.53
Glenwood [2]	Ouachita											1.03	1.42			.48					.48	*	1.57										4.98
Grannis [2]	Red										T.	1.55	T.		.71	T.				.45	T.	2.09											4.80
Gravelly [2]	Arkansas		T.							.13			2.33	T.		.25					.69	1.23	.01				T.						4.64
Gravette	Arkansas								.60	.15	T.	1.41	.67								.54	1.87											5.24
Greenbrier [2]	Arkansas																																....
Green Forest	White									.54		.20	.70			.53					1.42	1.04											4.43
Green Mountain	White												.20								.72	.36											1.28
Greenwood [2]	Arkansas												2.00			.54		.78			.39	2.26	.06										6.03
Harrison	White									.36		.06	.71				.38				1.05	.04					.05						2.65
Helena [2]	Mississippi									.16	.01				.40						.32	.37											1.26
Henderson [2]	White											T.	.49			1.00					1.73	.63											3.85
Hope [2]	Red									.02			1.90	.05		.01					1.04	.48	.03										3.53
Horatio [2]	Red											.02	.46			.02	.07				.42	1.60	.09										2.68
Hot Springs	Ouachita	.01	.03						.85				1.08		.13					T.	1.79	.14					T.						4.03
Huntsville [2]	White																																....
Huttig Lock 7, Dam 6 [2]	Ouachita								.04			.39									1.76	.48	.04										2.71
Index [2]	Red												.50								.65	1.65											2.80
Jonesboro [2]	White												.24	.01			.17					1.23	.17										1.82
Judsonia [2]	White																																....
Lake City [2]	St. Francis	T.										T.	.45			.09					T.	1.53	.05							T.			2.12
Lead Hill	White											.60	.65			.86					.80	.85											3.76
Little Rock [1]	Arkansas	.17							T.		T.		.83		T.	.12				T.	1.81	.02					.01			T.			2.96
Lock & Dam No. 3 [2]	White												.62			.25						1.79	.10				.04						2.80
Lurton [2]	White												.86			.17					.10	3.05	.25								.06		4.49
Lutherville	Arkansas												1.30			.08					1.15	.50											3.03
Madison [2]	St. Francis												T.			.75						.35	.30										1.40
Magnolia	Red									T.			.63			.05					1.56	.32											2.56
Mammoth Spg [2]	White											.53				.14						.83	.84							.18	.37		2.89
Marianna [2]	St. Francis															.31					.22	.32											0.85
Marked Tree [2]	St. Francis										T.		.07			.03	.18					.44	.45										1.17
Marshall [2]	White									T.		.35	.43			T.					1.37	.44				T.							2.59
Marvell [2]	White												.13			.36						3.31	.62										4.42
Melbourne [2]	White									.15			.10			1.71						1.71	.80	.22									4.69
Mena [2]	Ouachita												2.76			.47	T.				.59	2.09	.05										5.96
Monticello [1]	Ouachita							T.	.38							.25				.38	2.04	.74											3.79
Morobay [2]	Ouachita								.06							.02				.03	1.59	.16											1.86
Morrilton [2]	Arkansas												.74	T.			.19				.38	2.20	.04								.03		3.58
Mountainburg	Arkansas											.03	1.76			.67					1.70	2.65											6.81
Mountain Home	White											.10	.50			1.40					.50	.60											3.10
Mountain View [2]	White									.13			.13			.33						.84	.57				.02						2.02

Daily Precipitation for September, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita									.84	.13					1.55					2.10	T.											4.62
Mulberry[2]	Arkansas	.09								T.			1.45			.29					.27	2.40	T.										4.50
Nashville	Red										.15		.63			.32				.01	.01	1.11	.37				T.						2.60
Newport[2]	White												.85			.15	.25					.67	.10					.02					2.04
Nimrod Dam[2]	Arkansas		T.							.13		T.	.87	T		.40					.60	.88		.01							.04		2.93
Oark[2]	Arkansas												1.50			.30					T.	3.10											4.90
Odell[2]	Arkansas												1.96			2.40					.11	3.38				.03							7.88
Oden	Ouachita								2.00	T.			1.75			1.00				1.50	T.	1.25											7.50
Okay	Red											.57				.06					1.05	.38											2.06
Osceola[2]	Mississippi											T.				.14	.07						.49										0.70
Ozark[2]	Arkansas												1.74			.94	T.				.28	1.16	.05										4.17
Paragould	St. Francis												.60									1.27		.06						.15			2.08
Parkin[2]	St. Francis															1.22						.65	.52										2.39
Parthenon[2]	White																																....
Perryville[2]	Arkansas		T.						T.				.90			.83					1.60												3.33
Pine Bluff[2]	Arkansas												.01			.03	.08				1.10	1.09	.05										2.36
Pine Ridge[2]	Ouachita									.30			1.59			.91					1.76	1.53	.03										6.12
Pocahontas	White									.12			.62			.12					.01	.98								.25			2.10
Portland[2]	Ouachita							.12								T.					1.12		.05										1.29
Prescott[2]	Ouachita												1.75	.10		.02					.85	.57											3.29
Ratcliff[2]	Arkansas												2.08								*	2.80											4.88
Red Star	White																																....
Rogers	White								.76	T.		.65	1.11								.81	2.44											5.77
Russellville	Arkansas												1.61			.11					1.18	.30											3.20
St. Charles[2]	White															.40	T.				.25		.65	.10									1.40
St. Francis[2]	St. Francis												.56									.12	1.70								.25		2.63
Searcy[2]	White	T.											1.25			.18	.16				.12	1.63	.02										3.36
Sheridan	Ouachita		.08					.09	.04				.75			.14				T.	2.05	.15											3.30
Shirley[2]	White									.04			.83			.31					.11	1.44									.37		3.10
Siloam Springs	White											.67	1.03		T.						.85	1.05				T.	.03						3.63
Sparkman	Ouachita																																....
Stamps	Red												1.19			.22				.27	1.22	.31											3.21
Steve[2]	Arkansas									T.			1.55			.35						1.25	.30										3.45
Story[2]	Ouachita											1.06					.67			T.	T.	.65											2.38
Stuttgart[2]	Arkansas																			T.	.70	4.00	.12	T.									4.82
Stuttgart Evap[2]	Arkansas															.05					.55	2.30	.81				T.						3.71
Subiaco[2]	Arkansas								T.				1.50			T.					1.65	.59									T.		3.74
Sugar Grove[2]	Arkansas									T.	T.		2.55			.30					.95	.78	.10										4.68
Sugar Loaf Mt[2]	White		.02										1.11	.06			.31					1.29	.06					.14			.01		3.00
Texarkana[3]	Red								T.		.03		.96		T.	.05				.38	1.31	.35					T.						3.08
Tichnor[2]	White																																....
Turnpike	Arkansas												.86		.20						2.62	1.30					.06			.05			5.09
Viola[2]	White										.15		.28			.30						.50	1.10										2.33
Waldron[2]	Arkansas								1.30				3.12			T.					.85	.45											5.72
Walnut Grove	White												.80			.19					.19	.53											1.71
Warren	Ouachita							T.	T.			T.	.05			.06				.06	1.88	.54											2.59
Whitecliffs[2]	Red											.20	.58			.10					1.00	.43	T.										2.31
White Rock	Arkansas												1.64				.20				.84	3.66											6.34
Wilson[2]	Mississippi																						.65										....
Wynne	St. Francis												.05			.40					.14	1.61											2.20
Yellville[2]	White																																....

Daily Evaporation (inches), and Wind Movement (miles) for September, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.218	.305	.384	.259	.350	.755	.346	.338	.386	.348	.372	.392	.068	.148	.130	.203	.385	.504	.138	.250	.166	.136	.346	.068	.158	.078	.262	.185	.053	.260	....	7.991
	Wind move	16	21	12	13	43	14	13	25	14	42	30	47	25	35	34	15	26	7	57	57	84	26	61	29	17	6	4	16	28	20	....	837
Hope Exp. Farm	Evap.	.178	.254	.238	.209	.247	.278	....	....	.227	.232	.220	....	.171	*	.402	.194	.174	.183	.228	.069	.049	.134	.279	.197	.175	.193	.193	*	.344	.167	....	5.817
	Wind move	23	16	16	22	16	36	*	41	23	14	28	36	31	*	44	46	21	20	54	104	80	70	82	39	22	31	54	*	28	31	....	1,028
Nimrod Dam	Evap.	.302	.362	.348	.286	.362	.434	.360	.284	.178	.126	.408	.352	.184	.276	.316	.160	.200	.214	.198	.218	.020	.092	.218	.174	.180	.170	.140	.184	.146	.154	....	7.046
	Wind move	13	29	8	11	30	54	36	20	10	12	40	55	44	26	23	11	16	5	15	9	60	66	13	7	8	6	7	7	7	16	....	664
Norfork Dam	Evap.	.361	.426	.314	.290	.402	.380	.421	.333	.276	.190	.460	.256	.228	.207	.402	.228	.222	.156	.336	.178	.182	.035	.251	.153	.166	.131	.170	.178	.184	.175	....	7.691
	Wind move	31	22	28	21	43	17	41	9	23	23	35	26	60	70	78	25	42	32	20	86	96	46	47	25	22	16	43	27	36	46	....	1,136
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	16	10	9	12	18	11	13	12	14	18	26	23	17	17	22	14	13	15	17	55	53	18	9	6	4	18	3	9	6	17	....	495
Stuttgart Rice Exp. Farm	Evap.	.276	.221	.268	.243	.251	.329	.261	.251	.271	.194	.267	.251	.241	.189	.245	.158	.189	.186	.151	....	.088	.400	.221	.148	.143	.151	.154	....	....	....	....	6.631
	Wind move	10	20	10	10	15	35	20	30	10	20	55	55	20	20	60	30	15	25	35	125	175	80	85	45	10	20	55	40	....	....	....	....

PRECIPITATION

The month was slightly below normal in precipitation with 3.28 inches, 0.05 inch below the normal. Most of the stations in the alluvial section reported deficiencies, some more than 50%, while practically all those in the mountainous section were above normal.

Oden reported the greatest monthly total with 7.50 inches, which is more than twice their normal fall. Osceola, across the State, reported the least with 0.70 inch. The greatest 24 hour fall, 4.00 inches, occurred at Stuttgart on the 21st. Most of the stations in the State reported their greatest 24-hour amounts on the 20th and 21st.

Hail was reported in thunderstorms at Crossett on the 7th; Oden, 8th; and Mammoth Springs, 10th. No damage was reported.

J.C.H.

Daily Temperatures for September, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork............	Maximum	102	103	102	103	104	104	105	100	97	95	94	91	89	93	84	83	89	93	89	85	76	75	73	80	85	80	80	82	85	75	....	89.9
	Minimum	74	74	68	68	74	70	70	70	67	69	73	66	57	58	55	52	58	55	69	70	67	60	45	44	50	59	60	52	56	54	....	62.1
Arkadelphia ..../	Maximum	102	102	98	98	100	99	100	98	97	94	96	95	82	87	95	77	84	91	93	83	74	78	80	75	81	85	82	83	81	83	....	89.1
	Minimum	70	73	67	68	70	70	70	71	69	70	72	67	57	57	63	58	59	59	68	70	70	58	47	43	44	50	55	55	55	55	....	62.0
Ashdown............../	Maximum	95	101	97	100	100	101	100	101	99	97	96	94	82	87	94	78	84	91	92	84	74	82	81	75	80	84	85	83	86	84	....	89.6
	Minimum	70	70	68	69	67	68	67	67	67	67	60	68	54	61	65	61	60	64	65	71	68	54	46	43	47	54	56	54	54	57	....	61.4
Batesville Air..........	Maximum	108	97	99	107	105	100	106	103	93	99	97	85	90	96	78	80	89	91	90	81	75	70	71	80	83	76	76	79	84	68	....	88.5
	Minimum	74	64	60	69	74	69	72	74	72	70	75	67	57	61	60	50	49	66	63	73	58	51	46	42	49	59	51	49	57	54	....	61.2
Batesville, Livestk ...../	Maximum	104	109	99	100	109	105	102	107	103	104	100	99	86	91	95	91	94	96	92	92	80	75	71	72	79	84	77	71	80	83	....	91.7
	Minimum	67	70	57	65	71	65	68	68	66	67	76	66	53	62	64	69	67	69	69	72	70	52	39	40	46	54	47	45	52	52	....	60.9
Bee Branch............	Maximum	108	104	103	105	107	105	107	104	98	99	96	91	89	96	92	83	90	94	93	89	74	75	77	85	86	83	81	80	84	77	....	91.8
	Minimum	72	69	61	64	69	68	69	69	65	66	74	64	55	57	57	49	51	64	64	71	67	57	41	43	49	59	52	51	52	56	....	60.2
Benton ..../	Maximum	105	105	101	101	105	106	105	104	101	95	96	95	85	88	94	77	84	91	93	88	81	77	77	74	80	85	82	82	81	83	....	90.7
	Minimum	70	68	61	61	65	66	66	65	65	65	67	65	53	53	56	48	47	51	62	67	68	53	42	40	42	41	51	52	49	51	....	57.0
Bentonville ..../	Maximum	103	102	101	104	104	99	104	104	100	97	95	94	76	84	91	79	83	91	94	92	81	77	69	78	84	85	84	81	84	85	....	90.2
	Minimum	71	58	62	69	66	60	62	68	65	71	72	63	52	58	52	48	56	60	60	64	62	49	41	44	51	58	53	51	57	51	....	58.5
Bethesda..............	Maximum	103	108	100	98	109	106	101	106	103	91	105	106	84	100	95	79	80	88	91	92	80	75	71	72	79	84	77	71	80	83	....	90.6
	Minimum	68	61	57	62	68	64	66	68	66	67	76	61	52	70	55	45	45	58	58	72	70	52	39	40	46	54	47	45	52	52	....	75.9
Blytheville............	Maximum	104	96	97	100	104	99	105	101	87	98	95	88	90	97	85	83	92	92	92	88	88	70	72	80	84	75	78	78	68	65	....	88.4
	Minimum	73	68	63	69	73	72	74	75	72	72	75	70	62	58	62	52	55	75	65	67	63	55	42	45	55	57	47	56	54	51	....	62.6
Booneville	Maximum	109	108	108	108	109	109	107	101	100	98	99	88	92	96	93	89	91	93	89	87	81	79	75	83	87	84	82	89	89	83	....	93.5
	Minimum	73	67	70	71	71	70	71	72	73	72	74	69	54	64	65	55	63	65	66	73	67	54	46	46	53	63	59	53	60	61	....	64.0
Brinkley	Maximum	106	100	100	105	105	105	105	103	92	100	100	93	93	99	92	84	95	93	91	86	81	74	73	80	85	82	81	80	83	77	....	91.4
	Minimum	72	64	60	64	70	67	75	71	66	71	74	66	56	59	60	50	49	67	66	73	66	54	43	43	46	58	52	54	54	58	....	60.9
Camden.	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Conway	Maximum	112	107	106	109	110	110	108	106	101	101	99	89	95	100	90	87	95	97	94	87	77	78	78	85	88	84	83	85	88	82	....	94.4
	Minimum	73	65	63	69	66	68	72	70	67	70	74	67	53	65	57	50	52	65	64	71	71	51	41	42	48	59	52	49	54	60	....	60.9
Corning	Maximum	92	105	95	96	103	102	98	103	101	89	100	98	87	94	96	78	83	91	93	91	88	74	69	70	79	81	76	79	80	66	....	88.6
	Minimum	71	61	61	65	71	71	68	72	70	70	75	69	58	56	58	47	49	56	66	68	72	52	41	41	48	55	46	48	55	50	....	59.7
Crossett..............	Maximum	105	103	104	105	105	103	102	98	98	95	98	93	93	98	90	90	96	94	88	85	81	78	75	82	85	85	84	80	87	77	....	91.9
	Miuimum	70	74	67	63	69	72	69	67	65	71	71	70	61	62	71	59	57	72	72	72	72	56	46	45	44	56	64	59	47	55	....	63.3
Cummins Farm.........	Maximum	102	101	102	101	102	105	102	98	98	97	95	90	90	96	97	91	90	91	85	85	79	75	82	76	82	82	80	79	79	78	....	90.8
	Miuimum	74	71	63	67	67	71	73	69	69	66	71	70	56	59	59	56	60	67	70	70	69	59	57	58	59	61	55	56	56	54	....	63.7
Dardanelle............	Maximum	107	108	103	101	106	108	108	107	101	98	97	97	92	96	91	85	91	94	94	89	80	79	78	84	86	84	84	82	87	88	....	93.5
	Minimum	75	70	68	70	73	68	68	72	69	69	73	68	55	61	60	55	56	65	66	72	68	55	46	45	52	64	53	52	52	59	....	62.6
De Queen....	Maximum	98	95	95	96	97	98	95	94	94	92	92	86	89	90	84	80	88	90	85	77	80	79	74	79	82	82	79	82	82	79	....	87.1
	Minimum	71	71	65	69	66	67	67	70	69	69	69	67	54	60	59	57	62	68	65	69	66	55	47	44	50	58	57	56	56	60	....	62.1
Des Arc	Maximum	103	98	100	101	102	100	103	102	96	93	96	94	87	90	76	80	88	90	91	85	78	80	72	79	88	79	79	78	80	78	....	88.9
	Minimum	69	72	74	72	72	72	70	72	68	68	70	68	56	58	57	58	60	58	59	70	70	58	50	50	64	64	60	58	60	60	....	63.9
Devil's Knob..........	Maximum	104	100	99	98	101	100	101	99	95	92	91	84	84	85	80	75	84	88	85	78	68	67	70	79	79	78	75	78	82	73	....	85.7
	Minimum	77	67	69	70	74	78	75	75	67	69	67	61	54	57	52	52	58	66	63	66	56	54	42	52	60	61	50	55	59	51	....	61.9
Dumas	Maximum	106	102	100	104	106	106	103	101	96	101	101	96	92	101	89	85	92	94	94	86	80	80	73	78	85	85	82	78	80	78	....	91.8
	Minimum	74	74	74	64	70	74	75	70	66	73	74	72	60	61	67	54	53	74	73	71	71	59	45	47	47	59	55	65	50	59	....	64.3
El Dorado	Maximum	102	98	101	101	102	102	101	99	96	98	97	87	92	99	78	87	93	90	81	79	79	78	72	79	83	84	83	82	82	75	....	89.3
	Minimum	73	75	70	68	70	72	74	69	66	63	65	67	56	57	66	63	61	64	70	71	73	57	45	46	48	51	58	57	53	55	....	62.8
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs........	Maximum	100	97	100	102	97	100	102	98	95	96	90	76	83	90	81	81	89	90	86	77	74	68	71	81	84	79	74	81	80	69	....	86.4
	Minimum	79	64	72	78	75	64	74	75	71	74	70	63	59	67	54	52	58	64	62	70	59	54	41	46	56	61	53	55	63	49	....	63.1
Fayetteville...........	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fayetteville Exp. S.....	Maximum	101	100	103	103	98	104	102	101	96	95	90	76	82	91	88	80	90	92	88	80	74	72	74	80	84	85	80	83	82	73	....	88.2
	Minimum	70	58	63	70	69	57	72	69	66	71	62	62	51	65	52	46	54	58	58	69	58	49	40	42	51	61	53	51	61	52	....	58.7
Fordyce...............	Maximum	110	105	104	103	103	104	103	100	101	97	96	90	98	96	92	87	94	95	90	82	80	80	71	81	85	85	84	83	84	79	....	92.3
	Minimum	75	74	69	70	73	72	72	69	67	74	73	67	61	59	64	58	58	68	68	71	69	58	44	46	51	59	55	56	56	59	....	63.8
Fort Smith............	Maximum	105	103	105	105	104	106	105	100	98	97	96	79	89	95	80	84	92	94	90	82	80	76	76	83	85	84	82	88	86	71	....	90.7
	Minimum	74	69	69	70	74	66	70	73	72	73	67	63	56	64	60	54	62	66	66	72	61	53	48	51	55	64	59	55	63	56	....	63.5
Gilbert................/	Maximum	105	104	100	103	105	103	104	105	103	97	98	97	81	89	95	80	85	92	96	95	79	75	72	75	84	85	82	80	89	84	....	91.4
	Minimum	69	56	56	61	64	59	62	64	63	63	69	66	52	52	58	45	43	49	56	61	68	48	41	41	44	52	49	44	49	53	....	55.2
Grannis ..../	Maximum	97	94	95	96	96	95	96	94	91	90	90	79	83	88	79	77	85	88	83	72	76	76	73	79	82	81	79	82	78	72	....	84.9
	Minimum	73	64	68	70	68	67	69	67	70	67	65	55	59	57	54	59	65	65	69	65	56	44	45	52	60	54	54	56	54	45	....	60.5
Gravette..............	Maximum	102	101	105	105	100	103	104	102	96	94	89	75	83	90	76	82	90	91	89	79	76	69	77	83	84	83	81	82	82	73	....	88.2
	Minimum	70	61	66	71	66	61	72	71	65	74	65	62	54	67	52	51	58	62	60	70	61	53	42	46	55	59	56	52	60	52	....	60.5
Green Mountain........	Maximum	103	103	98	105	101	98	105	101	95	101	99	90	89	95	96	82	89	90	90	85	88	90	71	78	82	81	84	83	84	90	....	91.5
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	64	64	62	62	66	73	70	68	68	70	60	....	....
Harrison	Maximum	100	98	100	105	100	101	105	100	95	95	93	80	88	94	85	82	90	93	89	80	74	70	72	81	82	80	77	82	84	71	....	88.2
	Minimum	71	55	56	66	76	57	61	65	68	65	69	62	49	58	53	43	45	53	55	68	58	48	36	39	46	57	51	45	56	46	....	55.9
Helena...	Maximum	101	94	98	100	102	101	102	96	88	96	96	93	87	97	92	83	92	92	88	88	83	73	73	79	85	82	81	79	81	77	....	89.3
	Minimum	73	63	66	70	71	76	73	70	71	74	71	64	60	71	55	54	67	70	77	73	57	46	48	49	58	59	60	54	59	46	....	63.5
Hope................./	Maximum	100	100	97	98	98	99	100	98	96	95	96	95	80	89	94	76	82	90	89	80	75	81	78	72	78	82	81	81	85	84	....	88.3
	Minimum	74	73	70	70	73	72	72	71	69	71	73	66	58	62	66	62	61	62	70	71	70	58	47	46	50	54	58	56	57	60	....	64.1
Hot Springs............	Maximum	106	104	102	104	103	104	102	98	96	96	95	89	89	94	90	85	91	96	89	80	75	80	78	85	88	84	85	84	85	75	....	91.1
	Minimum	76	75	71	74	80	75	76	74	70	75	75	67	60	67	64	56	60	70	69	70	68	57	46	49	55	63	56	56	56	60	....	65.7
Jonesboro	Maximum	105	95	96	102	102	99	105	101	88	97	95	86	89	97	77	82	91	92	90	88	80	73	70	77	82	74	75	77	78	65	....	87.6
	Minimum	70	72	61	67	73	71	71	72	68	69	71	66	60	56	61	48	52	56	66	70	70	55	43	43	45	52	50	51	56	52	....	60.6
Lead Hill...............	Maximum	106	101	104	110	102	104	108	106	100	101	100	82	92	96	85	84	90	94	90	80	75	70	74	83	85	80	76	86	83	69	....	90.5
	Minimum	74	55	57	65	67	57	64	66	64	70	68	66	50	60	57	46	47	56	58	71	62	47	38	41	48	62	52	45	53	45	....	57.0
Little Rock..........	Maximum	106	97	97	104	103	103	101	98	92	95	95	84	89	93	77	81	89	91	87	83	76	75	72	79	82	79	79	78	83	70	....	87.9
	Minimum	74	74	68	68	72	76	73	71	69	75	74	67	59	63	57	55	57	68	70	71	61	54	48	50	54	62	56	56	55	52	....	63.6
Lutherville.............	Maximum	105	102	103	104	105	105	107	104	99	99	100	92	89	96	82	81	89	93	92	87	78	74	75	84	84	82	80	82	85	80	....	91.3
	Minimum	71	70	66	67	72	68	68	69	66	69	71	62	50	60	55	65	54	63	65	68	63	57	40	39	51	60	58	51	55	55	....	60.8
Magnolia...............	Maximum	102	101	101	102	104	105	102	99	98	97	100	96	90	98	92	85	95	94	91	78	83	81	74	80	83	84	83	84	84	79	....	91.5
	Minimum	74	74	70	70	72	71	73	71	70	73	74	68	58	67	68	62	64	69	70	71	69	58	45	45	50	57	57	59	56	58	....	64.8
Mammoth Spring......	Maximum	101	97	94	105	100	100	105	105	92	95	98	92	90	95	82	82	90	93	91	87	77	69	72	79	81	81	75	79	77	68	....	88.4
	Minimum	69	59	56	61	65	62	65	66	66	67	65	67	65	52	58	44	45	60	59	72	62	50	39	41	46	47	47	46	52	44	....	56.6
Marianna............./	Maximum	105	97	97	102	103	103	103	99	87	96	96	91	89	98	78	81	91	90	89	91	84	80	72	78	84	80	80	77	82	70	....	89.1
	Minimum	72	70	68	66	70	71	76	70	68	69	72	69	56	57	65	51	52	67	67	76	70	56	43	43	43	54	51	57	50	59	....	61.9
Marked Tree........../	Maximum	99	102	94	97	101	103	100	104	101	90	97	96	89	92	97	77	83	92	93	92	90	91	70	71	76	85	78	80	79	83	....	90.1
	Minimum	72	68	59	61	67	70	70	71	68	68	69	68	58	56	62	58	49	53	65	67	71	56	42	42	46	50	47	48	50	53	....	59.5
Marshall............../	Maximum	105	98	102	105	103	105	105	103	95	98	95	84	88	93	86	81	90	95	93	80	74	68	70	81	85	77	77	80	84	73	....	89.1
	Minimum	74	60	60	77	80	62	72	71	71	75	74	65	51	62	58	46	58	62	59	71	64	50	39	41	49	60	49	50	63	53	....	60.9
Mena...................	Maximum	100	101	97	98	97	98	99	98	96	94	93	92	80	87	92	77	84	89	91	82	71	76	76	72	80	83	83	83	85	85	....	88.0
	Minimum	71	71	65	66	71	71	70	70	68	71	74	66	52	53	57	52	58	64	64	70	65	55	47	45	50	58	56	54	54	61	....	61.6
Monticello............	Maximum	106	103	104	104	105	105	101	100	96	96	98	92	93	99	80	86	90	94	81	85	78	75	72	80	83	84	82	78	82	72	....	90.1
	Minimum	75	75	71	72	73	74	77	71	67	73	73	70	59	70	65	60	60	69	71	72	66	55	47	50	55	62	57	59	54	53	....	65.2
Morrilton............./	Maximum	106	108	102	95	107	105	106	105	102	97	98	98	83	93	92	80	82	90	93	81	78	76	75	74	81	85	80	80	82	86	....	90.7
	Minimum	75	70	66	69	72	67	69	71	68	70	74	66	51	55	55	53	52	51	64	56	70	57	44	45	46	52	53	51	54	56	....	60.1
Mountain Home........	Maximum	104	96	99	106	102	100	106	102	94	100	98	82	90	96	83	80	87	90	90	78	76	70	73	80	82	78	75	83	79	67	....	88.2
	Minimum	73	59	59	66	68	62	66	68	65	66	70	66	52	56	55	48	50	62	61	72	63	50	38	42	50	59	51	47	56	47	....	58.2
Mt. Ida................	Maximum	103	101	101	101	100	101	103	98	94	92	92	88	90	86	82	83	89	90	86	83	82	79	75	82	85	84	83	85	86	78	....	89.4
	Minimum	70	66	64	66	66	64	65	67	64	66	69	64	62	59	51	49	53	60	62	56	54	49	41	38	45	48	52	56	52	49	....	57.6
Nashville	Maximum	101	97	99	98	100	100	100	96	95	95	93	84	86	93	81	82	88	90	86	83	79	79	79	74	81	82	82	84	84	74	....	88.2
	Minimum	74	74	69	72	70	71	69	71	70	72	73	67	57	62	65	61	62	67	72	72	71	65	56	48	46	51	59	57	57	62	....	64.7
Newport................	Maximum	108	101	100	105	107	105	109	105	95	101	99	90	92	98	80	85	95	96	94	86	83	75	71	82	86	81	81	80	83	72	....	91.5
	Minimum	74	67	60	61	62	71	71	72	71	70	70	68	57	57	59	51	50	51	64	76	73	54	45	44	46	50	51	49	50	54	....	59.9
Nimrod Dam........../	Maximum	103	106	105	104	101	104	106	104	99	97	95	95	84	91	95	80	85	90	94	94	76	78	78	75	83	86	82	78	84	87	....	91.3
	Minimum	74	68	64	67	70	67	68	68	66	70	71	66	54	60	57	49	53	58	63	67	68	53	45	45	50	55	52	50	57	59	....	60.5
Oden	Maximum	92	98	98	98	98	98	99	97	100	93	93	80	88	92	77	84	89	91	87	85	84	86	89	82	82	85	85	86	88	68	....	89.1
	Minimum	66	66	63	66	67	67	65	68	72	72	73	61	55	60	61	53	61	65	65	48	52	61	63	62	56	53	57	53	60	53	....	61.5

Daily Temperatures for September, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	101	99	99	99	100	101	100	97	97	94	94	93	87	93	92	85	92	91	89	81	82	80	79	81	84	83	82	85	85	54	....	90.3
	Minimum	72	72	69	69	69	70	70	70	69	69	73	71	64	61	61	61	61	66	68	66	69	56	46	43	49	69	69	56	56	60	....	64.1
Ozark	Maximum	109	110	104	104	109	109	107	108	100	100	100	97	90	91	96	82	82	90	92	92	75	79	78	72	83	85	83	79	82	85	....	92.4
	Minimum	74	64	66	67	70	68	68	72	73	74	74	68	55	55	60	55	55	65	65	65	67	56	49	48	48	56	56	57	56	62	....	62.3
Paragould	Maximum	....	....	....	....	....	....	....	....	....	....	....	88	89	96	91	82	93	94	94	93	93	69	70	73	82	82	82	82	73	65	....	....
	Minimum	65	62	55	59	67	67	63	63	66	65	72	68	56	52	59	43	46	62	63	74	64	56	41	41	42	56	43	47	49	51	....	57.2
Perryville	Maximum	108	104	104	108	108	109	106	103	98	99	98	90	93	96	89	84	89	93	91	85	78	75	76	82	83	84	85	84	90	86	....	92.6
	Minimum	62	82	59	64	65	64	68	66	64	66	71	66	61	54	55	49	56	49	59	71	68	62	64	41	42	45	46	47	55	52	....	59.1
Pine Bluff	Maximum	105	106	104	103	106	105	106	106	104	96	99	97	88	94	99	78	88	95	97	89	82	76	79	74	80	86	84	83	81	85	....	92.5
	Minimum	76	77	70	69	70	75	76	73	70	72	74	70	60	62	64	57	57	62	70	72	74	59	47	48	52	55	56	56	56	60	....	64.6
Pocahontas	Maximum	106	101	99	105	105	100	107	105	94	100	99	91	90	95	92	84	92	95	96	89	84	72	74	81	85	78	79	79	73	68	....	90.6
	Minimum	69	65	59	65	72	69	69	70	69	67	75	67	55	54	56	48	49	54	65	72	63	55	41	45	51	58	48	48	53	49	....	59.3
Portland	Maximum	104	102	102	105	105	105	100	95	94	96	97	93	89	98	85	87	95	94	87	87	83	79	76	81	86	87	81	76	82	74	....	90.8
	Minimum	73	74	70	70	72	72	72	70	68	70	70	75	64	73	74	65	60	69	74	75	75	60	50	51	55	59	58	63	50	60	....	66.4
Prescott	Maximum	103	99	101	101	100	100	100	99	98	98	95	89	88	94	90	83	91	91	85	81	83	78	76	78	83	85	83	84	85	80	....	90.0
	Minimum	78	74	78	76	78	75	74	72	74	72	73	68	64	65	68	65	67	70	70	72	73	64	54	55	66	67	65	66	67	67	....	69.2
Rogers	Maximum	102	100	105	105	100	103	105	103	95	96	90	78	84	92	77	82	91	92	89	74	83	68	74	82	84	84	80	83	83	70	....	88.5
	Minimum	72	62	65	70	68	62	69	70	65	70	65	62	52	60	52	47	55	60	61	70	61	52	42	45	55	62	54	51	60	52	....	59.7
Russellville	Maximum	110	105	103	108	107	107	107	104	99	99	99	94	93	91	90	83	91	95	94	89	79	78	78	84	86	82	81	85	87	80	....	92.9
	Minimum	73	67	66	69	70	68	69	72	68	72	76	67	55	59	61	52	54	64	64	72	68	53	44	45	52	62	54	51	56	61	....	62.1
St. Charles/	Maximum	104	104	102	102	104	104	105	103	100	93	96	96	92	91	97	75	84	91	93	90	84	84	75	72	79	85	83	81	77	82	....	90.9
	Minimum	74	73	64	66	69	73	74	73	68	72	74	70	60	65	68	59	54	67	69	72	74	54	45	48	49	58	54	59	51	58	....	63.8
Searcy	Maximum	107	102	102	107	107	107	109	104	97	101	99	91	93	97	86	84	93	94	92	82	76	73	72	81	86	80	80	81	84	70	....	91.2
	Minimum	74	70	63	66	74	73	74	73	69	70	75	67	58	60	58	52	52	67	68	73	67	58	45	47	52	63	53	52	53	57	....	62.8
Sheridan	Maximum	103	101	102	104	103	104	103	103	93	97	97	87	90	94	85	83	91	91	87	88	79	75	72	79	82	80	80	81	84	73	....	89.7
	Minimum	73	69	55	68	73	69	73	70	69	63	73	66	55	59	57	51	51	64	64	70	65	40	43	41	40	59	42	52	52	58	....	59.5
Siloam Springs	Maximum	100	101	105	104	93	103	103	100	98	96	88	77	85	93	77	82	90	91	90	79	76	69	76	83	84	83	80	83	81	71	....	88.2
	Minimum	74	64	65	71	69	61	73	71	68	76	65	63	52	66	54	48	59	62	60	70	62	54	44	46	54	63	57	55	61	55	....	61.4
Stuttgart	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart Evap/	Maximum	103	103	99	99	101	103	103	103	96	93	95	95	90	90	98	79	84	90	93	90	85	80	73	71	77	83	81	79	....	....	....	^{b}90.6
	Minimum	74	72	64	65	69	70	72	71	67	72	73	68	57	60	67	53	57	60	69	71	71	58	46	47	50	55	54	54	....	....	....	^{b}63.1
Subiaco	Maximum	106	100	101	105	103	104	106	100	97	96	96	86	88	95	80	85	91	92	89	84	73	73	70	78	83	79	77	81	78	79	....	89.2
	Minimum	76	73	68	70	79	70	74	74	71	78	75	67	55	62	60	54	58	65	67	71	62	59	45	46	54	63	56	54	58	60	....	64.1
Texarkana	Maximum	100	98	100	100	100	100	98	96	96	96	95	81	88	94	77	84	92	91	82	76	78	80	73	78	82	84	82	84	83	76	....	88.1
	Minimum	75	76	73	74	74	72	74	73	70	73	74	65	59	67	66	64	64	68	70	72	65	58	50	48	53	60	59	59	60	59	....	65.8
Turnpike	Maximum	101	97	97	98	99	99	98	98	93	90	89	80	85	88	78	77	84	88	85	77	69	66	68	77	78	75	75	71	79	69	....	84.3
	Minimum	77	70	71	73	76	72	70	75	68	70	69	61	58	66	64	55	59	66	65	65	53	54	40	52	58	58	60	64	....	....	....	^{b}63.9
Waldron	Maximum	103	100	102	102	103	103	103	100	97	95	94	90	91	93	90	85	91	93	88	84	79	77	74	82	86	84	82	87	87	81	....	90.9
	Minimum	71	67	64	67	67	64	67	68	68	73	77	66	52	58	58	50	62	62	60	70	67	51	43	43	50	61	50	51	52	60	....	60.6
Warren	Maximum	106	102	102	103	104	104	100	97	98	97	97	89	93	97	89	87	93	92	92	86	80	77	76	78	83	84	76	83	79	73	....	90.6
	Minimum	76	78	69	67	77	76	79	72	71	67	76	70	61	67	61	61	58	68	73	73	72	58	56	46	57	56	49	53	52	46	....	64.8
White Rock	Maximum	105	101	99	101	102	100	101	99	95	92	89	79	82	88	75	78	86	88	87	78	70	70	74	80	81	78	76	80	83	72	....	86.3
	Minimum	78	72	72	75	71	74	75	76	69	70	69	63	55	65	53	54	62	63	68	67	58	56	45	51	60	62	53	57	61	54	....	63.6
Wilson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne/	Maximum	102	94	95	102	103	97	104	100	90	96	96	86	90	97	86	80	91	90	90	89	80	70	69	77	81	77	71	77	80	72	....	87.7
	Minimum	75	70	61	68	70	72	75	74	70	72	73	68	59	60	59	54	54	71	66	73	66	56	44	44	49	60	52	54	56	58	....	62.8

Daily River Stages for September, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.8	3.6	3.2	2.4	2.1	3.1	3.1	3.1	3.1	2.6	2.0	3.2	7.4	7.1	6.0	6.0	3.6	3.3	3.4	3.4	3.7	4.0	4.7	4.1	3.2	3.3	4.1	3.9	3.8	3.4	....
Van Buren	do	22	4.0	3.8	3.4	2.7	2.3	3.3	3.2	3.2	3.2	2.6	2.2	3.3	7.4	7.3	6.3	6.2	3.9	3.4	3.0	3.4	3.9	4.1	5.0	4.3	3.5	3.6	4.3	4.1	3.8	3.6	....
Danville	Petit Jean	20	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.4	2.4	2.6	2.5	2.4	2.4	2.3	2.3	3.0	3.3	3.0	3.0	3.0	3.6	3.6	3.6	3.5	3.5	3.5	....
Ozark	Arkansas	22	1.0	0.7	0.5	0.3	-0.1	-0.3	-0.8	-0.8	-0.8	-0.8	-0.8	0.6	0.0	3.4	3.2	2.6	1.6	1.2	0.5	0.2	0.6	0.8	0.9	1.5	1.0	0.5	0.5	0.9	0.9	0.8	....
Dardanelle	do	22	2.6	2.2	1.9	1.8	1.5	1.2	1.0	1.2	1.4	1.4	1.3	1.1	1.0	1.4	4.5	4.5	3.6	2.9	2.1	1.7	1.5	1.9	2.1	2.3	2.8	4.6	1.8	1.7	2.2	2.1	....
Morrilton	do	20	-3.2	-2.8	-3.4	-3.6	-3.8	-4.0	-4.4	-4.5	-4.2	-4.1	-4.1	-4.2	-4.4	-4.6	-2.8	-0.8	-1.4	-2.2	-3.0	-3.6	-3.9	-3.9	-3.6	-3.4	-3.0	-2.8	-3.4	-3.8	-3.6	-3.6	....
Little Rock	do	23	0.9	1.3	1.6	1.3	1.2	1.1	0.9	0.7	0.7	0.8	0.9	0.9	0.9	0.8	0.7	1.5	2.8	2.5	2.0	1.8	1.5	1.2	1.1	1.2	1.3	1.6	1.6	1.3	1.1	1.2	...
Pine Bluff	do	25	1.2	1.2	1.7	2.1	1.8	1.6	1.4	1.2	1.0	0.7	0.9	1.1	1.2	1.2	1.0	0.8	1.8	3.8	3.6	3.0	2.4	2.1	1.6	1.4	1.4	1.7	2.1	2.2	1.8	1.4	....
Gilbert	Buffalo	30	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	....
Black Rock	Black	14	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.4	1.5	1.5	1.5	1.6	1.5	1.5	1.4	1.5	1.7	....
Forsyth, Mo.	White	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cotter	do	21	1.3	1.3	1.3	1.1	1.1	1.0	1.1	1.0	0.9	0.7	0.7	1.3	1.3	1.0	1.0	1.0	0.8	0.8	0.9	0.9	1.0	1.2	1.2	1.7	1.8	1.7	1.6	1.5	1.5	1.5	....
Calico Rock	do	18	1.3	1.6	1.5	1.4	1.5	1.4	1.5	0.6	1.2	1.4	1.4	1.4	1.1	1.1	0.4	1.0	1.2	1.6	1.4	1.2	1.2	0.3	1.1	1.3	1.4	1.6	1.6	1.4	1.2	1.6	....
Lock 3	do	..	6.6	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	6.3	6.3	6.3	6.3	6.3	6.3	5.9	6.2	6.2	6.2	6.3	6.4	6.3	5.9	6.2	6.6	6.7	6.6	6.6	6.5	6.2	....
Batesville	do	23	5.7	5.7	6.2	6.3	6.2	6.0	6.3	6.2	5.2	6.0	6.0	6.3	6.2	6.0	5.9	5.3	5.8	5.9	6.1	6.0	6.5	6.2	5.3	5.7	6.1	6.4	6.4	6.4	6.3	5.6	....
Newport	do	26	1.5	1.3	0.8	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.5	0.5	0.6	0.7	0.6	0.5	0.3	0.3	0.4	0.5	0.7	0.8	0.7	0.3	0.4	0.7	1.0	1.0	0.9	0.8	....
Augusta	do	32	12.3	12.4	12.0	11.6	11.6	11.6	11.5	11.5	11.5	11.2	11.0	11.0	11.2	11.3	11.3	11.1	10.9	10.7	10.7	10.7	10.8	11.2	11.3	11.2	10.8	10.8	11.2	11.5	11.6	11.6	....
Sugar Loaf Mt.	Little Red	..	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	....
Georgetown	White	21	1.7	1.8	1.8	1.6	1.4	1.3	1.3	1.2	1.2	1.2	1.0	0.8	0.8	0.9	1.0	0.9	0.8	0.7	0.6	0.6	0.7	0.8	0.8	0.9	0.8	0.7	0.7	0.8	1.0	1.2	....
Des Arc	do	24	3.6	3.6	3.8	3.7	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.7	2.8	2.9	....
Clarendon	do	26	8.0	8.0	8.2	8.2	8.2	8.0	7.9	7.8	7.8	7.7	7.7	7.6	7.4	7.4	7.4	7.4	7.4	7.4	7.3	7.2	7.4	7.4	7.4	7.4	7.5	7.5	7.4	7.3	7.3	7.5	....
St. Charles	do	25	7.8	7.8	7.9	8.0	8.0	8.0	7.9	7.7	7.7	7.7	7.6	7.5	7.7	7.3	7.2	7.2	7.3	7.3	7.3	7.2	7.3	7.2	7.2	7.2	7.3	7.4	7.3	7.3	7.1	7.2	....
Glenwood	Caddo	..	4.5	4.6	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.3	4.6	4.6	4.5	4.4	4.4	4.4	4.4	4.3	4.5	5.8	5.7	5.1	5.0	4.9	4.9	4.8	4.6	4.5	4.5	....
Arkadelphia	Ouachita	17	3.6	3.2	4.0	3.4	3.3	3.7	3.5	3.4	3.1	3.3	3.7	3.9	3.6	3.3	3.2	3.1	3.0	3.1	3.4	3.5	3.2	3.5	4.0	3.8	3.6	3.5	3.3	3.2	3.2	3.2	....
Boughton	Little Mo.	20	10.9	8.6	5.4	5.0	5.9	4.5	4.5	4.4	4.3	4.3	4.2	4.2	4.3	4.4	4.4	4.2	4.2	4.3	4.2	4.3	4.4	5.8	8.2	7.2	6.0	5.1	4.8	4.8	4.6	4.6	....
Camden	Ouachita	26	10.2	10.8	10.4	9.2	7.0	5.2	4.8	4.8	4.5	4.3	4.2	4.4	5.0	5.0	4.6	4.5	4.4	4.3	4.2	4.2	4.6	4.5	4.3	4.4	5.6	5.8	5.0	4.6	4.4	4.2	....
Benton	Saline	20	2.6	2.5	2.5	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.6	2.9	2.8	2.8	2.9	3.2	3.0	3.2	3.2	3.4	3.3	3.2	3.2	3.2	3.1	....
Index	Red	25	8.1	8.8	8.1	7.6	7.0	6.8	6.4	6.2	6.1	6.0	6.0	6.0	6.4	6.8	7.0	7.1	7.1	6.8	6.4	6.4	6.4	7.0	7.2	7.2	7.2	7.1	6.5	6.5	6.5	6.4	....
Fulton	do	25	14.0	15.1	15.2	14.2	12.6	10.4	9.0	8.8	8.9	8.8	8.7	8.5	8.1	7.8	8.2	8.4	8.4	8.2	7.9	7.5	7.5	7.8	9.6	10.8	10.5	9.4	8.6	8.1	8.0	7.9	....
St. Francis	do	18	2.5	5.1	5.7	5.4	4.5	3.6	2.8	2.5	2.9	3.5	3.9	3.5	2.9	2.4	2.3	3.1	3.9	4.1	3.7	3.0	2.5	2.7	3.4	4.5	4.5	4.6	4.3	3.6	3.0	2.5	....
St. Francis L.L.	do	..	16.5	16.1	15.7	15.2	16.8	17.6	18.3	18.7	18.0	17.8	17.6	17.9	17.3	16.6	15.8	14.9	13.9	16.0	17.0	15.5	18.0	18.5	18.7	19.0	19.1	19.3	18.5	18.0	17.4	17.0	....
Marked Tree	do	17	3.5	3.5	3.3	3.2	1.0	1.0	0.9	0.9	4.2	4.1	4.1	2.8	2.5	2.5	2.5	3.0	2.9	1.0	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	3.5	3.5	3.5	3.4	....
Parkin	do	28	3.7	3.7	3.6	3.5	3.4	2.7	1.9	1.8	1.7	2.7	3.3	3.2	2.7	3.2	3.5	3.4	3.3	3.1	2.5	1.9	1.7	1.7	1.6	1.6	1.6	1.4	1.5	2.6	3.2	3.2	....
Madison	do	32	2.0	1.9	1.8	1.5	1.4	1.3	1.1	0.9	0.8	0.8	0.7	0.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.1	0.9	0.9	0.7	0.6	0.6	0.5	0.4	0.4	0.8	1.0	....
Helena	Mississippi	44	10.4	10.3	9.7	8.9	8.4	8.3	8.4	8.3	7.8	7.5	8.1	8.7	8.7	9.2	9.4	8.8	7.8	7.0	7.0	7.2	7.3	7.2	6.8	6.3	6.1	6.3	6.3	7.2	7.8	7.6	....
Arkansas City	do	42	8.1	8.3	8.3	7.8	7.2	6.8	6.5	6.4	6.4	6.3	5.8	5.6	5.9	6.5	7.0	7.2	6.9	6.0	5.2	5.4	5.5	5.5	5.3	5.3	4.9	4.4	4.1	4.3	5.0	5.6	....

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott; Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado; Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O., Fort Worth, Texas. 11-7-1947-1225

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. LII Little Rock, Ark., October, 1947 No. 10

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GENERAL SUMMARY

The month of October started out, more or less, in reverse and had its coldest day on the first; then warmed up to the point where it was the warmest October of record.

The first 16 days of the month were relatively dry as far as rainfall was concerned. During most of this period, Arkansas was on the western side of HIGHS centered over the Atlantic Coast. This resulted in a southerly flow during the period.

A weak upper Cold Front moved over the western edge of the HIGH on the 4th and 5th, causing scattered thundershowers on those days. The total rainfall during the showers was small, except for a couple of stations reporting 2.00 inches, or more. Marked Tree reported the greatest with 4.10 inches on the 4th.

A weak LOW developed over Southern Texas on the 16th and began to move NNE. This movement resulted in light to moderate rains over the State on the 17th and 18th.

During the last 9 days of the month, Arkansas was the mixing area for small Cold Masses of Air moving in from Canada, and moist tropical air moving north from the Gulf area. This period accounted for almost 80% of the month's rainfall.

October 1947 was a most favorable month to agriculture. The first half of the month was dry enough to permit rapid harvesting of matured crops, particularly cotton, then the latter half was sufficiently wet to see many crops, such as pastures, winter grains, and berries, in improved condition for the competition with the approaching winter. No killing frosts were reported during the month.

The only storm damage reported during the month was at Weiner, Arkansas. Lghtning struck an oil storage tank during a thunderstorm on the afternoon of the 26th. The tank, 10,000 gallon capacity, exploded when struck and set fire to three similar tanks. The top of the exploded tank landed in the middle of the Main Street of Weiner, 900 feet distant. No one was injured; damage was estimated at $12,000.00.

There were no floods during the month, except for a local heavy rain at Grannis on the 17th. 6.22 inches of rain fell during the day, with hail reported five times during the day. No damage was reported from this rain.

TEMPERATURE

October 1947 set a new record for the warmest month. The mean temperature of 68.3°, 5.4° above the 57-year average, exceeded the previous record by just 0.1°.

For the State as a whole, the first day of the month was the coldest. The lowest temperature reported on this date was 37° by Batesville Livestock Experiment Farm, Bethesda, and Gilbert. 35°, however, was the lowest for the month and occurred at Harrison on the 29th.

The highest temperature was 95° and occurred at Newport on the 14th. More than two-thirds of the reporting stations had highs in the nineties, and most stations reported their highest on the 14th.

Fordyce reported the highest monthly mean with 72.2°, and Magnolia was a runner-up with 72.1°. Mammoth Spring had the lowest average with 63.0°, but still 3.1° above that station's average.

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	..	..	1	33	2	..	..	..	..	..	1	..	..	..	..	2	41	44	1	..	..	..	22	9	51	46	20	1	6	16	62
High Winds	1	..	2	3	1	..	..	..	..	..	1	..	..	..	..	..	1	4	..	..	..	..	..	..	1	2	1	..	..	2	2
Heavy Fog	..	..	..	3	21	4	6	2	4	4	2	3	5	3	7	..	3	5	16	..	9	1	7	23	7	14	9	6	6	8	4
Sleet	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hail	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	1	..	1	1	..	..	..	2	7
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.33	1	29.69	31	6.1	22	nw.	31	90	54	63	71	29
Little Rock	30.39	1	29.73	31	5.5	29	se.	18	90	57	65	75	17
Memphis .	30.36	1	29.73	16	5.6	18	sw.	26	88	51	67	77	21
Texarkana	30.36	1	29.72	31	....	31	sw.	31	90	51	62	..	12

COMPARATIVE DATA FOR SEPTEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	60.4	92	27	0.65	0.0	2	25	4	2
1892	63.8	92	27	3.26	0.0	6	16	7	8
1893	60.5	99	23	1.30	0.0	3	24	4	3
1894	63.0	96	24	1.52	0.0	3	22	5	4
1895	57.1	95	21	1.44	0.0	4	19	6	6
1896	60.8	98	25	3.59	0.0	6	18	5	8
1897	67.6	99	28	2.01	0.0	3	21	6	4
1898	60.0	100	23	5.44	T.	8	16	7	8
1899	65.6	101	28	2.88	0.0	5	19	7	5
1900	66.0	97	32	4.31	0.0	6	14	10	7
1901	63.7	95	27	2.07	0.0	4	18	9	4
1902	62.5	90	27	2.68	0.0	4	18	9	4
1903	60.9	97	26	2.22	0.0	4	17	8	6
1904	62.5	100	20	0.94	0.0	2	23	5	3
1905	61.1	92	23	4.49	0.0	7	15	11	5
1906	58.2	94	25	2.38	0.0	6	18	5	8
1907	61.9	96	23	3.03	0 0	6	16	7	8
1908	59.2	93	24	0.48	0.0	2	21	6	4
1909	63.0	98	24	2.15	0.0	3	21	6	4
1910	62.9	96	16	5.19	T.	6	21	5	5
1911	62.7	101	25	1.67	T.	5	14	9	8
1912	63.8	96	22	2.97	0.0	4	18	8	5
1913	60.1	95	18	5.41	0.6	9	13	9	9
1914	63.0	93	21	1.74	0.0	5	13	8	10
1915	63.4	94	26	2.83	0.0	4	22	4	5
1916	62.8	96	21	2.30	0.0	4	21	4	6
1917	56.6	99	12	1.89	T.	5	21	5	5
1918	65.6	100	30	3.99	0.0	8	13	5	18
1919	66.6	98	33	10.90	0.0	14	6	5	20
1920	64.2	93	25	4.39	0.0	7	16	6	9
1921	61.6	96	27	0.72	0.0	3	23	4	4
1922	63.1	98	20	1.47	0.0	4	18	6	7
1923	59.2	94	20	3.53	0.0	7	12	9	10
1924	64.9	96	21	0.29	0.0	1	24	4	3
1925	58.7	98	13	7.73	0.1	10	12	5	14
1926	64.9	99	23	5.77	0.0	8	15	5	11
1927	66.0	100	30	3.13	0.0	5	22	4	5
1928	66.3	100	27	4.74	0.0	8	16	7	8
1929	62.2	93	19	4.29	0.0	7	15	7	9
1930	60.1	92	17	4.89	0.0	6	17	5	9
1931	67.1	98	26	2.35	0.0	4	17	7	7
1932	60 8	94	76	3.41	0.0	6	19	4	8
1933	62.6	90	30	2.83	0.0	5	19	7	5
1934	66.2	96	25	0.79	0.0	2	21	7	3
1935	63.9	95	27	4.94	0.0	9	13	8	10
1936	61.1	93	24	5.00	0.0	7	16	5	10
1937	60.8	96	17	4.66	T.	8	18	4	9
1938	66.8	105	20	0.94	0 0	3	23	5	3
1939	65.1	98	29	1 71	0.0	3	21	5	5
1940	65.2	95	29	1.91	0.0	5	20	7	4
1941	68.2	96	28	8.11	0.0	13	8	9	14
1942	62.8	90	22	3.19	0.0	5	16	8	7
1943	61.3	90	26	3.48	0.0	5	16	8	7
1944	63.9	95	25	1.13	0.0	3	22	6	3
1945	60.8	89	29	3.11	0.0	6	15	7	9
1946	63.7	94	25	2.79	0.0	6	17	7	7
1947	68.3	95	35	3.72	0.0	6	..	..	..
1948									
Period	62.9	105	12	3.17	T.	6	..	..	..

Climatological Data for October, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	10	68.8	+ 4.7	90	13†	44	1†	3.09	+0.33	1.63	26	0	6					L. R. Water Works
Arkadelphia	Clark	200	51	68.3	+ 3.9	90	14†	43	28	5.31	+2.22	2.22	26	0	8					W. H. Halliburton
Ashdown	Little River	329	3	68.7	......	91	6	40	28	3.42	......	1.86	26	0	5					Southwestern G. & E.
Augusta	....	....	..	....	......	....	....	....	....	8.91	......	....	....	....	....					....
Batesville Airway	Independence	363	11	67.6	+ 6.4	91	13†	42	1	5.06	......	1.96	26	0	8					Airway Observer
Batesville Livestk	Independence	500	6	65.1	......	89	14	37	1	3.44	......	....	......	0	3					University of Arkansas
Bee Branch	Van Buren	650	54	68.2	+ 5.6	92	13	43	2†	4.59	+1.22	2.60	27	0	4					Minnie Scanlan
Benton	Saline	285	11	66.5	+ 3.9	90	14	40	1†	5.38	......	2.60	26	0	6					Mrs. Etta C. Burks
Bentonville	Benton	1295	41	66.4	+ 6.9	90	6†	40	29	1.99	−2.00	1.16	31	0	6					E. L. Brown
Bethesda ***	Independence	500	7	65.2	......	89	14†	37	1	4.23	......	....	......	0	5					Soil Cons. Service
Black Rock	Lawrence	259	45	....	......	....	....	....	....	5.44	+2.18	1.37	24	0	8					J. H. Ragan
Blytheville	Mississippi	252	21	69.6	+ 6.2	90	13†	42	1	3.99	+0.91	1.91	27	0	5					R. E. Blaylock
Booneville 3 miles w	Logan	465	32	69.7	+ 5.3	93	16	44	28	3.27	−0.16	1.05	31	0	7					F. H. Randolph
Brinkley	Monroe	205	55	69.2	+ 6.6	93	14	41	1	2.76	−0.76	1.15	26	0	5					Robert L. Glover
Camden	Ouachita	116	61	69.5	+ 5.3	93	13	43	1	2.38	−0.47	2.27	27	0	8					J. M. Knight
Camp Chaffee	Sebastian	419	3	68.4	......	94	5	43	28	3.53	......	1.61	18	0	6					U. S. Army
Clarendon	Mouroe	172	42	....	......	....	....	....	....	3.72	+0.68	2.32	27	0	11					B. F. Northern
Conway	Faulkner	309	63	68.9	+ 5.1	94	14	41	1	2.35	−0.65	1.32	26	0	7					G. Y. Short
Corning	Clay	293	53	66.6	+ 6.1	90	14	41	1	5.55	+2.06	2.16	26	0	7					Mrs. Laura Polk
Cotter	Baxter	440	19	....	......	....	....	....	....	1.68	−2.08	0.73	26	0	4					O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	70.6	+ 5.1	91	14†	42	28	5.16	−1.59	2.83	27	0	6					U. S. Forest Service
Cummins Farm ***	Lincoln	176	3	69.4	......	89	23	47	1	3.10	......	1.30	25	0	5					T. C. Cogbill
Dauville	Yell	327	30	....	......	....	....	....	....	2.84	−1.12	1.02	26	0	5					J. A. Moudy
Dardanelle	Yell	330	60	67.8	+ 4.0	92	14†	43	28	1.87	−1.23	0.62	26	0	6					Geo. N. Goodier
DeQueeu	Sevier	426	11	67.8	+ 3.7	88	5	42	28	1.71	−1.11	1.08	18	0	4					L. D. McCown
Des Arc	Prairie	204	8	a70.2	......	89	14	42	1	5.13	......	1.50	26	0	7					Z. R. Glenn
Devil's Knob ***	Johnson	2350	10	66.8	......	85	16	42	1	3.95	......	1.78	31	0	5					U. S. Forest Service
Dumas	Desha	162	41	70.0	+ 4.8	90	14†	44	1	2.19	−0.84	1.00	23	0	7					Ben Johnson
El Dorado	Union	270	46	69.4	+ 3.1	90	12†	44	28	5.70	+2.68	3.97	27	0	3					Airway Observer
England	Lonoke	229	40	....	......	....	....	....	....	....	......	....	....	....	....					Joseph M. Dolan
Eureka Springs	Carroll	1465	46	67.5	+ 6.3	87	5	45	1	1.21	−2.77	0.70	31	0	6					Geo. W. Nichoalds
Fayetteville	Washington	1334	9	66.2	......	89	5	42	29	3.77	......	3.17	31	0	7					Charles F. Ford
Fayetteville Exp	Washington	1451	59	65.5	+ 4.5	92	5	41	20†	3.92	−0.25	3.12	31	0	5					University of Arkansas
Fordyce	Dallas	280	6	72.2	+ 6.4	93	14†	44	2	4.32	+1.96	2.06	26	0	7					Ark. Forestry Com.
Fort Smith	Crawford	448	65	69.2	+ 6.4	90	5†	46	28	4.00	+1.01	1.14	17	0	6					U. S. Weather Bureau
Fulton	Hempstead	260	61	....	......	....	....	....	....	3.46	+0.88	1.80	26	0	5					Ina J. Logan
Georgetown, 2 mi, se	White	200	34	....	......	....	....	....	....	6.53	+3.14	2.00	26	0	9					J. S. McDonald
Gilbert	Searcy	600	21	64.8	......	92	14†	37	2†	1.92	−2.28	0.67	31	0	5					D. O. Dennis
Grannis	Polk	950	27	67.1	+ 3.6	87	15	41	28	8.37	+4.16	6.22	17	0	6					W. E. McVay
Gravette	Benton	1250	49	66.7	+ 6.6	91	5	37	28	1.09	+2.86	1.00	31	0	3					J. A. Schmidt
Green Mountain ***	Stone	1100	9	....	......	88	4	....	....	1.96	......	0.66	25	0	5					U. S. Forest Service
Harrison	Boone	1052	46	63.9	+ 4.2	90	14	35	29	1.61	−1.62	0.61	31	0	4					R. C. Beene
Helena	Phillips	300	74	70.6	+ 6.7	91	14	48	28	2.11	−0.60	0.88	27	0	4					James A. Burnett
Hope 3 miles e	Hempstead	375	76	68.8	+ 3.7	91	15	42	29	3.30	+0.11	....	......	0	7					Univ. of Arkansas
Hot Springs	Garland	600	54	70.1	+ 5.2	94	15	46	1	6.88	+3.66	3.73	26	0	7					National Park Service
Jonesboro	Craighead	345	51	67.0	+ 4.1	88	13	43	2	7.87	+4.60	2.20	27	0	8					Benedictine Sisters
Lead Hill	Boone	650	40	66.0	+ 5.6	90	6†	36	29	2.01	−1.35	0.89	31	0	4					F. W. Kellogg
Little Rock	Pulaski	257	67	69.7	+ 6.1	89	14	47	1†	5.57	+2.86	3.39	26	0	9					U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	48	...	......	....	....	....	....	....	......	....	....	....	....					Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	....	......	....	....	....	....	4.50	+1.59	3.00	27	0	7					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	72.1	+ 4.8	93	14	45	28	3.62	−0.64	1.40	27	0	5					State Agri. School
Mammoth Spring	Fulton	600	42	63.0	+ 3.1	90	12	37	29	2.86	−0.72	1.07	27	0	5					L. A. O'Neal
Marianna	Lee	235	35	69.4	+ 6.0	91	17	41	1	5.16	+2.00	3.02	26	0	6					Univ. of Arkansas
Marked Tree	Poiusett	229	42	67.6	+ 6.0	90	14	40	1	8.28	+4.56	4.10	5	0	7					Chas. Walton
Marshall	Searcy	1050	28	66.9	+ 5.5	92	14	40	1†	1.45	−2.53	0.64	31	0	3					Mrs. Minuie Horton
Mena	Polk	1207	58	67.6	+ 4.3	90	6	44	28	2.99	−0.70	0.97	31	0	6					E. W. St. John
Monticello	Drew	273	6	71.2	......	91	17	45	28	3.12	......	1.41	26	0	7					Airway Observer
Morrilton ***	Conway	315	30	67.6	+ 4.0	92	15	43	1†	2.03	−1.65	1.04	26	0	4					L. A. Dicus
Mountainburg	Crawford	712	9	....	......	....	....	....	....	2.02	......	0.60	26	0	4					C. A Lovell
Mountain Home ***	Baxter	800	34	65.8	+ 5.1	90	13	40	1†	2.00	−1.96	0.95	25	0	3					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	65.4	+ 3.4	92	15	38	2†	3.11	−0.60	1.19	25	0	4					J. S. Whittington
Nashville	Howard	350	8	69.2	......	90	5†	44	28	4.42	......	1.65	26	0	7					Brice Carruth
Newport	Jackson	231	63	68.8	+ 6.4	95	14	43	1†	7.92	+4.95	3.20	26	0	8					Willis T. Moyer
Nimrod Dam	Perry	475	5	68.0	......	93	16	41	1†	2.92	......	1.07	26	0	5					U. S. Engineers
Oden, 2 mi w	Montgomery	800	19	....	......	....	....	....	....	....	......	....	....	....	....					U. S. Forest Service
Okay	Howard	288	18	b71.0	+ 5.0	93	16	43	28	4.40	+1.42	1.70	26	0	6					J. T. Hargis
Osceola	Mississippi	250	46	....	......	....	....	....	....	5.21	+2.55	1.97	26	0	6					C. E. Carter
Ozark	Franklin	396	51	68.0	+ 4.4	90	14†	44	29	3.27	−0.09	1.50	31	0	3					Orkney O. Milton
Paragould	Greene	275	23	66.6	......	90	13†	39	1	4.62	+1.68	2.00	26	0	7					Jene J. Coffman
Parkin, 2mi. w	Cross	222	16	....	......	....	....	....	....	4.66	+1.47	2.52	27	0	7					Carroll King
Perryville	Perry	325	7	a66.9	+ 5.8	92	15	38	2	2.71	−0.79	1.53	26	0	3					Gordon Bennett
Pine Bluff	Jefferson	215	59	70.8	+ 5.9	92	18	47	1	2.51	−0.32	1.65	27	0	7					Mary T. Scheu
Pine Ridge	Montgomery	840	22	....	......	....	....	....	....	2.32	−1.71	1.38	26	0	4					J. R. Huddleston
Pocahontas	Randolph	300	53	67.6	+ 5.8	92	13	41	1	6.55	+3.24	2.23	26	0	8					Benedictine Sisters
Portland	Ashley	122	40	71.2	+ 6.2	90	12†	47	29	1.74	−1.20	1.38	27	0	4					Mrs. Pearl Newton
Prescott	Nevada	318	58	71.0	+ 5.5	90	17	48	28†	5.08	+2.45	1.95	26	0	7					R. P. Hamby
Rogers	Benton	1300	56	66.8	+ 6.7	90	5	43	29	1.05	−2.44	0.46	31	0	5					Howard Fowler
Russellville	Pope	526	34	69.0	+ 7.1	92	14†	42	28	2.41	−0.60	1.06	31	0	6					U. S. Forest Service
St. Charles	Arkansas	175	13	70.4	......	92	15†	43	1	3.62	......	2.57	26	0	7					U. S. Biological Survey
St. Francis	Clay	290	19	....	......	....	....	....	....	4.43	+0.95	1.45	27	0	5					Wm. S. Buckley
Searcy	White	245	36	69.9	+ 6.9	94	14	44	1	7.84	+4.71	3.55	26	0	12					Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	6	68.9	......	90	14†	40	1	5.88	......	3.12	26	0	7					Ark. Forestry Com.
Siloam Springs	Benton	1150	6	66.2	......	90	5	38	28	1.79	......	0.84	31	0	6					John Brown Univ.
Story	Montgomery	650	22	....	......	....	....	....	....	....	......	....	....	....	....					S. C. Story
Stuttgart	Arkansas	214	59	70.3	+ 6.3	89	14	45	1	2.33	−0.69	1.00	26	0	7					George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	11	69.4	+ 5.7	89	15	45	1	3.90	+0.82	1.82	27	0	8					University of Ark.
Subiaco	Logan	750	48	68.4	+ 4.4	88	15	46	1†	3.84	+0.35	1.60	31	0	4					New Subiaco Abbey
Texarkana	Miller	332	62	....	......	....	....	....	....	....	......	....	....	....	....					U. S. Weather Bureau
Turnpike ***	Pope	2240	22	....	......	85	14	....	....	3.41	−1.58	1.30	31	0	7					U. S Forest Service
Waldron	Scott	675	27	67.0	......	91	5	39	28	2.47	−1.40	0.75	31	0	6					William D Bivens
Warren	Bradley	206	52	71.0	+ 6.1	89	14†	46	28	3.20	+0.03	1.64	26	0	4					C. N Turner
White Rock ***	Franklin	2285	10	67.9	......	86	13†	45	1	1.52	......	0.45	26	0	5					U. S. Forest Service
Wilson	Mississippi	237	21	68.2	+ 5.2	87	15	45	2†	3.90	+1.01	1.50	27	0	4					D. O. Anderson
Wynne	Cross	167	38	68.8	+ 6.0	89	13	45	1	4.30	+0.74	1.63	26	0	9					Guy B. Upton
State Means	....	....	..	68.3	+ 5.4	95	14	35	29	3.73	+0.56	6.22	17	0	6					

Daily Precipitation for October, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott [2]	Arkansas																		.74								.26					1.18	2.18
Alum Fork Reser.	Arkansas				T.													T.	.79					T.		.15	1.63	.23			.03	.20	3.09
Aplin [2]	Arkansas																	T.		.94					T.		1.45	.27			.06	.45	3.17
Arkadelphia [2]	Ouachita					.05													1.20	.03				.08	.05		2.22	.88				.80	5.31
Arkansas City [2]	Mississippi																			.02	T.			.07	.65		T.	1.65			T.	.27	2.66
Ashdown [2]	Red																	.84									1.86	.55			.03	.14	3.42
Augusta [2]	White				.27														1.17	.09				.73	.45		4.52	1.42			.17	.09	8.91
Batesville Air'y [3]	White				1.10													.20	.06					.41		1.06	1.96	.10				.17	5.06
Batesville Livestk [2]	White					.80																					*	2.64					3.44
Batesville River [2]	White					2.10												.12	.12					.02	.40	.93	1.84	.92				.40	6.85
Beaty Lake	St. Francis				.26				T.									.03	.46					.01			1.03	1.70			.13	.12	3.74
Beaver [2]	White					.28													.04						.02	.24	.13	.08				.31	1.10
Bee Branch	Arkansas																		.70							.54		2.60				.75	4.59
Beech Grove [2]	White					.30														T.	.05			.28		1.24	2.00	.71				1.31	5.89
Beedeville [2]	White																																....
Benton [2]	Saline																		1.20	.04				T.			2.60	1.04			.25	.25	5.38
Bentonville [2]	Arkansas				.05													T.		.21					.08	*	.49					1.16	1.99
Bethesda [2]	White					.80																		.22			T.	*	2.60			.61	4.23
Big Flat [2]	White				T.														.12								.72	.73				.91	2.48
Big Lake Outlet [2]	St. Francis					.91				T.									.05	.10				.02	.04		1.41	2.63	.02			.80	5.98
Black Rock [2]	White					.78													.05		.20			T.	1.37	.83	1.23	.48				.50	5.44
Blytheville [1]	St Francis																							.02		.24	.79	1.91	T.			1.03	3.99
Booneville 3 mi. w.	Arkansas																	.02	.67							.74	.27	.50		.02		1.05	3.27
Booneville [2]	Arkansas																		.76							T.	.70	.57			T.	.93	2.96
Boughton [2]	Ouachita					.71														1.00							1.79	.60		T.		2.40	6.50
Bradford [2]	White					.22													.18	.15				.23	1.40		3.75	1.00			.01	.40	7.34
Brinkley [3]	White					.07													.89					T.			1.15				.25	.40	2.76
Burdette	Mississippi				.65															.36							.72	1.92				1.09	4.74
Calico Rock [2]	White				.03														.03					.02		.72	.57					.53	1.90
Camden [2]	Ouachita																			.01							.10	2.27					2.38
Camp Chaffee [2]	Arkansas																	.29	1.61							.41	*	.92			T.	.30	3.53
Carlisle [2]	Arkansas					.76													.42								.76	2.01	1.75				5.70
Clarendon [2]	White					.05													.07	.19			.02	.02	.04		.22	2.32	.02		.27	.50	3.72
Clinton [2]	White																		.46					.02		2.04	.25				.40	.10	3.27
Cold Springs [2]	Ouachita																		.61							.15	.30	.45			.05	1.10	2.66
Conway	Arkansas																	.11						.08		.23	1.32	.19			.17	.25	2.35
Corning [2]	White					.81													.33	T.					.35	.03	2.16	.87				1.00	5.55
Cotter [2]	White																								.11		.73	.53				.31	1.68
Cove [2]	Red																		1.85								1.12	.20		.30		2.90	6.37
Crossett	Ouachita																		.23	T.				.20	.29	T.	.68	2.83				.93	5.16
Crystal Valley(nr) [2]	Arkansas																		.85					.50	.05		4.26	T.		.02			5.68
Cummins Farm	Arkansas																		.20					.15		1.30	1.15					.30	3.10
Danville [2]	Arkansas																		.48						.02		1.02	.52			T.	.80	2.84
Dardanelle [2]	Arkansas																		.22					.07	.10		.62	.54				.32	1.87
De Queen	Red																	.20	1.08									.03		.40			1.71
Dermott [2]	Mississippi																			.10					.61		.25	1.00				.62	2.58
Des Arc [2]	White					.56													1.07					.35			1.50	1.45			.10	.10	5.13
Devils Knob	Arkansas				T.													.22						T.		.69	.40	.86				1.78	3.95
Dumas	Mississippi					.09													.22					1.00	T.	.02	.44	.27				.15	2.19
Eagle Gap [2]	Arkansas																		.56							.53	.65	.23			.23		2.20
El Dorado	Ouachita																			1.33								3.97				.40	5.70
Eleven Point [2]	White																																....
England	Arkansas																																....
Eureka Springs	White				.03																			.03		.25	.10	.10				.70	1.21
Evening Shade [2]	White					.80																		T.				2.83			*	1.02	4.65
Fayetteville	White				.01														.04							.33	.16	.05			.01	3.17	3.77
Fayetteville Exp. S.	White																		.07						T.	.44	.25	.04				3.12	3.92
Fordyce	Arkansas																		.66					.09		.17	2.06	.59			.03	.72	4.32
Forester [2]	Arkansas				T.												T.	.20	.23							.74	1.55	T.				.14	2.86
Fort Smith [1]	Arkansas																T.	1.14	.93							.89	.69			.01		.34	4.00
Fort Smith W. Plant [2]	Arkansas																		.42							T.	.84	.66			T.	.29	2.21
Fulton [2]	Red																		.62								1.80	.95			.04	.05	3.46
Garland [2]	Red																		.76	T.							.84	.99				.10	2.69
Georgetown [2]	White					.11													1.30	.07			.44		.60		2.00	1.64			.23	.14	6.53
Gilbert [2]	White																		.09						.18		.65	.33				.67	1.92
Glenwood [2]	Ouachita																		1.58								*	*	.32			.72	2.62
Grannis [2]	Red																T.	6.22						.02			1.21	.45			.37	.10	8.37
Gravelly [2]	Arkansas																		.50								.93	.52			.06		2.01
Gravette	Arkansas																		T.	.04					.05							1.00	1.09
Greenbrier [2]	Arkansas																																....
Green Forest	White				.09													T.						T.	T.	.94	.34	.10				.47	1.94
Green Mountain	White																	.15								.66	.28				.64	.23	1.96
Greenwood [2]	Arkansas																	.51	1.44						.50	.85	.80					.63	4.73
Harrison	White																									.38	.21	.41				.61	1.61
Helena [2]	Mississippi																										.42	.88			.18	.63	2.11
Henderson [2]	White				.04													.01						T.		.73	1.40					.38	2.56
Hope [2]	Red					.54													.78						.05		*	1.70			.05	.18	3.30
Horatio [2]	Red																		1.28							.01	2.32	.88			.37		4.86
Hot Springs	Ouachita				T.		.69												1.00					T.		.15	3.73	.55	T.		.17	.59	6.88
Huntsville [2]	White																																....
Huttig Lock 7, Dam 6 [2]	Ouachita						.02													.40					.30		.31	3.05				.42	4.50
Index [2]	Red																		4.00														....
Jonesboro [2]	White					1.43													.19	.07				1.28	.25		1.56	2.20				.89	7.87
Judsonia [2]	White																																....
Lake City [2]	St. Francis				.64												T.	.06	.04	T.				.51		T.	2.80	.81				.73	5.59
Lead Hill	White																									.49	.15	.48	T.			.89	2.01
Little Rock [1]	Arkansas				.30				T.									.13	.48					.70		.02	3.39	.11		.07	T.	.37	5.57
Lock & Dam No. 3 [2]	White					.12													.13					.02	.15		1.21	.86	T.			.61	3.10
Lurton [2]	White																		.24					.03	.03		.66	.40				1.57	2.93
Lutherville	Arkansas																	.50						.22									....
Madison [2]	St. Francis					.40													.33	.20				T.			.10	3.00	T.		.04	.43	4.50
Magnolia	Red																		.55								1.20	1.40		.01		.46	3.62
Mammoth Spg [2]	White					.27													.06								.75	1.07				.71	2.86
Marianna [2]	St. Francis						.03												.04	T.						.17	3.02				.22	1.68	5.16
Marked Tree [2]	St. Francis					4.10												T.	.10	.26				.20	.16		.73	2.73				T.	8.28
Marshall [2]	White																						T.			.31	.50					.64	1.45
Marvell [2]	White																									.10	.32	1.52				.61	2.55
Melbourne [2]	White					.15											T.	T.						T.			.01	.40	.60				1.16
Mena [2]	Ouachita																		.66							.12	.78	.31			.15	.97	2.99
Monticello [1]	Ouachita				.01														.23					.63		.04	1.41	.01				.79	3.12
Morobay [2]	Ouachita																		.37							.01	.63	2.30				.37	3.68
Morrilton [2]	Arkansas									T.									.33	T.					T.		1.04	.43			T.	.23	2.03
Mountainburg	Arkansas																		.44							.42	.60					.56	2.02
Mountain Home	White																									.95	.65					.40	2.00
Mountain View [2]	White				T.	.03													.10					T.	.03	.69	.60	.31				1.17	2.93

Daily Precipitation for October, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita																		.40							1.19	1.14				.38		3.11
Mulberry[2]	Arkansas																		.68							.19	.45	.38				1.60	3.30
Nashville	Red																	.22	1.06							.21	1.65	.41		.10		.77	4.42
Newport[2]	White					.37													.25	.15				.15	2.35		3.20	1.20				.25	7.92
Nimrod Dam[2]	Arkansas																	T.	.88	T.							1.07	.30			.04	.63	2.92
Oark[2]	Arkansas																																....
Odell[2]	Arkansas																		.49						.62	.15	.16					.87	2.29
Oden‡	Ouachita																		.36							2.25	T.					.30	2.91
Okay	Red																	.55	.60							.20	1.70	.75				.60	4.40
Osceola[2]	Mississippi																	.46	.28						T.	.41	1.97				1.19	.90	5.21
Ozark[2]	Arkansas																			1.06						T.	.71					1.50	3.27
Paragould	St. Francis				.30		T											.04	.10						.48	.86	2.00	.84					4.62
Parkin[2]	St. Francis					.35													.15	.27				.39			.73	2.52			.25		4.66
Parthenon[2]	White																																....
Perryville[2]	Arkansas																	.95								.23	1.53		T.		T.	T.	2.71
Pine Bluff[2]	Arkansas					.25													.04	.12					.03		.01	1.65			T.	.41	2.51
Pine Ridge[2]	Ouachita																	.04									1.38	.48			.42		2.32
Pocahontas	White				.75													.11	.04					.54		1.40	2.23	.53				.95	6.55
Portland[2]	Ouachita																			.05				T.	T.		.10	1.38				.21	1.74
Prescott[2]	Ouachita					.83													.64	.02							1.95	.65			.04	.95	5.08
Ratcliff[2]	Arkansas																	.52	.62							.61	*	1.41				1.12	4.28
Red Star	White																		.04								.72	.55			1.32	1.72	....
Rogers	White																	T.		.15				.06		.26	.12					.46	1.05
Russellville	Arkansas																	T.	.10					.14		.20	.57	.34				1.06	2.41
St. Charles[2]	White						.05													.09						.29	2.57	.07			.05	.50	3.62
St. Francis[2]	St. Francis					.65													T.								1.00	1.45	.03			1.30	4.43
Searcy[2]	White					.76												.21	.62	.10	.02			.96	.12	.02	3.55	.98			.03	.47	7.84
Sheridan	Ouachita																		.82					.26		.05	3.12	1.25			.22	.16	5.88
Shirley[2]	White																		.20					.17	.03	.72	1.07	.30				1.00	3.49
Siloam Springs	White				.03													T.	.10						.31	.47	.04					.84	1.79
Sparkman	Ouachita																																....
Stamps	Red																								T.								....
Steve[2]	Arkansas																		.43					.50		.46	.70	.32				.41	2.82
Story[2]	Ouachita					.15																											....
Stuttgart[2]	Arkansas					.17													.31					T.	.15		1.00	.05			.30	.35	2.33
Stuttgart Evap[2]	Arkansas					.15													.04	.36					.10		.87	1.82			.11	.45	3.90
Subiaco[2]	Arkansas																	T.	.38								.96	.90				1.60	3.84
Sugar Grove[2]	Arkansas																		.73								.50	.58				.80	2.61
Sugar Loaf Mt[2]	White					.15	T.												.48	T.				T.	.34		*	3.59			.07	.42	5.05
Texarkana[3]	Red																		.53								1.72	.23		T.		.02	2.50
Tichnor[2]	White																																....
Turnpike	Arkansas																	.18	.06					.61		.32	.54	.40				1.30	3.41
Viola[2]	White																										.40	1.25				1.00	2.65
Waldron[2]	Arkansas																		.52							.58	.37	.15		.10		.75	2.47
Walnut Grove	White				.25													.11	.10					1.11		.50	2.60	.30				.62	5.59
Warren	Ouachita					T.													.37					T.		T.	1.64	.79				.40	3.20
Whitecliffs[2]	Red																		1.00	T.							1.65	.70	T.		.10	.27	3.72
White Rock	Arkansas																	.35	.19							.24	.45	.29				1.45	2.97
Wilson[2]	Mississippi					.87																			T.		.83	1.50				.70	3.90
Wynne	St. Francis				.31													.03	.46					.06		.11	1.63	1.18			.47	.05	4.30
Yellville[2]	White																								.03	1.60	.20	.40				.21	....

Daily Evaporation (inches), and Wind Movement (miles) for October, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.074	.242	.010	.008	.368	.016	.188	.180	.178	.162	.150	.218	.144	.534	.255	.135	.218	.046	.067	.077	.036	.170	.256	.198	.112	....	....	....	.240	.006	.422	5.275
	Wind move	20	7	11	40	7	6	15	21	7	9	8	8	4	9	6	17	10	7	10	9	5	7	20	6	8	9	19	30	30	15	63	443
Hope Exp. Farm	Evap.	.171	.163	.119	.189	.140	.168	.254	.033	.271	.170	.045	.135	.238	.045	....	.274	.207	....	.116	.238	.129	.139	.113	.095	.048	*	.162	.128	.110	.060	.273	4.525
	Wind move	33	19	12	27	26	8	21	14	21	25	6	23	13	11	9	19	4	33	25	20	28	10	10	23	17	*	63	12	*	21	36	589
Nimrod Dam	Evap.	.110	.170	.184	.176	.154	.156	.170	.130	.164	.181	.198	.184	.116	.164	.176	.208	.188	.118	.164	.148	.148	.168	.132	.168	.110	.018	.026	.146	.148	.044	.142	4.509
	Wind move	3	4	17	13	23	7	10	3	2	2	4	2	6	4	3	2	5	4	4	4	2	2	2	1	3	7	18	47	13	10	26	253
Norfork Dam	Evap.	.183	.232	.203	.113	.252	.148	.212	.190	.162	.166	.130	.164	.157	.155	.165	.125	.257	.167	.103	.209	.153	.171	.174	.066	.106	....	....	.120	.127	.082	.144	4.956
	Wind move	53	29	26	52	40	25	30	16	22	18	26	22	7	18	13	21	20	22	27	10	14	19	27	27	20	20	24	40	29	16	50	783
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	16	7	11	13	11	9	5	4	6	4	8	5	4	4	7	5	11	7	9	4	5	7	12	8	6	5	19	15	3	8	28	266
Stuttgart Rice Exp. Farm	Evap.	....	.115	.117	.060	.202	.229	.035	.135	.108	.149	.114	.087	.101	.116	.121	.180	.105	.083	.112	.098	.108	.115	.116	.052	.090	.078	.031	.110	.089	.037	.099	3.192
	Wind move	120	15	25	60	40	20	20	10	10	30	15	5	5	5	5	30	5	25	25	10	5	20	15	20	5	50	25	20	30	25	40	735

PRECIPITATION

The average precipitation for the State was 3.73 inches, 0.56 inch above the 57-year average. Even though the State's average is above the normal, numerous stations failed to receive even two-thirds of their normal. Those stations having a deficiency in precipitation are mostly on the northern slopes of the mountainous sections, and a few near the Mississippi River.

The area of heaviest rainfall falls on a line drawn through Prescott toward the NE through Little Rock, Searcy, and ending at about Paragould. This line is actually the boundary between the Alluvial Section, and the Mountainous Section of Arkansas. Many stations through this area reported falls double their average. The wettest area is from Augusta to Marked Tree, where the fall ranged from 8.00 to almost 9.00 inches.

Stations on the northern slopes of the mountains were deficient in rainfall and most reported only one-third to one-half their normal amounts. Rogers reported the lowest with 1.05 inches, 2.44 inches below normal.

Augusta reported the greatest monthly amount with 8.91 inches. Grannis was second with 8.37 inches. Grannis also reported the greatest 24-hour fall with 6.22 inches of rain on the 17th. Considerable hail accompanied this heavy rain. J.C.H.

Daily Temperatures for October, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	75	83	84	85	84	76	86	85	84	84	85	88	90	90	83	88	87	84	84	85	85	85	75	85	78	66	68	75	70	78	75	81.6
	Minimum	44	45	57	58	58	56	57	....	57	53	52	51	55	60	58	52	60	61	61	66	56	55	60	59	64	59	54	56	44	55	60	a56.1
Arkadelphia /	Maximum	70	75	82	85	85	87	89	86	87	85	85	85	89	90	90	89	88	90	82	86	85	86	85	81	84	79	65	73	75	69	79	82.8
	Minimum	45	44	44	54	60	58	58	57	58	51	53	54	55	55	55	47	49	57	58	58	58	57	57	61	59	60	57	43	44	47	54	53.8
Ashdown /	Maximum	77	76	82	85	86	91	87	84	87	87	85	87	87	88	90	89	90	86	86	86	85	87	85	84	81	86	74	73	77	69	83	83.9
	Minimum	45	42	53	64	58	59	56	56	55	50	52	54	53	50	46	54	60	55	54	52	53	54	56	62	59	61	52	40	47	50	57	53.5
Batesville Air	Maximum	70	84	85	82	81	85	85	84	82	81	83	89	91	91	87	84	74	79	84	85	88	87	70	82	77	64	70	77	72	77	72	80.7
	Minimum	42	44	58	62	60	55	55	56	54	54	50	55	55	59	55	52	56	58	56	55	53	53	58	60	60	59	55	44	45	53	57	54.5
Batesville, Livestk /	Maximum	69	70	82	84	83	79	84	83	84	82	81	82	87	89	89	86	83	74	79	84	84	85	66	73	81	80	76	70	76	72	76	79.8
	Minimum	37	38	48	63	60	51	51	54	50	51	45	50	49	55	50	48	53	54	53	53	49	49	52	56	57	56	53	38	40	45	55	50.4
Bee Branch	Maximum	74	81	83	86	83	85	86	87	86	86	84	89	92	91	90	89	82	80	85	86	89	86	81	80	72	65	70	73	73	76	74	82.1
	Minimum	44	43	53	56	57	54	55	57	55	54	50	53	54	58	56	53	58	58	59	55	54	55	59	59	63	59	52	43	45	52	59	54.3
Benton /	Maximum	72	74	82	82	85	84	86	86	87	84	86	88	88	90	90	89	88	88	83	85	86	86	85	79	82	82	76	72	76	73	78	83.0
	Minimum	40	40	45	49	53	51	51	51	52	48	48	48	47	52	55	44	49	57	54	54	54	51	56	55	55	55	55	40	42	46	54	50.0
Bentonville /	Maximum	73	80	84	85	88	90	87	86	83	83	85	82	86	90	90	86	87	85	83	81	85	84	83	81	78	65	63	64	72	74	76	81.3
	Minimum	46	45	54	62	63	51	56	54	51	49	51	59	52	52	53	54	55	56	49	42	47	49	55	56	56	55	46	41	40	47	55	51.6
Bethesda	Maximum	69	70	82	84	83	79	84	83	84	82	81	82	87	89	89	86	83	74	79	84	84	85	66	73	81	80	76	70	76	72	76	79.8
	Minimum	37	38	48	63	60	51	51	54	50	51	45	50	49	55	50	48	53	54	53	53	49	49	53	56	57	56	53	38	40	45	55	50.5
Blytheville	Maximum	70	84	87	77	87	87	87	82	80	82	87	89	90	90	85	83	85	70	84	86	90	88	85	86	82	67	70	75	70	75	72	81.7
	Minimum	42	47	59	60	62	59	62	60	56	55	56	63	60	64	53	61	61	62	54	60	57	57	63	61	65	61	58	47	47	53	57	57.5
Booneville	Maximum	75	85	86	91	88	89	85	87	86	87	86	89	91	92	91	93	89	87	87	87	86	87	82	83	77	67	72	78	70	76	72	83.9
	Minimum	49	47	55	64	57	62	60	57	60	52	54	60	55	54	55	46	58	60	58	51	53	55	59	62	60	60	52	44	47	55	59	55.5
Brinkley	Maximum	75	85	87	80	85	87	87	86	84	84	87	90	91	93	91	87	....	90	84	87	88	88	78	84	83	67	72	77	75	79	77	a83.6
	Minimum	41	44	56	61	57	57	55	53	54	52	51	55	55	56	55	53	....	55	55	52	56	57	62	61	62	60	58	44	48	55	60	a54.7
Camden	Maximum	75	78	88	87	87	91	89	89	88	87	88	90	93	90	92	91	90	91	83	88	88	92	88	85	85	84	68	75	72	75	85	85.5
	Minimum	43	44	49	60	60	57	56	50	56	53	50	52	58	55	57	46	48	57	60	57	57	57	57	59	56	58	58	44	44	46	55	53.5
Conway	Maximum	77	86	88	87	86	89	80	88	87	86	78	91	92	94	91	90	83	85	87	87	88	88	76	84	73	67	72	77	74	79	78	83.5
	Minimum	41	42	55	58	58	55	57	55	54	52	49	55	53	56	56	47	59	61	58	55	54	55	61	58	60	60	54	44	45	56	60	54.3
Corning	Maximum	64	67	83	86	75	76	85	84	83	80	80	85	88	90	87	86	83	81	78	83	87	86	86	68	84	78	63	70	75	68	74	79.5
	Minimum	41	44	51	60	60	53	57	55	54	52	52	58	56	58	53	54	57	58	55	55	53	53	55	59	62	60	58	45	42	45	50	53.7
Crossett	Maximum	76	87	87	88	89	87	88	83	86	85	87	90	90	91	90	91	91	83	89	88	89	87	83	82	87	77	78	77	80	85	78	85.5
	Minimum	45	48	55	57	58	58	55	53	54	55	54	52	58	56	58	48	55	63	60	58	57	57	61	62	59	63	63	42	43	54	62	55.6
Cummins Farm	Maximum	77	82	84	80	81	82	85	84	81	82	81	83	85	88	85	85	86	85	87	85	86	87	89	88	81	73	72	71	79	78	78	82.3
	Minimum	47	52	53	61	60	62	61	58	57	56	55	57	55	56	56	57	56	57	55	60	55	56	57	56	60	60	59	56	51	50	58	56.4
Dardanelle	Maximum	....	74	84	86	90	85	88	89	88	88	86	83	90	92	92	92	89	89	89	89	87	88	87	83	79	69	72	78	72	78	76	a81.7
	Minimum	45	44	44	53	57	57	57	57	58	52	52	52	55	55	56	47	47	63	59	54	53	53	56	60	63	62	55	43	47	54	61	53.9
De Queen	Maximum	77	78	83	85	88	85	84	83	83	82	82	85	87	86	87	85	83	81	83	82	82	82	82	83	71	70	70	73	70	78	76	80.8
	Minimum	46	45	54	60	59	62	60	57	57	52	64	58	55	53	53	50	56	60	56	53	53	56	58	62	53	52	51	42	48	53	62	54.8
Des Arc	Maximum	71	72	80	82	80	80	82	84	84	....	84	86	88	89	86	88	84	81	82	85	82	84	84	84	78	74	70	77	75	78	76	a81.0
	Minimum	42	48	56	62	64	60	62	64	62	....	62	64	62	63	60	60	65	65	62	65	61	65	62	60	64	62	59	45	49	52	55	a59.4
Devil's Knob	Maximum	68	77	77	83	82	81	80	82	78	79	79	80	82	84	83	85	75	82	78	80	80	80	74	76	70	60	63	64	71	65	63	76.2
	Minimum	42	52	58	60	63	60	61	61	58	59	56	62	65	65	64	60	58	58	58	59	62	62	60	60	55	55	47	45	47	53	52	57.3
Dumas	Maximum	74	84	86	87	87	86	85	83	83	83	85	88	89	90	87	85	90	79	85	86	86	85	79	83	83	72	73	75	74	80	80	83.0
	Minimum	44	48	58	57	65	56	57	56	58	55	50	57	59	58	56	57	58	66	59	59	56	59	65	62	61	62	59	46	48	60	58	57.1
El Dorado	Maximum	69	85	85	89	89	87	88	86	85	84	87	90	90	90	89	90	88	81	85	81	84	85	85	81	87	68	72	75	78	82	80	83.8
	Minimum	46	46	48	56	62	59	56	55	55	56	51	51	54	55	57	52	52	64	61	59	60	57	58	62	59	60	60	44	45	53	53	55.0
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	72	82	80	83	87	85	83	80	79	81	80	85	86	85	86	86	82	81	79	83	82	83	86	78	66	62	64	70	73	77	67	79.1
	Minimum	45	52	62	63	59	64	61	58	55	53	58	60	60	52	61	52	62	58	54	52	58	59	57	57	59	55	48	47	46	52	53	55.9
Fayetteville	Maximum	76	82	80	85	89	86	85	83	82	82	82	85	85	86	87	86	83	81	80	84	83	82	82	78	68	63	64	70	70	76	67	79.7
	Minimum	46	45	56	65	52	65	55	54	54	48	50	58	54	53	52	48	56	59	54	44	49	51	55	62	58	55	48	44	42	53	51	52.8
Fayetteville Exp. S.	Maximum	76	82	80	85	92	88	84	82	81	84	81	86	87	88	87	88	84	82	80	85	85	82	82	79	71	62	64	72	71	77	70	80.5
	Minimum	46	45	56	57	50	61	52	52	53	46	49	52	52	53	51	44	52	56	49	41	47	49	52	57	57	54	46	41	42	49	54	50.5
Fordyce	Maximum	78	87	86	86	90	84	89	89	87	87	88	90	91	93	91	91	93	91	89	88	90	87	84	81	80	80	73	76	79	82	81	85.8
	Minimum	56	44	61	65	63	58	60	59	60	55	54	59	60	63	61	56	63	60	60	59	60	61	63	61	60	60	60	46	50	58	62	58.6
Fort Smith	Maximum	75	85	86	89	90	89	84	85	85	83	85	86	88	90	90	90	82	84	83	85	85	85	83	80	68	64	68	75	67	79	68	81.8
	Minimum	50	49	56	60	58	61	61	57	60	56	57	59	57	57	57	52	61	61	57	52	56	58	63	64	60	57	52	46	50	54	55	56.5
Gilbert /	Maximum	72	76	87	85	88	87	87	89	87	86	86	86	89	92	92	91	90	80	87	87	89	90	88	80	83	66	70	69	76	75	76	83.4
	Minimum	39	37	42	48	50	49	48	46	47	43	46	44	46	48	49	37	39	54	48	44	46	45	47	56	56	57	47	37	38	43	52	46.1
Granuls /	Maximum	72	76	81	82	82	85	81	83	82	80	80	83	85	85	87	85	81	79	82	81	82	81	80	78	66	65	68	72	62	74	73	78.5
	Minimum	46	55	59	59	59	59	58	59	55	55	59	59	56	57	55	58	58	58	58	57	58	58	63	61	58	51	44	41	53	54	48	55.7
Gravette	Maximum	76	81	81	86	91	87	85	82	83	83	83	87	87	87	88	85	85	85	82	85	84	84	84	76	69	61	65	72	72	74	70	80.6
	Minimum	48	48	59	63	54	61	58	56	56	52	54	57	54	53	57	47	58	56	46	43	53	54	58	58	56	54	42	37	40	52	52	52.8
Green Mountain	Maximum	70	84	80	88	79	85	84	84	81	80	83	85	87	89	85	84	80	89	92	85	84	87	84	80	74	74	64	68	74	76	68	80.9
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Harrison	Maximum	72	83	83	86	85	82	78	83	83	83	83	88	89	90	87	85	80	85	82	85	85	87	84	84	75	75	66	74	75	75	68	81.3
	Minimum	41	40	50	56	46	53	48	48	46	43	42	44	48	49	48	37	47	54	50	40	43	45	50	56	51	54	45	37	35	43	51	46.5
Helena	Maximum	73	85	86	81	85	87	88	87	83	83	87	88	90	91	87	87	88	80	82	87	88	86	80	84	83	77	71	73	77	75	74	83.0
	Minimum	58	56	59	59	56	57	62	58	58	57	57	59	60	60	58	56	59	66	59	58	57	56	63	61	62	60	60	48	51	55	58	58.2
Hope /	Maximum	74	74	84	86	86	88	86	86	81	83	83	83	88	88	91	87	87	89	82	85	85	86	85	80	82	78	67	73	75	71	82	82.5
	Minimum	46	45	48	63	62	60	58	60	58	55	55	55	55	56	57	49	50	57	58	57	59	57	58	61	60	59	57	46	42	51	55	55.1
Hot Springs	Maximum	78	83	85	85	88	88	86	88	87	86	85	88	91	92	94	90	88	83	85	86	81	83	78	83	76	65	70	77	72	74	73	82.9
	Minimum	46	48	62	66	60	58	58	58	58	55	55	58	63	63	63	57	55	55	62	60	60	60	59	59	59	60	56	51	51	51	51	57.3
Jonesboro	Maximum	68	86	86	73	80	83	84	82	79	80	84	86	88	87	85	80	81	73	83	85	86	86	71	81	77	65	69	74	73	74	72	79.4
	Minimum	44	43	49	57	54	55	57	58	54	55	54	55	59	61	54	55	56	59	57	57	56	56	58	61	60	59	57	47	45	46	52	54.5
Lead Hill	Maximum	72	87	85	88	85	90	86	86	84	85	86	90	90	90	89	89	85	87	85	89	89	90	85	85	70	78	77	74	76	80	67	83.8
	Minimum	40	38	46	58	51	54	50	48	45	45	43	46	50	51	51	38	49	53	49	42	46	46	50	57	57	57	59	38	36	46	55	48.2
Little Rock	Maximum	71	80	84	84	82	83	84	84	82	82	83	86	88	89	86	83	83	81	85	82	84	85	75	79	78	66	70	76	75	77	75	80.7
	Minimum	47	50	57	61	60	57	60	60	63	59	56	57	58	61	63	60	59	64	63	63	60	61	65	64	63	61	51	47	51	60	60	58.7
Lutherville	Maximum	78	82	85	86	83	87	85	84	84	85	85	88	91	90	90	88	82	84	85	85	85	86	85	82	....	....	....	....	....	....	....	....
	Minimum	40	43	53	59	53	57	57	58	58	57	52	56	51	52	59	47	58	56	53	53	55	54	60	58	....	....	....	....	....	....	....	....
Magnolia	Maximum	77	86	87	89	92	89	89	88	86	86	90	92	91	93	91	90	92	87	87	86	87	85	84	84	85	78	75	78	80	85	87	86.3
	Minimum	46	47	60	65	62	63	59	59	59	58	55	58	61	55	57	50	62	64	61	58	60	58	64	63	62	57	60	45	49	56	63	57.3
Mammoth Spring	Maximum	67	80	82	85	89	83	86	89	84	85	86	90	89	89	88	81	78	82	83	82	80	80	82	80	74	70	70	73	68	70	72	80.5
	Minimum	40	42	45	55	52	49	45	47	42	40	43	42	44	42	45	47	42	44	51	47	44	45	48	48	52	59	52	40	37	40	46	45.6
Marianna /	Maximum	72	85	85	81	83	87	86	81	84	83	87	88	90	90	88	86	91	76	79	86	88	87	87	85	80	77	70	74	76	77	77	82.8
	Minimum	41	46	57	60	58	58	56	56	52	52	54	59	56	56	53	54	58	64	57	55	58	56	65	62	64	64	61	46	46	54	58	56.0
Marked Tree /	Maximum	77	72	86	87	76	82	85	87	85	79	80	87	88	90	88	84	83	85	72	82	85	89	87	71	85	78	65	74	77	75	72	81.1
	Minimum	40	42	45	57	53	55	57	57	56	56	55	55	58	58	55	55	56	59	57	56	55	54	55	60	60	61	58	44	45	45	54	54.0
Marshall /	Maximum	75	85	82	86	84	85	84	86	85	85	85	90	90	92	90	89	81	86	84	90	89	86	80	84	77	66	62	75	73	75	68	82.2
	Minimum	40	46	58	51	62	54	50	49	49	47	47	50	52	54	54	42	52	56	51	47	50	51	58	57	60	61	49	41	40	59	59	51.6
Mena	Maximum	68	76	82	83	85	90	87	83	84	84	83	84	85	87	88	87	86	81	84	80	84	85	84	82	80	66	63	69	76	61	70	80.2
	Minimum	47	45	54	62	61	59	58	58	58	52	55	55	58	56	55	53	54	59	56	53	53	56	56	60	60	58	50	44	48	52	56	54.9
Monticello	Maximum	74	84	84	86	86	86	86	82	83	84	87	89	89	90	86	88	91	79	87	86	87	86	78	81	82	68	74	76	80	81	77	83.1
	Minimum	46	53	61	63	63	61	62	58	58	60	60	62	62	60	61	54	63	64	61	64	63	61	65	63	64	61	51	45	48	60	63	59.4
Morrilton /	Maximum	71	77	83	85	88	83	87	87	87	85	85	85	90	91	92	89	88	80	85	86	86	87	86	75	83	73	63	71	75	73	73	82.2
	Minimum	43	43	45	52	52	56	58	58	58	52	50	51	55	55	51	48	49	62	61	55	55	56	54	58	58	60	54	45	45	48	55	53.0
Mountain Home	Maximum	69	85	85	86	80	86	86	83	82	80	83	88	90	89	85	83	80	84	83	87	86	87	76	82	74	71	69	74	73	78	71	81.1
	Minimum	40	40	50	56	61	54	53	50	47	51	47	51	53	54	55	43	55	55	54	47	51	51	51	55	60	50	45	40	40	51	58	50.6
Mt. Ida	Maximum	77	84	82	85	87	90	88	87	86	87	87	86	90	91	92	89	83	83	83	85	87	86	85	82	76	70	67	76	70	69	68	82.5
	Minimum	39	38	44	50	52	54	54	53	54	50	48	47	48	50	44	39	46	46	49	49	48	49	55	57	54	52	52	38	38	50	50	48.3
Nashville	Maximum	74	81	84	85	90	85	84	85	84	83	85	86	89	90	89	88	88	84	85	84	85	84	80	81	70	66	72	74	66	80	79	81.9
	Minimum	49	....	55	60	60	62	60	57	57	55	55	57	59	53	56	47	57	62	58	58	58	59	61	62	62	60	54	44	49	54	56	a56.5
Newport	Maximum	75	84	87	79	84	88	90	89	86	80	86	92	93	95	93	90	82	76	87	90	91	90	74	85	82	67	72	78	75	76	75	83.7
	Minimum	43	44	46	56	60	53	54	56	55	54	51	52	56	56	55	53	54	60	56	56	54	55	56	61	61	60	58	43	45	48	57	53.8
Nimrod Dam /	Maximum	65	76	84	84	89	85	86	88	89	86	87	86	89	92	91	93	90	87	90	83	86	88	87	81	81	66	69	68	72	70	75	82.7
	Minimum	41	41	51	57	60	54	56	57	56	50	49	54	53	56	56	46	51	62	51	57	54	55	57	60	60	60	55	45	46	50	56	53.4
Oden	Maximum	76	83	85	69	84	83	85	84	86	80	88	87	90	91	86	85	84	86	88	84	80	87	65	65	....	....	....	....	....	....	....	....
	Minimum	46	46	55	56	63	60	52	54	55	57	58	55	52	49	59	61	59	55	53	53	61	66	61	57	....	....	....	....	....	....	....	....

Daily Temperatures for October, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	76	82	86	86	90	89	87	87	85	83	88	88	91	91	90	93	89	89	88	90	89	87	89	88	80	67	....	83	71	87	82	^{a}85.7
	Minimum	46	46	....	60	61	61	60	59	58	52	52	57	56	51	54	....	55	78	58	55	55	57	60	....	65	65	55	43	49	53	62	^{c}56.4
Ozark	Maximum	79	71	80	85	87	85	88	87	86	85	84	85	87	90	90	89	88	80	83	83	85	84	84	80	80	65	66	68	74	69	75	81.4
	Minimum	48	46	46	56	57	57	59	59	59	53	53	57	65	57	57	50	50	62	60	54	54	54	57	62	62	61	52	46	44	47	57	54.6
Paragould	Maximum	69	83	86	81	80	85	88	84	80	81	87	89	90	88	86	85	84	73	83	88	88	90	82	85	81	64	70	75	70	75	72	81.4
	Minimum	39	41	54	55	56	48	54	53	54	51	52	53	53	58	52	52	54	54	54	53	50	50	53	54	55	58	57	43	42	46	55	51.7
Perryville	Maximum	74	78	86	84	88	89	88	86	84	85	86	90	90	91	92	87	81	83	86	86	87	82	79	82	75	69	71	78	75	80	76	82.8
	Minimum	39	38	39	49	59	50	54	53	51	46	....	49	49	50	52	42	55	54	53	56	56	51	56	....	57	60	61	43	43	55	60	^{b}51.0
Pine Bluff	Maximum	73	76	87	87	86	87	86	88	85	85	85	87	90	90	91	87	87	92	84	86	86	86	87	78	82	81	65	72	76	76	81	83.5
	Minimum	47	48	51	60	63	59	61	59	61	58	56	57	60	60	61	57	57	62	62	61	61	60	61	63	63	62	61	49	50	51	59	58.1
Pocahontas	Maximum	70	83	87	79	79	85	88	88	83	82	85	89	92	91	89	82	78	78	86	87	89	89	80	85	79	65	71	75	73	75	72	81.7
	Minimum	41	43	52	55	56	51	56	60	56	55	53	56	54	60	57	56	55	55	53	55	51	53	56	59	60	58	55	43	43	48	56	53.6
Portland	Maximum	75	85	87	85	88	87	87	85	85	84	81	90	89	90	88	87	90	80	86	86	87	85	82	79	80	75	72	75	76	82	75	83.3
	Minimum	48	53	56	63	65	58	59	58	61	59	56	58	59	59	61	56	58	64	58	61	61	61	65	65	62	65	62	48	47	58	64	59.0
Prescott	Maximum	74	84	86	86	84	87	85	84	84	82	85	87	88	89	87	86	90	84	84	85	86	85	81	82	81	78	75	75	74	77	80	83.1
	Minimum	54	56	64	64	63	63	61	62	62	58	57	60	62	59	59	55	56	59	57	60	61	60	60	60	61	60	58	48	48	57	60	58.8
Rogers	Maximum	75	84	81	84	90	87	84	83	82	82	82	85	87	87	87	86	86	83	80	85	85	85	83	78	70	64	68	72	75	74	66	80.6
	Minimum	46	46	54	67	54	57	55	56	55	51	51	54	56	56	55	46	55	57	49	46	52	52	55	57	58	55	55	44	43	50	52	52.9
Russellville	Maximum	73	84	85	88	84	85	88	87	87	86	86	89	91	92	92	90	82	87	87	87	88	88	81	84	79	70	70	76	72	78	76	83.6
	Minimum	45	43	53	60	55	56	56	56	58	52	51	54	54	54	56	45	59	63	56	52	52	54	60	58	63	61	55	42	45	53	61	54.3
St. Charles /	Maximum	72	75	84	84	84	86	86	87	85	84	84	87	90	91	92	89	87	92	82	86	88	91	88	82	83	82	65	72	75	80	78	83.6
	Minimum	43	48	57	60	59	57	57	56	55	56	55	56	58	59	57	59	59	64	60	59	57	58	65	62	63	62	61	46	49	56	56	57.1
Searcy	Maximum	73	84	87	84	83	88	87	85	84	83	89	91	93	94	89	88	80	80	86	88	88	87	70	84	78	70	73	75	75	79	75	82.9
	Minimum	44	46	53	58	60	55	58	59	59	58	54	56	61	61	59	59	58	61	59	60	57	57	61	63	62	61	56	45	47	56	61	56.9
Sheridan	Maximum	72	83	87	85	84	87	85	87	83	83	86	89	89	90	88	87	90	83	85	87	88	87	77	86	81	69	70	75	75	80	77	83.1
	Minimum	40	44	58	60	55	54	55	53	53	52	50	54	55	61	57	50	58	63	57	53	57	55	59	57	59	59	58	45	48	56	61	54.7
Siloam Springs	Maximum	75	82	81	85	90	86	84	84	83	84	83	87	87	87	87	85	84	83	80	84	79	84	83	75	68	62	67	73	72	74	69	80.2
	Minimum	48	49	61	64	51	59	57	57	55	53	51	53	54	52	53	48	56	55	48	43	48	51	56	57	56	54	44	38	42	50	53	52.1
Stuttgart	Maximum	71	81	83	83	82	84	84	82	81	81	84	87	87	89	85	84	85	85	85	83	85	85	78	81	78	82	70	73	75	77	76	81.5
	Minimum	45	51	59	62	60	59	63	59	59	58	56	59	62	61	62	57	61	61	63	61	60	61	66	64	64	62	60	47	51	58	62	59.1
Stuttgart Evap. /	Maximum	80	72	82	83	83	83	84	84	83	81	82	84	87	88	89	86	85	88	80	84	84	86	86	80	82	81	66	70	73	76	78	81.6
	Minimum	45	48	52	62	59	59	60	56	58	57	54	57	59	58	59	56	59	62	59	59	60	60	61	63	62	64	62	46	48	50	57	57.1
Subiaco	Maximum	70	81	82	83	82	87	85	86	81	82	85	85	85	87	88	86	81	84	81	79	78	86	83	79	78	77	65	72	69	76	72	80.5
	Minimum	46	46	55	61	56	59	59	60	66	53	54	60	56	58	58	50	60	61	61	54	55	57	62	61	60	61	52	48	48	54	58	56.4
Texarkana	Maximum	76	82	85	85	90	87	84	85	84	84	87	87	88	90	88	89	90	84	85	85	87	86	85	80	78	66	73	76	70	82	81	83.2
	Minimum	48	49	60	64	63	62	62	61	61	56	58	60	60	59	59	54	64	63	62	59	60	59	61	63	62	60	54	47	54	56	56	58.6
Turnpike	Maximum	66	76	77	80	83	80	82	80	78	77	81	82	84	85	84	84	74	79	76	82	83	82	70	75	68	69	61	69	67	65	68	76.4
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	66	....	....	62	58	76	59	60	62	63	63	48	56	54	54	49	55	60	53	....
Waldron	Maximum	75	84	85	88	91	89	85	85	86	85	85	89	88	90	90	89	85	85	82	85	87	85	83	82	75	65	68	75	66	77	72	82.5
	Minimum	44	43	50	57	55	57	56	54	55	47	48	51	52	50	51	43	53	59	52	48	49	51	54	59	58	60	49	39	44	51	57	51.5
Warren	Maximum	73	74	76	83	84	86	87	84	83	83	88	88	87	89	84	86	89	86	85	83	82	85	85	81	83	73	72	75	78	80	77	82.2
	Minimum	47	49	50	57	60	69	70	63	62	54	54	55	64	63	63	62	63	62	62	61	61	61	65	61	63	62	61	46	....	61	63	^{a}59.8
White Rock	Maximum	68	77	77	84	82	82	81	80	80	80	79	84	86	86	85	85	75	86	82	80	82	81	79	78	68	62	60	70	64	66	64	77.2
	Minimum	45	52	59	62	64	62	61	63	63	60	59	63	62	62	63	62	58	62	55	62	63	62	67	60	55	55	49	47	53	54	52	58.6
Wilson	Maximum	70	83	86	76	81	84	86	82	79	80	86	85	86	86	87	84	84	76	82	84	85	85	78	82	80	74	68	72	70	73	73	80.2
	Minimum	46	45	57	61	60	55	57	59	55	54	54	65	63	61	50	56	59	59	58	56	54	57	58	60	60	61	60	47	45	50	57	56.1
Wynne /	Maximum	70	84	85	73	80	85	84	81	79	80	84	86	89	87	85	81	84	71	81	83	86	86	76	85	79	65	71	75	73	74	73	79.8
	Minimum	45	49	60	63	59	60	60	67	55	55	54	63	59	59	55	55	61	60	59	58	56	62	64	62	64	59	59	47	46	55	61	57.8

Daily River Stages for October, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	2.7	1.3	3.2	3.4	3.2	2.8	2.9	2.3	2.1	2.8	3.0	2.8	2.9	2.7	2.2	1.9	2.2	3.2	3.6	6.2	4.9	3.5	2.6	2.6	3.2	3.4	3.8	4.1	3.6	3.1	3.2
Van Buren	do	22	2.9	2.4	3.2	3.5	3.3	3.1	3.1	2.6	2.3	3.0	3.2	3.1	3.2	2.8	2.4	2.1	2.4	3.1	3.3	6.3	5.1	3.7	2.7	2.4	3.2	3.1	3.8	4.3	3.8	3.2	3.4
Danville	Petit Jean	20	3.5	3.5	3.5	2.9	2.6	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
Ozark	Arkansas	22	0.5	0.2	-0.2	0.2	0.4	0.4	0.3	0.1	-0.1	-0.4	-0.2	-0.2	-0.2	-0.1	0.0	-0.4	-0.4	-0.6	0.2	0.5	2.4	1.6	0.0	0.0	-0.2	-0.2	0.6	0.6	0.9	0.7	0.6
Dardanelle	do	22	1.9	1.7	1.3	1.1	1.4	1.6	1.5	1.4	1.3	0.8	0.8	1.1	1.4	1.3	1.2	1.0	0.8	0.9	0.9	1.2	1.8	3.6	2.8	1.8	1.3	1.1	1.5	1.7	1.9	2.2	1.9
Morrilton	do	20	-3.5	-3.7	-4.0	-4.3	-4.4	-4.0	-4.0	-4.1	-4.2	-4.4	-4.6	-4.8	-4.4	-4.3	-4.4	-4.4	-4.6	-4.2	-4.8	-4.6	-4.4	-2.8	-2.2	-3.1	-5.0	-4.7	-4.4	-4.0	-3.9	-3.6	-3.6
Little Rock	do	23	1.3	1.3	1.2	1.0	0.9	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.7	0.8	0.8	0.7	0.7	0.6	0.5	0.5	0.7	1.4	1.9	1.5	1.4	0.9	0.9	1.1	1.1	1.3
Pine Bluff	do	25	1.4	1.7	1.6	1.4	1.3	1.0	1.0	1.0	1.0	1.0	1.1	0.8	0.5	0.3	0.5	0.7	0.7	0.6	0.6	0.3	0.1	0.1	0.5	1.6	2.5	2.1	2.0	1.3	1.1	1.4	1.4
Gilbert	Buffalo	30	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4
Black Rock	Black	14	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.9	2.3	2.1	2.0	1.9	1.9
Forsyth, Mo.	White	30	0.7	0.8	0.8	0.9	0.8	0.7	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.7	0.8
Cotter	do	21	1.0	0.8	1.2	1.3	1.2	0.9	0.7	0.8	0.8	1.3	1.2	1.1	1.1	1.0	0.8	0.8	1.0	0.9	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.8	1.0	1.0	0.7	1.0
Calico Rock	do	18	2.2	1.3	1.1	1.3	1.0	0.6	1.2	1.1	1.2	1.2	1.3	1.1	0.5	1.2	1.2	1.1	1.2	1.2	2.0	0.6	1.0	1.1	1.0	1.0	1.1	1.2	-0.1	1.1	1.0	1.1	1.3
Lock 3	do	..	6.9	6.6	6.3	6.1	6.3	6.3	5.9	6.1	6.1	6.1	6.1	6.3	6.3	6.0	6.3	6.1	6.1	6.3	6.1	6.1	5.7	6.1	6.1	6.1	6.1	6.3	6.4	5.7	6.1	6.1	....
Batesville	do	23	6.3	6.7	6.3	6.1	6.4	6.1	5.1	5.8	6.0	5.8	5.9	6.0	5.8	5.0	5.8	5.9	5.8	5.8	5.9	5.5	4.6	5.6	5.6	5.8	5.8	6.0	5.9	4.7	5.5	5.7	5.9
Newport	do	26	0.5	1.0	1.1	0.8	0.8	0.8	0.7	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.5	0.5	0.5	0.5	0.6	0.4	0.4	0.3	0.4	0.5	0.8	1.4	1.4	0.8	0.9	0.9
Augusta	do	32	11.3	11.2	11.6	11.6	11.6	11.5	11.4	11.2	10.9	11.0	11.0	11.0	11.1	11.1	10.9	10.7	10.9	11.0	11.0	11.0	11.0	10.8	10.5	10.7	10.8	11.2	11.6	12.4	12.3	11.8	11.6
Sugar Loaf Mt.	Little Red	..	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.7	3.0	2.6	2.5	2.5	2.5
Georgetown	White	21	1.2	1.0	0.9	1.1	1.1	1.2	1.2	1.1	0.9	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.7	2.8	3.2	2.8	2.2	1.8
Des Arc	do	24	3.1	3.2	3.2	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.8	3.3	5.0	5.0	4.7	4.2
Clarendon	do	26	7.6	7.7	7.6	7.5	7.6	7.6	7.7	7.6	7.6	7.5	7.4	7.2	7.2	7.2	7.2	7.2	7.2	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.0	7.0	7.4	8.2	9.3	9.6	9.5
St. Charles	do	25	7.3	7.4	7.5	7.4	7.4	7.4	7.5	7.5	7.5	7.4	7.3	7.2	7.1	7.1	7.1	7.1	7.1	7.0	6.9	7.0	7.0	7.0	7.0	7.0	7.0	6.9	7.1	7.3	8.4	9.1	9.3
Glenwood	Caddo	..	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	....	....	....	4.6	4.6	4.5	4.5	4.5	4.4	4.4	4.4	6.7	6.4	5.6	5.5	5.4	5.1
Arkadelphia	Ouachita	17	3.5	2.4	3.3	3.3	3.2	3.1	3.0	3.3	3.4	3.6	3.8	3.4	3.2	3.1	3.3	3.6	3.6	4.3	3.4	3.3	3.2	3.4	3.4	4.1	3.4	3.7	4.6	4.7	4.2	5.0	3.9
Boughton	Little Mo.	20	4.5	4.4	4.4	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	4.2	4.2	4.2	4.4	4.8	4.6	4.4	4.6	6.5	10.6	8.6	7.1	8.4
Camden	Ouachita	26	4.1	4.2	4.4	4.1	4.3	4.3	4.1	4.0	4.0	3.9	4.0	4.3	4.5	4.1	4.1	4.0	4.0	4.4	4.7	5.2	4.5	4.4	4.4	4.5	4.5	4.9	4.9	5.5	7.4	8.1	7.4
Benton	Saline	20	3.2	3.2	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.9	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	9.2	10.1	11.1	6.0	5.5	5.1
Index	Red	25	6.4	6.4	6.4	6.4	6.2	6.2	6.8	6.7	6.6	6.6	....	....	....	....	....	....	....	6.2	6.2	6.2	6.5	6.8	6.8	6.8	6.5	6.2	6.2	6.2	6.2	6.2	6.6
Fulton	do	25	7.8	7.6	7.5	7.1	6.8	7.0	7.3	7.4	7.3	7.3	7.0	6.5	6.7	7.1	7.4	7.4	7.2	7.0	6.4	9.3	9.9	9.0	8.4	8.0	7.4	7.0	7.4	8.1	8.7	8.8	8.6
St. Francis	do	18	2.3	3.0	3.9	4.1	3.6	4.0	4.0	2.9	2.5	2.3	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	2.4	2.6	3.4	3.3	2.8	2.7
St. Francis L.L.	do	..	16.0	15.1	14.1	15.5	17.0	17.8	17.0	16.4	15.5	14.5	13.5	16.0	17.0	16.5	15.9	14.5	16.1	16.9	17.5	17.9	17.7	17.5	17.8	17.4	17.7	17.7	17.2	17.4	17.5	18.0	17.9
Marked Tree	do	17	3.3	3.1	3.0	1.4	1.0	0.7	3.2	3.3	3.2	3.0	2.6	1.0	0.6	2.8	3.0	3.0	0.6	0.6	0.6	0.6	2.6	3.2	0.8	2.8	0.7	0.6	3.6	3.2	3.3	3.3	4.4
Parkin	do	28	3.2	3.2	3.1	2.9	2.6	2.0	1.6	2.6	3.0	3.0	3.1	2.9	2.5	1.7	1.7	2.9	3.1	2.3	1.7	1.4	1.4	1.4	2.0	2.0	1.9	2.0	1.8	3.4	3.3	3.2	3.0
Madison	do	32	1.1	1.1	1.1	1.1	1.2	1.2	0.6	0.4	0.4	0.6	1.2	1.0	0.8	0.6	0.4	0.4	0.6	0.8	0.9	0.4	0.0	-0.2	-0.4	0.0	0.2	0.4	1.7	2.0	2.2	2.4	2.0
Helena	Mississippi	44	6.9	6.5	6.2	6.0	5.6	5.2	4.7	4.4	4.5	4.6	4.6	4.7	4.8	4.6	4.2	3.9	4.2	4.6	4.6	4.2	3.8	3.5	3.5	3.8	4.3	4.7	4.7	4.6	4.5	5.0	5.7
Arkansas City	do	42	5.6	5.1	4.7	4.4	4.0	3.6	3.2	2.8	2.4	2.4	2.5	2.5	2.6	2.6	2.4	2.1	1.9	2.1	2.5	2.6	2.3	1.9	1.6	1.7	2.0	2.6	3.3	2.8	2.7	2.6	2.9

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2] Measured in the morning for the preceding 24 hours. [3] Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould: Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill: Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord: White Rock, Route 2, Winslow.

W.B.R.P.O., Fort Worth, Texas. 12-18-1947-1225

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CLIMATOLOGICAL DATA

3 ARKANSAS SECTION

WALTER C. HICKMON

VOL. LII LITTLE ROCK, ARK., NOVEMBER, 1947 No. 11

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

With the approach of Winter, the rapid changes of weather characteristic of that season began to make their appearance. The first 24 days of the month were the more unstable, with alternate short periods of rain and fair weather, setting a new record for the greatest number of days with rain in November.

The rapid changes were brought about by the movement of numerous storm centers (LOWS) over Arkansas, or the States bordering Arkansas. The Cold Masses of Air to the rear of these storm areas maintained sufficient cold to cause a deficiency of almost 4° at the end of the month.

The month's weather was very favorable to winter-grains, berries, pastures, and other winter crops. Preparation of fields was delayed until near the end of the month, as well as the picking of a small percentage of the cotton crop, which still remained in the fields.

Killing frosts were reported from practically all stations in the State on November 12, marking the theoretical end of the growing season. The last general Killing Frost in Spring occurred on April 17; which gives the State a growing season of about 208 days for 1947.

There were no severe storms, or floods, during the month. Numerous local thunderstorms were reported and one death by lightning was reported. Mrs. Kate Owens, of near Van Buren, was struck by lightning on the 4th. The report states that she was rendered unconscious, and then fell into a pool of rainwater and drowned.

TEMPERATURE

The average temperature for the month was 47.7°, 3.6° below the 57-year average. There were no radical extremes in temperature, and the deficiency was due more to the lower daytime temperatures than to the actual minimums.

The highest temperature for the month was 82°, and was reported by both Ashdown and Camden on the 1st. Crossett reported the highest average temperature for the State with 52.3°. Even this temperature was 1.5° below their average.

The lowest temperature for the State, 17°, was reported by Harrison on the 30th. Lead Hill reported the next lowest with 18° on the same day. Mammoth Spring again reported the lowest mean for the month with 43.4°, 4.9° below their average.

There were only five days during the month that the temperature was above the normal.

PRECIPITATION

November 1947 was the rainiest November of record for Arkansas, even though it was not the wettest. The average number of days with .01 inch or more, was 11; the previous high was 10 in 1946; and the normal is 6 days.

November's average for the month was 5.06 inches, 1.21 inches above the 57-year average. Stations in the Alluvial Section of Arkansas reported 40% to 100% above November Normal, while those in the Mountainous areas were just about normal, or below.

Fordyce reported 9.18 inches for the heaviest November fall, and Fort Smith 2.28 for the lightest. The greatest 24-hour fall was 3.81 inches at Camden on the 22nd.

Only 4 stations reported any snow during the month, and then it was only a trace, an amount too small to measure. Hail was reported on 4 days; no damage was reported. J.C.H.

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	13	7	4	43	1	52	25	1	7	32	6	..	2	12	1	..	3	4	..	..	5	3	..	..	..	..	..	..	..	..	..
High Winds	2	..	..	1	..	15	16	2	..	2	1	..	1	1	1	..	..	..	..	..	..	1	1	6	1	..	1	1	..	..	..
Heavy Fog	8	10	18	13	4	3	1	3	3	20	7	3	4	12	18	5	5	20	26	30	29	23	29	5	2	3	3	1	..	..	..
Sleet	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	3	4	1	2	2	2	1	..	1	1	..	..	..	..	..
Hail	..	..	1	11	..	2	4	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.56	30	29.55	6	7.8	25	w.	7	86	60	69	48	519
Little Rock	30.60	30	29.57	14	7.6	29	se.	21	90	68	71	41	506
Memphis .	30.58	30	29.57	14	7.6	24	nw.	11	87	58	71	47	493
Texarkana	30.52	30	29.57	14	....	34	w.	6	86	58	65	..	419

COMPARATIVE DATA FOR NOVEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	49.7	87	10	5.56	....	8	13	7	10
1892	49.9	79	20	5.83	1.2	9	11	7	12
1893	49.3	84	10	4.21	0.0	5	14	8	8
1894	50.4	81	12	1.12	T.	2	19	6	5
1895	49.9	82	16	4.82	0.1	6	14	5	11
1896	52.8	88	8	4.34	0.1	7	14	7	9
1897	51.6	88	15	2.82	T.	6	16	6	8
1898	47.5	87	9	3.20	T.	4	13	8	9
1899	54.3	87	17	2.61	T.	6	13	8	9
1900	51.4	90	18	4.28	T.	6	15	7	8
1901	50.5	88	15	2.99	0.0	5	16	7	7
1902	56.5	90	18	6.66	T.	9	8	9	13
1903	47.6	89	2	0.64	0.1	3	13	9	8
1904	51.4	89	17	1.38	T	3	17	5	8
1905	53.2	88	9	3.28	T.	5	16	5	9
1906	50.2	88	13	5.90	0.1	6	14	7	9
1907	49.0	84	10	5.71	T.	6	16	5	9
1908	53.8	88	5	5.40	T.	8	15	6	9
1909	59.3	90	16	3.75	0.0	7	13	8	9
1910	51.5	85	17	0.47	0.0	3	16	9	5
1911	46.8	86	5	3.18	0.2	7	14	8	8
1912	50.5	89	13	1.66	T.	2	19	7	4
1913	57.6	85	20	2.47	0	5	10	9	11
1914	52.6	88	11	2.32	T.	4	15	6	9
1915	54.8	88	17	5.40	0.1	6	16	5	9
1916	52.1	87	10	2.95	T.	5	20	4	6
1917	50.7	85	11	1.96	T	4	17	4	9
1918	49.7	88	18	3.91	0.1	6	15	4	11
1919	51.4	86	14	6.27	T.	7	17	3	10
1920	47.8	89	10	1.95	T	5	15	4	11
1921	54.9	88	17	5.53	T.	7	13	6	11
1922	52.9	88	20	3.89	0.0	6	16	6	8
1923	50.8	81	21	3.34	0.3	6	15	4	11
1924	53.4	88	15	2.36	T.	4	16	5	9
1925	50.4	89	15	5.67	T	8	16	4	10
1926	47.2	81	10	3.33	0.7	6	14	5	11
1927	56.7	96	20	3.67	0.1	6	7	8	15
1928	50.2	82	13	4.25	T.	8	13	3	14
1929	46.1	85	7	2.61	2.3	8	10	6	14
1930	50.5	87	16	4.15	T.	7	16	4	10
1931	57.6	88	18	6.34	T.	9	9	6	15
1932	46.7	82	9	1.98	0.1	6	16	4	10
1933	53.0	85	20	1.86	T	4	16	6	8
1934	54.6	88	20	6.89	0.6	9	15	5	10
1935	49.8	89	16	3.81	T.	9	8	6	16
1936	48.5	87	12	3.00	0.2	5	17	5	8
1937	48.3	90	6	4.99	0.5	8	13	6	11
1938	50.7	89	8	5.26	0.1	5	16	6	8
1939	48.8	87	14	3.39	T.	7	12	5	13
1940	49.3	82	3	5.93	T.	9	13	5	12
1941	49.9	87	18	2.31	T.	6	15	6	9
1942	54.5	88	18	3.83	T.	8	12	5	13
1943	49.7	88	15	1.10	T.	3	19	5	6
1944	52.7	87	17	4.70	0.1	7	10	7	13
1945	53.5	88	14	3.97	T	8	14	7	9
1946	53.6	85	17	9.09	0.0	10	11	6	13
1947	47.7	82	17	5.06	T.	11	..	..	
1948									
Period	51.3	96	2	3.85	0.1	6	..	..	..

Climatological Data for November, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	10	48.2	− 3.3	72	30	28	12	4.91	−0.36	1.92	14	0	11					L. R. Water Works
Arkadelphia	Clark	200	51	48.2	− 5.0	78	1	27	8†	6.20	+2.35	1.34	7	0	16					W. H. Halliburton
Ashdown	Little River	329	3	48.0	......	82	1	25	28	4.78	......	1.33	14	0	12					Southwestern G. & E.
Batesville Airway	Independence	363	11	46.6	− 2.5	70	5	24	30	4.40	......	1.45	14	0	13					Airway Observer
Batesville Livestk.	Independence	500	6	....	......	......	......	......	......	....	......	....	......	......	....					University of Arkansas
Bee Branch	Van Buren	650	54	47.4	− 3.3	69	6	25	12	4.54	+1.01	1.53	7	0	8					Minnie Scanlan
Benton	Saline	285	11	46.6	+ 3.7	78	1	23	30	6.21	......	1.24	7	0	15					Mrs. Etta C. Burks
Bentonville	Benton	1295	41	43.6	− 4.4	68	7	19	30	3.12	−0.16	1.09	14	0	10					E. L. Brown
Bethesda ***	Independence	500	7	45.5	.....	70	1	21	12	4.96	......	1.40	15	0	9					Soil Cons. Service
Black Rock	Lawrence	259	45	....	......	......	......	......	......	4.48	+0.48	1.18	15	0	8					J. H. Ragan
Blytheville	Mississippi	252	21	48.5	− 1.7	68	6†	24	30	4.38	+1.02	1.33	14	0	9					R. E. Blaylock
Booneville 3 miles w	Logan	465	32	48.6	− 3.2	74	4	27	12†	2.75	−0.50	1.29	14	0	9					F. H. Randolph
Brinkley	Monroe	205	55	49.3	− 2.6	70	6†	27	12	7.19	+3.23	1.63	15	0	11					Robert L. Glover
Camden	Ouachita	116	61	49.8	− 3.6	82	1	27	29	5.52	+1.11	3.81	22	0	12					J. M. Knight
Camp Chaffee	Sebastian	419	3	47.3	......	72	5	26	25†	2.56	......	0.68	15	0	11					U. S. Army
Clarendon	Monroe	172	42	....	......	......	......	......	......	8.10	+4.13	1.61	15	0	14					B. F. Northern
Conway	Faulkner	309	63	48.2	− 3.6	70	5	25	12	4.78	+0.71	1.45	7	0	14					G. Y. Short
Corning	Clay	293	53	45.8	− 2.8	68	6	23	30	4.62	+1.13	1.29	15	T.	10					Mrs. Laura Polk
Cotter	Baxter	440	19	....	......	......	......	......	......	2.93	−0.08	1.13	15	0	11					O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	52.3	− 1.5	78	4	28	8†	5.73	+1.52	1.62	14	0	8					U. S. Forest Service
Cummins Farm ***	Lincoln	176	3	a51.2	......	71	1†	31	28	8.20	......	2.55	10	0	8					T. C. Cogbill
Danville	Yell	327	30	....	......	......	......	......	......	4.40	+0.83	1.70	7	0	14					J. A. Moudy
Dardanelle	Yell	330	60	48.4	− 3.3	73	4†	27	12†	7.57	+4.09	1.69	7	0	15					Geo. N. Goodier
DeQueen	Sevier	426	11	...	......	......	......	......	......	....	......	....	......	......	....					L. D. McCown
Des Arc	Prairie	204	8	48.9	......	75	6	28	30	6.08	......	1.14	15	0	10					Z. R. Glenn
Devil's Knob ***	Johnson	2350	10	45.8	......	65	5	22	30	4.19	......	1.04	14	0	8					U. S. Forest Service
Dumas	Desha	162	41	51.2	− 2.3	70	1†	28	12	6.22	+1.99	1.89	8	0	12					Ben Johnson
El Dorado	Union	270	46	49.9	− 5.2	76	4	28	29	7.01	+2.23	1.48	11	0	12					Airway Observer
England	Lonoke	229	40	....	......	......	......	......	......	....	......	....	......	......	....					Joseph M. Dolan
Eureka Springs	Carroll	1465	46	4.50	− 4.9	67	4	22	30	2.91	−0.32	0.95	14	0	11					Geo. W. Nichoalds
Fayetteville	Washington	1334	9	45.8	......	67	6	24	12†	2.87	......	0.95	14	0	14					Charles F. Ford
Fayetteville Exp	Washington	1451	59	45.8	− 3.5	68	4	24	30	2.35	−0.70	0.91	14	0	9					University of Arkansas
Fordyce	Dallas	280	6	50.8	− 2.6	76	6	28	20	9.18	+5.17	1.78	14	0	10					Ark. Forestry Com.
Fort Smith	Crawford	448	65	47.6	− 3.3	72	4	28	25	2.28	−0.59	0.91	14	0	10					U. S. Weather Bureau
Fulton	Hempstead	260	61	....	......	......	......	......	......	6.25	+2.46	1.54	7	0	11					Ina J. Logan
Georgetown, 2 mi. se	White	200	34	....	......	......	......	......	......	5.47	+1.72	1.55	15	0	12					J. S. McDonald
Gilbert	Searcy	600	21	4.51	......	70	1	20	12†	3.07	+0.18	1.15	15	0	11					D. O. Dennis
Grannis	Polk	950	27	46.6	− 4.3	72	4	27	7†	5.38	+0.69	1.21	7	0	12					W. E. McVay
Gravette	Benton	1250	49	45.3	− 3.2	69	6	20	30	2.73	−0.45	1.01	15	0	6					J. A. Schmidt
Green Mountain ***	Stone	1100	9	45.0	......	64	2	24	30	3.99	......	1.48	16	T.	6					U. S. Forest Service
Harrison	Boone	1052	46	43.9	− 4.5	71	4	17	30	2.59	−0.14	0.57	4	0	10					R. C. Beene
Helena	Phillips	300	74	49.9	− 2.8	72	1	29	12	6.78	+2.24	1.32	15	0	14					James A. Burnett
Hope 3 miles e	Hempstead	375	76	49.3	− 3.9	80	1	29	12†	6.86	+2.31	1.69	7	0	14					Univ. of Arkansas
Hot Springs	Garland	600	54	49.8	− 4.0	71	5	30	12	5.01	+0.69	1.78	14	0	10					National Park Service
Jonesboro	Craighead	345	51	45.6	− 6.3	67	5	24	30	5.89	+2.53	1.62	15	0	11					Benedictine Sisters
Lead Hill	Boone	650	40	44.4	− 3.1	71	4†	18	30	2.47	−0.91	0.87	14	0	7					F. W. Kellogg
Little Rock	Pulaski	257	67	48.2	− 3.9	68	5†	30	12	6.27	+2.08	1.91	14	0	14					U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	48	47.7	− 3.1	69	1	25	30	4.62	+1.03	1.70	18	0	6					Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	....	......	......	......	......	......	6.78	+2.68	1.68	15	0	12					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	51.6	− 3.4	77	4	30	12†	5.39	+0.76	1.33	7	0	11					State Agri. School
Mammoth Spring	Fulton	600	42	43.4	− 4.9	68	9	20	30	4.19	+0.79	1.16	8	0	13					L. A. O'Neal
Marianna	Lee	235	35	48.4	− 3.5	70	6	28	12	5.48	+2.11	1.59	16	0	12					Univ. of Arkansas
Marked Tree	Poinsett	229	42	46.7	− 2.2	75	1	25	12†	6.71	+2.63	1.95	15	0	13					Chas. Walton
Marshall	Searcy	1050	28	45.9	− 4.6	69	29	21	30	3.66	+0.07	1.10	14	0	10					Mrs. Minnie Horton
Mena	Polk	1207	58	47.2	− 4.7	73	1	28	12	3.75	+0.18	0.83	7	0	12					E. W. St. John
Monticello	Drew	273	6	50.4	......	72	6	30	28	7.19	......	1.61	10	0	14					Airway Observer
Morrilton ***	Conway	315	30	46.8	− 3.9	76	1	26	12†	3.59	−0.28	1.19	7	0	11					L. A. Dicus
Mountainburg	Crawford	712	9	....	......	......	......	......	......	3.42	......	1.05	14	0	7					C. A. Lovell
Mountain Home ***	Baxter	800	34	45.2	− 3.4	71	9	19	30	2.40	−0.77	0.90	14	0	8					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	45.4	− 4.7	73	6	22	12	5.74	+1.59	1.82	14	0	8					J. S. Whittington
Nashville	Howard	350	8	49.6	......	76	4	28	8†	5.62	......	1.62	14	0	11					Brice Carruth
Newport	Jackson	231	63	47.3	− 3.6	71	5	26	12	4.45	+0.36	1.60	15	0	13					Willis T. Moyer
Nimrod Dam	Perry	475	5	48.0	......	74	1	26	12	4.90	......	1.41	7	0	15					U. S. Engineers
Oden, 2 mi w	Montgomery	800	19	46.6	......	76	2	24	10	5.12	+1.23	2.01	14	0	10					U. S. Forest Service
Okay	Howard	288	18	51.0	− 2.3	79	1†	27	29	5.25	+0.89	1.85	14	0	9					J. T. Hargis
Osceola	Mississippi	250	46	....	......	......	......	......	......	4.48	+0.50	1.74	14	0	9					C. E. Carter
Ozark	Franklin	396	51	46.7	− 4.4	70	5†	28	28†	2.90	−0.18	0.93	15	0	12					Orkney O. Milton
Paragould	Greene	275	23	46.2	......	69	9	23	30	5.57	+2.26	1.28	14	0	13					Jene J. Coffman
Parkin, 2mi. w	Cross	222	16	....	......	......	......	......	......	7.33	+3.69	1.68	15	0	13					Carroll King
Perryville	Perry	325	7	47.3	− 2.8	72	5	23	12	4.44	+0.84	1.52	14	0	8					Gordon Bennett
Pine Bluff	Jefferson	215	59	50.2	− 3.1	78	1	33	12†	7.47	+3.29	1.44	15	0	14					Mary T. Scheu
Pine Ridge	Montgomery	840	22	....	......	......	......	......	......	5.33	+1.22	1.73	7	0	12					J. R. Huddleston
Pocahontas	Randolph	300	53	46.2	− 3.8	70	9	22	30	4.54	+0.97	1.21	14	T.	14					Benedictine Sisters
Portland	Ashley	122	40	51.8	− 2.4	75	4	30	12	8.38	+4.23	2.00	15	0	10					Mrs. Pearl Newton
Prescott	Nevada	318	58	50.4	− 3.5	73	4	30	12	7.05	+3.34	1.60	14	0	11					R. P. Hamby
Rogers	Benton	1300	56	44.9	− 3.8	69	6	20	30	3.15	+0.12	1.03	14	0	10					Howard Fowler
Russellville	Pope	526	34	48.5	− 1.6	71	4†	26	8†	4.66	+0.89	1.46	14	0	9					U. S. Forest Service
St. Charles	Arkansas	175	13	49.4	......	79	1	29	12	7.31	......	1.52	15	0	13					U. S. Biological Survey
St. Francis	Clay	290	19	....	......	......	......	......	......	3.78	+0.24	1.16	15	0	10					Wm. S. Buckley
Searcy	White	245	36	48.0	− 2.9	73	5	29	12†	5.60	+1.30	1.60	15	0	12					Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	6	49.0	......	70	6	30	12†	7.89	......	1.95	14	0	14					Ark. Forestry Com.
Siloam Springs	Benton	1150	6	46.2	......	68	5†	22	30	3.15	......	1.31	14	0	12					John Brown Univ.
Story	Montgomery	650	22	....	......	......	......	......	......	4.52	+0.64	1.33	14	0	12					S. C. Story
Stuttgart	Arkansas	214	59	49.8	− 2.6	69	6	31	12	6.42	+2.33	1.55	14	0	10					George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	11	48.8	− 2.1	77	1	28	8	6.28	+1.74	1.42	15	0	13					University of Ark.
Subiaco	Logan	750	43	47.8	− 4.2	70	4	28	12	3.12	−0.05	1.08	14	0	9					New Subiaco Abbey
Texarkana	Miller	332	62	51.0	− 4.2	79	4	32	12	6.88	+3.21	2.38	21	0	10					U. S. Weather Bureau
Turnpike ***	Pope	2240	22	44.0	......	68	6	22	30	4.30	+0.21	1.28	14	0	14					U. S. Forest Service
Waldron	Scott	675	27	47.2	......	74	4†	23	12†	3.01	−0.54	1.10	14	0	5					William D. Bivens
Warren	Bradley	206	52	a50.6	− 3.3	72	4	30	12	5.27	+1.11	1.45	10	0	11					C. N. Turner
White Rock ***	Franklin	2285	10	44.6	... ..	64	5	27	11†	3.61	......	0.89	14	0	12					U. S. Forest Service
Wilson	Mississippi	237	21	....	......	......	......	......	......	....	......	....	......	......	....					D. O. Anderson
Wynne	Cross	167	38	48.4	− 2.8	69	5	28	30	7.28	+3.48	1.90	10	0	12					Guy B. Upton
State Means	....	....	..	47.7	− 3.6	82	1	17	30	5.06	+1.21	3.81	22	T.	11					

Daily Precipitation for November, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas							.47								1.11			.15		1.11	.13	.13										3.10
Alum Fork Reser.	Arkansas	.20	.23		.05			1.22			.50	.03			1.92				.15	T.	T.	.31	.10	.20	T.								4.91
Aplin[2]	Arkansas		.30	T.	T.			1.68			.37	.07			.34	.98			.23	.12	T.		.33	.10	.13								4.65
Arkadelphia[2]	Ouachita	.20	.19	.05	.02	.02		1.34			.67	.15			1.02	.99			.32	.03	T.	.35	.63	.12	.10								6.20
Arkansas City[2]	Mississippi	.43	.40	T.	T.	.15		.76			1.17	1.28	.02		.11	.90			.29	.09	T.		.08	.41	.03								6.12
Ashdown[2]	Red				.02	.01		1.14			.69	.01			1.33				.40	.02		.22	.80	.22	.12								4.98
Augusta[2]	White	.08	.70	T.		.30		.76			.37	.56			.12	1.64		T.	.41			T.	.79		.10								5.83
Batesville Air'y[3]	White	.45	.06		.31		.66	.14		.05	.43				1.45			.07	.22			.44	.03	.09									4.40
Batesville Livestk.[2]	White		.36		.74		1.10									1.35			.24	.15		.12		.31									....
Batesville River[2]	White		.54				T.	1.08			.11	.15			1.37	1.37			.22	.07	.01	.10	.26	.02	.05								5.35
Beaty Lake	St. Francis	1.30	.85		.15			.53			1.08	.52			2.15	.14			.15			.82		.37			T.	T.					8.06
Beaver[2]	White	T.	.28		.06			.31				.87				.98			.07	.05		.28	.20	.03	.06								3.19
Bee Branch	Arkansas	.18		.13				1.53			.60				1.43				.30				.22	.15									4.54
Beech Grove[2]	White	.10	.59	.02		.50		.59			.10	.28			1.10					.30	T.		.40				T.						3.98
Beedeville[2]	White																																....
Benton[2]	Saline	.09	.11	.23	.35	.18		1.24			.46	.09			.90	.97			.26	T.		.42	.61	.21	.09								6.21
Bentonville[2]	Arkansas	.02			.14			.32				.42			1.09				.12	.02		.78	.09	T.	.12								3.12
Bethesda[2]	White	.36			.74		1.10									1.40			.23	.17		.11	.25	.60									4.96
Big Flat[2]	White	.78	.32			.50		1.11		.14		.14				1.15		T.	.27	.19	T.	.08	.24	.11									5.03
Big Lake Outlet[2]	St. Francis	.66	.05			.40		.58			.19	.90			T.	1.69			.47	T.			.17	T.	.20								5.31
Black Rock[2]	White		.90			.57		.49			.21	.56			T.	1.18			.22				.35										4.48
Blytheville[1]	St Francis	.74	.23					.53			.48	.33			1.33			.52						.10	.12								4.38
Booneville 3 mi. w.	Arkansas		.01		.04			.49			.03				1.29				.31			.11	.20	.27									2.75
Booneville[2]	Arkansas		.01	T.	.14	T.		.80			T.	T.			.15	1.21			.20	.18	T.	.11	.28	.25	.02								3.35
Boughton[2]	Ouachita							1.50			.63				1.50	.74			.28			.69	.92	.23									6.49
Bradford[2]	White	.11	.51			.40		.73			.33	.31			.10	1.68			.29	.01					.10								4.57
Brinkley[3]	White	1.48	.80		.05			.74			.78	.39				1.63			.28				.72	.17	.15		T.						7.19
Burdette	Mississippi	.98	.49		.68			.56			.22	.50			1.42	.15									.36								5.36
Calico Rock[2]	White		.15	.03		.80		.84			T.	.30	T.			1.28			.25	.17		.11		.35	.20		T.						4.48
Camden[2]	Ouachita	.39		.02	.02	.39						.04			.35	T.			.34		.01	.01	3.81	.11	.03								5.52
Camp Chaffee[2]	Arkansas				.11				.30		T.	.02			.37	.68			.18	.11	T.	.27	.25	.24	.03								2.56
Carlisle[2]	Arkansas	.88	1.02	.73					.87		T.	.70	.17			.70						T.	.70										5.77
Clarendon[2]	White	1.16	.66	.03		.14		.72			.96	1.02			.34	1.61		.16	.02				.55	.57	.16								8.10
Clinton[2]	White				.60			1.40		.64	.05			.57	1.50			.25	.60	.10		.50			.25								6.46
Cold Springs[2]	Ouachita		.20		.08			1.00			.08	.04			.50	.55			.20	.20	.05	.12		.35									3.37
Conway	Arkansas	.19	.01	T.	.02			1.45			.80	.01			1.35	.05			.09	.04		.33	.15	.22	.02								4.73
Corning[2]	White	.06	.39			.76		.52			.04	1.01				1.29				.20			.26		.09		T.						4.62
Cotter[2]	White	.06		.07	T.	.09		.54			T.				T.	1.13			.21	.13		.10	.38	.14	.08		T.						2.93
Cove[2]	Red					.20		1.40							.80				.11	.19		.18											....
Crossett	Ouachita			T.	T.			1.10			.88	.85			1.62				.36	.01			.64	.27									5.73
Crystal Valley(nr)[2]	Arkansas	1.04	.23		.10			1.02				.73			1.84				.15			.69	T.	.02									....
Cummins Farm	Arkansas	.60			.30			1.30			2.55	.80			1.80						T.	T.	.50	.35									8.20
Danville[2]	Arkansas		.11		.01	.06		1.70			.09	.07			.27	1.03			.16	.26	T.	.12	.21	.27	.04								4.40
Dardanelle[2]	Arkansas		1.67	.06		.37		1.69				.16	.09	.12		1.12		1.27	.15	.18		.11	.32	.20	.06								7.57
De Queen	Red						1.25				.52				2.14				.34	T.		1.16											....
Dermott[2]	Mississippi	.33	.51	.10	.40		T.	.90			.82	.70	T.		.62	.66			.28	.10			.10	.45	T.								5.97
Des Arc[2]	White	.75	.94			.38			.70		.51	.74			.57	1.14			.25	T.		T.		T.	.10			T.					6.08
Devils Knob	Arkansas	T.	T.		.37			.43			.78				1.04	.31			.47			.14	.65	T.									4.19
Dumas	Mississippi	1.20	.11		.60				1.89		.48	1.05							.24	.03		.02	.46	.08		.06							6.22
Eagle Gap[2]	Arkansas		T.		.11			1.15			.02	.06			.60	.66			.34	.07	T.	.06	.47	.20	.10								3.84
El Dorado	Ouachita	1.22	.85	.04				.12			.81	1.48			.46		.64		.30				.83	.18	.08								7.01
Eleven Point[2]	White																																....
England	Arkansas																																....
Eureka Springs	White	.15	.07		.07			.35			.45	.05			.95	.03			.17			.25		.37									2.91
Evening Shade[2]	White	.25			1.00	.75					.65					1.13			.32	.24	.08	.21		T.	T.								4.63
Fayetteville	White	.02	.04		.18			.36			.40	.01			.95	.02			.36	.01		.40	.03	.07	.02								2.87
Fayetteville Exp. S.	White	.03	T.		.11			.28			.36	T.			.91				.30	T.		.21	.08	.07	T.			T.					2.35
Fordyce	Arkansas	.68	.23	T.	.11			1.69			.99				1.78				.32	T.		1.20	1.65	.53	T.								9.18
Forester[2]	Arkansas	.10	.15		.24		1.07	T.			.25				1.35			.10	.08	.15	.06	.25						T.					3.80
Fort Smith[1]	Arkansas	T.	T.		.01		.31			T.	.01			T.	.91			.07	.20	T.	.02	.49	.12	.14				T.					2.28
Fort Smith W. Plant[2]	Arkansas				.28			.36					T.		T.	1.11			.50		.36	.54		.10	.08								3.33
Fulton[2]	Red		.03			T.		1.54			.67	.03			1.33	.59			.35	T.		.40	.98	.24	.09								6.25
Garland[2]	Red					.10		2.10			.72	T.			.38	.89			.19			.35	1.73	.29	T.								6.75
Georgetown[2]	White	.15		1.09		T.		.84				.40	.16		.11	1.55			.30	.02			.76	.02		.07							5.47
Gilbert[2]	White	T.	.14			.16		.57			.06				T.	1.15			.25	.10	.04		.40	.15	.05								3.07
Glenwood[2]	Ouachita					.28		1.10			.60	.08			.89	.76		T.	.28	T.			.69	.76	.05								5.49
Grannis[2]	Red	T.		.03				1.21			.57	.11		1.07	.68			.10	.04	T.	.33	.80		.41	.03								5.38
Gravelly[2]	Arkansas	.49	.03		.22	.04		1.24			.11	.09			.48	.95			.12	.22	.02	.17	.24	.24	.04								4.70
Gravette	Arkansas				.11	T.					.72					1.01							.33	.43	.13								2.73
Greenbrier[2]	Arkansas										2.75				1.54			.41	.06	.10		.31	T.	T.									....
Green Forest	White	.07	.30		.10			.20				.78				.84				.15	T.	.23	.43	.06	.10								3.26
Green Mountain	White		.54			.55		.64			T.				.26		1.48		T.	.52	T.	T.	T.	T.				T.					3.99
Greenwood[2]	Arkansas		.54				.69						.58	.48	.42			.47	.39	.09	.10	.07	.07	.57									4.47
Harrison	White	.09	.07		.57			.24			.05				.76				.28	.05		.08		.40									2.59
Helena[2]	Mississippi	.74	.48	.19		.18		1.05			1.10	.88			.35	1.32		.03	.06				.08	.22	.10								6.78
Henderson[2]	White			.22				.56			T.	.17			.98				.32	T.			.14	.17	T.								2.56
Hope[2]	Red		.09	.03				1.69			.76	.02			1.51	.76			.32	.01		.34	1.10	.14	.08		.01						6.86
Horatio[2]	Red				.04			1.74			.38	.07			1.64	.64			.31			.21	1.11	.36									6.50
Hot Springs	Ouachita	.12	.04		.20				1.12		.52	T.			1.78		T.		.31			.37	.27	.28	T.								5.01
Huntsville[2]	White																																....
Huttig Lock 7, Dam 6[2]	Ouachita	.61	.47		.02				.99		.70	.93			.06	1.14			.31	.02			.38	.54	T.								6.17
Index[2]	Red							1.25			.25				1.00	.25			.25			.25	.50	.25	.25								4.25
Jonesboro[2]	White	.27	.84			.42		.79			.18	.58			.02	1.62			.50				.51	T.	.16								5.89
Judsonia[2]	White																																....
Lake City[2]	St. Francis	.81	.40		.31			.53		.40	.25				1.50				.59			.21	.06	.04	.13								5.23
Lead Hill	White			.19	.32			.22			.15				.87				.28					.44									2.47
Little Rock[1]	Arkansas	.77	.03		.58		.69	.23		.04	.71			T.	1.91			.03	.25	.01		.83	.03	.16	T.			T.					6.27
Lock & Dam No. 3[2]	White	.04	.22	.02		.74		.79			.05	.08			T.	1.35			.23	.20	.04	.03	.25	.02	.06								4.12
Lurton[2]	White	.10	.60	.05		.66		.65			.05	.18			.04	1.20			.27	.19	.03	.09	.54	.25	.03								4.93
Lutherville	Arkansas				.18			.80			.20		1.30	T.					1.70					.44									4.62
Madison[2]	St. Francis	1.25	1.07	T.		.18		.45			.67	.63			.12	1.68			.33				.10	.10	.20								6.78
Magnolia	Red	.16	.05		.42			1.33			.77				1.08					.38			1.00	.20	T.								5.39
Mammoth Spg[2]	White	.06			.71				1.16		*	.26			*	1.12			.06	.20	.07	T.	.37	.05	.13								4.19
Marianna[2]	St. Francis	.68	.02			.13		.68			.94		.73		.46		1.59			.08			.05	.04		.08							5.48
Marked Tree[2]	St. Francis	.32	.80	.11		.61		.58			.25	.91			.05	1.95			.48				.22	.25	.18								6.71
Marshall[2]	White	.18	.06	.24				.80			.27				1.10				.44	.04		T.	.27	.26			T.						3.66
Marvell[2]	White	.43	.62		.18	.11		.82			.80	.86			1.84								.47										6.13
Melbourne[2]	White	1.10				.60		.86			.10				1.05	1.05			.65		.15	.15				.12							5.83
Mena[2]	Ouachita		T.		.26	T.		.83			.09	.09			.49	.77			.23	.20	T.	.19	.30	.28	.02								3.75
Monticello[1]	Ouachita	.94	.20		.47		.80	.62		.35	1.61			.02	1.09	T.		.13	.28	T.		.02	.51	.15									7.19
Morobay[2]	Ouachita	.23	.10		T.	T.			1.09		1.43	.33			.81				.33				.78	.11	.05								5.26
Morrilton[2]	Arkansas		.20			.10		1.19		T.	.43	.03			T.	.92			.19	T.		.17	.16	.10	.10								3.59
Mountainburg	Arkansas				.31			.42			.05				1.05				.55	T.	T.	.82	T	.22	T.								3.42
Mountain Home	White				.10		.55				.10	.10			.90				.25				.30	.10									2.40
Mountain View[2]	White		.49	.06	T.	.51		.91			.31					1.31		.22	.34	.04		.13		.10	.17								4.59

Daily Precipitation for November, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	....	....	....	.10	....	1.30	....	....	....	1.09	....	....	....	1.82	....	....	.35	....	.15	....	.58	....	.35	....	....	....	....	....	....	....	....	5.74
Mulberry[2]	Arkansas	....	....	....	.12	T.	....	.34	....	....	T.	T.	....	....	.29	.80	....	....	.23	.12	T.	.34	.30	.18	T.	....	....	....	....	....	....	....	2.72
Nashville	Red	.01	.05	....	T.	....	....	1.13	....	T.	.58	....	....	....	1.62	....	....	.09	.28	....	....	1.32	.23	.30	.01	....	....	....	....	....	....	....	5.62
Newport[2]	White	.02	.67	.03	....	.30	....	.67	....	....	.30	.32	....	....	.08	1.60	....	....	.36	.05	....	....	....	.05	.10	....	....	....	....	....	....	....	......
Nimrod Dam[2]	Arkansas	....	.30	.01	.01	....	....	1.41	....	....	.34	.04	....	....	1.26	....	....	....	.23	.12	.02	.11	.19	.21	.05	....	.60	....	....	....	....	....	4.90
Oark[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Odell[2]	Arkansas	.04	....	.04	....	....	.37	....	....	....	....	.12	....	.18	1.14	....	....	.24	.19	....	.22	.43	....	.12	....	....	....	....	....	....	....	....	3.09
Odent‡	Ouachita	....	....	....	.09	....	*	1.40	....	....	.30	....	....	....	2.01	....	....	....	.26	....	....	.41	.54	.09	.02	....	....	....	....	....	....	....	5.12
Okay	Red	....	....	....	.08	....	....	....	.90	....	.78	.02	....	....	1.85	....	....	....	T.	.25	....	.70	.42	.25	....	....	....	....	....	....	....	....	5.25
Osceola[2]	Mississippi	.46	....	T.	....	.37	....	.51	....	.12	.49	....	....	....	1.74	....	....	.30	T.	....	T.	.10	....	....	....	....	.39	....	....	....	....	....	4.48
Ozark[2]	Arkansas	....	T.	....	....	.22	....	.46	....	....	.06	.03	....	....	.07	.93	....	.15	.27	....	....	.14	.32	.17	.08	....	....	....	....	....	....	....	2.90
Paragould	St. Francis	1.25	.20	....	.45	....	....	.65	....	....	.30	.28	....	....	1.28	.17	....	....	.38	....	....	.37	T.	.12	.07	.05	....	....	....	....	....	....	5.57
Parkin[2]	St. Francis	.62	1.12	.10	....	.47	....	.48	....	....	.80	.93	....	....	.05	1.68	....	....	.36	....	....	....	.47	.07	.18	....	....	....	....	....	....	....	7.33
Parthenon[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Perryville[2]	Arkansas	.32	T.	....	T.	....	....	1.34	....	T.	.53	....	....	....	1.52	....	....	....	.15	.05	....	.30	....	.23	....	....	....	....	....	....	....	....	4.44
Pine Bluff[2]	Arkansas	.11	.68	.01	....	.13	....	1.32	....	....	1.09	.07	....	....	.86	1.44	....	.19	....	T.	T.	.01	1.39	.10	.07	....	....	....	....	....	....	....	7.47
Pine Ridge[2]	Ouachita	....	.02	.02	....	....	....	1.73	....	....	.11	.21	....	....	.83	.97	....	....	.16	.18	.31	.44	....	T.	.35	....	....	....	....	....	....	....	5.33
Pocahontas	White	.30	.09	....	.87	....	....	.42	....	....	.27	.68	....	....	1.21	....	.08	....	.21	.01	....	.17	.14	.06	.03	....	T.	....	....	....	....	....	4.54
Portland[2]	Ouachita	.21	.65	....	....	....	....	....	1.40	....	.78	1.78	....	....	.05	2.00	....	....	.36	....	....	....	.05	1.10	....	....	....	....	....	....	....	....	8.38
Prescott[2]	Ouachita	....	.12	....	....	....	....	1.43	....	....	.73	.05	....	....	1.60	.65	....	....	.32	....	....	.60	1.15	.25	.15	....	....	....	....	....	....	....	7.05
Ratcliff[2]	Arkansas	....	....	....	.50	....	....	.52	....	....	T.	.10	....	....	1.26	....	.02	....	.12	....	.10	.30	....	.26	....	....	....	....	....	....	....	....	3.18
Red Star	White	.27	.18	....	....	....	.45	....	....	....	....	.08	....	....	.25	.70	....	.29	....	.15	.22	....	....	.48	.08	T.	....	....	....	....	....	....	3.15
Rogers	White	....	....	....	.15	....	....	.24	....	....	.49	....	....	....	1.03	....	....	....	.22	.03	....	.72	.14	.07	.06	....	....	....	....	....	....	....	3.15
Russellville	Arkansas	.05	T.	....	.57	....	....	....	1.19	T.	.13	....	.03	....	1.46	....	....	....	.36	....	....	.56	....	.31	....	....	....	....	....	....	....	....	4.66
St. Charles[2]	White	1.42	.41	....	....	.08	....	.86	....	....	1.11	.97	.01	....	.28	1.52	....	....	.10	....	....	....	.35	.12	.08	....	....	....	....	....	....	....	7.31
St. Francis[2]	St. Francis	.14	.40	T.	....	.69	....	.59	....	....	T.	.20	....	....	....	1.16	....	....	.20	.02	....	....	.28	T.	.10	....	....	....	....	....	....	....	3.78
Searcy[2]	White	.47	.53	....	.19	....	....	.79	....	....	.52	.27	....	....	.15	1.60	....	....	.26	....	....	.07	.65	.10	....	....	....	....	....	....	....	....	5.60
Sheridan	Ouachita	1.01	.25	....	.12	....	....	1.25	....	....	1.08	.05	....	....	1.95	.05	....	T.	.08	.05	.09	1.25	.52	.14	T.	....	....	....	....	....	....	....	7.89
Shirley[2]	White	T.	1.14	....	....	.60	....	2.39	....	....	.13	....	.16	T.	.22	1.10	....	....	.17	.23	....	.09	.24	.08	....	....	....	....	....	....	....	....	6.55
Siloam Springs	White	.01	....	....	.15	....	....	.32	....	....	.13	.02	....	....	1.31	T.	....	....	.19	.01	T.	.54	.34	.11	.02	....	....	....	....	....	....	....	3.15
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Stamps	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Steve[2]	Arkansas	....	.70	....	....	....	....	1.60	....	....	.52	....	....	....	1.10	....	....	T.	.32	.34	....	.30	T.	.42	....	....	....	....	....	....	....	....	5.30
Story[2]	Ouachita	....	.05	.27	....	....	....	1.27	....	....	.17	.10	....	....	1.33	....	....	.17	.07	....	.23	.32	.27	.27	....	....	....	....	....	....	....	....	4.52
Stuttgart[2]	Arkansas	.42	....	....	....	.15	*	.98	....	....	1.00	.38	.75	....	1.55	....	....	....	.20	....	....	.67	....	.32	....	....	....	....	....	....	....	....	6.42
Stuttgart Evap[2]	Arkansas	.35	.66	.01	.02	....	....	.91	....	....	.92	.66	....	....	.42	1.42	....	....	.12	T.	....	....	.60	.05	.14	....	....	....	....	....	....	....	6.28
Subiaco[2]	Arkansas	T.	T.	.20	....	....	....	.70	....	....	T.	T.	T.	.17	1.08	....	....	.22	.15	....	.15	.30	....	.15	....	....	....	....	....	....	....	....	3.12
Sugar Grove[2]	Arkansas	....	....	....	T.	....	....	.90	....	....	....	T.	....	....	.35	.51	....	....	.25	.14	....	.05	....	.43	.36	.02	....	....	....	....	....	....	3.01
Sugar Loaf Mt[2]	White	.40	.19	.03	....	.09	....	1.03	....	....	.19	.29	....	....	.24	1.60	....	....	.19	.25	....	.17	.32	.04	.05	....	....	....	....	....	....	....	5.08
Texarkana[3]	Red	T.	T.	....	.02	....	1.60	....	....	.50	.09	....	....	T.	1.55	....	....	.31	.01	T.	....	2.38	.27	.15	....	....	....	....	....	....	....	....	6.88
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Turnpike	Arkansas	.05	.04	....	.30	....	....	.77	....	....	.20	.04	....	....	1.28	.03	....	....	.42	.06	T.	.08	.51	.38	.14	....	....	....	....	....	....	....	4.30
Viola[2]	White	....	....	....	....	....	....	....	1.00	.30	....	....	....	....	....	....	1.15	....	....	....	....	.34	....	.54	....	....	....	....	....	....	....	....	3.33
Waldron[2]	Arkansas	....	....	....	T.	....	T.	1.07	....	....	T.	....	....	....	1.10	....	....	....	.29	T.	....	....	.30	.25	....	....	....	....	....	....	....	....	3.01
Walnut Grove	White	.50	.11	T.	.43	....	....	.51	....	....	.30	.18	T.	....	1.43	.10	....	....	.26	T.	T.	.28	.08	T.	T.	....	.05	....	....	....	....	....	4.23
Warren	Ouachita	.45	.67	T.	.61	.07	....	....	....	....	1.45	....	....	....	1.27	....	....	....	....	....	.05	.53	.05	.04	.08	....	....	....	....	....	....	....	5.27
Whitecliffs[2]	Red	T.	....	T.	T.	T.	....	1.27	....	.20	.27	....	....	....	1.43	....	....	....	.40	....	....	.30	.73	.30	.20	....	....	....	....	....	....	....	5.10
White Rock	Arkansas	.06	.05	....	.22	....	T.	.52	....	....	.15	T.	....	....	.89	.05	....	....	.51	.03	.05	T.	.88	.20	T.	....	....	....	....	....	....	....	3.61
Wilson[2]	Mississippi	....	.51	....	....	....	....	....	....	....	....	1.85	....	....	....	1.65	....	....	.43	....	....	....	....	....	.46	....	....	....	....	....	....	....	......
Wynne	St. Francis	1.47	.48	....	.20	....	....	.57	....	....	1.90	T.	....	....	1.73	.05	....	....	.37	....	....	.27	.05	.06	.13	....	....	....	....	....	....	....	7.28
Yellville[2]	White	....	.20	....	....	.21	....	....	.36	....	....	.06	....	....	....	.80	....	....	T.	.31	.20	....	.52	.06	T.	....	....	....	....	....	....	....	2.72

Daily Evaporation (inches), and Wind Movement (miles) for November, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	.074	.042	.038	....	....	....	.182	.178	.038	.032	.066	.052	.098	....	.200	.028	.000	.000	.032	.120	.000	.134	.446	.166	.108	.004	.210	.108	.072	....	2.514
	Wind move	9	70	3	11	16	25	67	66	42	63	73	28	7	17	52	13	39	59	30	8	26	31	72	25	62	28	39	23	26	22	....	1,052
Hope Exp. Farm	Evap.	.159	*	.031	.101	.049	.099	.273	.132	*	.146	.027	.085	.075	.149	.034	*	.251	.056	.021	.011	.025	.049	*	.038	*	*	.249	.072	.069	....	....	2.277
	Wind move	57	*	101	21	42	20	44	40	*	68	34	40	27	62	28	*	74	89	64	30	14	47	*	119	*	*	110	36	*	*	....	1,167
Nimrod Dam	Evap.	.210	.016	.028	.008	.076	.140	.160	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Wind move	29	102	2	12	29	29	96	110	77	40	83	32	26	19	28	43	27	16	6	4	14	22	28	54	10	115	42	29	33	17	....	1,174
Norfork Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Wind move	36	12	10	13	14	14	78	26	6	17	36	11	10	18	13	17	16	10	4	15	14	16	10	54	16	11	11	11	....	....	....	......
Stuttgart Rice Exp. Farm	Evap.	.076	.048	.021	.058	....	.078	.115	.089	.086	.070	.005	.018	.055	.036	.001	.053	.060	.064	.010	.016	.015	.002	.002	.008	.090	.059	.054	.028	.052	.069	....	1.384
	Wind move	50	45	20	15	30	25	75	85	60	65	75	30	5	50	85	15	45	70	80	5	10	35	35	60	80	25	40	10	30	50	....	1,305

Daily Temperatures for November, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	65	60	64	59	70	69	62	60	64	56	56	55	56	51	60	61	54	42	43	46	52	55	50	49	49	50	60	60	61	72	....	57.0
	Minimum	52	52	51	49	43	42	43	30	30	47	38	28	33	40	39	33	36	38	40	40	45	50	38	40	35	40	32	32	33	30	....	39.3
Arkadelphia /	Maximum	78	60	59	68	70	70	71	56	64	59	58	52	56	59	53	65	62	49	44	45	49	55	56	48	55	66	62	64	65	66	....	59.5
	Minimum	53	53	49	52	38	38	38	27	28	31	40	29	29	36	38	31	32	39	40	41	42	48	41	41	28	28	31	29	27	29	....	36.9
Ashdown /	Maximum	82	63	66	69	79	72	74	56	66	61	62	58	57	60	54	66	63	49	45	47	47	58	56	48	56	66	63	66	55	73	....	61.2
	Minimum	46	52	41	45	34	38	36	26	29	32	35	26	32	38	34	27	34	39	39	38	37	42	41	42	28	30	30	25	26	26	....	34.9
Batesville Air	Maximum	59	60	66	59	70	69	56	61	67	55	46	57	50	52	66	61	47	41	42	49	57	53	44	50	55	54	57	63	67	49	....	56.1
	Minimum	53	53	50	50	40	37	34	33	32	46	29	27	31	41	39	32	33	37	38	37	46	40	37	30	30	33	32	31	38	24	....	37.1
Batesville,Livestk /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bee Branch	Maximum	65	59	66	63	63	69	60	60	64	59	53	57	56	50	61	63	59	45	42	47	49	52	47	49	57	56	54	59	63	59	....	56.9
	Minimum	53	52	46	49	49	37	38	28	31	47	35	25	31	41	42	30	35	37	38	38	43	45	36	39	29	38	39	29	32	27	....	38.0
Benton /	Maximum	78	59	60	67	65	72	69	54	65	63	56	50	55	58	54	65	65	46	45	45	50	54	58	49	52	62	62	61	63	64	....	58.9
	Minimum	52	47	49	45	35	35	36	25	26	36	39	24	26	32	36	33	30	36	38	38	39	46	37	38	25	26	28	24	24	23	....	34.3
Bentonville /	Maximum	60	55	57	60	67	67	68	47	56	65	56	48	58	52	50	55	58	45	42	46	59	53	36	44	41	50	55	53	60	64	....	54.2
	Minimum	48	49	48	47	33	36	33	30	33	42	29	23	27	30	36	27	31	34	34	35	37	33	30	24	24	32	32	26	26	19	....	32.9
Bethesda	Maximum	70	60	60	63	62	68	69	54	66	68	55	45	55	52	53	60	64	49	42	42	48	53	53	47	47	58	50	60	60	65	....	56.6
	Minimum	54	50	51	45	36	32	35	26	27	47	35	21	25	27	39	25	26	35	36	35	39	44	35	34	24	25	30	32	33	29	....	34.4
Blytheville	Maximum	62	56	60	60	67	68	62	60	68	60	55	57	55	51	65	60	50	50	46	55	53	57	52	52	57	49	56	60	63	45	....	57.0
	Minimum	55	54	51	48	44	42	46	33	36	48	39	29	34	43	45	35	....	39	41	46	46	44	38	37	31	31	33	33	36	24	....	40.0
Booneville	Maximum	61	61	64	74	72	69	68	64	68	60	57	58	55	52	62	62	59	45	47	47	55	52	46	48	60	60	55	65	68	57	....	59.0
	Minimum	53	53	47	53	38	43	38	28	32	52	35	27	35	41	37	29	40	39	41	41	45	44	40	36	27	31	31	27	29	30	....	38.1
Brinkley	Maximum	67	59	68	65	69	70	65	63	70	58	57	57	60	55	67	62	56	47	47	57	54	59	54	56	61	58	54	62	67	59	....	60.1
	Miuimum	54	53	52	48	40	39	41	30	37	48	34	27	31	43	42	32	34	39	40	37	40	49	39	41	29	34	30	30	34	28	....	38.5
Camden	Maximum	82	60	60	69	76	73	75	55	65	63	65	63	59	62	58	66	64	60	45	47	61	56	56	51	55	65	61	63	65	66	....	62.2
	Miuimum	53	52	43	50	40	40	40	33	30	32	32	28	29	35	38	31	33	41	40	41	43	48	43	44	32	34	32	29	27	29	....	37.4
Conway	Maximum	65	61	65	68	70	69	63	63	66	58	55	57	58	52	62	61	51	46	44	50	53	55	50	51	61	60	64	62	65	53	....	58.6
	Minimum	54	53	52	49	39	40	39	26	31	48	39	25	30	41	36	30	35	38	40	41	45	48	38	40	27	37	31	27	29	30	....	37.9
Corning	Maximum	67	55	57	69	58	68	66	55	57	67	54	48	57	54	51	61	60	48	42	47	51	51	51	44	47	50	46	54	61	51	....	54.6
	Miuimum	55	53	50	50	42	35	43	31	31	49	38	27	29	33	44	36	29	30	37	37	41	37	37	37	29	32	30	31	35	23	....	37.0
Crossett	Maximum	71	61	70	78	73	76	67	68	68	62	64	57	62	64	74	74	56	49	48	52	65	65	57	61	67	63	69	65	67	55	....	64.3
	Minimum	54	55	52	45	42	39	46	28	31	50	44	28	32	46	41	36	35	42	43	42	47	54	49	47	50	31	31	29	28	33	....	40.3
Cummins Farm	Maximum	71	66	68	67	66	67	65	65	65	57	59	60	62	59	71	70	....	....	61	64	69	62	49	56	59	60	61	61	65	60	....	[b]63.0
	Minimum	54	53	53	48	45	43	40	34	33	45	40	33	35	44	44	40	36	35	34	37	40	41	42	39	32	34	32	31	33	33	....	39.4
Dardanelle	Maximum	63	64	65	73	73	68	67	63	65	58	55	57	57	54	62	64	59	48	46	49	52	55	52	49	62	59	56	64	66	63	....	59.6
	Minimum	53	53	54	52	42	40	40	28	28	30	39	27	27	33	41	31	31	37	41	41	47	50	40	40	27	27	33	27	30	30	....	37.3
De Queen	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Des Arc	Maximum	72	70	56	64	68	75	73	65	65	62	55	56	56	58	58	61	48	48	47	56	56	56	58	48	61	58	54	52	50	50	....	58.5
	Minimum	53	52	52	48	38	38	38	34	34	47	38	31	31	34	42	36	36	39	39	38	45	52	42	45	31	36	39	31	32	28	....	39.3
Devil's Knob	Maximum	53	52	57	64	65	60	55	55	57	59	50	52	52	54	58	59	51	50	53	55	56	58	46	44	50	54	49	55	57	50	....	54.3
	Minimum	45	43	45	49	41	47	32	31	35	46	28	29	32	45	41	39	36	34	36	41	40	40	32	32	30	33	39	34	39	22	....	37.2
Dumas	Maximum	70	60	65	67	69	70	65	65	65	59	60	55	61	60	69	64	55	50	48	53	63	58	53	58	63	62	64	64	67	68	....	61.7
	Minimum	54	54	54	47	42	41	42	32	35	49	41	28	33	45	43	36	36	41	42	39	46	51	44	46	31	35	34	32	32	32	....	40.6
El Dorado	Maximum	56	59	56	76	72	70	57	56	68	63	56	55	59	64	68	60	50	46	47	51	58	56	54	55	64	60	66	62	66	57	....	59.6
	Minimum	52	51	47	56	42	40	42	32	31	46	43	30	35	46	40	34	40	42	42	43	43	50	45	44	31	35	32	30	28	33	....	40.2
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	54	57	59	67	62	66	60	53	65	57	44	54	56	47	51	55	47	40	44	55	52	51	44	45	50	49	52	57	61	47	....	53.4
	Minimum	49	49	48	49	39	44	35	36	42	43	30	27	31	37	38	32	30	35	37	36	41	33	32	27	31	35	41	33	36	22	....	36.6
Fayetteville	Maximum	55	57	60	66	64	67	61	55	64	56	43	57	55	51	54	57	46	45	48	57	56	52	45	41	49	52	52	59	62	52	....	54.7
	Minimum	47	49	46	51	38	45	34	35	37	38	31	24	31	40	38	30	36	37	38	38	44	34	34	27	32	36	39	32	41	24	....	36.9
Fayetteville Exp. S	Maximum	55	56	61	68	67	66	62	55	64	60	45	58	56	51	55	54	53	43	49	59	55	54	44	43	48	53	51	59	64	56	....	55.5
	Minimum	46	45	46	48	36	41	34	32	38	43	31	25	32	39	39	30	37	37	39	38	44	33	33	27	30	35	37	30	37	24	....	36.2
Fordyce	Maximum	74	61	68	72	73	76	58	66	66	64	62	57	57	62	66	63	58	47	46	52	56	57	55	62	64	62	65	64	65	63	....	62.0
	Minimum	48	53	52	54	55	44	40	34	33	40	42	29	29	35	42	36	38	38	40	28	45	52	42	35	35	33	30	34	36	35	....	39.6
Fort Smith	Maximum	62	62	66	72	70	70	51	60	67	59	53	58	55	51	58	62	48	46	48	49	54	52	47	45	59	57	56	62	67	51	....	57.2
	Minimum	55	52	45	47	40	44	33	29	34	39	33	29	36	43	37	31	42	41	43	44	43	40	39	30	28	38	33	29	31	28	....	37.9
Gilbert /	Maximum	70	67	60	65	70	68	67	52	59	69	56	54	60	57	52	63	62	51	41	43	51	56	51	47	46	55	54	55	63	69	....	57.8
	Minimum	53	52	49	47	32	32	33	24	26	29	35	20	21	25	32	25	28	33	38	39	41	48	35	37	23	26	28	20	20	20	....	32.4
Grannis /	Maximum	59	62	63	72	69	68	50	62	60	56	56	54	48	52	60	61	46	44	49	49	53	49	46	48	60	57	60	59	61	55	....	56.3
	Miuimum	51	42	44	41	42	35	27	31	35	34	28	35	35	38	38	45	38	39	40	42	46	40	38	28	31	36	33	31	35	27	....	36.8
Gravette	Maximum	55	58	63	65	67	69	64	55	64	59	47	56	56	53	53	58	51	56	48	60	55	55	50	43	43	43	53	49	63	52	....	55.4
	Minimum	50	50	47	48	31	42	33	30	37	35	30	26	32	38	35	25	35	32	38	38	38	41	32	24	30	32	31	36	39	20	....	35.2
Green Mountain	Maximum	60	64	62	57	59	56	48	58	56	48	46	48	52	54	56	60	52	42	52	54	52	46	48	46	45	42	44	46	48	46	....	51.6
	Minimum	54	54	52	48	48	40	36	36	40	38	33	33	36	36	40	42	33	34	34	40	40	36	34	36	33	32	34	36	40	24	....	38.4
Harrison	Maximum	68	57	62	71	66	69	59	56	68	58	53	59	53	49	58	58	47	43	41	45	54	53	43	42	52	51	53	61	65	54	....	55.6
	Miuimum	46	47	37	48	40	30	34	34	25	47	28	18	23	34	36	24	28	31	33	34	39	32	30	29	24	33	25	24	36	17	....	32.2
Helena	Maximum	72	59	61	64	66	70	63	60	66	60	57	52	59	57	63	60	60	51	49	54	60	58	55	55	57	56	57	58	63	56	....	59.3
	Minimum	55	52	52	48	45	40	44	34	34	47	40	29	33	45	45	36	35	39	41	38	45	52	41	43	33	35	32	35	37	30	....	40.5
Hope /	Maximum	80	61	61	69	75	72	74	55	64	63	61	53	56	58	55	65	63	48	45	46	49	55	55	49	52	62	59	62	63	66	....	59.9
	Minimum	51	53	48	48	41	41	38	33	35	36	40	29	33	38	38	31	40	40	40	42	42	48	42	42	33	34	35	31	29	31	....	38.7
Hot Springs	Maximum	55	59	60	66	71	70	64	64	60	55	56	58	60	52	63	64	53	43	44	46	53	54	51	50	64	60	58	63	64	57	....	57.9
	Minimum	51	52	50	51	46	47	38	37	43	48	38	30	38	40	44	37	38	38	39	40	44	50	39	41	36	40	41	38	41	32	....	41.6
Jonesboro	Maximum	57	57	60	58	67	65	54	58	66	55	49	55	48	54	63	58	48	44	43	50	52	55	52	49	55	50	55	58	65	41	....	54.7
	Minimum	53	52	50	46	44	38	39	34	32	34	38	27	28	34	38	36	30	31	35	37	38	45	36	36	31	32	33	34	34	24	....	36.6
Lead Hill	Maximum	56	61	62	71	67	69	60	57	71	57	53	60	51	47	57	58	45	42	41	44	54	52	42	53	48	47	54	62	64	48	....	55.1
	Minimum	42	52	44	47	40	31	36	28	25	52	29	20	27	40	38	25	28	36	37	40	43	37	35	24	25	32	27	23	32	18	....	33.8
Little Rock	Maximum	60	60	63	65	68	68	56	62	64	57	51	52	55	54	62	59	45	44	43	50	54	57	45	50	59	58	56	64	65	46	....	56.4
	Minimum	54	54	52	51	45	42	35	31	33	49	34	30	36	43	43	39	37	40	40	41	47	42	39	36	32	39	34	34	35	31	....	39.9
Lutherville	Maximum	69	65	65	68	68	68	59	61	65	62	58	55	55	51	58	62	62	....	60	46	50	52	47	48	49	55	55	68	62	61	....	[a]58.8
	Minimum	48	50	49	49	36	41	36	26	30	46	34	26	32	39	40	29	36	35	37	38	43	45	36	36	31	31	31	27	37	25	....	36.6
Magnolia	Maximum	73	69	70	77	74	75	68	65	65	64	64	56	60	58	67	62	59	47	47	50	58	57	53	56	65	61	65	64	66	62	....	62.3
	Minimum	48	53	46	52	45	42	40	31	39	48	42	30	38	45	43	35	43	41	42	44	47	47	44	45	31	35	34	30	31	35	....	40.9
Mammoth Spring	Maximum	65	63	63	65	66	66	60	55	68	60	53	57	56	48	50	53	50	49	45	50	51	51	42	44	51	47	54	48	52	53	....	54.5
	Minimum	42	45	42	40	32	31	34	26	26	48	26	21	22	38	35	25	33	35	35	30	44	41	33	34	24	34	27	23	26	20	....	32.4
Marianna /	Maximum	58	59	64	66	68	70	56	61	66	52	49	54	59	59	66	60	49	48	48	57	59	59	54	55	59	57	55	60	64	44	....	57.8
	Minimum	56	53	53	49	42	40	44	32	35	48	41	28	32	35	45	34	34	37	40	35	41	47	40	41	31	35	32	29	34	29	....	39.1
Marked Tree /	Maximum	75	58	57	61	59	69	68	58	62	68	55	43	55	52	57	67	58	50	46	45	52	55	58	47	54	57	53	56	62	67	....	57.5
	Minimum	54	52	52	45	40	38	38	31	33	38	39	25	26	33	43	31	30	30	38	34	37	44	37	37	28	30	29	30	31	25	....	35.9
Marshall /	Maximum	60	57	64	61	65	61	60	55	65	58	52	59	56	50	59	55	50	44	41	45	52	50	52	47	50	53	48	60	69	59	....	55.2
	Minimum	51	51	48	42	37	37	38	36	35	48	33	22	27	40	39	28	31	36	37	39	44	39	34	38	31	28	32	31	44	21	....	36.6
Mena	Maximum	73	57	61	62	72	71	71	50	63	65	55	51	57	54	50	56	63	41	41	45	54	52	46	41	48	62	59	59	62	64	....	56.8
	Minimum	50	52	44	44	41	43	35	31	34	40	34	28	30	39	38	32	36	38	38	40	42	45	39	36	31	34	34	32	33	34	....	37.6
Monticello	Maximum	56	60	65	70	71	72	62	64	64	62	62	56	63	64	68	62	53	47	46	50	64	57	52	58	64	60	64	62	66	51	....	60.5
	Minimum	52	51	51	49	42	46	33	31	38	49	34	31	37	46	43	39	39	41	42	41	47	50	45	37	31	37	34	30	33	33	....	40.4
Morrilton /	Maximum	76	59	61	64	70	70	62	51	61	65	55	55	55	57	52	59	61	47	44	44	49	53	54	47	47	59	56	54	60	63	....	57.0
	Minimum	53	53	50	50	42	38	40	27	29	32	38	26	26	35	39	34	34	35	37	39	40	46	38	37	29	30	32	31	33	29	....	36.7
Mountain Home	Maximum	62	60	63	63	66	67	58	57	71	57	53	57	50	47	59	58	57	43	41	48	51	50	40	44	54	48	54	62	62	56	....	55.3
	Minimum	52	52	52	49	38	34	38	28	28	49	29	21	27	37	40	27	29	35	36	40	44	37	34	31	25	35	28	25	33	19	....	35.1
Mt. Ida	Maximum	70	66	65	71	68	73	60	58	64	60	56	54	46	50	52	50	46	42	44	42	50	50	45	56	62	62	56	65	68	62	....	57.1
	Minimum	44	42	40	41	32	38	35	36	40	37	23	22	30	36	34	26	30	32	37	40	40	41	40	34	24	29	26	25	23	27	....	33.6
Nashville	Maximum	69	67	69	76	72	73	69	64	62	58	58	60	59	54	65	58	52	45	47	47	54	56	49	53	65	60	62	61	65	60	....	60.3
	Minimum	58	54	45	42	39	43	38	28	32	39	39	30	38	38	37	32	41	41	42	44	46	48	43	37	29	34	36	28	28	34	....	38.8
Newport	Maximum	58	60	65	60	71	70	57	62	68	55	50	58	55	52	66	63	51	44	44	54	52	55	51	52	58	56	58	65	64	44	....	57.3
	Minimum	57	55	54	51	39	37	38	31	34	36	40	26	28	34	38	33	33	35	39	38	40	42	38	38	30	31	31	30	34	28	....	37.3
Nimrod Dam /	Maximum	74	56	58	64	73	68	66	63	62	71	64	52	68	68	68	68	63	47	42	43	48	51	51	44	46	58	57	65	61	68	....	59.6
	Minimum	52	53	51	49	40	38	40	28	28	40	38	26	27	32	33	33	34	37	38	40	40	42	39	39	27	29	32	29	29	29	....	36.4
Oden	Maximum	65	76	74	74	54	61	63	45	53	56	58	51	62	58	46	41	45	47	54	54	47	49	60	59	65	63	64	54	56	63	....	57.2
	Minimum	49	55	43	41	30	33	32	37	30	24	33	41	39	30	39	39	41	42	45	41	40	30	29	32	33	26	29	27	31	41	....	36.1

Daily Temperatures for November, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	79	64	71	79	75	75	70	64	63	63	63	58	60	55	68	68	59	55	49	48	56	56	54	56	67	64	67	66	68	70	....	63.7
	Minimum	50	54	43	54	37	35	33	28	30	48	39	28	36	43	37	30	40	42	42	43	46	50	43	41	30	33	31	28	27	30	....	38.4
Ozark	Maximum	69	60	62	64	70	70	65	50	60	65	54	49	57	55	50	58	48	47	47	46	49	53	51	45	46	57	53	56	61	63	....	56.0
	Minimum	53	54	50	53	38	38	40	29	29	32	38	30	29	36	40	32	32	40	40	42	42	47	40	40	29	29	33	28	28	30	....	37.4
Paragould	Maximum	68	57	60	59	67	68	61	58	69	56	55	55	51	51	62	59	51	43	46	51	50	56	52	48	54	48	51	59	61	50	....	55.9
	Minimum	53	53	49	47	40	34	41	31	24	44	37	24	30	40	44	31	30	35	37	36	44	35	36	41	29	32	28	31	36	23	....	36.5
Perryville	Maximum	63	61	67	71	72	70	62	63	62	58	57	56	55	52	63	60	46	45	44	49	57	55	54	58	61	60	55	63	65	68	....	59.1
	Minimum	53	52	47	45	35	40	39	34	25	49	31	23	29	41	35	29	30	30	40	38	45	41	39	26	25	31	29	26	28	30	....	35.5
Pine Bluff	Maximum	78	56	61	65	67	71	71	55	64	65	60	50	55	60	61	67	60	48	46	45	53	54	57	50	55	63	61	62	63	65	....	59.6
	Minimum	53	53	54	50	43	43	42	35	36	40	44	33	33	38	44	36	39	39	42	41	42	49	42	42	33	33	36	36	36	34	....	40.7
Pocahontas	Maximum	65	61	62	56	68	66	59	58	70	57	54	56	52	49	62	60	51	46	46	50	50	56	48	48	55	48	56	60	63	52	....	56.1
	Minimum	52	52	50	43	37	39	40	28	29	47	36	24	31	39	43	29	29	36	36	37	43	45	35	37	25	33	29	29	31	22	....	36.2
Portland	Maximum	70	59	64	75	68	72	65	64	65	60	52	52	60	62	68	61	53	48	47	52	61	55	55	60	64	60	65	62	65	58	....	60.7
	Minimum	55	55	52	50	48	42	48	34	38	50	40	30	37	50	45	40	39	43	44	44	47	54	47	49	33	38	36	35	33	35	....	43.0
Prescott	Maximum	70	59	68	73	72	72	68	64	59	60	57	52	58	55	65	62	57	45	46	49	55	55	53	52	62	60	62	63	65	60	....	59.9
	Minimum	51	54	55	51	43	44	40	33	35	50	41	30	36	42	39	34	41	40	40	42	43	50	42	42	34	45	34	34	33	33	....	41.0
Rogers	Maximum	55	57	60	68	66	69	60	56	64	56	44	57	58	50	53	58	48	41	46	61	53	43	45	43	52	52	54	61	65	53	....	54.9
	Minimum	47	47	49	48	34	39	32	28	34	44	30	23	31	38	34	30	35	35	38	36	43	33	32	24	28	31	38	27	38	20	....	34.9
Russellville	Maximum	61	65	64	71	71	69	62	62	65	57	54	57	58	53	60	63	53	48	46	48	52	55	48	48	61	58	56	63	66	55	....	58.4
	Minimum	53	52	54	52	40	39	40	26	29	50	39	26	32	43	40	30	38	40	41	41	48	46	40	42	27	35	32	26	29	29	....	38.6
St. Charles/	Maximum	79	57	62	60	65	69	70	56	63	67	59	44	55	61	60	66	60	50	51	49	55	61	58	51	55	59	59	63	63	65	....	59.7
	Minimum	56	54	54	48	43	40	43	34	34	45	34	29	33	39	44	33	35	39	41	35	41	49	41	42	30	35	31	31	33	31	....	39.2
Searcy	Maximum	57	59	67	68	73	70	55	63	65	57	51	58	56	51	59	65	48	44	43	48	53	56	44	56	60	58	52	62	67	46	....	57.0
	Minimum	54	53	54	48	40	39	38	30	32	49	40	29	33	43	42	34	37	39	39	35	46	44	38	41	30	39	32	31	32	29	....	39.0
Sheridan	Maximum	68	61	65	68	69	70	63	65	69	62	58	60	59	54	65	60	55	47	49	50	54	57	50	54	52	58	59	62	64	55	....	59.4
	Minimum	50	51	49	50	42	42	39	31	35	55	40	30	31	40	40	32	35	37	38	39	44	48	38	38	30	32	31	30	31	32	....	38.7
Siloam Springs	Maximum	56	60	62	67	68	68	68	57	66	58	49	60	57	52	55	59	47	47	48	56	54	52	43	43	48	55	53	60	64	54	....	56.2
	Minimum	49	50	45	49	42	39	34	33	37	39	32	25	32	40	37	27	37	37	39	41	43	33	34	26	29	32	36	27	36	22	....	36.1
Stuttgart	Maximum	68	66	65	64	66	69	63	62	66	58	58	52	58	56	63	58	54	47	46	53	53	57	56	50	48	59	58	60	65	57	....	58.5
	Minimum	....	54	54	51	45	44	41	34	37	50	41	31	36	44	44	38	38	40	37	43	48	51	39	41	32	39	35	32	35	34	....	^{a}41.0
Stuttgart Evap/	Maximum	77	57	59	65	63	67	69	54	62	65	58	45	55	60	57	64	60	48	48	47	55	55	58	50	53	59	68	59	61	63	....	58.7
	Minimum	55	54	54	50	41	45	42	28	30	42	42	30	32	35	42	37	38	38	41	35	41	48	41	41	31	33	32	30	31	32	....	39.0
Subiaco	Maximum	59	60	64	70	65	67	67	57	68	59	54	55	55	50	55	54	51	46	45	46	52	51	48	44	57	53	53	60	60	58	....	56.1
	Minimum	52	52	51	52	45	43	39	29	32	50	36	28	35	41	42	33	38	38	40	41	45	45	39	36	32	39	35	34	34	30	....	39.5
Texarkana	Maximum	62	63	69	79	73	74	57	64	60	65	56	58	69	55	64	64	50	45	48	50	57	55	50	54	64	61	62	63	64	56	....	60.1
	Minimum	52	51	48	52	44	51	37	36	42	50	38	32	37	45	42	37	41	41	43	45	48	49	44	37	34	38	37	35	34	38	....	41.9
Turnpike	Maximum	54	53	56	60	64	68	58	48	58	50	50	53	51	47	57	57	47	40	39	44	47	48	42	41	51	50	49	54	60	48	....	51.5
	Minimum	46	42	42	45	43	45	33	33	42	45	29	29	32	39	38	35	31	....	34	36	40	36	32	33	33	30	39	36	35	22	....	^{a}36.4
Waldron	Maximum	60	60	65	74	70	74	61	62	64	59	57	58	57	52	60	62	60	45	46	50	55	54	47	49	58	58	55	62	68	55	....	58.6
	Minimum	51	52	45	52	33	38	37	25	28	50	34	23	32	40	33	26	36	38	40	42	42	41	38	38	26	29	28	23	25	27	....	35.7
Warren	Maximum	67	63	67	72	70	73	69	52	62	64	57	51	54	64	63	62	56	47	59	63	56	53	55	53	63	63	64	54	54	52	....	60.1
	Minimum	53	51	52	51	43	43	43	41	31	35	49	30	33	46	43	37	43	41	45	....	....	43	45	43	33	38	35	33	33	35	....	^{b}41.0
White Rock	Maximum	52	55	57	63	64	62	55	54	60	50	50	53	52	55	55	59	51	44	50	43	50	48	48	41	51	44	49	56	61	49	....	52.7
	Minimum	45	41	47	49	44	49	32	31	39	45	27	30	36	39	34	36	38	34	35	36	39	35	33	27	29	33	38	32	39	27	....	36.3
Wilson	Maximum	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne/	Maximum	64	58	63	62	69	68	62	61	65	64	55	50	53	54	60	59	49	46	46	54	53	58	53	53	52	56	53	61	65	51	....	57.2
	Minimum	55	53	53	49	42	41	44	32	36	48	38	29	34	45	47	33	34	39	39	34	47	51	39	40	31	35	32	31	31	28	....	39.7

Daily River Stages for November, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	3.2	3.2	3.4	3.1	2.8	2.3	2.4	3.0	2.8	2.6	2.5	2.2	2.0	1.8	2.4	4.1	4.9	4.4	3.6	3.2	3.0	3.2	4.0	4.4	4.7	3.6	3.2	3.1	3.0	2.8	...
Van Buren	do	22	3.3	3.3	3.4	3.2	2.8	2.4	2.5	3.0	2.8	2.6	2.5	2.3	2.0	1.9	2.5	4.0	5.2	4.6	3.8	3.5	3.2	3.6	4.0	4.6	4.8	3.7	3.2	3.2	3.1	2.9	...
Danville	Petit Jean	20	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.5	2.5	2.4	2.4	2.4	2.4	2.5	2.8	2.7	2.6	2.7	2.5	2.7	2.7	2.8	2.9	3.0	3.0	3.0	2.9	2.9	2.8	...
Ozark	Arkansas	22	0.5	0.5	0.4	0.4	0.4	0.2	0.2	0.0	0.1	0.2	0.2	0.0	0.0	-0.1	-0.2	-0.1	0.8	1.0	1.0	0.9	0.9	0.7	0.9	1.0	1.4	1.6	1.5	0.8	0.6	0.6	...
Dardanelle	do	22	1.7	1.6	1.6	1.5	1.7	1.5	1.3	1.1	1.2	1.3	1.2	1.2	1.1	1.0	1.0	1.1	1.3	2.1	2.9	2.6	2.2	1.8	2.0	2.1	2.4	2.9	2.7	2.3	1.8	1.7	....
Morrilton	do	20	-3.8	-4.0	-4.0	-4.0	-4.1	-4.2	-4.1	-4.2	-4.7	-4.7	-4.4	-4.5	-4.6	-4.7	-4.7	-4.6	-4.5	-4.1	-2.9	-2.5	-3.1	-3.6	-3.8	-3.5	-3.4	-2.9	-2.6	-3.0	-3.6	-6.9	....
Little Rock	do	23	1.3	1.2	1.0	1.0	1.0	1.0	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.3	1.7	2.0	1.8	1.5	1.4	1.5	1.5	1.7	1.9	1.7	1.4	....
Pine Bluff	do	25	1.5	1.7	1.7	1.4	1.2	1.2	1.3	1.4	1.2	1.3	1.2	1.1	1.1	1.1	1.2	1.4	1.4	1.7	1.7	1.7	1.7	2.9	2.3	2.2	2.0	2.1	2.1	2.4	2.6	2.5	....
Gilbert	Buffalo	30	3.4	3.4	3.5	3.5	3.5	3.4	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.7	3.8	3.8	3.8	3.7	3.6	3.7	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	....
Black Rock	Black	14	2.1	2.3	2.4	2.3	2.9	2.7	2.6	2.7	2.6	2.6	2.9	2.6	2.6	2.7	3.9	4.0	3.8	3.7	3.6	3.4	3.3	3.3	3.1	3.0	2.9	3.0	3.0	2.9	2.8	2.8	....
Forsyth, Mo.	White	30	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	....
Cotter	do	21	1.1	1.1	1.4	1.4	1.4	1.2	1.8	1.7	1.5	1.5	1.2	1.2	1.7	1.7	2.0	1.8	1.9	1.6	1.4	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.7	1.9	1.9	1.8	....
Calice Rock	do	18	1.4	0.9	0.1	1.2	1.2	1.2	1.4	1.4	1.4	1.1	1.1	1.0	1.0	1.3	1.4	1.8	0.8	1.3	1.6	1.4	1.6	1.7	1.3	0.7	1.4	1.6	1.5	1.2	1.4	1.3	....
Lock 3	do	..	6.3	6.4	6.4	5.8	6.6	6.4	6.6	6.6	6.6	6.6	6.6	6.4	6.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Batesville	do	23	6.0	6.0	5.8	4.6	5.9	6.0	6.1	6.2	6.1	6.0	5.4	6.0	5.7	5.8	6.8	6.4	6.3	5.3	6.2	6.2	6.2	6.3	6.2	6.1	5.2	6.1	6.1	6.2	5.6	6.2	....
Newport	do	26	1.0	1.3	1.4	1.3	0.9	1.5	1.7	1.8	1.9	1.9	1.7	1.6	1.7	1.5	2.2	3.5	3.2	2.8	2.5	2.6	2.5	2.5	2.5	2.4	1.8	1.8	2.1	2.2	2.0	1.9	....
Augusta	do	32	11.7	12.0	12.2	12.2	12.2	12.0	12.5	12.7	13.0	13.1	13.1	12.9	12.9	13.1	13.1	14.2	15.2	15.2	14.8	14.6	14.6	14.5	14.4	14.5	14.3	14.0	13.8	13.8	13.9	13.6	....
Sugar Loaf Mt.	Little Red	..	3.2	2.7	2.8	2.7	2.7	2.6	2.9	3.1	3.2	3.7	3.7	3.6	3.5	3.5	4.8	5.5	5.5	5.0	4.7	4.6	4.5	4.5	4.6	4.6	4.6	4.5	4.5	4.4	4.3	4.2	....
Georgetown	White	21	1.8	2.1	2.3	2.4	2.4	2.1	2.1	2.8	3.1	3.2	3.2	3.3	3.2	3.1	3.8	5.5	6.0	6.0	5.8	5.4	5.0	5.0	5.0	4.9	4.8	4.6	4.3	4.1	4.0	3.8	....
Des Arc	do	24	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.4	4.9	5.1	5.3	5.5	5.5	5.4	6.0	7.5	8.1	8.4	8.5	8.0	7.8	7.7	7.7	7.6	7.5	7.3	6.9	6.7	6.5	6.3	....
Clarendon	do	26	9.7	9.3	9.1	9.2	9.3	9.4	9.4	9.5	9.9	10.4	10.8	11.0	11.2	11.3	11.9	12.6	13.2	14.0	14.3	14.4	14.2	14.1	14.1	14.2	14.1	14.0	13.8	13.4	13.3	13.1	....
St. Charles	do	25	9.2	9.0	8.9	8.9	9.1	9.1	9.3	9.2	9.2	9.9	10.3	10.5	10.8	10.9	11.5	12.0	12.8	13.3	13.7	13.9	14.0	13.7	13.6	13.5	13.5	13.5	13.4	13.2	13.1	12.9	....
Glenwood	Caddo	..	5.1	5.0	5.0	5.0	5.0	5.0	6.4	6.3	6.2	6.2	5.1	5.0	5.0	6.9	6.9	5.9	5.9	5.9	5.6	5.4	5.4	6.0	6.0	6.0	5.7	5.7	5.7	5.6	5.6	5.4	....
Arkadelphia	Ouachita	17	3.8	4.0	3.8	3.6	4.3	3.9	3.9	5.1	4.7	4.6	6.5	4.8	4.1	4.2	9.1	7.9	6.0	7.5	7.4	7.3	6.3	7.6	7.6	7.7	6.8	6.5	7.0	6.8	6.9	6.6	....
Boughton	Little Mo.	20	10.8	12.7	10.2	9.4	7.0	6.7	7.4	10.6	9.3	8.4	8.6	8.2	8.6	7.9	13.7	15.7	15.2	15.9	12.4	9.2	8.7	10.4	13.1	14.1	13.8	11.1	10.9	9.9	8.8	7.6	....
Camden	Ouachita	26	7.4	8.3	8.8	9.0	8.4	7.4	7.0	7.3	8.8	1.0	9.7	9.8	1.0	9.0	8.9	12.9	17.2	16.7	16.9	15.7	15.7	15.7	15.9	16.2	17.2	17.0	16.1	14.8	14.4	13.9	....
Benton	Saline	20	5.0	4.8	4.9	4.9	4.7	4.5	5.1	7.5	6.1	6.0	6.0	6.0	6.1	6.1	12.2	11.5	8.8	6.8	6.5	6.2	6.1	7.7	7.8	7.6	7.1	6.8	6.4	6.2	6.0	5.8	....
Index	Red	25	6.6	6.2	6.2	7.3	7.3	7.0	6.8	6.3	6.2	6.2	6.1	6.0	6.0	6.0	6.0	6.4	6.4	6.6	6.2	7.4	7.4	6.6	6.4	6.4	6.3	6.3	6.2	6.2	6.0	5.9	....
Fulton	do	25	8.2	9.5	10.6	10.6	9.9	9.1	8.6	8.1	8.3	9.2	9.1	8.9	9.0	8.8	9.0	10.4	11.4	11.8	11.6	10.9	10.2	9.7	9.9	10.5	10.9	10.9	10.6	10.0	9.2	8.6	....
St. Francis	do	18	3.6	6.2	6.2	4.9	4.6	3.5	3.6	3.7	3.6	3.5	4.1	3.9	3.5	3.3	7.9	9.5	10.0	9.7	9.4	8.9	9.0	9.1	9.2	9.3	9.3	9.3	9.4	9.4	9.4	9.3	....
St. Francis L.L.	do	..	18.0	17.5	17.3	17.0	17.0	18.3	19.4	19.8	20.0	20.1	20.3	19.9	19.7	19.7	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.1	20.1	20.1	20.0	20.0	19.9	19.8	19.8	19.8	....
Marked Tree	do	17	4.4	5.0	5.1	5.0	5.1	3.0	1.3	1.0	1.0	1.0	1.3	4.0	4.3	4.3	5.5	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.7	4.7	4.7	4.7	....
Parkin	do	28	3.3	3.9	4.8	4.8	4.9	4.8	4.1	2.9	2.1	1.9	2.5	2.8	3.7	4.4	5.4	7.9	7.7	7.1	6.6	6.1	5.8	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.2	5.1	....
Madison	do	32	1.7	2.0	2.3	2.3	2.3	2.6	2.4	2.0	0.6	0.6	1.0	1.3	1.3	1.3	4.9	5.9	6.2	6.2	5.7	5.3	4.7	4.7	4.3	4.6	5.0	4.8	4.4	4.1	4.1	4.1	....
Helena	Mississippi	44	6.2	6.2	6.2	6.4	6.6	7.1	7.7	7.7	7.6	7.8	8.2	8.6	8.5	8.4	8.4	8.7	8.4	8.3	8.7	9.2	9.6	9.7	9.4	9.2	8.8	8.6	8.6	8.6	8.4	8.2	....
Arkansas City	do	42	3.5	4.3	4.6	4.6	4.7	4.9	5.4	5.9	6.0	6.1	6.4	6.7	7.0	7.0	7.0	7.2	7.4	7.3	7.3	7.5	8.0	8.2	8.4	8.3	8.2	7.9	7.7	7.7	7.6	7.5	....

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ^{a}, ^{b}, ^{c}, etc., number days missing, example, ^{b}indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. ^{1} Midnight to midnight. ^{2}Measured in the morning for the preceding 24 hours. ^{3}Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Paron: Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio: Cummins Farm, Gould: Devil's Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock: Index, Route 5, Texarkana: Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill: Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner: Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord: White Rock, Route 2, Winslow.

W.B.R.P.O., Fort Worth, Texas. 1-12-1948-1225

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CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LII LITTLE ROCK, ARK., DECEMBER, 1947 No. 12

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

Relatively high pressure prevailed over the State during most of the month, with centers of HIGHS over the Eastern States the greater portion of the time. The location of these HIGHS permitted a southerly flow of air, giving the State a slightly warmer December than usual.

Two LOWS, one in Oklahoma and one in Colorado, developed and moved northeastward during the period 3d through 10th. The Cold Fronts associated with these LOWS, moved across Arkansas giving showers to every station in the State for an average of five days out of the eight.

New cold air moved in over the State starting the 14th, giving the State two days of showers and the coldest period of the month.

The period from the 17th to the 30th was almost free of rain, and was the warmest part of the month. Many local records for high temperatures for the 29th, 30th, and 31st were broken. This period of temperatures, way above normal was just setting the stage for a series of tornadoes that struck the State New Year's Eve (See Tornadoes).

Although the precipitation for the month was practically normal, the agricultural outlook in the extreme northwest portion of the State was dim, due to lack of subsoil moisture. Several stations in that section reported deficiencies of 50% to 60%. Most stations in the mountains south of the Arkansas River reported excesses, some up to 100%.

There were no floods during the month, but the heavy rains, that accompanied the weather causing the tornadoes, started rises that ended in floods in the Ouachita Basin in 1948.

TEMPERATURE

The mean temperature for December was 44.2°, 1.4° above the 57-year average. The highest temperature reported was 78° at Okay on the 28th. Practically every station in the State reported temperatures in the 70s during the last 5 days of the month. The lowest was 10° at Gilbert on the 25th. Lead Hill reported 11° on the same day. Most stations reported their lowest temperatures on the 14th.

PRECIPITATION

The average precipitation for December was 4.22 inches, just 0.01 inch below the 57-year average. Again the mean did not give the picture of the rainfall over the State. Precipitation over the Alluvial Section was deficient, while most of the Mountainous Section was considerably above normal. Only Benton and Carroll Counties were extremely low, and subsoil moisture in those counties was described as too small to maintain crops in the coming season, unless abnormal amounts fell before Spring.

The greatest monthly amount was 8.52 inches at Mt. Ida, and the lowest 0.94 inch at Bentonville. The greatest 24-hour fall was 3.59 inches at Batesville on the 31st. Green Mountain reported the greatest amount of snow for December with 4:5 inches.

TORNADO

A series of tornadoes moved across the State during the late aternoon and evening of December 31. The first tornado began at Gillam (Sevier County) about 4:00 pm, and apparently moved NE, making its last contact at Oxford (Izard County).

The second tornado had its origin near Shreveport, Louisiana,

Summary Continued on Page 70

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	..	..	1	1	..	1	7	1	..	..	..	..	..	1	7	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	75
High Winds	1	1	..	6	..	2	3	2	1	1	..	..	..	1	3	..	..	..	..	..	..	4	2	..	..	..	..	..	2	3	38
Heavy Fog	..	1	6	7	2	5	8	..	6	9	1	5	4	3	7	..	..	..	1	2	16	26	10	11	6	1	..	..	1	1	17
Sleet	..	..	..	..	..	..	..	..	1	..	..	..	..	2	17	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	6
Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.49	25	29.42	31	7.3	31	w.	31	86	60	65	66	661
Little Rock	30.41	1	29.40	31	7.4	26	ne.	15	85	61	66	57	603
Memphis	30.39	25	29.36	31	7.7	30	sw.	31	84	53	69	56	637
Texarkana	30.05	25	29.05	31	....	35	w.	31	84	56	66	..	521

COMPARATIVE DATA FOR DECEMBER

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.9	72	13	4.69	...	7	14	7	10
1892	40.9	83	−10	8.79	0.7	10	7	6	18
1893	45.4	79	3	1.83	T.	5	14	8	9
1894	44.6	82	−11	3.48	1.3	6	14	6	11
1895	43.8	78	5	3.96	1.4	7	13	6	12
1896	45.8	81	8	0.84	T.	8	8	7	16
1897	40.3	81	10	6.00	2.2	8	10	5	16
1898	39.5	76	− 4	1.87	2.9	5	16	6	9
1899	41.0	74	8	4.08	1.3	7	15	7	9
1900	44.9	82	10	2.76	T.	5	16	6	9
1901	38.5	87	−6	4.42	1 3	6	12	6	13
1902	40.8	75	5	5.71	3.3	8	10	6	15
1903	39.7	74	6	3.44	0.7	6	18	5	8
1904	42.9	80	3	5.10	0.6	7	12	7	12
1905	38.5	69	7	4.96	1.4	9	14	5	12
1906	46.5	83	10	5.64	0.2	8	8	7	16
1907	44.4	85	11	2.70	0.7	7	12	6	13
1908	46.0	82	11	1.50	0.2	5	13	7	11
1909	35.3	82	1	5.26	3.2	9	14	6	11
1910	40.8	75	9	3.57	0.8	6	13	6	12
1911	43.0	78	3	7.00	1.0	12	10	7	14
1912	41.7	76	8	2.63	1.2	7	14	7	10
1913	43.6	77	14	3.26	2.3	9	7	7	17
1914	36.1	70	−11	6.26	4.3	12	8	4	19
1915	43.9	78	11	4.73	0.3	7	12	4	15
1916	42.1	82	−16	3.35	4.5	6	14	6	11
1917	34.8	81	−21	1.29	6.2	3	13	6	12
1918	47.6	88	9	5.62	0.2	7	14	5	12
1919	40.4	78	1	1.94	T.	5	13	4	14
1920	43 2	74	6	5.95	0.4	8	13	5	13
1921	47.1	82	11	2.78	T.	6	13	6	12
1922	47.8	86	12	4.59	T.	9	12	5	14
1923	49.1	80	9	6.24	T.	13	9	5	17
1924	41 4	86	− 8	3.65	0.3	6	14	5	12
1925	40.2	81	− 6	1.71	0.3	3	15	5	11
1926	43.3	79	− 3	7.15	2.1	10	11	4	16
1927	40.9	84	− 2	4.18	0.1	6	14	5	12
1928	43.4	87	10	4.41	T.	6	18	5	8
1929	44.4	82	− 5	3.84	2.7	8	13	5	13
1930	40.6	83	9	2.58	0.9	6	15	5	11
1931	48.7	78	17	7.79	T.	14	9	5	17
1932	39.9	79	− 5	7.86	3.6	12	11	4	16
1933	49.3	83	11	5.41	0.1	7	12	5	14
1934	41 5	74	4	3.78	0.2	9	12	6	13
1935	37.6	73	− 4	2.95	2.8	5	15	5	11
1936	45.5	78	13	5.32	T	9	11	6	14
1937	42.2	78	0	4.61	0.1	11	8	4	19
1938	44.6	74	6	2.93	T.	7	13	7	11
1939	45.5	84	5	2.46	1.4	5	16	5	10
1940	46.7	77	14	3.90	T	9	13	5	13
1941	44.7	80	14	3.67	0.3	7	11	8	12
1942	42.7	80	16	4.87	0.6	10	8	5	18
1943	40.7	82	− 5	3.43	0.7	7	9	6	16
1944	38.0	76	4	7.86	0.4	11	12	3	16
1945	37.7	79	−12	2.25	2.1	7	10	6	15
1946	48.3	81	4	4.18	0.6	6	13	7	11
1947	44.2	78	10	4.22	0.2	6	..	..	..
1948									
Period	42.8	88	−21	4.23	1.1	8	..	..	..

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Climatological Data for December, 1947

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork ***	Saline	755	10	44.2	+ 0.4	70	27†	21	17	6.35	+2.53	2.70	7	2.0	6					L. R. Water Works
Arkadelphia	Clark	200	51	44.8	+ 0.3	74	31	23	14†	4.03	−1.01	0.92	16	0	8					W. H. Halliburton
Ashdown	Little River	329	3	44.4	......	75	31	20	14†	5.37	......	1.56	15	0	7					Southwestern G. & E.
Batesville Airway	Independence	363	11	42.6	+ 1.9	70	30	18	17	7.38	......	3.59	31	T.	9					Airway Observer
Batesville Livestk.	Independence	500	6	....	......	......	......	......	......	....	......	....	......	......	....					University of Arkansas
Bee Branch	Van Buren	650	54	....	......	......	......	......	......	....	......	....	......	......	....					Minnie Scanlan
Benton	Saline	285	11	40.8	− 1.2	72	30†	16	25	2.77	......	0.88	16	0	7					Mrs. Etta C. Burks
Bentonville	Benton	1295	41	39.4	+ 0.6	68	29†	15	12†	0.94	−1.52	0.32	15	0.5	5					E. L. Brown
Bethesda ***	Independence	590	7	....	......	......	......	......	......	....	......	....	......	......	....					Soil Cons. Service
Black Rock	Lawrence	259	45	....	......	......	......	......	......	4.99	+1.13	1.84	31	T.	5					J. H. Ragan
Blytheville	Mississippi	252	21	43.8	+ 1.9	71	29	21	25	2.70	−1.61	1.35	7	0	4					R. E. Blaylock
Booneville 3 miles w	Logan	465	32	46.0	+ 2.1	72	4†	20	14	6.12	+2.90	2.95	31	0	6					F. H. Randolph
Brinkley	Monroe	205	55	45.4	+ 1.6	72	30	20	1†	2.07	−3.04	0.85	15	0	7					Robert L. Glover
Camden	Ouachita	116	61	46.4	+ 1.1	75	29	23	14	2.61	−2.39	1.27	8	0	6					J. M. Knight
Camp Chaffee	Sebastian	419	3	[a]42.4	......	74	5†	18	14	2.93	......	1.50	7	T.	6					U. S. Army
Clarendon	Monroe	172	42	....	......	......	......	......	......	1.37	−3.76	0.54	15	0	5					B. F. Northern
Conway	Faulkner	309	63	45.3	+ 2.3	73	4†	20	17	7.52	+3.21	3.11	7	3.5	7					G. Y. Short
Corning ‡	Clay	293	53	[a]39.6	− 0.3	[a]69	29†	18	1	3.33	−0.36	1.72	7	1.5	5					Mrs. Laura Polk
Cotter	Baxter	440	19	....	......	......	......	......	......	2.59	−0.77	1.43	7	0.5	5					O. B. McSpadden
Crossett 7 miles s	Ashley	175	34	48.2	+ 1.6	74	3	22	26	4.17	−1.32	1.73	7	0	4					U. S. Forest Service
Cummins Farm ***	Lincoln	176	3	45.3	......	71	3	24	25	2.20	......	1.10	15	0	3					T. C. Cogbill
Danville	Yell	327	30	....	......	......	......	......	......	4.80	+1.05	1.80	7	T.	8					J. A. Moudy
Dardanelle	Yell	330	60	43.8	+ 1.0	73	4†	21	14†	5.00	+1.46	2.04	7	T.	8					Geo. N. Goodier
DeQueen	Sevier	426	11	46.1	+ 0.9	70	29†	23	12†	4.39	+0.50	1.17	4	0	6					L. D. McCown
Des Arc	Prairie	204	8	46.4	......	74	30	23	25	1.52	......	0.34	16	0	6					Z. R. Glenn
Devil's Knob ***	Johnson	2350	10	43.0	......	69	27	16	16	5.56	......	2.96	31	2.0	6					U. S. Forest Service
Dumas	Desha	162	41	47.0	+ 0.7	74	3	23	25	4.29	−1.75	1.35	31	0	7					Ben Johnson
El Dorado	Union	270	46	48.1	+ 1.1	72	28†	24	14	4.09	−2.37	1.63	8	0	7					Airway Observer
England	Lonoke	229	40	....	......	......	......	......	......	....	......	....	......	......	....					Joseph M. Dolan
Eureka Springs	Carroll	1465	46	42.8	+ 2.7	68	7†	15	16	3.32	+0.34	2.00	31	T.	5					Geo. W. Nichoalds
Fayetteville	Washington	1334	9	42.0	......	68	7	17	25	3.46	......	1.75	31	0.5	7					Charles F. Ford
Fayetteville Exp.	Washington	1451	59	42.7	+ 2.6	69	7	17	25	3.07	+0.29	1.27	31	T.	7					University of Arkansas
Fordyce	Dallas	280	6	48.4	+ 2.5	71	4†	24	14	3.04	−1.94	1.15	7	0	7					Ark. Forestry Com.
Fort Smith	Crawford	448	65	43.6	+ 1.8	74	29	22	25	5.11	+2.35	2.43	31	0	8					U. S. Weather Bureau
Fulton	Hempstead	260	61	....	......	......	......	......	......	5.85	+1.75	1.45	4	0	7					Ina J. Logan
Georgetown, 2 mi, se	White	200	34	....	......	......	......	......	......	2.21	−1.32	0.64	8	T.	8					J. S. McDonald
Gilbert	Searcy	600	21	38.8	......	73	28	10	25	2.24	−1.08	0.90	7	T.	6					D. O. Dennis
Grannis	Polk	950	27	44.3	− 0.2	69	27†	21	31	6.26	+1.28	2.85	6	0	7					W. E. McVay
Gravette	Benton	1250	49	41.1	+ 2.6	69	28†	14	16†	2.47	+0.09	2.15	31	T.	4					J. A. Schmidt
Green Mountain ***	Stone	1100	9	38.7	......	58	9	18	16	5.15	......	2.72	31	4.5	4					U. S. Forest Service
Harrison	Boone	1052	46	41.2	+ 2.6	72	6	13	14	4.31	+1.82	2.35	31	T.	5					R. C. Beene
Helena	Phillips	300	74	45.2	+ 1.0	67	3†	22	14	2.53	−2.55	1.18	15	0	5					James A. Burnett
Hope 3 miles e	Hempstead	375	76	45.8	− 1.0	73	29	23	14	5.28	+0.64	1.33	8	0	8					Univ. of Arkansas
Hot Springs	Garland	600	54	47.4	+ 3.0	72	27	24	17	4.23	−0.40	1.85	15	T.	7					National Park Service
Jonesboro	Craighead	345	51	40.7	− 0.6	69	3†	19	14	3.07	−1.31	0.91	7	0.3	8					Benedictine Sisters
Lead Hill	Boone	650	40	40.0	+ 0.6	72	7†	11	25	4.81	+1.81	2.95	31	0	4					F. W. Kellogg
Little Rock	Pulaski	257	67	45.4	+ 1.2	71	30	22	14	4.34	+0.20	1.89	31	0.5	7					U. S. Weather Bureau
Lutherville, 2 mi. e ***	Johnson	775	48	43.0	+ 1.4	70	30	17	25	7.63	+3.45	2.16	7	T.	5					Mrs. H. G. Lenhardt
Madison	St. Francis	209	16	....	......	......	......	......	......	2.13	−3.41	0.75	15	T.	6					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	30	49.4	+ 0.5	76	31	23	25	4.27	−1.47	1.50	15	0	6					State Agri. School
Mammoth Spring	Fulton	600	42	39.8	+ 0.5	69	7†	15	14†	3.19	−0.08	1.04	7	T.	7					L. A. O'Neal
Marianna	Lee	235	35	44.0	+ 0.1	68	3†	22	1	2.09	−2.54	0.90	14	0	5					Univ. of Arkansas
Marked Tree	Poinsett	229	42	40.8	+ 0.1	71	30	18	1†	2.31	−2.23	0.64	16	T.	6					Chas. Walton
Marshall	Searcy	1050	28	42.8	+ 1.6	70	4†	14	16	1.88	−1.85	0.85	7	1.5	5					Mrs. Minnie Horton
Mena	Polk	1207	58	45.1	+ 2.3	72	28	21	12†	5.16	+1.17	2.52	7	0	7					E. W. St. John
Monticello	Drew	273	6	48.0	......	73	31	24	25	5.09	......	1.35	7	0	7					Airway Observer
Morrilton ***	Conway	315	30	42.3	− 1.3	72	31	21	17	6.37	+2.33	2.25	7	T.	7					L. A. Dicus
Mountainburg	Crawford	712	9	....	......	......	......	......	......	5.64	......	2.49	31	0	6					C. A Lovell
Mountain Home ***	Baxter	800	34	41.8	+ 1.9	72	4	16	17	5.20	+1.66	2.50	31	0	4					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	47	43.0	......	74	28	15	14	8.52	+4.19	3.14	31	0	5					J. S. Whittington
Nashville	Howard	350	8	46.8	......	73	30	23	14	5.41	......	1.97	15	0	9					Brice Carruth
Newport	Jackson	231	63	42.6	+ 0.4	73	30	20	1†	4.23	+0.13	1.15	8	T.	9					Willis T. Moyer
Nimrod Dam	Perry	475	5	43.0	......	75	30	18	17	5.48	......	2.25	7	0	7					U. S. Engineers
Oden, 2 mi. w	Montgomery	800	19	[b]48.2	......	70	28	19	12	5.83	+1.60	2.85	7	T.	4					U. S. Forest Service
Okay	Howard	288	18	47.8	+ 1.2	78	28	24	14†	5.57	+0.42	2.30	15	0	5					J. T. Hargis
Osceola	Mississippi	250	46	....	......	......	......	......	......	5.62	+1.59	3.47	31	0	6					C. E. Carter
Ozark	Franklin	396	51	42.2	+ 0.4	69	31	20	14†	3.19	−0.21	1.38	6	T.	7					Orkney O. Milton
Paragould	Greene	275	23	41.6	......	69	29	19	1	3.50	−0.88	2.22	7	T.	5					Jene J. Coffman
Parkin, 2mi. w	Cross	222	16	....	......	......	......	......	......	1.97	−3.31	0.50	7	0	6					Carroll King
Perryville	Perry	325	7	44.2	+ 2.4	73	4	17	14†	7.60	+3.62	2.75	7	0	5					Gordon Bennett
Pine Bluff	Jefferson	215	59	45.2	+ 0.1	71	4†	25	14	1.85	−3.42	0.50	8	0	7					Mary T. Scheu
Pine Ridge	Montgomery	840	22	....	......	......	......	......	......	7.31	+3.10	2.51	7	0	6					J. R. Huddleston
Pocahontas	Randolph	300	53	41.4	+ 1.1	70	30	16	1	5.62	+1.82	1.77	31	1.2	5					Benedictine Sisters
Portland	Ashley	122	40	[d]50.4	+ 3.2	73	3	28	1†	3.64	−2.15	1.62	8	0	4					Mrs. Pearl Newton
Prescott	Nevada	318	58	47.5	+ 2.1	72	28†	25	14	4.87	+0.21	1.30	16	0	8					R. P. Hamby
Rogers	Benton	1300	56	42.7	+ 3.5	71	7	14	16†	2.97	+0.53	1.63	31	T.	6					Howard Fowler
Russellville	Pope	526	34	45.2	+ 3.4	72	4†	21	14†	7.16	+3.81	2.40	31	0	5					U. S. Forest Service
St. Charles	Arkansas	175	13	44.7	......	70	4	22	1	2.40	......	0.90	15	0	6					U. S. Biological Survey
St. Francis	Clay	290	19	....	......	......	......	......	......	3.00	−1.15	1.52	7	0	7					Wm. S. Buckley
Searcy	White	245	36	44.8	+ 2.0	71	30	20	14	4.41	−0.20	1.37	8	0	9					Arthur D. Smith
Sheridan, 11 mi. n ***	Grant	237	6	46.3	......	72	3†	20	14†	2.62	......	1.32	15	0	7					Ark. Forestry Com.
Siloam Springs	Benton	1150	6	41.8	......	69	7†	17	16	2.56	......	1.79	31	T.	7					John Brown Univ.
Story	Montgomery	650	22	....	......	......	......	......	......	4.33	−0.28	2.40	7	T.	5					S. C. Story
Stuttgart	Arkansas	214	59	46.7	+ 2.7	72	29	23	25	1.95	−3.07	0.64	15	0	5					George L. Clark
Stuttgart 9 mi. e. ***	Arkansas	198	11	43.1	− 0.1	68	4†	22	23	1.77	−3.53	0.67	15	0	6					University of Ark.
Subiaco	Logan	750	48	43.7	+ 0.7	69	29	21	12†	3.49	+0.06	1.75	6	0	7					New Subiaco Abbey
Texarkana	Miller	332	62	48.3	+ 1.4	73	30	26	14	7.17	+2.56	1.72	15	0	8					U. S. Weather Bureau
Turnpike ***	Pope	2240	22	42.9	......	65	27†	18	12	5.81	+1.60	2.64	31	3.2	7					U.S Forest Service
Waldron	Scott	675	27	44.0	......	71	27†	17	25	7.58	+3.98	3.35	31	0	4					William D Bivens
Warren	Bradley	206	52	49.1	+ 3.5	73	3	25	14	2.98	−2.78	0.91	7	0	6					C. N Turner
White Rock ***	Franklin	2285	10	43.0	......	67	27	19	16	7.36	......	2.84	7	0	6					U. S. Forest Service
Wilson	Mississippi	237	21	44.0	......	65	20†	25	16†	....	......	....	......	......	....					D. O. Anderson
Wynne	Cross	167	38	44.8	+ 2.5	70	30	22	1†	1.87	−3.04	0.84	15	0	6					Guy B. Upton
State Means	......	....	..	44.2	+ 1.4	78	28	10	25	4.22	−0.01	3.59	31	0.2	6					

Daily Precipitation for December, 1947

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas				.45			1.47								T.	.78															.35	3.05
Alum Fork Reser.	Arkansas			T.	.50		T.	2.70		.05	.50					1.60																1.00	6.35
Aplin[2]	Arkansas			T.	.80			2.80	.36		.14					.49	1.25															.07	5.91
Arkadelphia[3]	Ouachita			T.	.80	.15	T.	.24	.85	T.	.26					.74	.92															.07	4.03
Arkansas City[2]	Mississippi					.17			1.30	T.	.40					1.41	.24															T.	3.52
Ashdown[2]	Red				1.09			.31	.79		.55				T.	1.56	.88														T.	.19	5.37
Augusta[2]	White				.17	.39		.70	.57		.15					.20	.42															.08	2.68
Batesville Air'y[3]	White			.07	.30		.17	1.48		.04	.01				.03	1.69																3.59	7.38
Batesville Livestk[2]	White															.80	1.00	1.50														....	....
Batesville River[2]	White				.23	.11		1.84	.57		.05					.59	1.08															.30	4.77
Beaty Lake	St. Francis				.10			.39	.19		.19					1.05							T.									.05	1.97
Beaver[2]	White			.02	.06			.35			.10					.38																.10	1.01
Bee Branch	Arkansas				.86			2.30																								3.14	....
Beech Grove[2]	White				.15	.21		1.50	.51		.03					.41	.68															.90	4.39
Beedeville[2]	White																															....	....
Benton[2]	Saline			T.	.57	.05		.20	.31		.27					.49	.88															T.	2.77
Bentonville[2]	Arkansas				.16	T.		.23		.06	.17					.32								T.									0.94
Bethesda[3]	White				.45			2.14																								.85	....
Big Flat[2]	White				.29			1.32	.09		.09					.57	.65																3.01
Big Lake Outlet[2]	St. Francis			.03		.24		.82	.96		.16					.37	.42															.01	3.01
Black Rock[2]	White				T.	.43		1.00	.35							1.37																1.84	4.99
Blytheville[2]	St Francis				.33			1.35			.20					.82																	2.70
Booneville 3 mi. w.	Arkansas			.02	.16			1.78			.08					1.13																2.95	6.12
Booneville[2]	Arkansas				.19			1.70	.55		.07	.01				.79	.52															.12	3.95
Boughton[2]	Ouachita				.92			.68	1.08		.63					.92	.64																4.87
Bradford[2]	White				.14	.65		.82	1.56		.13					.22	.57															.19	4.28
Brinkley[3]	White				.04	.20	T.	.45	.25		.17					.85																.11	2.07
Burdette	Mississippi				.27			1.09			.20					.99	.03																2.58
Calico Rock[2]	White			T.	.35			1.65	.10	.09						.37	.80																3.36
Camden[2]	Ouachita				.20	.10		.12	1.27		.46						.46																2.61
Camp Chaffee[3]	Arkansas			.02	.36			1.50			.09					.62	.34															T.	2.93
Carlisle[2]	Arkansas					.29				.90	.12					.50																	1.81
Clarendon[2]	White					.07		.05	T.		.31					.54	.40															T.	1.37
Clinton[2]	White			.70	.40			1.60	.20	.40						*	2.62															2.05	7.97
Cold Springs[2]	Ouachita			.35				3.05	.05		.05					.80	.60							T.									4.90
Conway	Arkansas			.02	.56			3.11		.04	.15					1.87																1.77	7.52
Corning[2]	White			.21				1.72			.10					.42	.88																3.33
Cotter[2]	White				.13			1.43	.14		T.					.47	.42																2.59
Cove[2]	Red				1.04											1.60	.22																....
Crossett	Ouachita				.48			1.73	T.	.61						1.35	T.															T.	4.17
Crystal Valley(nr)[2]	Arkansas				.58			.45	.20	T.	.40					1.45																	3.08
Cummins Farm	Arkansas				T.			.60	T.	.50	T.					1.10																T.	2.20
Danville[2]	Arkansas			T.	.38			1.80	1.05		.10					.66	.79														.01	.01	4.80
Dardanelle[2]	Arkansas				.03	.39		2.04	.50		.11					.63	1.28															.02	5.00
De Queen	Red				1.17		.64	.70		.40						.70																.78	4.39
Dermott[2]	Mississippi					.10			1.02		.36																						1.48
Des Arc[2]	White				T.	.25		.26	.32	.13						.22	.34																1.52
Devils Knob	Arkansas			.11	.20			1.29		.30						.70																2.96	5.56
Dumas	Mississippi				.26			.96	.24	.12	.23					1.13																1.35	4.29
Eagle Gap[2]	Arkansas				.65			2.83			.12					.94	.40															1.67	6.61
El Dorado	Ouachita				.40	.53		.02	1.63	.39						1.03	.09																4.09
Eleven Point[3]	White																																....
England	Arkansas																																
Eureka Springs	White			.07				.73			.07					.45																2.00	3.32
Evening Shade[2]	White				.67			1.61			T.					.55	1.05															.18	4.06
Fayetteville	White			.01	.21			.88		.11	.06			T.		.44							T.	T.								1.75	3.46
Fayetteville Exp. S.	White			.01	.21			1.00		.02	.18	T.		T.		.38							T.									1.27	3.07
Fordyce	Arkansas				.36			1.15	T.	.30	.07					1.10	.03															.03	3.04
Forester[2]	Arkansas				.15	.10	.75	2.60	T.	.20	.55				.10	2.35																.10	6.90
Fort Smith[1]	Arkansas	T.		.08	.37		.44	.85		.10	T.				.05	.79																2.43	5.11
Fort Smith W. Plant[2]	Arkansas				.13	.60		1.80	.11	.11						.83									T.							2.55	6.13
Fulton[2]	Red			T.	1.45	T.		.50	1.33		.43					1.19	.78															.17	5.85
Garland[2]	Red				.78	T.		.39	2.26		.25					1.08	.43																5.19
Georgetown[2]	White				.17	.15		.44	.64		.12					.20	.46															.03	2.21
Gilbert[2]	White			T.	.07			.90	.10		.10					.52	.55																2.24
Glenwood[2]	Ouachita				.85			1.02	.16			.17					.57	.61													T.	.96	4.34
Grannis[2]	Red			.90			2.85	.14			.18					1.30	.49														.40		6.26
Gravelly[2]	Arkansas				.43			2.29	.45		.12					.77	.64															.03	4.73
Gravette	Arkansas			.06								.16				.10																2.15	2.47
Greenbrier[2]	Arkansas			.08	.67			2.94			T.					1.95							T.									T.	5.64
Green Forest	White			T.				.83	.02		.14		T.			.07	.50																1.56
Green Mountain	White			T.	.46		T.	1.42		T.	T.				.55																	2.72	5.15
Greenwood[2]	Arkansas			.54	.59			2.06			.57					.52	.61															3.05	7.94
Harrison	White			.07				1.16	T.		.14					.59																2.35	4.31
Helena[2]	Mississippi					.13			.72		.10					1.18	.40																2.53
Henderson[2]	White					.28		1.45								.45	.52															3.30	6.00
Hope[2]	Red				1.20	.04		.49	1.33		.27					1.03	.76															.16	5.28
Horatio[2]	Red				1.24			1.00	.31		.18					1.08	1.42																5.23
Hot Springs	Ouachita			.01	.64			1.09		.05	.18					1.85																.41	4.23
Huntsville[2]	White																																....
Huttig Lock 7, Dam 6[2]	Ouachita				T.	.24			1.57	T.	.55					1.02	.14																3.52
Index[2]	Red				.95			.25	1.25		1.50					1.10	1.25																6.30
Jonesboro[2]	White				.02	.24		.91	.90		.12					.24	.47															.17	3.07
Judsonia[2]	White																																....
Lake City[3]	St. Francis				.23	T.		T.	1.85	.03	.07					.81																.12	3.11
Lead Hill	White			.22				1.22								.42																2.95	4.81
Little Rock[1]	Arkansas			.07	.58		.19	.26		.18	T.				T.	1.17																1.89	4.34
Lock & Dam No. 3[2]	White				.19	.32		1.00	.22		.03					.55	1.24															.67	4.22
Lurton[3]	White			T.	.32			1.26			.20					.64	.40															.04	2.86
Lutherville	Arkansas			.30	.26			2.16								1.18																3.73	7.63
Madison[2]	St. Francis				T.	.13		.15	.35		.30					.75	.45														T.		2.13
Magnolia	Red				.44			1.43	.08	.68	.14				T.	1.50																	4.27
Mammoth Spg[2]	White				.51	.06		1.04	.21							.35	.91															.11	3.19
Marianna[2]	St. Francis						.09		.58			.26			.90			.26															2.09
Marked Tree[2]	St. Francis				T.	.43		.38	.33		.15					.38	.64																2.31
Marshall[2]	White		.08					.85				.20				.75																*	1.88
Marvell[2]	White				.23	T.		.67	T.		.14					.95																	1.99
Melbourne[3]	White			.40				1.40								.30															1.25	1.55	4.90
Mena[2]	Ouachita			T.	.64			2.52	.41		.08					1.05	.35															.11	5.16
Monticello[1]	Ouachita				.90			1.35	.11	.42					.02	1.08																1.21	5.09
Morobay[2]	Ouachita				1.27			1.11	.49	.24	.11					1.19																	4.41
Morrilton[2]	Arkansas			T.	.65			2.25	1.33		.12					.57	1.35															.10	6.37
Mountainburg	Arkansas			.14	.61			1.71		.09						.60															T.	2.49	5.64
Mountain Home	White				.30			1.50									.90															2.50	5.20
Mountain View[2]	White				.35			1.04			T.					1.04	T.															1.51	3.94

Daily Precipitation for December, 1947, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	....	....	....	.67	....	....	2.50	....	.21	....	....	....	....	....	2.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.14	8.52
Mulberry[2]	Arkansas	....	....	T.	.48	....	....	1.75	T.	....	.16	....	....	....	....	.36	.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	3.40
Nashville	Red	....	....	.04	.99	....	.10	.66	....	.19	.01	....	....	....	.02	1.97	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.43	5.41
Newport[2]	White	....	....	....	.18	.70	....	.90	1.15	....	.10	....	T.	....	....	.32	.60	....	....	....	....	....	....	....	....	....	....	....	....	....	.10	.18	4.23
Nimrod Dam[2]	Arkansas	....	....	T.	.60	....	T.	2.25	.30	....	.15	....	....	....	....	.70	1.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.18	5.48
Oark[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Odell[2]	Arkansas	....	.11	.53	....	....	....	1.30	....	.14	....	....	....	....	....	.51	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.47	3.06
Oden‡	Ouachita	....	....	....	.75	....	....	2.85	....	.18	....	....	....	....	....	2.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5.83
Okay	Red	....	....	....	1.56	....	....	1.00	....	.55	T.	....	....	....	....	2.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.16	5.57
Osceola[2]	Mississippi	....	....	....	....	.46	....	.59	.03	....	....	....	....	.72	.35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.47	5.62
Ozark[2]	Arkansas	....	....	.07	.71	....	....	1.38	.16	....	.17	....	....	....	....	.45	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	3.19
Paragould	St. Francis	....	....	....	.24	....	....	2.22	....	....	.07	....	....	....	....	.50	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.47	3.50
Parkin[2]	St. Francis	....	....	....	....	.22	....	.50	.16	....	.13	....	....	....	....	.50	.46	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.97
Parthenon[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville[2]	Arkansas	....	....	....	.75	....	....	2.75	....	.10	....	....	....	....	....	2.00	T.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.00	7.60
Pine Bluff[2]	Arkansas	....	....	....	.03	.11	....	.10	.50	....	.32	....	....	....	....	.43	.36	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.85
Pine Ridge[2]	Ouachita	....	....	....	.67	....	....	2.51	T.	....	.23	....	....	....	....	.98	.92	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.00	7.31
Pocahontas	White	....	....	....	.42	....	....	1.73	....	....	.08	....	....	....	....	1.62	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.77	5.62
Portland[2]	Ouachita	....	....	....	....	.33	....	....	1.62	....	.37	....	....	....	....	1.32	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.64
Prescott[2]	Ouachita	....	....	T.	1.05	.05	....	.56	1.15	.23	....	....	....	....	....	.50	1.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	4.87
Ratcliff[2]	Arkansas	....	....	....	.10	.70	....	1.53	.05	....	....	....	....	....	....	1.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.43
Red Star	White	....	....	.30	....	....	1.56	....	....	....	.23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.41	5.50
Rogers	White	....	....	.03	.26	....	....	....	.44	....	.21	....	....	....	....	.40	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	1.63	2.97
Russellville	Arkansas	....	....	....	.36	....	....	2.36	....	....	.08	....	....	....	....	1.96	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.40	7.16
St. Charles[2]	White	....	....	....	....	.29	....	.02	.55	....	.29	....	....	....	....	.90	.35	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.40
St. Francis[2]	St. Francis	....	....	....	.10	.12	....	1.52	.12	....	.05	....	....	....	....	.29	.80	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.00
Searcy[2]	White	....	....	....	.31	.72	....	.90	1.37	....	T.	.15	....	....	....	.12	.69	....	....	....	....	....	.02	....	....	....	....	....	....	....	....	.13	4.41
Sheridan	Ouachita	....	....	.07	.38	....	....	.65	.03	.02	....	....	....	....	....	1.32	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	.15	2.62
Shirley[2]	White	....	....	....	.41	....	....	1.24	.30	....	.09	....	....	....	....	.79	.83	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.48	4.14
Siloam Springs	White	....	....	.01	.12	....	....	.23	....	.02	.11	....	....	....	....	.28	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.79	2.56
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve[2]	Arkansas	....	....	....	.50	....	....	2.75	....	....	....	....	....	....	....	2.20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.60	7.05
Story[2]	Ouachita	....	....	....	.63	....	....	2.40	....	....	.12	....	....	....	....	....	.97	.21	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	4.33
Stuttgart[2]	Arkansas	....	....	....	....	.07	....	.53	....	....	.35	....	....	....	....	.64	.36	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.95
Stuttgart Evap[2]	Arkansas	....	....	....	T.	.04	....	.03	.31	....	.33	....	....	....	....	.67	.39	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.77
Subiaco[2]	Arkansas	T.	.15	....	....	....	1.75	.30	....	.12	....	....	....	....	.45	.57	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.15	3.49
Sugar Grove[2]	Arkansas	....	....	....	....	.28	....	2.44	....	....	.10	....	....	....	....	.90	.26	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	.82	4.80
Sugar Loaf Mt[2]	White	....	....	....	.57	.05	....	1.46	.91	....	.11	....	....	....	....	.64	1.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.20	4.94
Texarkana[3]	Red	....	....	.38	.99	....	.48	1.81	....	.04	T.	....	....	....	.13	1.72	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	1.62	7.17
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	....	....	.08	.31	....	....	1.51	....	.05	.14	....	....	....	....	1.08	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.64	5.81
Viola[2]	White	....	....	.50	....	....	....	1.54	....	....	....	....	....	....	....	.50	....	.60	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.14
Waldron[2]	Arkansas	....	....	....	.20	....	....	2.73	....	T.	....	....	....	....	....	1.30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3.35	7.58
Walnut Grove	White	....	....	....	.35	....	....	1.85	T.	T.	T.	....	....	....	....	2.10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.25	6.55
Warren	Ouachita	....	....	T.	.59	....	....	.91	.15	.35	.09	....	....	....	....	.89	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	T.	2.98
Whitecliffs[2]	Red	....	....	....	1.14	T.	....	.62	.43	....	.30	....	....	....	....	1.27	1.05	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	4.81
White Rock	Arkansas	....	....	.20	.51	....	....	2.84	....	T.	.14	....	....	....	....	.84	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2.83	7.36
Wilson[2]	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne	St. Francis	....	....	....	.23	....	....	.67	.06	.02	.05	....	....	....	....	.84	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.87
Yellville[2]	White	....	....	.11	....	....	....	....	....	.25	....	....	....	....	....	.30	.95	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1.61

Daily Evaporation (inches), and Wind Movement (miles) for December, 1947

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hope Exp. Farm	Evap.	.135	.019	.063	.085	.181	.066	*	.135	.095	.032	.032	*	*	*	.174	*	*	*	.191	.057	*	.081	.054	.023	*	*	*	.234	.037	.059	.172	1.925
	Wind move	77	24	8	45	12	15	*	81	68	51	58	46	44	*	72	46	22	10	25	5	*	19	38	34	31	46	47	26	11	67	43	1.071
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	37	22	42	51	16	77	17	66	10	28	35	11	6	45	57	13	7	....	....	19	27	25	66	5	15	58	26	42	15	78	59	....
Norfork Dam	Evap.	.008	.123	.067	-017	.173	.081	*	.253	.064	.046	.036	.044	.027	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	34	26	33	43	89	37	44	52	39	70	40	4	81	33	25	36	22	26	22	20	16	43	24	76	25	34	38	33	21	43	122	1,251
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart Rice Exp. Farm	Evap.	*	.076	.063	.045	.001	.056	.061	.005	.049	.031	.034	.038	*	*	.481	*	*	*	*	....	.003	.051	.057	.027	*	*	.093	.069	.011	.044	.055	1.395
	Wind move	25	25	20	65	75	20	30	100	65	60	60	75	50	30	50	70	10	10	10	5	5	20	50	60	*	70	25	20	15	95	90	1,305

(Continued from Front Page)

about 4:00 pm, and moved into Arkansas at Three Creeks (Union County). This storm also damaged property at Strong and a small community just south of El Dorado.

The third tornado began south of Magnolia(Columbia County) at about 7:45 pm, and moved northeast across the State, making contacts at Village, Mt. Holly, Smackover, Gethsemane(Jefferson County), Marianna to Brickeys(Lee County), and Marion(Crittenden County). A tornado was reported in Tennessee shortly after the last contact in Arkansas, and the points hit were directly in line with the path in Arkansas.

The third tornado caused the greatest damage in the State, and also the only deaths. The toll for all three tornadoes is as follows: Two killed, 99 injured, 85 homes damaged, or destroyed, 1 gymnasium destroyed, 10 oil rigs damaged beyond repair. Total monetary loss $215,500.00.

Daily Temperatures for December, 1947

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	56	47	65	69	61	62	64	63	47	43	42	37	40	48	43	45	51	60	61	46	64	61	58	44	49	59	70	63	67	70	64	55.5
	Minimum	25	30	44	55	43	33	49	36	30	35	31	26	26	22	32	32	21	28	29	27	30	30	34	22	27	26	32	32	33	52	51	33.0
Arkadelphia /	Maximum	54	62	66	71	72	67	67	65	54	46	45	40	42	50	49	41	45	52	61	64	64	66	66	46	47	56	65	72	70	72	74	58.4
	Minimum	24	25	36	50	50	37	37	39	34	36	35	26	29	23	24	27	24	23	23	30	28	29	30	30	25	24	25	29	30	31	52	31.1
Ashdown /	Maximum	56	64	69	71	71	68	66	66	56	45	48	41	40	51	50	47	49	54	62	63	60	65	66	49	47	52	55	71	73	72	75	58.8
	Minimum	25	28	41	54	34	35	42	38	35	34	35	24	27	20	20	24	21	21	23	27	25	26	30	30	22	22	26	26	27	34	58	30.1
Batesville Air	Maximum	55	64	67	68	58	60	63	49	45	45	36	39	40	49	38	41	50	60	62	61	55	60	41	39	51	59	68	60	68	70	47	53.8
	Minimum	20	40	49	52	34	29	41	33	28	35	31	28	26	19	30	22	18	29	27	27	33	31	31	23	19	32	29	31	27	51	44	31.3
Batesville, Livestk /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bee Branch	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Benton /	Maximum	64	59	67	69	70	64	65	64	52	45	45	38	40	46	48	39	43	53	58	64	65	63	64	43	44	60	64	68	70	72	72	57.4
	Minimum	19	19	29	32	34	30	34	33	27	32	32	24	27	17	17	21	18	19	20	24	26	23	24	26	16	17	19	22	23	25	25	24.3
Bentonville /	Maximum	52	58	63	62	60	53	59	57	49	53	34	38	42	45	50	41	45	50	58	60	60	59	57	36	35	45	57	66	68	68	54	52 7
	Minimum	22	32	47	52	26	27	39	25	26	28	26	15	18	20	22	15	16	18	29	27	24	24	30	18	16	17	27	25	29	34	32	26.0
Bethesda	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Blytheville	Maximum	56	64	67	63	63	60	62	63	44	43	43	35	32	45	42	42	50	57	60	60	47	60	43	40	46	57	67	62	71	68	65	54.1
	Minimum	24	35	46	53	43	35	45	36	29	36	33	30	25	22	34	25	24	28	29	31	32	30	33	29	21	34	29	33	34	52	52	33.6
Booneville	Maximum	55	67	66	72	65	62	71	66	49	43	40	45	50	54	47	47	57	64	64	61	63	67	60	46	48	61	70	67	72	71	60	59.0
	Minimum	30	42	51	57	36	32	52	33	34	37	32	21	22	20	37	23	24	25	28	30	27	33	34	25	22	25	27	27	35	55	45	32.9
Brinkley	Maximum	60	67	70	68	66	65	65	61	48	46	43	38	41	52	46	44	52	62	63	63	58	64	58	41	52	61	70	65	71	72	66	58.0
	Minimum	20	37	44	56	41	33	49	37	29	37	34	29	28	20	25	25	20	25	28	28	31	30	30	31	21	28	29	33	32	54	51	32.7
Camden	Maximum	54	65	70	72	72	68	66	67	53	53	46	39	46	58	52	49	59	56	63	65	67	68	66	48	44	52	63	71	75	70	72	60.3
	Minimum	24	24	34	50	41	36	38	47	35	39	37	32	31	23	34	28	25	25	25	29	30	30	32	32	26	24	28	29	33	32	54	32.5
Conway	Maximum	57	67	69	73	65	66	66	62	49	45	44	39	47	51	45	44	51	60	63	61	62	65	57	44	50	61	71	64	70	73	65	58.3
	Minimum	22	35	43	55	40	32	50	36	30	37	33	29	28	21	32	24	20	24	26	27	30	33	30	28	21	25	27	28	30	53	51	32.3
Corning	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Crossett	Maximum	65	70	74	68	69	71	68	72	46	45	44	37	49	55	48	52	56	62	65	67	64	67	59	49	52	63	69	75	69	70	71	61.0
	Minimum	25	32	45	57	54	39	54	46	38	40	36	33	33	24	40	26	24	23	28	28	28	29	35	33	25	22	28	31	35	50	56	35.4
Cummins Farm	Maximum	58	70	71	62	62	62	63	54	45	44	40	37	45	46	46	43	52	59	60	64	61	64	56	42	51	60	68	69	69	68	70	56.8
	Minimum	30	34	35	51	49	48	46	35	35	33	33	30	29	26	25	28	28	27	31	28	30	30	32	34	24	25	27	30	33	52	51	33.8
Dardanelle	Maximum	51	63	64	73	69	63	68	65	49	46	45	40	50	49	47	44	51	60	61	58	58	68	65	48	50	61	71	66	71	73	68	58.5
	Minimum	24	24	34	45	41	32	32	37	31	31	33	24	24	21	21	26	21	21	25	28	28	28	32	29	24	24	28	28	28	30	50	29.2
De Queen	Maximum	58	65	68	69	67	64	66	64	49	46	43	45	51	47	47	46	50	59	60	61	62	62	54	53	53	61	69	69	70	70	68	58.6
	Minimum	29	34	53	56	38	38	52	38	36	38	36	23	25	23	36	26	25	25	28	28	29	31	32	32	24	23	23	30	34	43	53	33.6
Des Arc	Maximum	57	66	70	69	63	63	65	65	61	47	44	40	42	49	48	41	49	59	63	65	63	64	62	43	50	61	68	66	70	74	70	58.6
	Minimum	24	39	46	57	43	35	56	37	29	38	34	28	27	25	36	25	24	30	30	27	26	30	29	31	23	31	28	29	32	50	57	34.1
Devil's Knob	Maximum	52	55	54	62	60	58	58	56	47	43	44	42	45	45	42	40	46	54	55	57	55	56	49	40	45	57	69	60	62	63	55	52.5
	Minimum	28	40	43	51	50	33	45	40	28	23	22	18	19	26	28	16	24	31	35	41	40	37	31	22	19	28	38	45	46	50	43	33.5
Dumas	Maximum	60	65	74	67	65	65	66	64	45	47	51	38	47	50	50	44	56	60	60	65	62	66	53	43	51	65	70	70	72	70	70	59.1
	Minimum	24	34	42	53	45	38	51	40	35	40	35	32	29	26	38	26	25	26	26	28	32	30	33	36	23	28	29	33	37	54	55	34.9
El Dorado	Maximum	63	69	71	68	68	70	67	66	47	45	43	39	47	50	43	45	54	60	62	64	62	66	51	46	50	60	69	72	69	71	72	59.0
	Minimum	26	38	49	60	46	40	55	47	37	40	37	32	31	24	39	26	28	29	31	30	30	29	35	32	25	27	40	40	39	56	56	37.2
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	57	64	62	62	53	59	68	57	47	40	36	39	41	50	42	40	50	59	61	55	57	56	42	36	44	54	64	65	68	61	39	52.5
	Minimum	33	47	53	45	29	34	52	27	28	30	27	18	22	29	32	15	26	37	39	36	30	39	31	25	18	32	41	36	44	38	34	33.1
Fayetteville	Maximum	56	62	62	61	51	59	68	48	50	37	35	43	42	48	43	45	49	57	60	56	57	57	42	37	45	55	65	66	67	60	41	52.4
	Minimum	34	47	53	47	29	30	41	28	32	30	27	19	22	23	32	18	28	36	29	28	25	41	32	25	17	29	31	26	41	41	36	31.5
Fayetteville Exp. S.	Maximum	57	64	62	62	55	58	69	62	50	43	35	42	43	47	43	45	50	58	59	54	58	57	45	36	44	56	66	66	67	60	44	53.5
	Minimum	34	45	53	55	29	30	48	28	27	32	27	18	23	24	33	19	26	34	28	29	28	37	32	23	17	29	31	28	42	44	35	31.9
Fordyce	Maximum	64	62	69	71	71	67	67	62	58	45	47	46	40	40	46	47	54	61	64	64	65	66	63	46	51	62	71	71	69	71	71	59.7
	Minimum	29	31	38	50	45	39	52	42	42	35	42	30	30	24	36	26	26	33	35	34	37	39	35	30	26	28	38	39	44	56	59	37.1
Fort Smith	Maximum	53	66	65	67	53	59	72	51	46	41	40	43	45	52	48	45	52	62	62	57	60	62	44	46	47	58	66	66	74	63	49	55.3
	Minimum	30	40	50	44	34	36	40	35	33	35	26	23	25	23	32	23	26	26	30	33	27	36	38	30	22	26	27	28	36	41	33	31.9
Gilbert /	Maximum	50	58	65	62	71	58	65	67	51	47	41	35	43	46	54	39	42	54	63	63	56	62	64	41	35	49	59	73	63	71	70	55.4
	Minimum	16	18	33	45	30	24	30	32	18	18	30	24	22	13	17	16	14	14	17	20	19	23	32	19	10	13	19	19	20	21	39	22.1
Grannis /	Maximum	53	62	65	67	63	64	65	55	45	45	40	44	50	45	49	46	49	57	59	62	63	60	40	34	50	56	69	69	67	69	65	55.7
	Minimum	30	42	47	40	40	44	37	33	35	31	23	23	23	25	27	24	27	30	32	33	34	35	29	22	30	34	35	38	42	55	21	32.9
Gravette	Maximum	57	63	61	60	50	59	68	47	51	41	36	40	43	50	42	45	50	58	59	60	57	54	45	36	44	55	64	69	69	61	40	52.7
	Minimum	31	46	52	49	26	28	41	26	29	29	26	16	21	21	32	14	23	33	31	28	26	34	31	21	14	24	27	27	40	36	32	29.5
Green Mountain	Maximum	48	48	52	54	57	54	50	54	58	50	48	42	36	36	34	34	44	46	48	52	50	54	52	44	38	38	54	52	49	57	55	48.0
	Minimum	22	34	36	36	36	34	32	28	24	34	22	24	20	28	26	18	21	22	26	28	32	36	34	26	20	32	38	34	36	40	32	29.4
Harrison	Maximum	56	65	59	63	62	72	71	66	45	41	41	38	45	53	43	42	55	64	62	60	60	64	47	47	46	55	70	62	69	70	57	56.5
	Minimum	19	36	46	51	28	24	46	25	20	29	25	16	20	13	28	14	15	19	20	24	21	25	30	19	15	29	22	20	21	49	30	25.8
Helena	Maximum	55	62	67	65	65	61	65	61	47	46	42	37	42	47	45	41	48	55	57	65	60	60	55	40	47	55	66	63	66	65	67	55.4
	Minimum	23	31	40	53	47	35	51	40	32	38	33	30	29	22	36	27	23	26	28	29	32	30	35	30	32	30	33	33	50	52	54	35.0
Hope /	Maximum	52	65	68	71	70	67	67	65	51	45	45	39	40	47	50	44	46	54	61	64	62	66	65	47	47	50	62	69	73	70	72	57.9
	Minimum	29	31	44	55	40	40	40	32	36	38	35	26	29	23	24	26	25	25	27	31	32	34	35	32	26	26	29	31	34	40	59	33.7
Hot Springs	Maximum	57	64	68	70	66	65	63	61	49	43	42	41	50	45	43	45	52	60	63	63	62	63	58	46	52	66	72	68	70	71	65	58.2
	Minimum	28	43	51	55	44	31	39	37	32	36	32	25	28	26	36	28	24	35	36	35	35	39	36	28	25	35	40	42	44	55	58	36.7
Jonesboro	Maximum	52	63	69	63	56	60	62	49	43	42	36	35	36	48	37	38	48	57	62	61	37	58	38	40	48	56	63	60	69	69	62	52.2
	Minimum	20	20	34	42	42	34	34	36	29	29	31	28	26	19	20	23	21	21	28	28	30	29	29	27	23	23	31	35	32	31	51	29.2
Lead Hill	Maximum	60	66	57	70	55	57	72	50	45	40	34	38	43	54	43	43	55	64	62	60	54	56	42	39	47	57	67	58	70	72	41	53.9
	Minimum	18	42	42	53	33	25	47	29	19	32	24	19	24	14	31	17	15	20	20	20	22	27	31	16	11	21	21	20	21	41	36	26.2
Little Rock	Maximum	54	66	67	70	60	62	65	57	45	45	38	39	44	46	42	39	50	59	58	62	60	64	47	42	50	60	70	62	69	71	65	55.7
	Minimum	24	37	44	53	44	38	50	37	34	37	33	29	29	22	33	28	24	28	31	32	36	32	37	31	27	31	35	35	33	57	50	35.2
Lutherville	Maximum	60	60	60	68	62	65	65	61	45	46	39	40	46	49	44	43	49	57	60	61	62	61	53	44	39	56	62	60	66	70	61	55.3
	Minimum	24	38	46	42	32	33	46	31	29	33	28	19	21	20	34	22	20	25	30	30	31	31	31	25	17	26	30	29	35	49	43	30.6
Magnolia	Maximum	65	70	71	73	70	69	67	62	51	45	45	39	50	51	50	49	54	61	63	65	64	68	62	47	50	63	72	74	70	72	76	60.9
	Minimum	30	41	52	59	44	43	56	45	37	40	36	31	31	31	24	26	28	29	35	39	30	39	34	33	23	26	32	38	44	57	58	37.8
Mammoth Spring	Maximum	54	63	63	68	63	63	69	60	50	59	38	40	40	35	36	40	45	....	59	55	50	55	50	45	47	55	66	63	69	69	65	[a]54.5
	Minimum	16	28	29	48	37	25	39	31	22	22	29	26	24	15	16	15	15	16	19	20	25	30	25	22	18	24	21	22	22	44	37	25.2
Marianna /	Maximum	57	63	68	64	62	65	65	64	46	44	39	36	40	50	40	41	51	58	62	61	58	61	46	36	49	57	66	67	68	67	67	55.4
	Minimum	22	33	40	45	47	36	38	40	31	32	34	30	29	23	31	27	24	23	29	29	31	31	32	31	24	26	30	31	33	42	54	32.5
Marked Tree /	Maximum	63	58	64	69	64	59	60	63	48	47	41	35	35	35	48	39	42	50	59	62	62	37	59	39	39	49	57	68	64	71	70	53.4
	Minimum	18	19	33	40	40	34	32	37	29	29	32	28	27	18	26	25	21	21	21	27	28	29	29	27	20	20	28	28	28	28	51	28.2
Marshall /	Maximum	50	60	60	70	60	60	62	53	44	40	35	40	45	53	43	42	52	57	60	58	60	60	55	45	45	55	70	57	60	67	61	54.2
	Minimum	29	45	52	55	37	28	47	37	23	34	28	25	23	26	32	14	19	28	28	28	28	27	37	23	17	25	30	28	42	42	38	31.5
Mena	Maximum	59	62	66	68	64	68	67	59	44	40	38	44	46	50	43	48	52	61	64	62	64	62	48	40	50	64	69	72	69	69	60	57.2
	Minimum	26	40	52	37	37	36	50	35	32	35	30	21	25	24	35	24	23	31	30	31	32	38	34	29	21	29	33	36	37	31	48	33.0
Monticello	Maximum	61	66	72	64	67	69	67	60	46	45	43	37	46	52	45	46	54	61	64	67	62	65	52	44	51	62	69	72	68	67	73	58.6
	Minimum	28	40	48	58	47	40	59	39	38	39	33	32	30	26	34	28	29	27	33	37	34	38	37	30	24	25	31	36	42	58	58	37.4
Morrilton /	Maximum	46	54	64	67	71	57	63	67	51	47	45	38	39	46	53	41	41	50	57	60	59	60	65	44	44	48	58	68	62	69	72	55.0
	Minimum	23	25	38	43	42	31	34	36	30	29	32	27	26	22	22	25	21	22	24	27	30	31	32	28	25	25	29	29	28	30	53	29.6
Mountain Home	Maximum	59	64	59	72	57	58	65	61	52	42	38	35	40	52	44	38	50	62	60	60	45	62	43	36	47	55	67	58	70	71	58	54.2
	Minimum	20	36	41	53	34	27	49	29	27	33	29	26	23	17	32	19	16	22	25	28	27	32	30	22	19	25	26	27	29	51	38	29.4
Mt. Ida	Maximum	58	57	59	61	62	67	60	57	48	42	44	38	50	47	45	48	54	61	54	60	61	65	60	58	62	64	72	74	71	70	64	57.8
	Minimum	19	32	38	42	34	34	36	30	32	34	30	16	24	15	34	19	16	19	18	20	22	36	30	27	17	20	22	24	24	58	50	28.1
Nashville	Maximum	60	66	70	70	68	64	65	62	45	46	42	42	50	47	46	46	51	60	61	62	65	63	47	47	53	62	70	72	71	73	70	58.6
	Minimum	30	38	51	52	38	41	52	41	38	38	32	35	30	23	37	26	24	25	29	33	29	30	30	30	24	24	29	30	32	54	56	34.9
Newport	Maximum	57	65	70	66	60	63	61	52	48	45	39	37	38	48	40	44	51	61	63	65	48	62	41	44	52	61	67	63	72	73	58	55.3
	Minimum	20	22	38	46	38	32	34	38	31	33	33	30	28	20	22	27	21	23	27	28	31	31	32	31	23	25	28	30	28	30	50	30.0
Nimrod Dam /	Maximum	52	55	65	67	71	57	68	65	54	49	41	34	38	49	54	56	47	55	62	65	66	62	66	42	47	49	62	72	69	75	72	57.6
	Minimum	21	22	40	42	40	30	34	36	26	28	32	23	25	19	22	22	18	19	25	26	27	30	31	27	23	23	28	28	29	29	53	28.3
Oden	Maximum	65	69	60	66	68	45	45	42	40	39	49	45	40	48	50	61	63	63	62	64	42	45	52	65	....	67	69	70	64	55	59	[a]55.7
	Minimum	....	46	41	31	46	28	29	36	26	24	26	19	33	28	21	25	24	26	30	40	37	30	25	28	30	29	34	....	45	32	25	[b]30.8

Daily Temperatures for December, 1947, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	65	70	73	72	70	68	65	64	54	49	45	42	50	52	49	49	57	62	64	61	67	65	64	49	62	65	72	78	73	75	70	61.6
	Minimum	28	36	42	49	39	40	45	42	35	37	31	25	30	24	40	28	25	26	31	32	28	31	33	25	24	26	27	29	32	55	60	34.0
Ozark	Maximum	49	52	62	60	67	58	60	55	55	46	43	40	40	49	49	45	44	50	57	60	59	57	62	45	47	50	60	64	63	68	69	54.4
	Minimum	28	32	43	50	37	34	43	36	35	35	32	22	23	20	20	23	23	23	23	28	28	28	31	29	22	22	25	28	29	32	42	29.9
Paragould	Maximum	52	62	66	63	63	59	62	62	44	42	40	36	35	47	44	40	46	51	61	60	49	52	51	44	46	50	60	59	69	68	61	53.3
	Minimum	19	28	38	49	42	29	40	34	28	34	31	27	25	20	31	23	20	24	24	26	30	27	33	26	22	32	25	31	26	51	43	30.3
Perryville	Maximum	59	67	68	73	60	66	68	64	47	45	44	39	49	53	44	42	55	63	64	63	64	66	63	51	50	62	67	71	70	71	62	58.7
	Minimum	19	31	40	54	40	29	49	35	27	36	27	26	23	17	34	22	17	21	23	24	31	29	31	21	21	22	23	25	25	52	49	29.8
Pine Bluff	Maximum	49	60	65	71	69	66	65	66	51	47	41	38	39	46	52	41	45	51	61	64	64	62	66	48	42	53	62	71	65	70	71	56.8
	Minimum	27	27	38	46	46	38	37	43	35	36	36	32	31	25	26	29	26	26	28	32	32	33	34	35	27	28	30	33	35	35	57	33.6
Pocahontas	Maximum	51	54	64	63	61	55	61	61	46	43	40	47	37	46	40	38	46	55	58	62	50	54	50	41	47	56	69	58	66	70	63	53.3
	Minimum	16	29	37	49	39	29	45	31	26	34	30	27	24	18	31	17	17	22	25	27	31	29	31	26	20	34	24	29	29	46	40	29.4
Portland	Maximum	62	68	73	69	68	68	70	64	52	46	44	47	....	....	....	....	....	60	63	68	63	64	52	46	46	63	70	72	70	70	70	[e]61.8
	Minimum	28	36	45	60	56	39	58	44	41	41	35	33	....	28	30	....	....	28	34	34	38	32	38	38	30	28	32	40	41	48	59	[c]39.1
Prescott	Maximum	61	63	70	70	65	66	65	60	50	49	45	43	47	49	45	47	53	60	64	63	65	64	60	47	46	62	69	72	70	72	71	59.1
	Minimum	28	39	40	39	43	53	50	43	36	39	35	26	30	25	38	28	26	27	33	35	32	34	36	33	26	28	33	35	36	51	57	35.9
Rogers	Maximum	59	65	61	63	53	59	71	58	51	45	30	35	43	53	42	45	52	60	62	65	57	59	45	58	58	57	65	69	70	55	38	54.9
	Minimum	28	43	50	44	25	30	52	26	26	30	25	15	20	22	32	14	22	32	32	35	42	32	32	26	14	26	32	38	34	34	32	30.5
Russellville	Maximum	53	62	65	72	67	62	68	64	50	45	49	48	49	50	46	44	53	60	62	62	60	63	60	47	48	59	68	62	71	72	65	58.3
	Minimum	23	35	45	55	40	31	50	36	29	37	33	23	25	21	36	26	21	24	26	26	27	29	32	30	23	26	26	29	29	51	49	32.0
St. Charles /	Maximum	45	60	66	70	65	66	65	66	50	47	47	37	48	60	50	40	35	52	59	69	55	62	65	60	48	50	60	65	68	69	67	57.0
	Minimum	22	26	42	47	41	34	45	41	38	37	34	30	27	27	25	27	23	23	25	29	31	31	32	34	27	23	29	31	28	42	54	32.4
Searcy	Maximum	55	64	70	69	63	65	63	54	46	45	39	38	42	49	45	43	50	60	62	59	60	64	51	40	53	62	70	63	70	71	68	56.4
	Minimum	22	32	40	54	42	35	48	35	31	37	33	30	28	20	33	25	21	25	27	29	35	33	33	32	24	30	28	34	29	65	52	33.3
Sheridan	Maximum	60	67	72	70	64	67	64	60	61	45	44	43	45	50	46	45	51	58	65	55	53	63	55	44	52	62	63	69	69	72	68	58.1
	Minimum	22	38	45	57	40	34	49	38	28	36	33	29	28	20	33	24	20	24	31	28	28	30	32	30	22	26	30	30	36	53	49	34.5
Siloam Springs	Maximum	57	60	62	62	54	58	69	48	50	41	37	40	45	50	43	46	51	58	60	57	58	56	45	38	45	57	66	69	68	62	41	53.3
	Minimum	32	47	52	61	28	29	36	28	28	30	27	18	22	24	32	17	23	31	29	28	27	40	33	20	18	27	29	28	36	38	34	30.4
Stuttgart	Maximum	60	76	70	67	65	67	66	61	46	46	45	38	44	51	47	42	51	60	64	62	59	65	54	42	49	59	70	66	72	71	67	57.8
	Minimum	25	36	43	61	43	38	52	40	33	39	34	31	29	24	36	27	25	26	32	34	36	32	34	34	23	28	31	35	35	52	55	35.6
Stuttgart Evap. /	Maximum	45	57	65	68	65	60	65	65	48	47	45	36	40	43	49	43	42	50	58	62	61	60	62	48	46	48	58	66	68	68	67	55.0
	Minimum	24	25	38	43	44	36	39	41	33	34	36	32	30	23	23	28	24	24	27	27	23	27	22	34	25	26	28	28	30	58	56	31.2
Subiaco	Maximum	49	62	61	68	64	60	65	65	47	40	39	36	44	47	47	43	45	55	55	54	56	56	56	43	46	54	62	62	69	68	63	54.2
	Minimum	26	37	48	51	37	34	50	34	32	36	31	21	26	21	36	25	21	25	29	32	32	34	36	28	24	29	31	31	33	55	44	33.2
Texarkana	Maximum	65	70	71	71	67	66	66	55	46	46	41	40	48	48	46	49	53	61	64	60	63	65	48	46	48	63	70	72	70	73	72	58.8
	Minimum	31	48	55	54	43	44	55	41	39	40	30	28	33	26	34	28	28	32	36	34	35	40	37	32	28	28	34	36	45	57	39	37.7
Turnpike	Maximum	48	55	65	61	67	58	58	57	42	37	34	41	43	45	38	42	49	55	63	57	55	56	50	47	47	55	65	55	62	65	56	51.9
	Minimum	28	41	48	51	35	40	46	28	26	30	24	18	22	27	29	19	23	32	39	41	39	37	31	22	24	31	41	45	46	50	39	33.9
Waldron	Maximum	56	65	67	70	57	66	70	67	49	42	38	41	45	52	47	48	54	61	63	62	60	67	54	42	48	62	71	70	71	70	65	58.1
	Minimum	25	33	46	53	33	31	51	34	26	36	30	18	24	18	34	22	20	22	23	25	23	30	35	23	17	22	23	25	26	55	44	29.9
Warren	Maximum	63	64	73	70	63	64	67	64	60	46	46	41	40	63	49	47	53	64	64	64	64	63	65	64	58	63	68	69	69	68	72	60.6
	Minimum	36	38	42	59	48	49	57	42	37	40	36	32	31	25	38	28	27	27	31	31	32	33	34	33	30	28	32	35	39	58	58	37.6
White Rock	Maximum	47	57	55	60	57	55	61	54	44	33	35	42	45	46	38	42	46	54	56	60	54	57	46	41	46	61	67	61	62	61	55	51.5
	Minimum	31	41	47	51	30	41	46	36	29	27	22	21	24	26	30	19	26	33	40	42	39	38	29	25	21	32	38	46	45	46	47	34.5
Wilson	Maximum	50	58	60	59	59	60	55	50	46	52	46	38	46	46	48	44	50	54	60	65	60	61	61	60	62	56	60	63	65	58	60	55.2
	Minimum	32	44	42	42	40	39	34	30	28	33	34	30	28	28	32	25	32	33	34	34	34	32	30	32	33	31	25	28	32	30	34	32.7
Wynne /	Maximum	58	65	64	65	64	65	64	61	46	43	41	36	36	50	43	40	50	58	56	59	52	61	47	40	53	59	68	66	68	70	65	55.3
	Minimum	22	39	39	50	44	36	50	38	31	37	33	29	28	22	35	27	23	30	32	32	32	30	34	29	22	29	33	34	37	53	55	34.4

Daily River Stages for December, 1947

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	2.6	2.1	1.9	2.0	1.9	2.4	2.9	6.0	7.7	7.5	7.1	5.1	4.5	4.5	4.2	4.6	5.6	5.5	4.8	4.2	3.9	3.5	3.3	3.0	2.7	2.7	3.2	2.8	2.4	2.2	2.0
Van Buren	do	22	2.7	2.2	2.1	2.2	2.0	2.5	3.2	6.1	7.9	7.7	7.3	5.4	4.7	4.5	4.2	4.6	5.7	5.6	4.9	4.3	4.0	3.6	3.4	3.1	2.8	2.8	3.2	2.9	2.4	2.3	2.0
Danville	Petit Jean	20	2.8	2.8	2.8	2.8	2.8	2.9	3.0	17.5	15.8	14.7	15.8	15.7	9.1	6.4	6.3	13.9	15.4	16.1	13.6	8.1	6.8	6.6	6.2	6.0	5.8	4.5	4.4	4.3	4.3	4.2	3.8
Ozark	Arkansas	22	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.7	3.1	4.4	4.2	3.4	2.3	2.0	1.6	1.6	1.4	2.5	2.4	1.8	1.4	1.2	1.0	0.8	0.6	0.4	0.3	0.3	0.3	0.3	0.2
Dardanelle	do.	22	1.6	1.4	1.3	1.0	1.0	1.1	1.7	2.9	4.2	5.5	6.0	5.5	4.7	3.7	3.3	3.9	4.0	4.2	4.3	4.1	3.5	3.1	2.7	2.4	2.2	2.0	1.8	1.1	1.1	1.1	1.2
Morrilton	do.	20	-4.0	-4.2	-4.4	-4.7	-5.0	-4.8	-4.7	-2.7	-0.8	0.4	1.4	1.3	0.6	-0.6	-1.4	-0.9	-0.3	-0.2	0.0	0.0	-0.4	-1.2	-2.0	-2.6	-3.0	-3.2	-3.5	-3.8	-4.0	-4.0	-3.9
Little Rock	do.	23	1.2	1.2	1.0	0.9	0.9	0.8	0.9	2.0	3.6	4.6	5.3	5.7	5.4	4.6	3.8	3.9	4.2	4.8	4.9	4.8	4.6	4.0	3.3	2.8	2.5	2.2	1.9	1.7	1.5	1.5	1.4
Pine Bluff	do.	25	2.0	1.5	1.4	1.3	1.1	1.0	0.8	1.1	2.6	5.3	6.5	7.2	7.5	6.9	6.5	5.4	5.5	6.3	6.6	6.7	6.6	6.2	5.4	4.6	3.9	3.4	3.1	2.5	2.2	1.9	1.8
Gilbert	Buffalo	30	3.7	3.7	3.7	3.7	3.7	3.6	3.7	3.7	4.7	4.5	4.3	4.2	4.0	4.0	4.0	4.1	4.3	4.2	4.2	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
Black Rock	Black	14	2.6	2.5	2.5	2.4	2.5	2.5	3.4	6.6	5.0	4.9	4.8	3.7	3.6	3.4	3.2	5.4	5.6	5.2	5.0	4.9	4.8	4.3	4.0	4.0	3.7	3.6	3.3	3.3	3.1	2.9	2.8
Forsyth, Mo.	White	30	0.9	0.9	0.9	0.9	0.9	1.1	1.0	0.8	2.4	2.2	1.0	0.9	1.1	0.9	0.8	0.9	0.9	1.0	0.9	0.9	1.0	0.9	0.8	0.8	0.8	0.8	0.8	1.4	0.9	0.9	0.9
Cotter	do	21	1.8	1.9	1.9	2.0	1.9	2.0	2.0	1.9	2.0	2.0	2.3	2.3	2.0	1.9	2.0	2.2	2.2	2.0	2.0	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.7	1.7	1.7	1.7	1.5
Calico Rock	do	18	0.5	1.5	1.6	1.5	1.4	1.8	1.7	1.0	1.7	1.9	1.8	2.0	2.1	1.5	1.1	1.0	2.1	2.3	1.9	2.1	2.0	1.2	2.1	1.5	1.7	1.4	1.6	1.2	0.6	1.4	1.4
Lock 3	do	..	6.8	6.3	6.8	6.8	6.8	7.1	7.2	7.4	6.9	7.4	7.6	7.6	7.6	7.6	7.1	8.0	8.0	7.8	8.0	7.8	7.6	7.2	7.4	7.8	7.2	7.0	7.0	7.1	6.9	6.4	6.9
Batesville	do	23	6.1	5.0	6.1	6.3	6.2	6.2	7.0	8.1	6.5	6.7	6.8	6.8	6.9	6.9	6.8	7.8	7.9	7.4	7.4	7.2	7.0	6.8	6.1	6.9	6.5	6.5	5.8	6.4	6.2	5.2	6.1
Newport	do	26	2.1	1.8	1.4	1.8	2.1	2.0	2.1	5.1	6.3	5.6	5.0	4.5	4.1	3.9	3.6	4.5	6.3	6.2	5.7	5.5	5.0	4.5	4.0	3.8	3.9	3.5	3.1	2.9	2.9	2.4	2.0
Augusta	do	32	13.6	13.6	13.2	13.1	13.3	13.4	13.5	14.4	18.3	19.3	18.8	18.0	17.5	16.9	16.6	16.5	18.1	19.5	19.5	19.0	18.6	18.1	17.5	16.9	16.6	16.5	16.1	15.5	15.2	15.0	14.5
Sugar Loaf Mt.	Little Red.	..	4.1	4.0	3.9	3.8	3.9	4.1	4.6	9.5	8.6	7.1	6.4	6.3	6.2	6.1	6.0	8.7	9.5	7.9	7.1	6.7	6.3	6.3	6.1	5.9	5.6	5.3	5.0	4.9	4.8	4.7	4.6
Georgetown	White	21	3.6	3.5	3.4	3.1	3.1	3.2	3.4	7.0	10.4	11.0	10.5	9.6	8.8	8.2	7.5	7.7	9.5	11.0	11.3	10.4	9.7	9.3	8.8	8.2	7.6	7.2	6.8	6.2	5.7	5.4	5.0
Des Arc	do	24	6.0	5.8	5.6	5.3	5.2	5.3	5.4	6.7	10.7	12.7	13.0	12.7	12.3	12.0	11.0	10.8	11.7	13.0	13.4	13.2	12.8	12.4	12.0	11.5	10.7	10.0	9.5	9.0	8.3	7.9	7.4
Clarendon	do	26	12.9	12.6	12.3	12.1	11.8	11.6	11.6	11.6	13.2	15.6	16.9	17.5	17.6	17.4	17.1	16.8	16.7	17.2	18.0	18.5	18.7	18.6	18.5	18.1	17.8	17.2	16.7	16.2	15.7	15.1	14.7
St. Charles	do	25	12.7	12.6	12.1	11.9	11.8	11.2	10.9	11.2	12.0	13.5	15.0	16.0	16.5	16.6	16.3	16.2	15.9	16.0	16.5	16.9	17.2	17.5	17.4	17.3	16.9	16.5	16.0	15.6	15.0	14.6	14.1
Glenwood	Caddo	..	5.2	5.0	5.0	5.4	5.6	5.4	6.1	6.1	6.0	5.5	5.3	5.2	5.2	5.2	5.6	5.8	5.7	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3
Arkadelphia	Ouachita	17	4.6	6.1	5.3	6.6	7.1	7.3	4.8	9.9	14.3	15.8	13.2	9.7	7.8	7.4	5.8	12.6	15.3	14.9	11.5	9.8	8.3	7.4	7.4	7.3	7.0	5.0	4.6	5.3	5.5	6.6	6.5
Boughton	Little Mo.	20	7.4	7.1	6.8	6.6	9.4	11.3	11.5	12.4	14.3	16.2	15.8	12.8	10.8	9.0	9.4	14.5	17.1	18.0	17.0	15.5	10.6	10.0	9.0	8.2	8.0	8.0	7.2	6.8	6.6	6.5	6.4
Camden	Ouachita	26	11.8	10.3	9.2	9.9	8.8	10.8	12.5	12.9	15.2	19.6	22.5	24.2	24.3	23.0	21.4	19.1	20.2	23.3	25.1	25.8	25.4	25.0	23.6	21.3	18.2	15.6	12.9	11.0	9.1	9.4	9.4
Benton	Saline	20	5.6	5.3	5.2	5.0	5.0	5.2	7.8	13.2	9.1	8.3	7.0	5.3	5.0	5.1	5.3	14.3	10.1	8.9	7.4	6.9	6.8	6.9	6.9	6.7	6.6	6.5	6.3	6.0	5.6	5.4	5.4
Index	Red	25	6.7	6.8	6.4	6.4	6.4	6.4	6.8	7.6	6.8	13.8	14.2	14.0	10.9	10.2	10.2	11.8	13.6	13.6	13.6	12.6	10.6	9.9	9.4	9.4	9.1	9.0	8.2	8.2	8.2	9.0	7.5
Fulton	do	25	8.6	8.7	8.7	8.0	8.6	9.6	10.2	11.1	12.8	16.3	18.0	17.8	16.9	16.4	15.7	15.7	16.3	17.6	18.2	17.7	16.6	15.6	14.5	13.2	12.0	10.9	10.0	10.0	10.0	9.4	9.2
St. Francis	do	18	9.1	8.6	7.9	7.1	6.3	5.7	5.8	8.5	8.5	8.2	7.3	6.6	6.3	6.8	7.3	9.9	11.8	12.4	12.7	13.0	12.9	12.6	12.1	11.5	11.0	10.5	10.0	9.6	9.3	8.9	8.6
St. Francis L.L.	do	..	19.8	19.8	19.8	20.2	20.4	20.5	20.6	20.7	20.9	19.9	21.1	21.5	21.7	21.8	21.8	21.7	21.4	21.1	20.9	21.2	21.4	21.5	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8
Marked Tree	do	17	4.6	4.7	4.7	2.5	1.7	1.6	1.6	1.6	2.0	4.0	2.5	2.1	2.1	2.0	2.0	5.0	5.2	6.7	6.9	2.9	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.8
Parkin	do	28	5.0	4.9	4.9	4.9	4.4	3.4	3.2	3.1	3.9	4.3	4.7	4.9	4.7	4.7	4.7	5.5	7.1	7.8	8.1	8.0	6.7	5.6	5.1	5.0	5.1	5.1	5.1	5.1	5.2	5.2	5.3
Madison	do	32	3.9	3.7	3.7	3.8	3.8	3.8	3.5	3.1	3.4	4.5	5.0	5.3	5.5	5.5	5.7	6.2	6.6	7.0	7.3	7.7	7.5	7.0	6.0	5.5	5.2	5.2	5.4	5.8	5.9	6.0	6.2
Helena	Mississippi	44	8.2	8.3	8.5	8.6	8.4	7.6	6.8	6.1	5.4	5.2	6.2	8.1	9.6	11.0	11.9	12.1	11.8	11.2	11.0	11.1	11.2	11.2	10.8	10.3	10.0	10.0	9.6	8.8	7.7	6.3	6.2
Arkansas City	do	42	7.3	7.2	7.2	7.3	7.3	7.1	6.4	5.8	5.0	4.4	4.3	5.8	7.7	9.3	10.6	10.9	11.1	11.0	10.6	10.5	10.6	10.7	10.6	10.3	9.8	9.5	9.3	8.9	8.3	7.4	6.4

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio: Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1. Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana: Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3. Morrilton: Mulberry, Route 1, Mulberry; Odell, Route 1, Canehill; Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley; Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O., Fort Worth, Texas. 2-12-1948-1225

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LII   LITTLE ROCK, ARK., YEAR, 1947   No. 13

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GENERAL SUMMARY

Temperatures over most of the year were comparatively mild for their season, and did not get out of line, except for the months of August, September, and October. September came to the front by breaking more than 30 individual station records for high temperatures. October was the warmest October of record.

Eight persons were reported to have died of heat-stroke during August and September; several more were killed during those months when struck by lightning.

The average temperature for 1947 was 60.8°, 0.6° below the 57-year average. The extremes of 112° in September, and the —4° in January were far less severe than the 120° and —29° recorded in previous years.

Precipitation during the first three months was 6.69 inches below normal, and accounts for most of 7.80 inches deficit at the end of the year. Only 4 stations, Arkansas City, Crossett, Grannis, and Prescott reported an excess in precipitation for the year. Of these, Grannis reported the greatest amount with 61.42 inches.

The lack of precipitation in January, February, March, and then July and August definitely cut the final yield of all crops. Several crops, particularly tomatoes, were practically eliminated by the drought.

The average Precipitation for 1947 was 40.65 inches, 7.80 inches below the 57-year average. This was the fifth driest year of record. The record low was the drought-year of 1936 with 34.75 inches.

RIVERS IN 1947

Floods were minor during 1947 and little damage was reported.

TORNADOES IN 1947

Several widely scattered tornadoes and severe thunderstorms occurred over the State during the year, with accumulated loss as follows: 52 killed, 496 injured, and monetary damage of $2,045,980,00. See weather by months for breakdown.

WEATHER BY MONTHS

JANUARY temperatures were slightly above normal, and compartively mild throughout the month. The lowest reported was —4° by Gravette on the 4th; this was also the lowest for the entire year for Arkansas. Precipitation was about half of normal, but crops were in good condition due to heavy rain in November and December of 1946. A tornado hit North-Central Arkansas on the 29th, injuring 12 and damaging property $168,480,00.

FEBRUARY was the sixth coldest of record, and the second driest. These two factors resulted in considerable damage to

COMPARATIVE ANNUAL DATA FOR ARKANSAS

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip.01 or more	Clear	Partly cloudy	Cloudy
1891	60.5	108	6	44.49	....	94	180	94	91
1892	60.0	106	−14	57.75	8.7	98	159	98	109
1893	60.7	103	−13	47.91	6.4	75	185	95	85
1894	61.3	108	−22	49.05	5.9	75	176	97	92
1895	59.8	105	−17	44.69	10.5	83	167	92	106
1896	62.8	112	4	37.72	2.9	79	171	97	98
1897	62.3	111	−2	46.13	3.9	76	178	96	91
1898	61.4	108	−4	56.82	3.0	89	158	106	101
1899	60.6	112	−25	41.49	6.6	76	170	105	90
1900	62.0	108	−5	49.03	2.2	92	150	120	95
1901	61.1	116	−6	35.27	2.9	65	175	111	79
1902	60.5	108	−2	51.70	8.3	81	150	121	94
1903	59.3	105	−12	44.62	4.3	84	162	107	96
1904	60.5	105	−5	43.45	2.9	78	169	112	85
1905	59.6	106	−29	62.17	12.1	103	146	107	112
1906	60.3	101	−7	55.99	4.3	95	156	96	113
1907	61.9	113	−8	49.73	2.0	86	163	91	111
1908	62.1	103	0	48.88	2.2	92	158	100	108
1909	62.1	111	−19	44.05	6.5	83	176	93	96
1910	61.0	105	−13	45.21	11.0	84	172	109	84
1911	62.8	107	−9	49.54	1.7	95	152	117	96
1912	59.8	106	−16	45.83	7.8	81	171	110	85
1913	61.6	108	−1	54.01	5.6	89	158	107	100
1914	61.4	110	−11	42.85	8.6	82	149	109	107
1915	60.6	107	−3	53.08	4.7	82	163	81	121
1916	61.9	107	−16	42.18	6.3	75	191	76	99
1917	59.2	106	−21	40.72	12.1	75	187	74	104
1918	61.4	115	−23	44.64	18.3	75	174	76	115
1919	61.6	113	−10	54.52	3.4	91	166	75	124
1920	60.7	105	−2	54.28	2.5	90	174	74	118
1921	64.2	107	−3	47.46	11.9	83	178	85	102
1922	62.7	111	7	46.50	2.6	87	170	83	112
1923	61.6	109	2	59.85	2.3	102	160	82	123
1924	60.1	110	−8	37.03	7.9	74	193	68	105
1925	63.0	113	−6	42.19	2.2	74	184	81	100
1926	61.3	110	−17	49.24	6.0	88	175	79	111
1927	63.1	105	−2	65.85	2.4	99	161	85	119
1928	61.1	105	−10	50.50	0.9	86	183	76	107
1929	60.5	110	−20	46.10	13.9	98	162	83	120
1930	61.7	115	−28	46.62	5.9	78	192	75	98
1931	62.5	107	0	46.98	0.8	94	172	82	111
1932	62.0	108	−5	51.11	4.4	95	175	85	106
1933	63.2	109	−13	49.08	3.4	93	171	84	110
1934	62.8	116	2	42.47	2.4	81	190	84	91
1935	61.4	113	−11	57.01	3.7	93	154	90	121
1936	62.0	120	−15	34.75	6.1	71	188	85	93
1937	61.1	111	0	55.20	1.9	102	154	90	121
1938	63.6	109	4	48.25	0.3	81	176	95	94
1939	62.7	112	4	50.16	5.1	89	179	89	97
1940	59.3	104	−14	44.85	9.8	97	165	85	116
1941	61.9	107	5	46.28	4.2	96	146	109	110
1942	61.0	106	−21	49.71	8.3	94	153	101	111
1943	61.6	113	−9	35.01	2.5	70	171	100	94
1944	61.7	108	−15	55.12	9.6	95	157	97	112
1945	60.8	106	−12	67.56	4.9	107	142	96	127
1946	62.6	109	4	58.42	4.9	95	153	98	114
1947	60.8	112	−4	40.65	3.8	80	......	....	......
Period	61.4	120	−29	48.45	5.5	86	......	....	......

TEMPERATURE AND PRECIPITATION FOR ARKANSAS, 1947

Month	Temperature, in degrees Fahrenheit				Precipitation, inches					Sky			Prevailing direction of the wind
	Mean	Departure	Highest	Lowest	Average	Departure	Greatest Mo. amount	Amt. Snow	Number of rainy days	Clear	Pt. cloudy	Cloudy	
January	42.5	+1.3	81	−4	2.33	−1.93	8.58	0.9	9				
February	37.2	−6.4	80	1	0.78	−2.71	3.85	1.8	3				
March	45.0	−7.5	79	5	2.69	−2.05	7.26	0.9	8				
April	61.9	+0.3	89	26	5.74	+0.71	9.03	0	9				
May	67.4	−1.6	95	35	5.50	+0.44	9.47	0	9				
June	76.7	−0.4	101	39	3.88	−0.21	10.27	0	7				
July	78.3	−2.2	109	41	1.25	−2.42	4.66	0	3				
August	84.5	+4.3	111	56	2.20	−1.33	11.53	0	4				
September	76.0	+1.7	112	36	3.28	−0.05	7.50	0	5				
October	68.3	+5.4	95	35	3.72	+0.55	8.91	0	6				
November	47.7	−3.6	82	17	5.06	+1.21	9.18	T.	11				
December	44.2	+1.4	78	10	4.22	−0.01	8.52	0.2	6				
Annual	60.8	−0.6	112	−4	40.65	−7.80	11.53	3.8	80				

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Climatological Data for Year, 1947

Stations	Counties	Elevation, feet	Temperature, Degrees Fahrenheit: Length of record, years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record, years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall unmelted	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Alum Fork†	Saline	755	10	....	106	July 31†	10	Feb. 10	10	....	....	....	....	....	3.0	....				
Arkadelphia	Clark	200	9	61.6	109	Aug. 8	10	Feb. 10	51	46.81	6.24	Apr.	0.67	July	2.0	102				
Arkansas City	Desha	145	....	....	....	....	....	....	62	56.09	8.99	June	0.92	Aug.	....	102				
Ashdown	Little River	329	2	61.3	107	Aug. 9†	7	Jan. 4	2	45.04	7.14	May	1.15	Feb.	1.0	93				
Batesville Airway	Independence	363	10	59.7	108	Sept. 1	10	Feb. 8	10	39.27	7.38	Dec.	0.62	Aug.	6.0	100				
Batesville Livestock	Independence	571	6	....	....	....	....	....	6	....	....	....	....	....	....	....				
Batesville River	Independence	277	....	....	....	....	....	....	47	40.81	6.85	Oct.	0.46	Feb.	12.1	92				
Bee Branch	Van Buren	650	53	....	110	Aug. 31	....	....	54	40.46	8.26	Dec.	0.22	Aug.	....	....				
Benton	Saline	285	10	....	107	Aug. 8	6	Feb. 10	11	39.03	7.24	Apr.	0.32	Feb.	4.0	92				
Bentonville	Benton	1295	41	57.2	105	July 31†	− 3	Jan. 4	41	35.96	7.06	Apr.	0.29	Feb.	6.2	89				
Bethesda†	Independence	483	7	....	109	Sept. 5	....	....	7	....	....	....	....	....	....	....				
Big Lake Outlet†	Mississippi	239	....	....	....	....	....	....	16	37.00	5.98	Oct.	0.14	Aug.	8.0	100				
Black Rock	Lawrence	259	....	....	....	....	....	....	45	35.43	6.24	Apr.	0.18	Feb.	1.0	60				
Blytheville	Mississippi	252	21	....	105	Aug. 4†	9	Feb. 8	21	34.62	5.23	Apr.	0.17	Aug.	8.0	75				
Booneville	Logan	465	31	62.5	109	July 31†	6	Jan. 4	32	32.88	6.12	Dec.	0.20	Feb.	1.2	77				
Boughton†	Nevada	235	....	....	....	....	....	....	11	55.16	8.99	May	0.48	July	T.	65				
Brinkley	Monroe	198	59	61.6	106	Sept. 1	11	Feb. 10	59	39.27	7.19	Nov.	0.49	Feb.	2.8	79				
Calico Rock	Izard	361	....	....	....	....	....	....	42	29.44	5.00	May	0.18	Feb.	2.8	91				
Camden	Ouachita	116	55	....	....	....	12	Feb. 10†	61	....	....	....	....	....	....	....				
Camp Chaffee	Sebastian	419	2	61.1	107	July 31	8	Jan. 4†	2	31.67	5.56	Apr.	0.12	Feb.	1.5	88				
Clarendon	Monroe	172	....	....	....	....	....	....	42	38.10	8.10	Nov.	0.27	July	2.5	99				
Conway	Faulkner	309	50	62.0	112	Sept. 1	11	Feb. 10	63	37.69	7.52	Dec.	0.17	Aug.	6.9	84				
Corning	Clay	293	46	59.6	105	Aug. 4†	9	Feb. 8	53	40.99	6.41	Apr.	0.33	Feb.	8.2	88				
Cotter	Baxter	440	....	....	....	....	....	....	19	29.61	4.75	May	0.57	Feb.	7.3	74				
Crossett	Ashley	175	23	63.1	105	Sept. 1†	11	Feb. 10	34	53.09	7.26	Apr.	0.41	July	2.5	87				
Cummins Farm	Lincoln	176	2	....	105	Sept. 6	....	....	2	45.07	10.27	June	0.95	July	T.	49				
Danville	Yell	327	....	....	....	....	....	....	30	33.63	5.51	May	0.28	July	5.4	92				
Dardanelle	Yell	330	37	62.6	108	Aug. 4†	10	Feb. 10	60	38.86	7.57	Nov.	0.51	Feb.	1.3	92				
DeQueen	Sevier	426	11	....	107	Aug. 8	8	Jan. 4	11	....	....	....	....	....	1.0	....				
Des Arc	Prairie	204	6	....	....	....	11	Feb. 8†	9	....	....	....	....	....	2.0	....				
Devils Knob†	Johnson	2350	10	....	....	....	1	Jan. 4†	10	....	....	....	....	....	11.7	....				
Dumas	Desha	162	32	63.2	106	Sept. 1†	14	Feb. 10	41	47.42	6.98	Apr.	0.64	Aug.	2.5	93				
El Dorado	Union	270	42	62.9	106	Aug. 7	15	Feb. 10	46	51.46	9.03	Apr.	0.48	July	T.	83				
Eureka Springs	Carroll	1465	45	59.0	106	July 31	1	Jan. 4	46	37.19	6.25	May	0.65	July	8.0	85				
Fayetteville	Washington	1425	9	....	....	....	2	Jan. 4	9	....	....	....	....	....	2.3	....				
Fayetteville Exp	Washington	1451	55	57.8	105	Aug. 9	− 1	Jan. 4	59	40.01	7.08	May	0.23	Feb.	1.7	86				
Fordyce	Dallas	280	5	64.1	110	Sept. 1	15	Feb. 10	5	50.31	9.18	Nov.	0.55	July	0.7	98				
Fort Smith	Sebastian	448	65	61.2	108	Aug. 9	7	Jan. 4	65	35.16	6.19	May	0.11	July	1.3	86				
Ft. Smith Water Plant†	Crawford	793	....	....	....	....	....	....	8	45.49	9.24	June	T.	Feb.	T.	74				
Fulton	Hempstead	260	....	....	....	....	....	....	61	42.66	6.85	Aug.	0.18	July	T.	83				
Garland	Miller	235	....	....	....	....	....	....	3	....	....	....	....	....	....	....				
Georgetown	White	200	....	....	....	....	....	....	34	39.51	7.87	May	0.23	Feb.	5.0	85				
Gilbert	Searcy	600	11	57.4	109	July 31†	4	Feb. 10	21	27.74	5.41	Apr.	0.25	Feb.	4.2	88				
Glenwood	Pike	547	....	....	....	....	....	....	11	....	....	....	....	....	....	....				
Grannis	Polk	950	26	59.7	107	Aug. 9	6	Jan. 3	27	61.42	11.53	Aug.	0.72	Feb.	2.5	92				
Gravette	Benton	1250	48	58.2	106	Aug. 9	− 4	Jan. 4	49	36.58	6.87	June	0.26	Feb.	T.	65				
Green Mountain†	Stone	1100	7	....	105	July 31†	....	....	7	29.55	5.36	Apr.	0.67	Feb.	11.5	48				
Harrison	Boone	1052	45	57.3	105	Sept. 4†	4	Jan. 4†	46	28.96	5.31	June	0.41	Feb.	3.9	75				
Helena	Phillips	300	48	61.8	102	Aug. 4†	12	Feb. 9†	74	37.72	6.78	Nov.	1.05	Feb.	4.7	102				
Hope	Hempstead	375	40	62.1	108	Aug. 10	13	Feb. 10	76	49.15	10.41	Aug.	0.14	July	T.	104				
Hot Springs	Garland	760	49	63.6	109	Aug. 9	12	Jan. 4	55	43.36	6.88	Oct.	0.86	Feb.	3.2	95				
Index†	Little River	275	....	....	....	....	....	....	29	....	....	....	....	....	T.	....				
Jonesboro	Craighead	345	50	59.6	105	Sept. 1†	9	Feb. 8	51	42.18	7.87	Oct.	0.85	Feb.	12.1	96				
Lead Hill	Boone	650	29	58.1	110	Sept. 4	4	Feb. 10	40	32.72	5.32	May	0.45	Feb.	7.4	63				
Little Rock	Pulaski	265	67	61.6	106	Sept. 1	13	Feb. 10	67	43.36	6.87	May	0.51	Feb.	2.5	95				
Lutherville†	Johnson	775	48	....	108	Aug. 8	6	Jan. 4	47	....	....	....	....	....	4.0	....				
Madison	St. Francis	209	....	....	....	....	....	....	16	43.38	6.78	Nov.	0.45	July	1.5	75				
Magnolia	Columbia	315	27	64.3	108	Aug. 7†	17	Jan. 5†	30	43.11	5.61	Apr.	1.45	July	T.	69				
Mammoth Spring	Fulton	600	41	57.3	105	July 31†	6	Feb. 10	42	31.60	4.83	Apr.	0.40	Feb.	5.0	78				
Marianna	Lee	234	34	60.5	105	Sept. 1	15	Feb. 8†	35	35.54	5.82	Jan.	0.65	Feb.	2.0	75				
Marked Tree	Poinsett	229	30	59.3	105	Aug. 5	9	Feb. 8†	42	47.37	8.28	Oct.	0.77	Aug.	11.1	85				
Marshall	Searcy	1050	26	59.1	105	July 31†	5	Jan. 4	27	29.43	6.99	Apr.	0.29	Feb.	5.9	75				
Mena	Polk	1207	54	61.0	108	July 17†	3	Jan. 4	58	46.98	7.19	Aug.	0.21	July	5.7	93				
Monticello	Drew	273	10	63.0	106	Sept. 1	14	Feb. 10	10	50.08	7.19	Nov.	0.17	July	1.0	103				
Morrilton†	Conway	315	24	60.0	108	Sept. 2	12	Jan. 4†	27	34.56	6.37	Dec.	0.21	Feb.	3.7	67				
Mountainburg	Crawford	712	....	....	....	Aug.	....	Feb.	9	45.91	9.74	June	0.11	Feb.	T.	72				
Mountain Home	Baxter	800	29	58.5	106	Sept. 4†	5	Jan. 4	34	29.36	5.20	Dec.	0.65	Feb.	7.5	67				
Mount Ida	Montgomery	702	31	59.6	109	Aug. 8†	3	Feb. 10	47	45.62	8.52	Dec.	0.27	Feb.	5.3	80				
Mulberry†	Franklin	433	....	....	....	....	....	....	8	42.19	9.32	June	T.	Feb.	1.0	70				
Nashville	Howard	350	8	62.4	107	Aug. 7†	12	Jan. 4†	8	48.59	8.88	May	0.83	Feb.	2.5	95				
Newport	Jackson	231	58	61.2	109	Sept. 7	11	Feb. 8	63	39.93	7.92	Oct.	0.62	Aug.	7.7	96				
Nimrod Dam†	Perry	475	4	60.5	107	July 30†	7	Feb. 10	4	34.37	5.69	May	0.40	July	2.4	85				
Oden	Montgomery	800	10	61.0	106	July 17†	13	Jan. 3	19	43.73	7.50	Sept.	0.50	June	2.8	60				
Okay	Howard	288	18	63.8	108	Aug. 7†	11	Feb. 10	18	47.90	8.96	May	1.07	July	T.	82				
Osceola	Mississippi	250	....	....	....	....	....	....	8	....	....	....	....	....	....	....				
Ozark	Franklin	396	49	60.9	110	Sept. 2	9	Jan. 4	51	36.83	5.68	Apr.	0.06	Feb.	0.7	80				
Paragould	Greene	275	8	....	....	....	....	....	21	....	....	....	....	....	....	....				
Parkin	Cross	222	....	....	....	....	....	....	16	46.51	8.21	June	0.59	Feb.	5.8	83				
Perryville	Perry	325	6	60.8	109	Sept. 6	9	Feb. 10	6	37.10	7.60	Dec.	0.57	July	5.5	59				
Pine Bluff	Jefferson	215	58	63.5	108	Aug. 7	16	Feb. 8†	59	45.87	8.75	May	0.33	July	2.0	100				
Pine Ridge	Montgomery	840	....	....	....	....	....	....	22	47.13	7.31	Dec.	0.79	Feb.	5.5	83				
Pocahontas	Randolph	309	52	59.8	107	Sept. 7	8	Feb. 8	53	42.92	7.82	May	0.45	Feb.	9.6	85				
Portland	Ashley	122	40	64.0	105	Sept. 4†	17	Feb. 8	40	47.43	8.58	Jan.	0.44	Aug.	0.8	74				
Prescott	Nevada	318	57	64.5	108	Aug. 7†	14	Feb. 4†	58	52.14	7.05	Nov.	0.54	July	1.5	96				
Rogers	Benton	1300	51	58.4	105	Aug. 9†	− 1	Jan. 4	56	39.26	6.72	Apr.	0.29	Feb.	6.1	84				
Russellville	Pope	526	36	62.1	110	Sept. 1	10	Feb. 10	34	36.59	7.16	Dec.	0.62	Aug.	5.0	73				
St. Charles	Arkansas	175	10	62.1	105	Aug. 8†	14	Feb. 10	13	39.50	7.31	Nov.	0.72	July	0.5	95				
St. Francis	Clay	290	....	....	....	....	....	....	19	35.56	6.57	Apr.	0.41	Feb.	4.5	84				
Searcy	White	245	33	61.7	109	Sept. 7	12	Feb. 8†	36	41.80	7.84	Oct.	0.66	Feb.	5.0	104				
Sheridan	Grant	237	5	....	....	....	12	Feb. 10	5	....	....	....	....	....	3.7	....				
Siloam Springs	Benton	1150	5	58.4	105	Aug. 9†	− 2	Jan. 4	5	35.90	6.73	Apr.	0.27	Feb.	2.9	92				
Story	Montgomery	650	....	....	....	....	....	....	22	....	....	....	....	....	....	....				

Climatological Data for Year, 1947

Stations	Counties	Elevation, feet	Temperatures, degrees Fahrenheit: Length of record years	Annual mean	Highest	Date	Lowest	Date	Precipitation, inches: Length of record years	Total for year	Greatest monthly amount	Month	Least monthly amount	Month	Total snowfall	Number of days: With precipitation 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind
Stuttgart	Arkansas	214	57	......	104	Aug. 7†	......	......	60	......	......	......	......	......	......	......				
Stuttgart Evap	Arkansas	198	11	60.9	104	Aug. 8	13	Feb. 10	12	36.99	6.28	Nov.	0.67	Aug.	2.5	95				
Subiaco	Logan	750	50	60.8	108	July 31	7	Jan. 4	50	35.36	6.64	Apr.	0.46	Feb.	0.5	63				
Texarkana	Miller	268	61	63.8	106	Aug. 9	13	Jan. 4	62	43.10	7.17	Dec.	0.39	July	T.	96				
Turnpike †	Pope	2240	11	......	101	Sept. 1	1	Jan. 4	23	45.69	8.05	Apr.	0.26	Feb.	7.3	103				
Waldron	Scott	675	9	60.9	109	Aug. 9	4	Jan. 4	28	36.57	7.58	Dec.	0.30	July	5.0	63				
Warren	Bradley	206	51	64.0	106	Aug. 7†	15	Feb. 10	53	42.20	7.90	Apr.	0.10	July	T.	79				
Whitecliffs	Little River	290	..	......	......	......	......	......	40	42.93	7.22	May	0.69	July	1.2	70				
White Rock †	Franklin	2285	11	58.2	105	Sept. 1	0	Jan. 4	11	49.18	8.02	June	0.25	Feb.	4.8	84				
Wilson	Mississippi	237	22	......	......	......	......	......	22	......	......	......	......	......	......	......				
Wynne	Cross	167	39	......	......	......	......	......	39	......	......	......	......	......	......	......				

Monthly and Annual Precipitation for the Year 1947, with Departure from the Normal

Stations	January Precipitation	January Departure	February Precipitation	February Departure	March Precipitation	March Departure	April Precipitation	April Departure	May Precipitation	May Departure	June Precipitation	June Departure	July Precipitation	July Departure	August Precipitation	August Departure	September Precipitation	September Departure	October Precipitation	October Departure	November Precipitation	November Departure	December Precipitation	December Departure	Annual Precipitation	Annual Departure
Abbott	0.37	......	0.14	......	2.31	......	6.22	......	4.68	......	2.22	......	0.23	......	1.29	......	5.21	......	2.18	......	3.10	......	3.05	......	31.00	......
Alum Fork Reser.	2.14	−1.44	0.18	−4.93	1.97	−3.72	6.21	−1.19	......	......	3.97	−0.72	0.22	−2.98	0.58	−3.70	2.34	0.00	3.09	+0.33	4.91	−0.36	6 35	+2.53	......	......
Aplin	1.80	......	0.46	......	2.26	......	3.95	......	4.67	......	3.26	......	1.31	......	3.33	......	1.81	......	3.17	......	4.65	......	5.91	......	36.58	......
Arkadelphia	2.79	−1.84	0.75	−3.07	4.37	−0.51	6.24	+1.01	4.10	−1.10	4.56	+0.07	0.67	−3.04	4.67	+1.02	3.12	+0.35	5.31	+2.22	6.20	+2.35	4.03	−1.01	46.81	− 3.55
Arkansas City	7.42	+2.59	2.01	−2.39	4.49	−1.10	6.02	+1.21	4.65	+0.13	8.99	+5.29	1.64	−1.97	0.92	−2.60	7.65	+4.84	2.66	+0.19	6.12	+2.09	3.52	−1.76	56.09	+ 6.52
Ashdown	2.68	......	1.15	......	4.05	......	6.08	......	7.14	......	2.63	......	1.37	......	2.97	......	3.20	......	3.42	......	4.98	......	5.37	......	45.04	......
Augusta	2.24	......	0.85	......	3.23	......	4.51	......	5.89	......	3.66	......	1.26	......	1.29	......	1.63	......	8.91	......	5.83	......	2.68	......	41.98	......
Batesville Airway	2.21	......	0.71	......	1.55	......	4.36	......	4.78	......	3.46	......	1.59	......	0.62	......	3.15	......	5.06	......	4.40	......	7.38	......	39.27	......
Batesville, Livestk	0.47	......	0.35	......	......	......	3.74	......	......	......	......	......	......	......	1.00	......	2.55	......	3.44	......	......	......	......	......	......	......
Batesville, River	2.16	−2.20	0.46	−3.00	1.87	−2.09	4.36	−0.52	4.68	−0.25	2.90	−1.08	2.20	−1.28	1.30	−2.81	3.91	+0.37	6.85	+3.63	5.35	+1.90	4.77	+0.81	40.81	− 6.52
Beaty Lake	4.05	......	0.61	......	1.61	......	6.66	......	5.95	......	5.19	......	......	......	4.29	......	1.88	......	3.74	......	8.06	......	1.97	......	......	......
Beaver	1.17	......	0.22	......	1.49	......	6.53	......	6.74	......	4.43	......	1.38	......	0.88	......	5.05	......	1.10	......	3.19	......	1.01	......	33.19	......
Bee Branch	0.74	−3.54	0.83	−2.33	2.53	−2.11	3.13	−1.84	5.86	+0.66	5.67	+1.60	0.94	−2.33	0.22	−3.45	3.15	−0.04	4.59	+1.22	4.54	+1.01	8.26	+4.13	40.46	− 7.02
Beech Grove	2.98	......	0.20	......	3.79	......	5.54	......	4.00	......	6.78	......	2.12	......	2.51	......	2.46	......	5.89	......	3.98	......	4.39	......	44.64	......
Beedeville	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Benton	3.18	......	0.32	......	2.38	......	7.24	......	3.91	......	2.66	......	0.57	......	0.64	......	3.77	......	5.38	......	6.21	......	2.77	......	39.03	......
Bentonville	0.68	−1.99	0.29	−1.98	1.89	−1.54	7.06	+2.32	6.40	+1.31	6.00	+0.80	1.25	−2.04	2.29	−1.75	4.05	−0.17	1.99	−2.00	3.12	−0.16	0.94	−1.52	35.96	− 8.72
Bethesda	0.60	......	0.50	......	1.70	......	4.42	......	5.05	......	2.03	......	2.55	......	0.53	......	2.64	......	4.23	......	4.96	......	......	......	......	......
Big Flat	1.75	......	0.26	......	0.78	......	4.45	......	5.02	......	2.18	......	2.19	......	1.21	......	1.75	......	2.48	......	5.03	......	3.01	......	30.11	......
Big Lake Outlet	3.15	−1.92	0.52	−2.13	2.52	−1.70	4.62	+0.80	4.48	+1.13	4.33	+1.65	1.71	−1.46	0.14	−2.47	1.23	−1.81	5.98	+3.41	5.31	+2.06	3.01	−1.69	37.00	− 4.13
Black Rock	1.27	−3.18	0.18	−3.04	1.29	−3.07	6.24	+1.11	4.64	−0.22	3.94	+0.42	0.77	−2.75	0.42	−3.69	1.77	−1.79	5.44	+2.18	4.48	+0.48	4.99	+1.13	35.43	−12.42
Blytheville	2.93	−2.50	1.10	−2.16	1.97	−2.64	5.23	+0.76	3.77	+0.18	4.50	+0.83	2.59	−0.60	0.17	−3.74	1.29	−1.83	3.99	+0.91	4.38	+1.02	2.70	−1.61	34.62	−11.38
Booneville (near)	0.96	−2.77	0.20	−2.48	1.92	−1.60	6.01	+1.22	4.82	−0.56	1.68	−2.73	0.37	−2.72	0.72	−2.91	4.06	+0.74	3.27	−0.16	2.75	−0.50	6.12	+2.90	32.88	−11.57
Booneville	1.31	......	0.26	......	1.85	......	6.57	......	5.31	......	2.02	......	0.33	......	1.22	......	3.82	......	2.96	......	3.35	......	3.95	......	32.95	......
Boughton	2.94	......	0.75	......	5.25	......	6.95	......	8.99	......	3.59	......	0.48	......	4.97	......	3.38	......	6.50	......	6.49	......	4.87	......	55.16	......
Bradford	2.29	......	0.61	......	2.13	......	5.83	......	4.54	......	2.54	......	0.97	......	0.37	......	2.93	......	7.34	......	4.57	......	4.28	......	38.40	......
Brinkley	3.71	−1.49	0.49	−3.71	1.47	−3.82	5.63	+0.17	5.81	+0.42	3.17	−0.56	2.56	−1.72	1.90	−1.42	2.51	−1.47	2.76	−0.76	7.19	+3.23	2.07	−3.04	39.27	−14.17
Burdette	4.10	......	0.58	......	2.25	......	6.28	......	4.16	......	1.96	......	2.64	......	0.92	......	0.75	......	4.74	......	5.36	......	2.58	......	36.32	......
Calico Rock	1.29	−2.16	0.18	−2.49	1.15	−2.45	4.42	−0.21	5.00	+0.22	2.00	−1.80	1.65	−1.83	1.63	−2.72	2.38	−1.01	1.90	−1.42	4.48	+1.38	3.36	+0.01	29.44	−14.48
Camden	3.81	−1.08	1.68	−2.30	7.26	+2.20	5.05	+0.26	7.78	+3.47	2.98	−1.14	......	......	4.42	+1.60	......	......	2.38	−0.47	5.52	+1.11	2.61	−2.39	......	......
Camp Chaffee	1.21	......	0.12	......	2.10	......	5.56	......	4.94	......	2.89	......	0.20	......	0.71	......	4.92	......	3.53	......	2.56	......	2.93	......	31.67	......
Carlisle	1.56	......	0.71	......	1.25	......	5.31	......	6.02	......	2.23	......	0.22	......	1.00	......	4.59	......	5.70	......	5.77	......	1.81	......	36.17	......
Clarendon	3.95	−0.72	0.52	−3.50	1.71	−3.29	5.27	−0.22	5.16	+0.71	2.80	−0.76	0.27	−3.12	1.02	−2.42	4.21	+0.94	3.72	+0.68	8.10	+4.13	1.37	−3.76	38.10	−11.33
Clinton	......	......	......	......	......	......	......	......	......	......	......	......	......	......	0.37	......	5.61	......	3.27	......	6.46	......	7.97	......	......	......
Cold Springs	1.61	......	0.73	......	2.33	......	5.94	......	3.96	......	2.63	......	0.16	......	......	......	5.33	......	2.66	......	3.37	......	4.90	......	......	......
Conway	1.56	−2.85	0.84	−2.95	2.45	−2.15	5.37	+0.38	7.35	+2.18	3.36	−0.62	0.31	−3.19	0.17	−3.13	1.68	−1.67	2.35	−0.65	4.73	+0.71	7.52	+3.21	37.69	−10.73
Corning	1.75	−2.53	0.33	−3.10	1.57	−3.06	6.41	+1.42	6.05	+1.61	5.25	+1.28	1.75	−1.83	1.83	−1.76	2.55	−0.93	5.55	+2.06	4.62	+1.13	3.33	−0.36	40.99	− 6.07
Cotter	1.98	−1.09	0.57	−2.44	1.18	−1.86	4.43	+0.27	4.75	−0.23	3.07	−1.28	2.39	−0.41	1.36	−2.12	2.68	−0.41	1.68	−2.08	2.93	−0.08	2.59	−0.77	29.61	−12.50
Crossett	6.42	+0.84	3.04	−0.71	5.49	+0.34	7.26	+2.63	4.53	+0.39	4.82	+0.75	0.41	−4.21	2.32	−0.89	3.74	+1.35	5.16	+1.59	5.73	+1.52	4.17	−1.32	53.09	+ 2.28
Crystal Valley	......	......	......	......	......	......	6.94	......	4.23	......	7.25	......	0.40	......	1.55	......	3.64	......	5.68	......	......	......	3.08	......	......	......
Cummins Farm	......	......	1.90	......	3.80	......	4.30	......	3.70	......	10.27	......	0.95	......	1.00	......	5.65	......	3.10	......	8.20	......	2.20	......	45.07	......
Danville	1.12	−2.80	0.45	−2.55	2.77	−1.25	4.61	−0.48	5.51	+0 51	1.33	−2.92	0.28	−2.88	1.68	−1.52	3.84	+0.57	2.84	−1.12	4.40	+0.83	4.80	+1.05	33.63	−12.56
Dardanelle	1.03	−2.53	0.51	−2.65	2.79	−1.52	5.44	+1.06	5.65	+0.33	4.43	+0.54	1.03	−2.35	0.85	−2.69	2.69	−0.62	1.87	−1.23	7.57	+4.09	5.00	+1.46	38.86	− 6.11
De Queen	2.34	−1.38	1.20	−3.09	4.11	−0.42	6.67	+0.65	9.47	+4.18	0.79	−3.22	2.18	−1.81	7.43	+3.55	2.52	+0.16	1.71	−1.11	......	......	4.39	+0.50	......	......
Dermott	......	......	......	......	......	......	......	......	4.47	......	5.63	......	0.85	......	0.28	......	1.73	......	2.58	......	5.97	......	1 48	......	......	......
Des Arc	2.76	......	T.	......	1.78	......	5.05	......	5.96	......	2.06	......	......	......	......	......	1.95	......	5.13	......	6.08	......	1 52	......	......	......
Devil's Knob	1.47	......	0.20	......	1.57	......	6.47	......	5.55	......	5.54	......	......	......	1.49	......	5.01	......	3.95	......	4.19	......	5.56	......	......	......
Dumas	3.46	−1.52	1.54	−2.57	3.81	−2.02	6.98	+2.22	5.66	+1.00	5.94	+2.33	2.71	−1.27	0.64	−2.63	3.98	+1.01	2.19	−0.84	6.22	+1.99	4.29	−1.75	47.42	− 4.05
Eagle Gap	1.30	......	0.74	......	3.32	......	5.55	......	5.80	......	3.54	......	0.25	......	......	......	......	......	2.20	......	3.84	......	6.61	......	......	......
El Dorado	3.75	−0.84	2.99	−1.24	6.11	+0.95	9.03	+3.82	4.27	−0.43	2.86	−0.90	0.48	−3.96	3.36	+0.07	1.81	−1.08	5.70	+2.68	7.01	+2.23	4.09	−2.37	51.46	− 1.07
Eleven Point	2.52	......	0.34	......	1.76	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Eureka Springs	1.03	−2.18	0.77	−1.91	1.58	−2.21	5.70	+0.74	6.25	+0.54	5.61	−0.04	0.65	−3.06	2.93	−1.76	5.23	+0.72	1.21	−2.77	2.91	−0.32	3.32	+0.34	37.19	−11.91
Evening Shade	1.85	......	0.39	......	1.71	......	3.10	......	7.93	......	4.17	......	2.08	......	1.13	......	2.67	......	4.65	......	4.63	......	4.06	......	38.37	......
Fayetteville	0.99	......	0.28	......	1.47	......	7.63	......	7.33	......	6.04	......	2.23	......	1.33	......	......	......	3.88	......	2.87	......	3.46	......	......	......
Fayetteville Exp.	1.06	−1.82	0.23	−2.20	1.55	−1.95	6.98	+2.32	7.08	+1.66	6.51	+1.84	2.18	−1.52	0.90	−3.06	4.18	+0.27	3.92	+0.25	2.35	−0.70	3.07	+0.29	40.01	− 4.62
Fordyce	4.43	−0.66	1.50	−2.96	4.61	−0.97	5.99	+0.54	5.75	+2.07	5.10	+1.43	0.55	−2.57	2.18	−2.15	3.66	−0.28	4.32	+1.96	9.18	+5.17	3.04	−1.94	50.31	− 0.36
Forester	1.26	......	0.70	......	......	......	3.78	......	4.87	......	1.52	......	0.67	......	7.44	......	8.06	......	2.86	......	3.80	......	6.90	......	......	......
Fort Smith	0.46	−2.08	0.14	−2.42	1.99	−1.02	5.88	+1.94	6.19	+1.37	2.73	−0.99	0.11	−3.26	1.38	−1.90	4.89	+1.90	4.00	+1.01	2.28	−0.59	5.11	+2.35	35.16	− 3.69
Ft. Smith Water Pt.	0.66	......	T.	......	2.46	......	6.75	......	7.05	......	9.24	......	0.83	......	0.17	......	6.66	......	2.21	......	3.33	......	6.13	......	45.49	......
Fulton	2.93	−1.64	1.02	−2.26	3.86	−0.69	3.77	−0.83	4.13	−0.38	1.72	−2.09	0.18	−3.38	6.85	+4.03	2.64	+0.15	3.46	+0.88	6.25	+2.46	5.85	+1.75	42.66	− 2.00
Garland	3.56	......	1.68	......	4.59	......	4.85	......	5.90	......	1.73	......	......	......	1.95	......	5.03	......	2.69	......	6.75	......	5.19	......	......	......
Georgetown	2.85	−2.47	0.23	−3.48	1.95	−3.07	6.58	+1.49	7.87	+3.65	2.33	−1.61	0.44	−2.68	0.69	−2.75	2.36	−1.08	6.53	+3.14	5.47	+1.72	2.21	−1.32	39.51	− 8.46
Gilbert	1.82	−1.51	0.25	−2.64	0.88	−1.95	5.41	+0.40	3.84	−1.30	2.48	−1.18	1.43	−1.45	1.87	−2.11	2.53	−1.04	1.92	−2.28	3.07	+0.18	2.24	−1.08	27.74	−15.96
Glenwood	2.44	......	0.90	......	3.58	......	5.68	......	3.54	......	1.83	......	0.92	......	......	......	4.98	......	2.62	......	5.49	......	4.34	......	......	......
Grannis	1.82	−2.92	0.72	−3.52	4.47	+0.10	7.04	+1.22	6.88	+0.97	2.44	−2.43	1.71	−2.84	11.53	+8.22	4.80	+0.56	8.37	+4.16	5.38	+0.69	6.26	+1.28	61.42	+ 5.49
Gravelly	1.90	......	0.45	......	2.23	......	4.91	......	3.87	......	2.03	......	0.23	......	2.23	......	4.69	......	2.01	......	4.70	......	4.73	......	33.98	......

Monthly and Annual Precipitation for the year 1947, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
Gravette	1.04	−1.65	0.26	−1.94	2.03	−1.35	6.01	+1.28	6.06	+0.52	6.87	+1.29	0.96	−2.55	1.82	−2.20	5.24	+1.01	1.09	−2.86	2.73	−0.45	2.47	+0.09	36.58	− 8.81
Greenbrier	....	......	....	......	....	......	3.88	......	....	......	4.43	......	0.75	......	0.60	......	....	......	....	......	....	......	5.64	......	......	......
Green Forest	....	......	1.10	......	....	......	4.51	......	4.58	......	7.93	......	0.66	......	0.69	......	4.43	......	1.94	......	3.26	......	1.56	......	......	......
Green Mountain	1.37	......	0.67	......	1.10	......	5.36	......	4.18	......	1.11	......	1.53	......	1.85	......	1.28	......	1.96	......	3.99	......	5.15	......	29.55	......
Greenwood	2.00	......	0.67	......	1.87	......	7.40	......	10.37	......	1.92	......	0.23	......	1.22	......	6.03	......	4.73	......	4.47	......	7.94	......	48.85	......
Harrison	0.69	−2.30	0.41	−2.25	0.92	−2.23	2.87	−1.78	3.93	−1.38	5.31	+0.90	0.97	−2.42	2.70	−0.87	2.65	−1.31	1.61	−1.62	2.59	−0.14	4.31	+1.82	28.96	−13.58
Helena	5.75	+0.27	1.05	−3.45	2.80	−3.23	4.20	−1.37	4.48	+0.08	2.11	−1.63	2.46	−1.39	2.19	−1.37	1.26	−2.02	2.11	−0.60	6.78	+2.24	2.53	−2.55	37.72	−15.02
Henderson	0.88	......	0.19	......	0.68	......	4.49	......	5.48	......	4.07	......	1.52	......	0.66	......	3.85	......	2.56	......	2.56	......	6.00	......	32.94	......
Hope	3.23	−1.76	1.20	−2.87	3.98	−1.10	5.43	+0.12	4.27	−0.82	1.52	−2.22	0.14	−4.21	10.41	+7.13	3.53	+0.47	3.30	+0.11	6.86	+2.31	5.28	+0.64	49.15	− 2.20
Horatio	2.19	......	0.96	......	....	......	....	......	10.30	......	0.89	......	1.52	......	8.00	......	2.68	......	4.86	......	6.50	......	5.23	......	......	......
Hot Springs	2.13	−2.80	0.86	−2.83	2.72	−2.11	6.24	+0.21	4.50	−1.24	4.01	−0.61	1.51	−2.60	1.24	−2.46	4.03	+0.66	6.88	+3.66	5.01	+0.69	4.23	−0.40	43.36	− 9.83
Huntsville	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	......	......
Huttig	5.87	......	2.75	......	5.70	......	6.69	......	3.64	......	4.86	......	0.47	......	1.87	......	2.71	......	4.50	......	6.17	......	3.52	......	48.75	......
Index	2.03	−2.25	0.80	−2.71	4.05	−0.51	2.65	−4.06	6.10	+1.79	2.42	−0.79	0.80	−3.11	2.25	−0.72	2.80	+0.33	....	......	4.25	+0.01	6.30	+1.64	......	......
Jonesboro	2.12	−2.90	0.85	−2.93	1.93	−2.84	5.93	+1.36	4.20	+0.18	5.65	+1.91	1.95	−1.28	0.90	−2.56	1.82	−1.54	7.87	+4.60	5.89	+2.53	3.07	−1.31	42.18	− 4.78
Judsonia	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	......	......
Lake City	0.75	......	0.98	......	0.78	......	3.73	......	1.81	......	4.44	......	1.08	......	0.62	......	2.12	......	5.59	......	5.23	......	3.11	......	30.24	......
Lead Hill	0.67	−2.17	0.45	−2.66	1.30	−2.39	4.74	+0.76	5.32	−0.08	4.23	−0.20	1.82	−1.87	1.14	−2.73	3.76	+0.25	2.01	−1.35	2.47	−0.91	4.81	+1.81	32.72	−11.54
Little Rock	2.14	−2.59	0.51	−3.33	1.53	−3.09	6.10	+0.91	6.87	+2.09	4.95	+1.19	1.03	−2.47	1.09	−2.66	2.96	−0.21	5.57	+2.86	6.27	+2.08	4.34	+0.20	43.36	− 5.02
Lock & Dam No. 3	1.76	......	0.39	......	1.64	......	4.24	......	4.95	......	1.43	......	2.30	......	1.32	......	2.80	......	3.10	......	4.12	......	4.22	......	32.27	......
Lurton	1.52	......	0.32	......	2.51	......	7.29	......	6.02	......	4.26	......	2.97	......	2.08	......	4.49	......	2.93	......	4.93	......	2.86	......	42.18	......
Lutherville	0.78	−3.24	0.46	−2.95	2.79	−1.38	7.86	+2.92	....	......	....	......	2.93	−0.61	1.88	−1.93	3.03	−1.07	3.16	−0.93	4.62	+1.03	7.63	+3.45	......	......
Madison	6.59	+1.36	0.70	−3.81	2.17	−3.05	6.02	+1.80	6.64	+2.98	3.30	+0.33	0.45	−4.35	2.70	−0.63	1.40	−1.50	4.50	+1.59	6.78	+2.68	2.13	−3.41	43.38	− 6.01
Magnolia	2.73	−2.11	2.24	−1.75	4.72	+0.10	5.61	+0.72	5.06	+0.45	2.22	−1.28	1.45	−2.56	3.24	+0.57	2.56	+0.46	3.62	+0.64	5.39	+0.76	4.27	−1.47	43.11	− 5.37
Mammoth Spring	1.98	−1.66	0.40	−2.31	1.24	−2.16	4.83	−0.25	4.57	−0.04	1.78	−2.44	2.53	−0.97	1.14	−2.88	2.89	−0.63	2.86	−0.72	4.19	+0.79	3.19	−0.08	31.60	−13.35
Marianna	5.82	+1.13	0.65	−3.23	2.03	−2.85	4.98	+0.84	4.34	+0.42	1.65	−1.82	1.23	−2.16	1.26	−1.65	0.85	−1.89	5.16	+2.00	5.48	+2.11	2.09	−2.54	35.54	− 9.64
Marked Tree	4.23	−1.20	1.09	−2.58	2.34	−2.82	6.03	+0.38	5.75	+0.95	6.80	+3.36	1.89	−1.72	0.77	−2.77	1.17	−1.79	8.28	+4.56	6.71	+2.63	2.31	−2.23	47.37	− 3.23
Marshall	1.74	−1.47	0.29	−2.25	0.64	−3.34	6.99	+1.01	5.01	−1.78	2.82	−1.69	1.61	−1.96	0.75	−4.54	2.59	−1.44	1.45	−2.53	3.66	+0.07	1.88	−1.85	29.43	−21.77
Marvell	....	......	0.75	......	2.18	......	5.02	......	3.55	......	3.13	......	1.44	......	0.74	......	4.42	......	2.55	......	6.13	......	1.99	......	......	......
Melbourne	1.33	......	0.11	......	0.99	......	4.47	......	7.10	......	1.29	......	1.62	......	1.36	......	4.69	......	1.16	......	5.83	......	4.90	......	34.85	......
Mena	1.64	−2.31	0.46	−2.90	2.42	−2.08	5.94	+0.36	8.74	+2.53	2.52	−2.46	0.21	−3.67	7.19	+2.93	5.96	+2.10	2.99	−0.70	3.75	+0.18	5.16	+1.17	46.98	− 4.85
Monticello	4.85	......	3.85	......	5.03	......	5.46	......	4.07	......	7.02	......	0.16	......	0.44	......	3.79	......	3.12	......	7.19	......	5.09	......	50.08	......
Morobay	5.52	......	2.72	......	5.95	......	6.75	......	3.86	......	2.81	......	1.46	......	0.71	......	1.86	......	3.68	......	5.26	......	4.41	......	44.99	......
Morrilton	1.63	−2.23	0.21	−3.00	2.28	−1.85	3.52	−1.38	5.38	+0.76	4.79	+0.87	0.54	−1.90	0.64	−2.28	3.58	+0.75	2.03	−1.65	3.59	−0.28	6.37	+2.33	34.56	− 9.86
Mountainburg	0.78	......	0.11	......	2.44	......	6.72	......	7.13	......	9.74	......	0.94	......	0.16	......	6.81	......	2.02	......	3.42	......	5.64	......	45.91	......
Mountain Home	1.03	−1.84	0.65	−1.92	0.95	−2.72	3.78	−0.86	4.60	−0.71	2.85	−1.65	1.75	−1.77	1.05	−2.78	3.10	−0.65	2.00	−1.96	2.40	−0.77	5.20	+1.66	29.36	−15.97
Mountain View	1.93	......	0.49	......	1.33	......	4.52	......	4.64	......	2.79	......	2.16	......	1.62	......	2.02	......	2.93	......	4.59	......	3.94	......	33.01	......
Mount Ida	1.75	−2.60	0.27	−3.69	3.89	−0.61	5.46	−0.40	4.86	−0.82	1.62	−2.56	1.19	−2.31	4.59	+1.10	4.62	+1.15	3.11	−0.60	5.74	+1.59	8.52	+4.19	45.62	− 5.56
Mulberry	0.87	......	T.	......	2.43	......	6.11	......	7.96	......	9.32	......	1.31	......	0.27	......	4.50	......	3.30	......	2.72	......	3.40	......	42.19	......
Nashville	1.64	......	0.83	......	3.58	......	5.18	......	8.88	......	2.34	......	1.20	......	6.89	......	2.60	......	4.42	......	5.62	......	5.41	......	48.59	......
Newport	2.39	−2.56	1.15	−2.39	2.35	−2.44	6.19	+1.26	4.10	−0.13	2.93	−0.86	1.56	−1.66	0.62	−2.85	2.04	−1.38	7.92	+4.95	4.45	+0.36	4.23	+0.13	39.93	− 7.57
Nimrod Dam	1.25	......	0.49	......	1.27	......	4.64	......	5.69	......	2.12	......	0.40	......	2.28	......	2.93	......	2.92	......	4.90	......	5.48	......	34.37	......
Oark	1.42	......	0.20	......	2.80	......	6.58	......	8.38	......	6.55	......	2.75	......	2.55	......	4.90	......	....	......	....	......	....	......	......	......
Odell	0.83	......	0.08	......	1.82	......	7.08	......	5.39	......	11.34	......	0.58	......	1.23	......	7.88	......	2.29	......	3.09	......	3.06	......	44.66	......
Oden	1.14	−2.87	1.05	−2.60	3.27	−0.54	4.99	−0.95	6.04	+0.97	0.50	−3.47	0.96	−2.18	4.42	+1.12	7.50	+4.55	2.91	−0.18	5.12	+1.23	5.83	+1.60	43.73	− 3.32
Okay	2.38	−2.13	1.16	−2.74	3.54	−1.07	4.83	+0.27	8.96	+4.10	2.49	−0.48	1.07	−2.53	6.19	+3.40	2.06	−0.76	4.40	+1.42	5.25	+0.89	5.57	+0.42	47.90	+ 0.79
Osceola	....	......	....	......	....	......	6.24	+1.76	4.26	−0.50	2.66	−0.63	2.76	−0.61	3.05	−0.20	0.70	−2.11	5.21	+2.55	4.48	+0.50	5.62	+1.59	......	......
Ozark	1.46	−1.58	0.06	−2.72	2.38	−1.37	5.68	+1.07	5.39	−0.09	4.85	+0.46	2.80	−0.37	0.68	−3.05	4.17	+0.77	3.27	−0.09	2.90	−0.18	3.19	−0.21	36.83	− 7.36
Paragould	1.29	−3.79	0.50	−3.36	....	......	5.05	+0.29	3.43	−0.76	6.06	......	4.66	+1.44	0.59	−3.28	2.08	−0.41	4.62	+1.68	5.57	+2.26	3.50	−0.88	......	......
Parkin	3.57	−1.59	0.59	−3.56	2.61	−2.71	5.34	+1.09	6.07	+2.90	8.21	+4.93	1.56	−1.86	2.21	−0.94	2.39	−0.52	4.66	+1.47	7.33	+3.69	1.97	−3.31	46.51	− 0.41
Parthenon	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	......	......
Perryville	1.79	−2.64	0.64	−2.78	2.24	−1.62	3.85	−1.41	4.07	−1.67	4.65	−0.25	0.57	−3.68	1.21	−2.81	3.33	−0.17	2.71	−0.79	4.44	+0.84	7.60	+3.62	37.10	−13.36
Pine Bluff	3.56	−1.67	1.24	−2.86	4.84	−0.47	6.99	+1.56	8.75	+4.34	5.40	+1.67	0.33	−3.27	0.57	−2.31	2.36	−1.01	2.51	−0.32	7.47	+3.29	1.85	−3.42	45.87	− 4.47
Pine Ridge	1.85	−2.71	0.79	−2.96	3.04	−1.24	4.51	−1.44	5.68	+0.12	0.92	−3.51	2.22	−1.47	7.04	+4.13	6.12	+3.12	2.32	−1.71	5.33	+1.22	7.31	+3.10	47.13	− 3.35
Pocahontas	1.55	−2.77	0.45	−2.84	2.13	−2.43	6.49	+1.63	7.82	+3.12	2.68	−1.42	2.03	−1.96	0.96	−3.43	2.10	−1.24	6.55	+3.24	4.54	+0.97	5.62	+1.82	42.92	− 5.31
Portland	8.58	+3.83	2.25	−2.03	5.52	+0.24	6.64	+1.67	2.60	−2.10	5.07	+1.91	1.28	−2.65	0.44	−2.79	1.29	−1.31	1.74	−1.20	8.38	+4.23	3.64	−2.15	47.43	− 2.35
Prescott	3.57	−1.17	1.29	−2.51	4.45	−0.11	6.22	+1.10	6.15	+1.26	2.66	−1.06	0.54	−3.00	6.97	+3.81	3.29	+0.37	5.08	+2.45	7.05	+3.34	4.87	+0.21	52.14	+ 4.69
Ratcliff	....	......	....	......	1.10	......	....	......	2.57	......	....	......	....	......	1.04	......	4.88	......	4.28	......	3.18	......	3.43	......	......	......
Red Star	1.38	......	0.37	......	2.33	......	6.25	......	6.77	......	6.91	......	1.30	......	....	......	....	......	....	......	3.15	......	5.50	......	......	......
Rogers	1.06	−1.58	0.29	−1.78	1.95	−1.40	6.72	+2.15	6.52	+1.17	6.23	+1.33	1.10	−2.58	2.45	−1.32	5.77	+1.69	1.05	−2.44	3.15	+0.12	2.97	+0.53	39.26	− 4.11
Russellville	1.06	−2.67	0.77	−2.59	2.41	−1.93	4.70	+0.34	3.85	−1.64	4.61	+0.38	1.14	−2.96	0.62	−2.93	3.20	−0.55	2.41	−0.60	4.66	+0.89	7.16	+3.81	36.59	−10.45
St. Charles	5.04	....	1.14	......	3.74	......	5.42	......	4.15	......	3.73	......	0.72	......	0.88	......	1.40	......	3.57	......	7.31	......	2.40	......	39.50	......
St. Francis	2.16	−3.04	0.41	−3.78	1.80	−3.09	6.57	+1.80	4.52	+0.60	3.32	−0.50	0.96	−3.09	1.98	−1.99	2.63	−0.98	4.43	+0.95	3.78	+0.24	3.00	−1.15	35.56	−14.03
Searcy	1.46	−3.31	0.66	−2.84	2.70	−1.96	5.15	+0.31	3.94	−0.58	4.01	+0.03	1.50	−1.45	1.17	−2.43	3.36	+0.43	7.84	+4.71	5.60	+1.30	4.41	−0.20	41.80	− 5.99
Sheridan (near)	3.10	......	0.56	......	2.74	......	7.07	......	6.17	......	5.28	......	....	......	1.34	......	3.30	......	5.88	......	7.89	......	2.62	......	......	......
Shirley	2.19	......	0.44	......	2.29	......	4.29	......	4.98	......	1.89	......	2.14	......	0.71	......	3.10	......	3.49	......	6.55	......	4.14	......	36.24	......
Siloam Springs	0.62	......	0.27	......	1.75	......	6.73	......	6.68	......	6.61	......	0.98	......	1.13	......	3.63	......	1.79	......	3.15	......	2.56	......	35.90	......
Sparkman	....	......	1.50	......	4.31	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	......	......
Stamps	4.07	......	0.87	......	3.18	......	4.69	......	....	......	2.43	......	0.52	......	....	......	3.21	......	....	......	....	......	....	......	......	......
Steve	....	......	0.60	......	2.56	......	4.57	......	2.07	......	1.69	......	....	......	2.19	......	3.45	......	2.82	......	5.30	......	7.05	......	......	......
Story	1.56	−2.31	0.77	−2.64	3.44	−0.53	4.62	−1.61	3.71	−1.16	0.91	−2.42	0.71	−2.76	2.49	−0.53	2.38	−0.39	....	......	4.52	+0.64	4.33	−0.28	......	......
Stuttgart	4.04	−1.15	0.94	−3.14	....	......	5.85	+0.87	5.16	+0.53	2.70	−1.11	0.94	−2.85	1.69	−1.77	4.82	+1.73	1.28	−1.74	6.42	+2.33	1.95	−3.07	......	......
Stuttgart (Evap.)	3.13	−2.79	0.79	−3.87	2.43	−2.68	5.40	+1.15	4.75	+0.39	3.37	+0.09	0.79	−3.30	0.67	−1.42	3.71	+1.08	3.90	+0.82	6.28	+1.74	1.77	−3.53	36.99	−12.32
Subiaco	0.93	−2.51	0.46	−2.47	1.90	−1.90	6.64	+2.13	4.51	−0.74	2.89	−1.25	1.30	−1.87	2.54	−1.03	3.74	+0.35	3.84	+0.35	3.12	−0.05	3.49	+0.06	35.36	− 8.96
Sugar Grove	1.17	......	0.55	......	1.87	......	5.67	......	5.04	......	2.44	......	....	......	1.75	......	4.68	......	2.61	......	3.01	......	4.80	......	......	......
Sugar Loaf Mt.	2.20	......	0.51	......	2.15	......	3.00	......	4.17	......	1.67	......	1.79	......	0.96	......	3.00	......	5.05	......	5.08	......	4.94	......	34.52	......
Texarkana	2.45	−2.03	1.01	−2.36	3.63	−0.67	2.97	−1.97	6.80	+2.28	3.11	−0.60	0.39	−3.72	3.11	−0.26	3.08	+0.41	2.59	−0.91	6.88	+3.21	7.17	+2.56	43.10	− 4.06
Tichnor	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	....	......	......	......
Turnpike	1.73	−2.45	0.26	−3.18	2.21	−1.83	8.05	+2.73	7.14	+1.22	3.69	−1.23	1.43	−1.85	2.57	−1.52	5.09	+0.23	3.41	−1.58	4.30	+0.21	5.81	+1.60	45.69	− 7.65
Viola	3.85	......	0.24	......	1.63	......	1.79	......	4.48	......	3.20	......	1.25	......	0.31	......	2.33	......	2.65	......	3.33	......	3.14	......	28.20	......
Waldron	0.77	−2.97	0.65	−2.81	2.10	−1.62	4.82	−0.45	4.10	−1.46	2.40	−1.99	0.30	−2.57	2.65	−0.41	5.72	+2.56	2.47	−1.40	3.01	−0.54	7.58	+3.98	36.57	− 9.68
Walnut Grove	2.13	......	0.95	......	1.94	......	5.61	......	2.78	......	3.74	......	....	......	....	......	1.71	......	5.59	......	4.23	......	6.55	......	......	......
Warren	4.28	−0.59	2.08	−2.33	5.05	−0.41	7.90	+2.74	2.20	−2.36	4.92	+1.24	0.10	−3.79	1.63	−1.78	2.59	−0.79	3.20	+0.03	5.27	+1.11	2.98	−2.78	42.20	− 9.71
Whitecliffs	2.54	−1.42	0.89	−2.55	4.04	−0.43	5.75	+0.28	7.22	+2.41	2.11	−1.40	0.69	−2.00	3.75	+0.85	2.31	−0.21	3.72	+0.59	5.10	+1.77	4.81	+0.17	42.93	− 1.93
White Rock	0.79	......	0.25	......	3.06	......	7.35	......	7.40	......	8.02	......	1.54	......	0.49	......	6.34	......	2.97	......	3.61	......	7.36	......	49.18	......
Wilson	4.17	−1.12	....	......	....	......	6.78	+2.02	5.85	+1.62	6.35	+3.47	1.87	−1.57	....	......	....	......	3.90	+1.01	....	......	....	......	......	......
Wynne	....	......	....	......	....	......	....	......	6.26	+1.95	4.78	+1.10	2.15	−1.41	1.34	−2.41	2.20	−1.07	4.30	+0.74	7.28	+3.48	1.87	−3.04	......	......

Departures from normal precipitation are based on records of 10 years or more.

Monthly and Annual Mean Temperature for the Year 1947, with Departures from the Normal

Stations	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
Alum Fork	43.5	+2.9	39.4	−5.4	45.4	−7.7	61.9	+0.3	....	......	76.2	−0.1	79.0	−1.2	[a]84.8	+5.0	76.0	+2.2	68.8	+4.7	48.2	−3.3	44.2	+0.4	....	......
Arkadelphia	43.4	−0.4	38.0	−7.9	46.2	−9.6	62.8	+0.4	69.2	−1.6	77.6	−0.5	79.6	−1.6	85.4	+4.4	75.6	−0.6	68.3	+3.9	48.2	−5.0	44.8	+0.3	61.6	−1.5
Ashdown	43.4	......	37.8	......	47.0	......	63.3	......	68.2	......	77.4	......	78.6	......	83.6	......	75.5	......	68.7	......	48.0	......	41.4	......	61.3	......
Batesville (Airway)	41.2	+2.7	35.6	−5.6	43.0	−7.4	59.8	+0.5	66.3	−1.3	76.8	+0.5	76.9	−3.3	85.4	+6.1	74.8	+1.9	67.6	+6.4	46.6	−2.5	42.6	+1.9	59.7	−0.1
Batesville (Livestock)	39.4	......	34.6	......	....	......	59.8	......	....	......	....	......	....	......	84.4	......	76.3	......	65.1	......	....	......	....	......	....	......
Bee Branch	41.6	+1.1	36.8	−5.9	43.2	−8.1	61.1	+0.4	65.8	−2.5	75.2	−1.5	77.1	−4.1	84.5	+4.5	76.0	+1.7	68.2	+5.6	47.4	−3.3	....	......	....	......
Benton	40.2	+0.6	34.0	−9.1	42.4	−0.2	....	......	[b]67.3	−0.9	75.0	−1.4	76.0	−4.7	83.2	+3.3	73.8	−0.8	66.5	+3.9	46.6	+3.7	40.8	−1.2	....	......
Bentonville	37.0	+0.4	31.0	−8.8	40.6	−7.4	57.2	−0.5	63.8	−1.7	74.4	+0.3	75.6	−2.8	[a]82.6	+4.7	74.4	+3.3	66.4	+6.9	43.6	−4.4	39.4	+0.6	57.2	−0.8
Bethesda	39.2	......	33.2	......	41.6	......	59.6	......	64.7	......	74.4	......	76.0	......	83.9	......	74.2	......	65.2	......	45.5	......	....	......	....	......
Blytheville	....	......	....	......	....	......	62.0	+1.0	68.7	−1.5	78.5	+0.5	77.8	−3.7	85.5	+5.3	75.5	+1.3	69.6	+6.2	48.5	−1.7	43.8	+1.9	....	......
Booneville 3 mi. w.	43.8	+2.6	39.2	−6.3	46.0	−7.3	62.9	+0.7	68.0	−1.9	78.1	+0.2	[b]81.8	−1.0	87.2	+4.8	78.8	+3.3	69.7	+5.3	48.6	−3.2	46.0	+2.1	62.5	−0.1
Brinkley	43.2	+1.2	38.4	−5.8	45.8	−7.5	63.6	+1.6	68.8	−1.2	77.4	−0.5	77.8	−3.2	84.6	+4.2	76.2	+1.4	69.2	+6.6	49.3	−2.6	45.4	+1.6	61.6	−0.4
Camden	43.0	−1.5	39.0	−8.3	47.0	−8.3	63.8	+0.4	70.1	−0.9	78.8	+0.3	....	......	84.8	+4.0	....	......	69.5	+5.3	49.8	−3.6	46.4	+1.1	....	......
Camp Chaffee	[a]40.6	......	[a]35.6	......	44.4	......	61.5	......	[a]68.0	......	77.8	......	81.8	......	86.4	......	[a]78.5	......	68.4	......	47.3	......	[a]42.4	......	61.1	......
Conway	43.6	+1.6	38.2	−6.5	46.5	−7.1	63.6	+1.4	68.4	−1.6	77.7	−0.7	79.1	−3.1	86.5	+4.7	77.6	+2.8	68.9	+5.1	48.2	−3.6	45.3	+2.3	62.0	−0.4
Corning	41.9	+3.9	35.6	−4.6	43.7	−7.1	61.2	+1.2	67.6	−0.8	77.0	+0.6	77.2	−2.9	84.9	+6.3	74.2	+1.5	66.6	+6.1	45.8	−2.8	[a]39.6	−0.3	59.6	−0.1
Crossett	46.6	+1.7	40.7	−6.9	48.8	−7.2	64.2	+1.0	69.4	−2.0	78.5	−0.2	[a]77.2	−4.4	83.4	+1.8	77.6	+2.0	70.6	+5.1	52.3	−1.5	48.2	+1.6	63.1	−0.8
Cummins Farm	....	......	....	......	[b]48.7	......	61.6	......	[c]69.2	......	77.6	......	77.8	......	83.4	......	77.0	......	69.4	......	[a]51.2	......	45.3	......	....	......
Dardanelle	44.6	+3.4	39.8	−5.1	47.6	−5.7	64.6	+2.0	69.7	−0.6	79.2	+0.7	81.2	−1.1	86.8	+5.7	78.0	+2.6	67.8	+4.0	48.4	−3.3	43.8	+1.0	62.6	−0.3
De Queen	44.3	+1.1	39.6	−8.3	48.1	−7.6	64.2	+0.9	68.3	−2.1	77.4	−0.6	78.9	−2.2	83.4	+1.6	74.6	−1.0	67.8	+3.7	....	......	46.1	+0.9	....	......
Des Arc	43.4	......	38.0	......	45.8	......	[c]63.2	......	68.0	......	75.4	......	....	......	[a]84.5	......	76.4	......	[a]70.2	......	48.9	......	46.4	......	....	......
Devil's Knob	[b]38.4	......	33.4	......	[b]41.6	......	[c]57.6	......	[d]64.9	......	[g]72.4	......	....	......	82.8	......	73.8	......	66.8	......	45.8	......	43.0	......	....	......
Dumas	46.1	+1.6	40.2	−7.7	48.3	−7.3	61.2	+1.2	70.2	−1.2	78.8	−0.4	79.2	−3.2	[a]85.5	+3.5	78.0	+1.9	70.0	+4.8	51.2	−2.3	47.0	+0.7	63.2	−0.7
El Dorado	46.7	+0.5	41.0	−8.3	48.4	−6.1	63.8	−0.7	69.7	−1.9	79.3	−0.6	79.2	−3.4	83.4	+1.1	76.0	−1.2	69.4	+3.1	49.9	−5.2	48.1	+1.1	62.9	−1.8
Eureka Springs	39.7	+1.4	34.6	−6.5	42.3	−7.7	59.6	+0.5	65.0	−1.7	74.6	0.0	76.9	−2.1	84.8	+6.0	74.8	+2.5	67.5	+6.3	45.0	−4.9	42.8	+2.7	59.0	−0.3
Fayetteville	40.0	......	34.6	......	43.0	......	60.0	......	65.4	......	75.5	......	76.6	......	84.4	......	....	......	66.2	......	45.8	......	42.0	......	....	......
Fayetteville Exp.	38.4	+0.4	33.5	−6.9	41.0	−8.7	58.4	−0.5	63.8	−2.7	73.7	−0.9	75.3	−3.5	82.8	+4.2	73.4	+1.3	65.5	+4.5	45.8	−3.5	42.7	+2.6	57.8	−1.2
Fordyce	47.3	+2.6	41.8	−6.4	49.3	−5.3	65.1	+1.5	71.0	−0.3	[b]79.4	+0.4	80.8	−1.2	85.4	+4.3	78.0	+1.7	72.2	+6.4	50.8	−2.6	48.4	+2.5	64.1	−0.3
Fort Smith	41.6	+2.1	36.6	−6.2	45.1	−7.5	61.2	−0.6	67.4	−2.2	78.0	+0.5	80.2	−1.3	86.4	+5.9	77.1	+3.1	69.2	+6.4	47.6	−3.3	43.6	+1.8	61.2	−0.1
Gilbert	37.8	......	31.8	......	40.2	......	58.2	......	64.0	......	75.2	......	[a]76.8	......	83.5	......	73.3	......	64.8	......	4.51	......	38.8	......	57.4	......
Grannis	41.1	−0.4	37.2	−7.9	41.8	−6.9	61.0	+0.6	66.7	−1.0	75.0	−0.7	78.0	−1.5	81.8	+2.1	72.7	−1.3	67.1	+3.6	46.6	−4.3	44.3	−0.2	59.7	−1.5
Gravette	39.3	+2.7	33.7	−5.3	41.2	−7.5	58.3	+1.0	64.2	−1.4	74.3	+0.2	76.0	−2.4	83.2	+5.1	74.4	+3.2	66.7	+6.6	45.3	−3.2	41.1	+2.6	58.2	+0.2
Green Mountain	38.5	......	....	......	....	......	....	......	65.3	......	73.2	......	....	......	85.1	......	....	......	....	......	45.0	......	38.7	......	....	......
Harrison	39.2	+2.4	33.9	−5.6	41.2	−7.6	53.5	+0.7	63.1	−3.1	74.4	+0.3	75.0	−3.1	81.7	+3.9	72.0	+1.3	63.9	+4.2	43.9	−4.5	41.2	+2.6	57.3	+0.7
Helena	44.0	+0.9	38.2	−6.7	45.8	−8.0	62.6	0.0	67.4	−3.3	78.2	−0.1	78.9	−2.5	84.4	+3.7	76.4	+1.1	70.6	+6.7	49.9	−2.8	45.2	+1.0	61.8	−0.8
Hope	44.4	−0.2	39.0	−8.3	47.2	−8.4	62.8	−1.0	68.9	−2.1	78.4	−0.3	80.1	−1.6	84.8	+2.9	76.2	+0.2	68.8	+3.7	49.3	−3.9	45.8	−1.0	62.1	−1.7
Hot Springs	44.5	+1.1	41.2	−5.6	48.0	−6.2	64.6	+1.5	70.8	+0.5	79.2	+0.8	81.8	−0.5	87.4	+5.7	78.4	+2.6	70.1	+5.2	49.8	−4.0	47.4	+3.0	63.6	+0.3
Jonesboro	42.2	+2.0	35.8	−7.0	43.4	−8.7	60.9	−0.4	67.4	−2.3	76.8	−1.2	77.2	−4.1	84.6	+4.3	74.1	−0.3	67.0	+4.1	45.6	−6.3	40.7	−0.6	59.6	−1.7
Lead Hill	39.0	+2.1	33.4	−5.2	41.0	−7.4	59.5	+0.7	64.3	−2.6	74.9	−0.5	76.5	−3.6	84.8	+5.7	73.8	+1.9	66.0	+5.6	44.4	−3.1	40.0	+0.6	58.1	−0.5
Little Rock	43.9	+2.5	38.1	−6.8	45.8	−7.2	62.4	+0.3	68.6	−1.7	77.8	+0.4	79.3	−1.6	85.0	+5.2	75.8	+1.7	69.7	+6.1	48.2	−3.9	45.4	+1.2	61.6	−0.4
Lutherville	42.7	+2.7	37.0	−5.5	44.4	−7.0	61.1	+0.9	....	......	[d]77.2	+1.2	78.2	−2.1	84.8	+4.8	76.0	+2.0	....	......	47.7	−3.1	43.0	+1.4	....	......
Magnolia	[b]47.5	+0.7	42.8	−7.9	49.8	−7.7	66.0	+1.1	70.0	−1.9	79.3	−0.3	80.6	−1.9	84.6	+2.0	78.2	+0.6	72.1	+4.8	51.6	−3.4	49.4	+0.5	64.3	−1.1
Mammoth Spring	39.0	+1.5	32.5	−7.8	41.0	−8.8	59.6	+0.4	64.8	−1.8	73.8	−1.1	75.2	−3.8	82.6	+4.5	72.5	+0.8	63.0	+3.1	43.4	−4.9	39.8	+0.5	57.3	−1.5
Marianna	42.6	+0.2	36.6	−8.9	45.2	−8.4	61.4	−1.1	67.0	−3.6	76.8	−1.8	76.2	−5.0	83.4	+2.9	75.5	+1.4	69.4	+6.0	48.4	−3.5	44.0	+0.1	60.5	−1.8
Marked Tree	40.8	+2.1	33.6	−9.0	42.4	−8.0	60.2	−0.5	67.2	−2.0	76.6	−1.4	76.6	−4.4	84.6	+5.0	74.8	+1.4	67.6	+6.0	46.7	−2.2	40.8	+0.1	59.3	−1.1
Marshall	40.2	+0.5	31.2	−8.8	42.7	−7.6	59.5	−0.5	64.0	−3.0	75.6	0.0	[c]78.6	−0.5	83.8	+5.4	75.0	+8.2	66.9	+5.5	45.9	−4.6	42.8	+1.6	59.1	−0.7
Mena	42.7	+1.2	38.4	−5.9	45.4	−7.2	62.0	+0.4	67.6	−1.2	77.0	+0.3	79.4	−0.9	84.4	+4.2	74.8	+0.5	67.6	+4.3	47.2	−4.7	45.1	+2.3	61.0	−0.5
Monticello	45.2	......	40.0	......	48.2	......	64.1	......	68.8	......	77.7	......	79.4	......	84.9	......	77.6	......	71.2	......	50.4	......	48.0	......	63.0	......
Morrilton	41.6	+0.9	35.9	−8.8	43.3	−8.0	60.4	−1.3	66.9	−2.6	76.3	−2.2	78.1	−4.5	85.6	+3.9	75.4	+0.4	67.6	+4.0	46.8	−3.9	42.3	−1.3	60.0	−2.0
Mountain Home	40.2	+2.3	34.2	−7.4	42.8	−7.0	59.3	+0.1	64.8	−2.1	75.2	+0.3	75.9	−3.5	83.5	+4.8	73.2	+1.4	65.8	+5.1	45.2	−3.4	41.8	+1.9	58.5	−0.6
Mount Ida	42.8	+1.8	37.2	−7.7	44.0	−8.1	61.3	+0.3	66.0	−2.0	75.2	−0.8	77.6	−2.3	83.6	+4.0	73.5	+0.4	65.4	+3.4	45.4	−4.7	43.0	0.0	59.6	−1.3
Nashville	45.0	......	39.6	......	47.6	......	63.7	......	68.9	......	78.0	......	79.6	......	84.4	......	76.4	......	69.2	......	49.6	......	46.8	......	62.4	......
Newport	43.5	+3.7	38 0	−4.6	44.8	−7.7	62.6	+0.9	68.8	−1.1	78.0	−0.1	78.9	−2.6	86.2	+5.7	75.7	+1.4	68.8	+6.4	47.3	−3.6	42.6	+0.4	61.2	−0.2
Nimrod	41.7	......	36.0	......	43.6	......	61.2	......	67.6	......	76.3	......	[a]79.6	......	84.8	......	75.9	......	68.0	......	48.0	......	43.0	......	60.5	......
Oden	42.3	......	38.3	......	44.8	......	61.8	......	67.0	......	76.7	......	80.0	......	84.2	......	75.3	......	67.1	......	46.6	......	[b]48.2	......	61.0	......
Okay	46.6	+1.6	41.7	−7.3	50.2	−5.4	65.3	+0.8	70.4	−0.8	79.0	−0.3	81.5	−1.4	84.4	+1.6	77.2	+0.5	[b]71.0	+5.0	51.0	−2.3	47.8	+1.2	63.8	−0.6
Ozark	42.0	+1.8	37.6	−6.0	[a]44.6	−8.0	62.0	+0.2	[a]67.1	−2.4	76.8	−1.1	79.7	−2.5	86.4	+4.3	77.4	+1.8	68.0	+4.4	46.7	−4.4	42.2	+0.4	60.9	−0.9
Paragould	....	......	36.2	......	....	......	[b]61.4	......	[c]67.7	......	....	......	[d]74.8	......	[b]82.6	......	....	......	66.6	......	46.2	......	41.6	......	....	......
Perryville	43.2	+3.3	37.8	−5.0	45.2	−6.4	62.6	+2.5	68.0	+0.5	76.8	−1.3	77.8	−2.0	83.6	+4.0	75.8	+2.8	[a]66.9	+5.8	47.3	−2.8	44.2	+2.4	60.8	+0.6
Pine Bluff	46.3	+2.4	41.0	−5.6	47.7	−7.3	64.6	+1.1	70.4	−1.0	79.2	−0.1	81.2	−1.3	86.8	+4.7	78.6	+2.1	70.8	+5.9	50.2	−3.1	45.2	+0.1	63.5	−0.2
Pocahontas	41.5	+2.8	35.4	−5.4	42.8	−8.2	60.7	+0.5	67.0	−1.5	76.7	−0.1	77.6	−3.0	85.2	+5.2	75.0	+1.5	67.6	+5.8	46.2	−3.8	41.4	+1.1	59.8	−0.4
Portland	47.2	+0.7	41.8	−7.6	49.6	−7.3	65.2	+0.6	70.2	−1.5	78.8	−0.9	79.0	−2.8	84.3	+2.9	78.6	+2.5	71.2	+6.2	51.8	−2.4	[d]50.4	+3.2	64.0	−0.5
Prescott	46.6	+2.1	41.9	−6.0	50.0	−5.9	66.0	+0.2	71.6	+0.1	79.8	+0.6	81.8	−0.6	87.8	+5.7	79.6	+3.0	71.0	+5.5	50.4	−3.5	47.5	+2.1	64.5	+0.4
Rogers	39.9	+2.8	34.0	−5.7	42.2	−6.8	59.2	+0.5	64.1	−1.9	74.0	+0.1	75.4	−2.6	83.6	+5.8	74.1	+2.9	66.8	+6.7	44.9	−3.8	42.7	+3.5	58.4	+0.1
Russellville	44.0	+4.2	38.6	−3.1	46.3	−6.1	63.0	+1.9	68.6	−1.4	78.0	+0.1	79.8	−1.7	86.6	+6.2	77.5	+3.3	69.0	+7.1	48.5	−1.6	45.2	+3.4	62.1	+1.0
St. Charles	44.6	......	37.8	......	46.4	......	63.4	......	69.1	......	77.7	......	79.2	......	85.3	......	77.4	......	70.4	......	49.4	......	44.7	......	62.1	......
Searcy	43.2	+2.6	38.5	−6.4	45.2	−7.0	62.0	+0.8	68.1	−0.9	78.2	+0.6	79.3	−2.1	86.2	+5.5	77.0	+2.5	69.9	+6.9	48.0	−2.9	44.8	+2.0	61.7	+0.1
Sheridan (near)	44.9	......	40.1	......	47.4	......	64.4	......	67.2	......	76.6	......	....	......	84.3	......	74.6	......	68.9	......	49.0	......	46.3	......	....	......
Siloam Springs	40.2	......	33.8	......	42.4	......	[a]58.8	......	64.2	......	73.2	......	75.6	......	83.8	......	74.8	......	66.2	......	46.2	......	41.8	......	58.4	......
Stuttgart	44.8	+2.0	38.9	−6.2	....	......	63.1	+0.8	68.8	−1.3	77.8	−0.3	79.2	−2.1	83.3	+2.4	77.0	+1.8	70.3	+6.3	49.8	−2.6	46.7	+2.7	....	......
Stuttgart (Evap)	42.9	+1.5	36.6	−8.2	44.8	−7.9	61.4	0.0	68.1	−1.4	77.0	−0.7	78.3	−3.3	83.8	+2.8	[b]76.8	+2.0	69.4	+5.7	48.8	−2.1	43.1	−0.1	60.9	−1.0
Subiaco	41.8	+0.4	37.6	−6.3	44.0	−9.1	61.4	−0.5	67.1	−2.9	76.5	−1.6	79.9	−2.4	85.3	+3.2	76.6	+1.5	68.4	+4.4	47.8	−4.2	43.7	+0.7	60.8	−1.4
Texarkana	45.8	−0.5	41.0	−7.4	48.8	−7.4	65.0	+0.8	70.0	−1.4	79.0	−0.1	81.2	−1.3	85.1	+2.8	77.0	+0.2	70.9	+5.1	51.0	−4.2	48.3	+1.4	63.6	−1.0
Turnpike	38.5	......	33.2	......	40.8	......	58.0	......	62.8	......	[a]71.6	......	75.2	......	82.2	......	[a]74.1	......	....	......	44.0	......	42.9	......	....	......
Waldron	42.4	......	37.6	......	44.9	......	62.4	......	67.7	......	77.4	......	79.5	......	84.6	......	75.8	......	67.0	......	47.2	......	44.0	......	60.9	......
Warren	46.9	+2.0	41.9	−5.8	48.8	−7.2	65.6	+1.8	70.6	−1.0	79.6	+0.2	80.4	−2.4	85.8	+3.9	77.7	+1.5	71.0	+6.1	[a]50.6	−3.3	49.1	+3.5	64.0	0.0
White Rock	38.8	......	34.2	......	[c]41.6	......	57.4	......	64.3	......	72.4	......	76.0	......	82.2	......	75.0	......	67.9	......	44.6	......	43.0	......	58.2	......
Wilson	39.8	−0.6	....	......	....	......	63.0	+2.0	68.2	−1.7	77.3	−0.1	77.2	−3.6	....	......	....	......	68.2	+5.2	47.8	−2.6	44.0	+2.0	....	......
Wynne	....	......	....	......	....	......	[c]62.0	+2.3	67.6	−1.9	77.5	−0.2	78.1	−2.9	84.4	+4.3	75.2	+0.8	68.8	+6.0	48.4	−2.8	44.8	+2.5	....	......

Departures from the normal temperatures are based on records of 10 years or more. Reference letters [a] [b] [c] appearing in the table indicate number days missing.

MONTHLY HIGHEST, LOWEST, AND MEAN RIVER STAGES FOR 1947

Stations	Jan.			Feb.			Mar.			Apr.			May			June			July			Aug.			Sept.			Oct.			Nov.			Dec.		
	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean	Highest	Lowest	Mean
Fort Smith	6.1	4.3	....	4.6	3.0	....	11.8	2.8	....	25.3	4.5	....	25.8	9.2	....	22.0	8.0	....	12.7	5.2	....	6.5	2.5	....	7.4	2.0	....	6.2	1.9	....	4.9	1.8	....	7.7	1.9	....
Van Buren	6.6	5.3	....	5.3	3.8	....	12.4	3.2	....	....	....	....	26.6	9.2	....	23.3	8.1	....	13.3	5.4	....	6.6	2.9	....	7.4	2.2	....	4.3	2.1	....	4.8	2.0	....	7.9	2.0	....
Danville	8.2	4.5	....	4.6	3.2	....	8.4	3.2	....	18.5	3.6	....	18.6	4.1	....	5.2	2.7	....	2.7	2.4	....	2.6	2.3	....	3.6	2.2	....	3.5	2.3	....	3.0	2.4	....	17.5	2.8	....
Ozark	3.8	1.9	....	1.9	0.9	....	8.0	0.8	....	21.8	2.0	....	21.0	5.8	....	17.8	4.6	....	10.1	2.0	....	2.9	0.0	....	3.4	-0.8	....	2.4	-0.6	....	1.6	0.2	....	4.4	0.0	....
Dardanelle	5.9	3.3	....	3.4	2.1	....	9.9	2.0	....	24.0	3.6	....	25.0	8.3	....	20.2	6.4	....	11.7	3.3	....	4.5	1.2	....	4.6	1.0	....	3.6	0.8	....	2.9	1.0	....	6.0	1.0	....
Morrilton	1.0	-1.5	....	-1.6	-3.2	....	4.8	-3.3	....	19.0	1.8	....	19.8	3.6	....	15.1	1.4	....	7.4	-2.1	....	-0.9	-5.1	....	-0.8	-4.6	....	-2.2	-5.0	....	-2.5	-6.9	....	1.4	‡	....
Little Rock	5.1	2.8	....	2.7	1.5	....	6.9	1.4	....	18.3	2.5	....	19.8	6.8	....	16.0	4.8	....	9.5	2.3	....	2.9	0.9	....	2.8	0.7	....	1.9	0.5	....	2.0	0.9	....	5.7	0.8	....
Pine Bluff	7.2	3.7	....	3.6	1.5	....	9.1	1.2	....	20.0	3.5	....	21.4	8.8	....	17.9	7.1	....	12.3	3.4	....	4.3	1.3	....	3.8	0.7	....	2.5	0.1	....	2.9	1.1	....	7.5	0.8	....
Gilbert	5.1	4.1	....	4.4	3.8	....	4.3	3.7	....	14.0	3.9	....	7.7	4.4	....	6.6	4.1	....	5.1	3.4	....	3.4	3.3	....	3.5	3.3	....	3.4	3.3	....	2.8	2.4	....	4.7	3.6	....
Black Rock	8.8	4.9	....	6.7	3.5	....	4.6	3.4	....	15.8	3.9	....	15.8	7.2	....	7.0	3.7	....	5.5	2.3	....	3.6	1.7	....	1.8	1.3	....	2.3	1.3	....	4.0	2.1	....	6.6	2.4	....
Forsythe, Mo.	6.0	1.6	....	3.4	1.0	....	4.5	0.9	....	16.5	1.1	....	12.2	2.4	....	11.1	0.9	....	4.5	0.7	....	....	....	....	....	....	....	0.9	0.7	....	0.9	0.8	....	....	....	....
Cotter	5.4	2.7	....	3.7	1.9	....	4.5	1.5	....	16.4	2.4	....	11.9	4.2	....	10.1	2.1	....	4.7	1.5	....	1.5	0.9	....	1.8	0.7	....	1.3	0.6	....	2.0	1.1	....	17.4	1.8	....
Calico Rock	5.9	3.6	....	3.9	2.0	....	3.7	1.5	....	16.7	2.5	....	12.0	3.6	....	9.0	3.0	....	4.3	1.6	....	1.9	0.8	....	1.6	0.3	....	2.2	-0.1	....	1.8	0.1	....	2.3	0.5	....
Lock 3	11.3	8.7	....	9.4	7.3	....	9.3	7.1	....	20.5	7.6	....	17.0	10.5	....	14.1	8.5	....	9.8	6.9	....	7.0	6.1	....	6.7	5.9	....	6.9	5.7	....	7.2	5.8	....	8.0	6 3	....
Batesville	12.4	9.0	....	9.7	7.3	....	9.2	6.8	....	22.5	7.2	....	20.5	10.7	....	....	....	....	9.7	6.3	....	6.5	5.3	....	6.5	5.2	....	6.7	4.6	....	6.8	0.4	....	8.1	5.0	....
Newport	13.2	6.2	....	6.8	4.3	....	5.2	3.0	....	23.2	3.7	....	21.0	12.8	....	13.5	5.3	....	6.6	2.1	....	2.0	0.7	....	1.5	0.3	....	1.4	0.3	....	3.5	0.9	....	6.3	1.4	....
Augusta	27.2	19.0	....	19.6	16.2	....	17.1	14.9	....	31.8	15.9	....	31.3	27.1	....	27.5	17.6	....	18.6	13.3	....	13.3	11.6	....	12.4	10.7	....	12.4	10.5	....	15.2	11.7	....	19.5	13.1	....
Sugar Loaf	6.2	4.5	....	5.8	3.8	....	7.1	3.8	....	14.7	4.7	....	11.4	4.4	....	5.3	3.2	....	3.8	2.5	....	2.5	2.1	....	2.2	2.0	....	3.0	2.0	....	5.5	2.6	....	9.5	3.8	....
Georgetown	18.6	9.7	....	9.5	6.0	....	8.0	5.1	....	21.5	5.9	....	21.0	18.5	....	19.3	7.5	....	8.0	2.2	....	3.0	1.3	....	1.8	0.6	....	3.2	0.5	....	6.0	1.8	....	11.3	3.1	....
Des Arc	21.2	11.1	....	12.3	8.5	....	10.1	7.3	....	22.8	8.0	....	22.5	20.1	....	22.2	9.7	....	....	....	....	5.2	3.4	....	3.8	2.6	....	5.0	2.6	....	8.5	3.9	....	13.4	5.2	....
Clarendon	26.8	19.0	....	18.5	13.8	....	15.1	12.4	....	26.4	13.4	....	26.1	25.1	....	26.0	15.4	....	15.5	10.5	....	10.2	7.8	....	8.2	7.2	....	9.6	7.0	....	14.4	9.1	....	18.7	11.6	....
St. Charles	26.0	20.2	....	19.8	13.2	....	14.7	12.0	....	25.3	13.2	....	25.4	24.5	....	24.9	18.4	....	....	....	....	10.3	7.8	....	8.0	7.1	....	9.3	6.9	....	14.0	8.9	....	17.5	10.9	.
Glenwood	5.6	4.8	....	4.8	4.6	....	7.6	4.6	....	11.6	4.6	....	8.0	4.7	....	5.0	4.4	....	5.0	4.3	....	....	....	....	5.8	4.2	....	....	....	....	6.9	5.0	....	6.1	5.0	....
Arkadelphia	10.5	5.1	....	5.8	3.8	....	9.8	3.9	....	13.5	4.2	....	19.0	4.0	....	5.1	3.2	....	5.0	3.0	....	4.0	3.0	....	4.0	3.0	....	5.0	3.0	....	9.1	3.6	....	15.8	4.6	....
Boughton	10.5	6.3	....	7.0	5.1	....	13.2	4.4	....	13.5	5.4	....	21.7	5.5	....	7.0	4.3	....	5.3	3.9	....	14.6	3.6	....	10.9	4.2	....	10.6	3.9	....	15.9	6.7	....	18.0	6.4	....
Camden	17.4	9.2	....	10.5	6.2	....	19.9	6.5	....	23.8	8.7	....	29.4	9.5	....	10.9	4.1	....	....	....	....	8.5	3.6	....	10.8	4.2	....	8.1	3.9	....	17.2	7.0	....	25.8	8.8	....
Benton	9.6	5.5	....	6.6	4.9	....	8.7	4.9	....	15.5	5.7	....	12.1	5.6	....	5.7	3.7	....	3.9	2.4	.	2.8	2.4	....	3.4	2.4	....	11.1	2.8	....	12.2	4.5	....	14.3	5.0	....
Index	12.8	9.0	....	9.0	8.4	....	14.3	7.4	....	....	....	....	20.4	11.0	....	20.6	9.9	....	13.4	7.6	....	7.8	6.7	....	8.8	6.0	....	....	....	....	7.4	5.9	....	14.2	6.4	....
Fulton	13.7	10.0	....	10.0	7.8	....	17.4	7.3	....	....	....	....	25.5	14.1	....	22.1	10.4	....	14.6	7.6	....	12.7	6.7	....	15.2	7.5	....	9.9	6.4	....	11.8	8.1	....	18.2	8.0	....
St. Francis	12.5	8.6	....	12.2	6.5	....	8.5	5.8	....	19.6	8.0	....	20.4	9.1	....	13.8	4.6	....	18.9	3.6	....	5.8	2.6	....	5.7	2.3	....	4.1	1.9	....	10.0	3.5	....	13.0	5.7	....
St. Francis LL	22.6	21.0	....	20.8	19.8	....	19.9	19.1	....	23.1	19.2	....	23.0	21.1	....	21.3	19.5	....	21.7	18.9	....	19.4	16.8	....	19.3	13.9	....	18.0	13.5	....	20.3	17.0	....	21.8	19.8	....
Marked Tree	8.4	6.8	....	7.4	5.0	....	6.7	5.0	....	8.8	5.5	....	8.1	7.0	....	8.9	6.4	....	7.8	6.1	....	6.4	1.2	....	4.2	0.6	....	4.4	0.6	....	5.5	1.0	....	6.9	1.6	....
Parkin	12.3	9.7	....	10.6	5.9	....	8.2	5.9	....	16.3	6.2	....	16.9	10.1	....	17.2	9.4	....	13.9	6.4	....	6.3	2.5	....	3.7	1.4	....	3.4	1.4	....	7.9	1.9	....	8.1	3.1	....
Madison	15.8	8.4	....	16.0	4.8	....	6.7	5.0	....	22.6	4.8	....	22.7	13.8	....	21.5	15.5	....	19.6	5.2	....	4.4	1.4	....	2.0	0.4	....	2.4	-0.4	....	6.2	0.6	....	7.7	3.1	....
Helena	33.8	12.2	....	33.9	12.4	....	23.5	11.4	....	40.4	21.2	....	40.2	25.8	....	38.9	33.8	....	37.6	15.0	....	14.4	9.2	....	10.4	6.1	....	6.9	3.5	....	9.7	6.2	....	12.1	5.2	....
Arkansas City	27.8	13.8	....	28.1	11.3	....	20.1	9.6	....	34.9	18.4	....	35.6	28.5	....	33.1	30.9	....	32.9	14.4	....	13.5	7.4	....	8.3	4.1	....	5.6	1.6	....	8.4	3.5	....	11.1	4.3	....

winter grains and berries.

March continued the dry and cold weather of February and became the second coldest March in 57 years. The precipitation was 57% of normal, but fairly well distributed over the month. Considerable farm work was accomplished.

APRIL'S weather was just about normal, with both temperature and precipitation slightly above the average. Minor flood occurred about middle of the month, and again at the close. Thunderstorms and tornadoes resulted in the deaths of 9 people and injury to more than 50; monetary damage was approximately $350,000.00. April was the most favorable to Agriculture, in spite of slight damage to Cotton and Corn. Killing frost occurred at many stations on the 17th.

May was about an average month, with all farm operations progressing nicely. Thunderstorms were general over the State on the 1st. The Northeast portion was hit hard by these storms; one person was killed and 35 injured, monetary damage was $200,000.00. Two persons were killed by lightning during the month.

June was another near-normal month as far as temperature and precipitation were concerned. Crops fared well, except Cotton was retarded slightly by the cool nights from the 13th to 17th. Several storms struck the State during the month killing 36, injuring 300, and monetary damage of more than a million dollars. The worst of these was a tornado near Pine Bluff on the 1st.

July was below the average in both temperatures and rainfall, and was favorable to only one crop, Cotton. Fruit and vegetables suffered the most from the dry weather. A hailstorm occurred in Craighead County on the 14th doing $100,000.00 damage to Cotton. Two were killed by Lightning during the month.

August continued the shortage of rainfall, and also became the fourth hottest August of record. This combination was damaging to all crops. All stations in the State, except Turnpike with 99°, reported a number of days with temperatures above the 100° mark. Minor floods occurred in the southwest corner of the State at the close of the month.

September brought the hottest weather of the year, with the breaking of long-standing records at more than 30 stations during the first 10 days. Rainfall was near normal again, and crops benefited accordingly.

October started out cool and ended up as the warmest October of record. Precipitation was also above normal and was very encouraging as far as 1948 crops were concerned. Lightning caused some damage at Weiner on the 26th.

NOVEMBER was a little cooler than usual, and the rainiest of record (greatest number of days with rain), but not the wettest. The month was very favorable to winter grains and pastures. Killing frosts were general over the State on the 12th.

DECEMBER was a near normal month in both temperature and precipitation. The latter part of the month ended up with the warmest days, heavy rains, and a series of tornadoes. The tornadoes, on the 31st, resulted in 2 deaths, injury to 99, and $215,500.00 damage.

J.C.H.

The departures from normal temperature and precipitation are computed from averages of the entire period for stations having 10 or more years of record.

T., less than 0.01 inch rain or melted snow. Reference letters a, b, c, appearing in the table indicate number of days missing. § Also on later dates.

†Post-office addresses of these stations as follows: Alum Fork Reservoir, Paron; Beaty Lake, Forest City: Bethesda, Batesville: Big Lake Outlet, Manila; Boughton, Route 4, Prescott; Cold Springs, Olio; Devils Knob, Salus; Eagle Gap, Eagleton; Eleven Point, Rt. 1, Ravendon Springs: Fordyce, Rt. 1, Fordyce: Fort Smith Water Plt, Mountainburg; Green Mountain, Calico Rock: Huttig, Felsenthal: Index, Route 5, Texarkana; Lutherville Route 1, Lamar; Moro Bay, Route 3, ElDorado: Morrilton, Rt. 3, Morrilton: Mulberry, Rt 1, Mulberry; Nimrod, Ola: Odell, Route 1, Canehill; Rosebud Route 1, Mount Vernon; Sheridan, Hensley; Sparkman, Route 1, Sparkman; Springbank, Doddridge: Stamps Buckner; Turnpike, Dover; Walnut Grove, Cord; White Rock, Cass,

‡ -10.2

COOPERATIVE OBSERVERS

Stations	Observers	Stations	Observers
Abbott	J. V. Williams	Huttig	U. S. Engineers
Alum Fork	L. R. Water Works	Index	W. E. McDowell
Aplin	L. C. Dooley	Jonesboro	Benedictine Sisters
Arkadelphia	W. H. Halliburton	Lake City	Mrs. Tressa St. Clair
Arkansas City	John W. Trammell	Lead Hill	F. W Kellogg
Ashdown	Southwest G. & E. Co.	Little Rock	U. S. Weather Bureau
Augusta	David G. Griffiths	Lutherville	Mrs. H. G. Lenhardt
Batesville Airwy	Airway Observer	Madison	J. W. Eppes
BatesvilleLivstk.	Univ. of Arkansas	Magnolia	State Agri. School
Batesville River.	Mrs. B. M. Huddlestan	Mammoth Spring	Catherine S. Cox
Beaty Lake (nr)	L. G. Adamson	Marianna	University of Ark.
Beaver	H. E. Skelton	Marked Tree	Charles Walton
Bee Branch	Minnie Scanlan	Marshall	Minnie W. Horton
Beech Grove	B. B. Hammond	Marvell	J. D. Lowrie
Beedeville	Paul M. Breckenridge	Melbourne	Walter E. Hall
Benton	Mrs. Etta C. Burks	Mena	E. W. St. John
Bentonville	E. L. Brown	Monticello	Airway Observer
Bethesda	Soil Conservation Ser.	Moro Bay(near)	U. S. Engineers
Big Flat	W. C. Norman	Morrilton	L. A. Dicus
Big Lake Outlet	N. W. Douglas	Mountainburg	C. A. Lovell
Black Rock	John H. Ragan	Mountain Home	H. N. Halbert
Blytheville	R. E. Blaylock	Mountain View	Dr. Worthington
Booneville(near)	F. H. Randolph	Mount Ida	J. S. Whittington
Booneville (rvr)	Cleo E. Yandell	Mulberry	H. G. Arvin
Boughton	Mrs. Maxine K. Allen	Nashville	Brice Carruth
Bradford	Marshall Hickmon	Newport	Willis T. Moyer
Brinkley	Robert L. Glover	Nimrod Dam	U. S. Engineers
Burdette	G. A. Hale	Oark	W. N. Cowan
Calico Rock	William Jones	Odell (near)	Clara W. Hurst
Camden	John M. Knight	Oden	U. S Forest Service
Camp Chaffee	U. S. Army	Okay	Joe T. Hargis
Carlisle	R. W. Hollis	Osceola	C. E. Carter
Clarendon	B. F. Northern	Ozark	O. O. Milton
Cold Springs	Margaret Zornes	Paragould	Radion Station KDRS
Conway	G. Y. Short	Parkin	Carroll King
Corning	Mrs. Laura Polk	Perryville	Pauline Bennett
Cotter	O. B. McSpadden	Pine Bluff	Mary T. Scheu
Crossett(near)	U. S. Forest Service	Pine Ridge	J. R. Huddleston
Cummins Farm	T. C. Cogbill	Pocahontas	Benedictine Sisters
Danville	J. A. Moudy	Portland	Pearl E Newton
Dardanelle	G. N. Goodier	Prescott	R. P. Hamby
DeQueen	L. D. McCown	Ratcliff	Ola H. Richey
Dermott	L. W. Wilson	Red Star	Orvall F. Calloway
Des Arc	C. J. Rister	Rogers	Howard Fowler
Devils Knob	U. S. Forest Service	Russellville	U. S. Forest Service
Dumas	Ben Johnson	St. Charles	U. S BiologicalSurvey
Eagle Gap	Mina C. Rabb	St. Francis	W. S. Buckley
El Dorado	Almer H. McBride	Searcy	Arthur D. Smith
Eleven Point	John F. Stevens	Sheridan (near)	Ellis Moore
Eureka Springs	George W. Nichoalds	Shirley	Maude H. Bradford
Evening Shade	Opha Wolfe	Siloam Springs	John Brown Univ.
Fayetteville	Charles F. Ford	Sparkman	Rachel M. Butler
FayettevilleExp.	Univ. of Arkansas	Stamps (near)	Ark. Forestry Comm.
Fordyce	Ark. Forestry Comm.	Stephens	Ark. Forestry Comm.
Forester	Mary A. Mathews	Steve	T. P. Sims
Fort Smith	U. S. Weather Bureau	Story	S. C. Story
Ft. Smith Wt. P.	R. J. Schoeppe	Stuttgart	George L. Clark
Fulton	Ina J. Logan	Stuttgart Evap.	Univ. of Arkansas
Garland	L. D. Denney	Subiaco	New Subiaco Abbey
Georgetown	J. S. McDonald	Sugar Grove	O. R. Fennell
Gilbert	D. O. Dennis	Sugar Loaf	Santfred Reynolds
Glenwood	C. A. Price	Texarkana	U. S. Weather Bureau
Grannis	W. E. McVay	Tichnor	W. W. Dike
Gravelly	H. L. Frizzell	Turnpike	U. S. Forest Service
Gravette	J. A. Schmidt	Viola	A. F. King
Green Forest	O. B. Wilson	Waldron	William D. Bivins
Green Mountain	U. S. Forest Service	Walnut Grove(near)	A. H. Fast
Greenwood	A. F. Bianchi	Warren	C. N. Turner
Harrison	R. C. Beene	Whitecliffs	L. M. Snead
Helena	James A. Burnett	White Rock	U. S. Forest Service
Henderson	Almo Porter	Wilson	D. O. Anderson
Hope	Univ. of Arkansas	Wynne	Philip G. Queensberry
Hot Springs	National Park Service		

EXCESSIVE PRECIPITATION FOR 1947

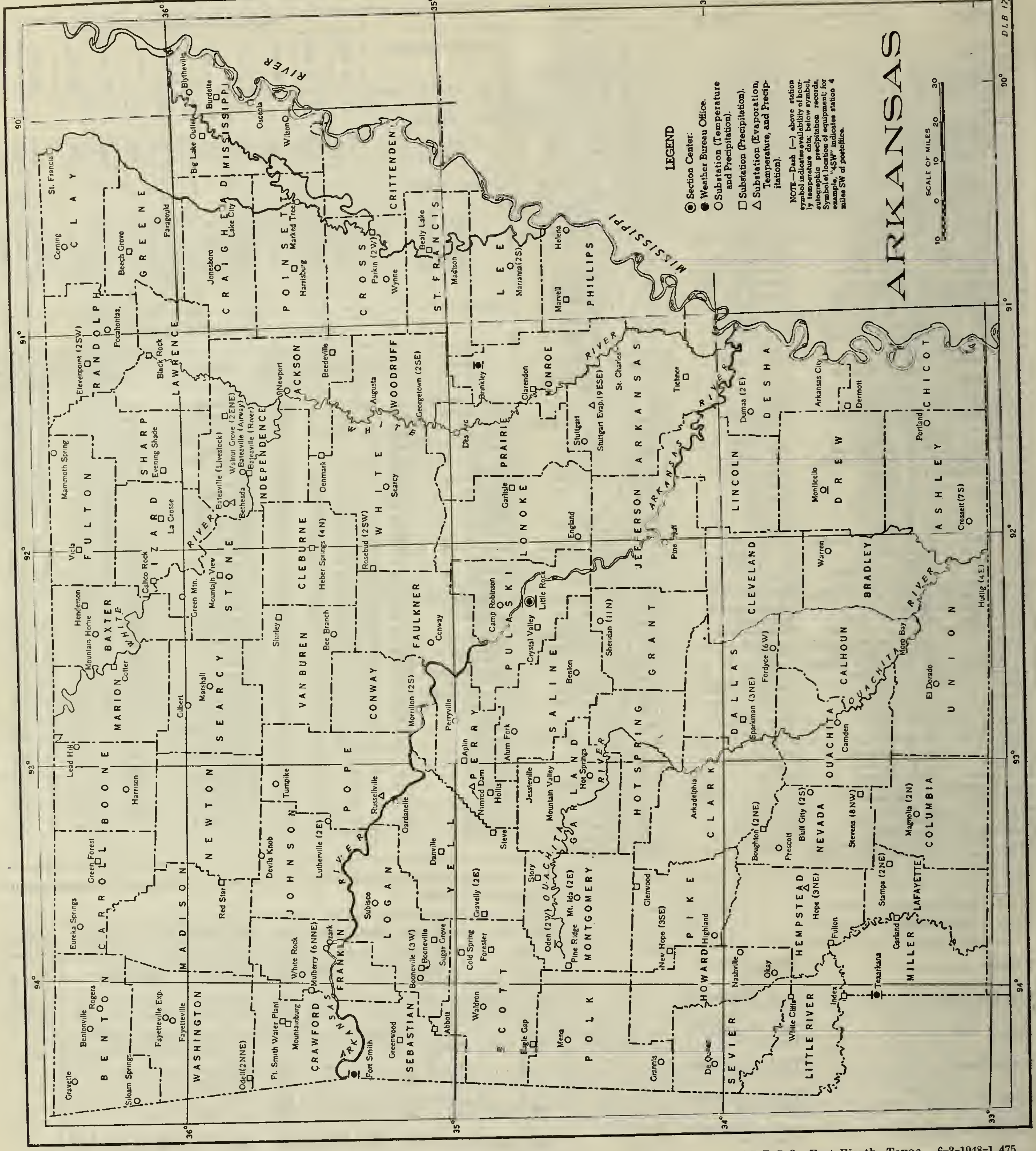
Station and date	Maximum amounts of precipitation										
	5 min.	10 min.	20 min.	30 min.	45 min.	60 min.	80 min	100 min.	120 min.	150 min.	180 min.
FORT SMITH											
May 12	0.41	0.62	0.84	0.88	1.05	1.12	1.16	1.16	1.16	1.16	1.16
Sept. 11	0.55	0.78	0.84	0.88	1.20	1.24	1.32	1.51	1.61	1.68	1.71
LITTLE ROCK											
May 20	0.43	0.67	0.86	0.93	0.97	0.98	0.98	1.02	1.07	1.12	1.12
May 24	0.42	0.64	0.89	1.02	1.13	1.17	1.18	1.19	1.19	1.19	1.19
June 1	0.34	0.59	1.12	1.66	1.87	2.05	2.53	2.54	2.54	2.60	2.60
June 23	0 20	0 38	0.70	0.86	0.93	0.93	0.96	0.97	1.10	1.16	1.17
Sept. 20	0.53	0.81	0.87	0.90	0.90	0.91	0.94	0.94	0.94	0.95	0.96

KILLING FROSTS, 1947

Stations	Last in spring	First in autumn	Length growing season	Stations	Last in spring	First in autumn	Length growing season
Alum Fork Res	Apr. 17	Nov. 8	205	LITTLE ROCK	Mar. 28	Nov. 8	225
Arkadelphia	Mar. 29	Nov. 8	224	Lutherville	Mar. 28	Nov. 8	225
Ashdown	Apr. 18	Nov. 8	204	Magnolia	Mar. 28	Nov. 8	225
Batesville	Mar. 28	Nov. 9	226	MammothSpring	Apr. 17	Nov. 5	202
Batesville Lives	Mar. 28	....	....	Marianna	Mar. 28	Nov. 8	225
Bee Branch	Apr. 17	Nov. 8	205	Marked Tree	Mar 29	Nov. 8	224
Benton	Mar. 31	Nov. 8	222	Marshall	Apr. 17	Nov. 12	209
Bentonville	Apr. 17	Nov. 8	205	Mena	Apr. 17	Nov. 8	205
Bethesda	Apr. 17	Nov. 6	203	Monticello	Mar. 28	Nov. 8	225
Blytheville	Mar. 28	Nov. 12	229	Morrilton	Mar. 29	Nov. 8	224
Booneville	Apr. 17	Nov. 8	205	Mountain Home	Apr. 17	Nov. 8	205
Brinkley	Mar. 28	Nov. 8	225	Mount Ida	Apr. 18	Nov. 5	201
Camden	Mar. 29	Nov. 9	225	Nashville	Mar. 28	Nov. 8	225
Camp Chaffee	Mar. 30	Nov. 8	223	Newport	Mar. 28	Nov. 8	225
Conway	Mar. 28	Nov. 8	225	Nimrod Dam	Mar. 29	Nov. 8	224
Corning	Apr. 17	Nov. 8	205	Oden	Apr. 17	Nov. 5	202
Crossett	Mar. 28	Nov. 8	225	Okay	Mar. 28	Nov. 8	225
Cummins Farm	Mar. 28	Nov. 25	242	Ozark	Mar. 28	Nov. 8	225
Dardanelle	Mar. 28	Nov. 8	225	Paragould	Apr. 17	Nov. 8	205
De Queen	Apr. 17	Nov. 8	205	Perryville	Mar. 28	Nov. 9	226
Des Arc	Mar. 28	Nov. 12	229	PineBluff	Mar. 28	Dec. 1	248
Devils Knob	Apr. 17	Nov. 7	204	Pocahontas	Mar. 31	Nov. 8	222
Dumas	Mar. 28	Nov. 8	225	Portland	Mar. 28	Nov. 12	229
El Dorado	Mar. 28	Nov. 8	225	Prescott	Mar. 16	Nov. 12	241
Enreka Springs	Mar. 28	Nov. 11	228	Rogers	Apr. 17	Nov. 7	204
Fayetteville	Apr. 17	Nov. 11	208	Russellville	Mar. 28	Nov. 8	225
Fayetteville Ex	Apr. 17	Nov. 8	205	St. Charles	Mar. 28	Nov. 12	229
Fordyce	Mar. 28	Nov. 12	229	Searcy	Mar. 28	Nov. 8	225
Fort Smith	Mar. 28	Nov. 8	225	Sheridan	Apr. 17	Nov. 8	205
Gilbert	Apr 17	Nov. 5	202	Siloam Springs	Apr. 17	Nov. 11	208
Grannis	Apr. 16	Nov. 7	205	Stuttgart	....	Nov. 12	....
Gravette	Apr. 17	Nov. 5	202	Stuttgart Rice	Mar. 28	Nov. 8	225
GreenMountain	....	Nov. 26	....	Subiaco	Mar. 28	Nov. 8	225
Harrison	Apr. 17	Nov. 6	203	Texarkana	Mar. 16	Nov. 12	241
Helena	Mar. 28	Nov. 12	229	Turnpike	Mar. 28	Nov. 11	228
Hope	Mar. 28	Nov. 12	229	Waldron	Apr. 17	Nov. 8	205
Hot Springs	Mar. 28	Nov. 12	229	Warren	Mar. 30	Nov. 9	224
Jonesboro	Mar. 28	Nov. 9	226	White Rock	Mar. 28	Nov. 7	224
Lead Hill	Apr. 17	Nov. 6	203	Wilson	....	....	....

In a few instances, no killing frost was reported; then the latest or earliest, date of freezing was used.

STATIONS	DATA	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Bethesda	Total Evaporation	......	......	......	......	7.343	6.545	9.398	9.792	7.991	5.275	2.514	......	....
	Total Wind	1,780	2,273	2,593	2,537	1,421	1,177	879	707	837	443	1,052	......	....
Hope Exp. Farm	Total Evaporation	1.841	2.367	3.577	4.610	6.191	6.858	8.426	9.242	5.817	4.525	2.277	1.925	57.656
	Total Wind	1,466	1,449	1,760	1,445	1,011	966	872	774	1,028	589	1,167	1,071	13,598
Nimrod Dam	Total Evaporation	......	......	......	4.585	6.360	7.192	9.010	9.876	7.046	4.509	......	......	....
	Total Wind	862	1,229	1,334	1,246	1,213	1,164	666	719	664	253	1,174	......	....
Norfolk Dam	Total Evaporation	......	......	3.314	5.228	6.941	7.721	8.728	9.691	7.691	4.956	......	......	....
	Total Wind	......	......	1,570	1,736	1,011	1,065	771	880	1,136	783	......	1,251	....
Russelville	Total Evaporation	......	......	3.011	3.884	5.836	6.476	7.499	......	......	......	......	......	....
	Total Wind	776	1,062	1,142	854	531	375	290	388	495	266	......	......	....
Stutgart Rice Exp. Farm	Total Evaporation	......	......	2.371	3.763	5.530	6.005	6.992	7.370	6.631	3.192	1.384	1.395	....
	Total Wind	1,935	1,740	2,260	2,120	1,580	1,630	860	935	......	735	1,305	1,305	....


ARKANSAS
LEGEND
◉ Section Center.
● Weather Bureau Office.
○ Substation (Temperature and Precipitation).
□ Substation (Precipitation).
△ Substation (Evaporation, Temperature, and Precipitation).
NOTE—Dash (—) above station symbol indicates availability of hourly temperature data; below symbol, autographic precipitation records. Symbol at location of equipment; for example, "4SW" indicates station 4 miles SW of postoffice.
SCALE OF MILES
10 0 10 20 30
DLB 12/44
36°
35°
34°
33°
90°
91°
92°
93°
94°
MISSISSIPPI RIVER
ARKANSAS RIVER
WHITE RIVER
OUACHITA RIVER
RED RIVER
BENTON
CARROLL
BOONE
MARION
BAXTER
FULTON
SHARP
RANDOLPH
CLAY
GREENE
LAWRENCE
IZARD
STONE
SEARCY
NEWTON
MADISON
WASHINGTON
CRAWFORD
FRANKLIN
JOHNSON
POPE
VAN BUREN
CLEBURNE
INDEPENDENCE
JACKSON
CRAIGHEAD
MISSISSIPPI
POINSETT
CROSS
CRITTENDEN
ST. FRANCIS
WOODRUFF
WHITE
FAULKNER
CONWAY
PERRY
YELL
LOGAN
SEBASTIAN
SCOTT
POLK
MONTGOMERY
GARLAND
SALINE
PULASKI
LONOKE
PRAIRIE
MONROE
LEE
PHILLIPS
ARKANSAS
JEFFERSON
GRANT
HOT SPRING
CLARK
PIKE
HOWARD
SEVIER
LITTLE RIVER
HEMPSTEAD
NEVADA
DALLAS
CLEVELAND
LINCOLN
DESHA
DREW
BRADLEY
CALHOUN
OUACHITA
COLUMBIA
LAFAYETTE
MILLER
UNION
ASHLEY
CHICOT
Gravette
Bentonville
Rogers
Siloam Springs
Fayetteville Exp.
Fayetteville
Eureka Springs
Green Forest
Lead Hill
Harrison
Mountain Home
Henderson
Cotter
Gilbert
Marshall
Viola
Mammoth Spring
Calico Rock
Evening Shade
La Crosse
Corning
St. Francis
Elevenport (2SW)
Pocahontas
Beech Grove
Paragould
Black Rock
Jonesboro
Lake City
Big Lake Outlet
Blytheville
Burdette
Osceola
Wilson
Harrisburg
Marked Tree
Parkin (2W)
Wynne
Beaty Lake
Madison
Marianna (2S)
Helena
Marvell
Brinkley
Clarendon
Stuttgart
Stuttgart Exp. (9ESE)
St. Charles
Tichnor
Des Arc
Carlisle
England
Georgetown (2SE)
Augusta
Searcy
Beedeville
Newport
Walnut Grove (2ENE)
Batesville (Livestock)
Batesville (Airway)
Batesville (River)
Bethesda
Denmark
Rosebud (2SW)
Heber Springs (4N)
Mountain View
Green Mtn.
Shirley
Bee Branch
Conway
Morrilton (2S)
Perryville
Camp Robinson
Little Rock
Crystal Valley
Benton
Sheridan (1 IN)
Pine Bluff
Dumas (2E)
Arkansas City
Dermott
Monticello
Warren
Portland
Crossett (7S)
Hutting (4E)
Fordyce (6W)
Sparkman (3NE)
Camden
Moro Bay
El Dorado
Magnolia (2N)
Stevens (8NW)
Bluff City (2S)
Prescott
Boughton (2NE)
Stamps (2NE)
Garland
Texarkana
Fulton
Hope (3NE)
Index
White Cliffs
Okay
Nashville
De Queen
Grannis
New Hope (3SE)
Highland
Glenwood
Arkadelphia
Hot Springs
Mountain Valley
Jessieville
Alum Fork
Aplin
Nimrod Dam
Hollis
Steve
Story
Mt. Ida (2E)
Oden (2W)
Pine Ridge
Mena
Eagle Gap
Waldron
Forester
Cold Spring
Gravelly (2E)
Sugar Grove
Abbott
Booneville (3W)
Booneville
Greenwood
Fort Smith
Ft. Smith Water Plant
Mountainburg
Odell (2NNE)
Mulberry (6NNE)
White Rock
Ozark
Subiaco
Danville
Dardanelle
Russellville
Lutherville (2E)
Devils Knob
Turnpike
Red Star

51.05
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53'

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UNIVERSITY OF ILLINOIS

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LIII LITTLE ROCK, ARK., JANUARY, 1948 No. 1

PRICE: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

January 1948 turned in a very disastrous report for itself. Two concurrent weather factors were responsible for this; first, the continuous cold weather of the latter half of the month; second, the fairly continuous snows, sleet, and rain during the same period causing a glaze storm over the entire State.

The continuous cold coupled with the various types of precipitation resulted in ten to twenty millions of dollars of damage to the highways and roads of the State. Final figures probably will not be known until Summer. The constant night freezing and slight thawing in the daytime caused heaving of paved roads, and almost complete disappearance of some gravel roads. Then to completely stop traffic the last week of the month, what travelable roads were left became covered with a thick coat of snow, sleet, and glaze.

The glaze storm which began Janauary 26th, hit the two southern tiers of Arkansas Counties the hardest. All communications, power, and transportation were out for most of the last week of January with damage estimated as follows: Utilities $1,000,000.00; Forest damage between five and ten millions of dollars. The final figures for loss over the State is going to run close to $20,000,000.00.

In addition to the monetary losses, comes the loss of life, due indirectly to the cold and ice. These deaths total 29 over the State, and were due to falls on the ice; auto accidents on the ice; and fires. Several hundred fractures were reported over the State, with more than one hundred reported in Little Rock alone.

This January has been compared with the severe winters of earlier years, 1905, and in the latter part of the Nineteenth Century, but indications are that more suffering occurred this year because of the complete stoppage of all modern conveniences in communities. Even gas for heating was cut off in some areas due to break in lines. Many factories, local businesses, and schools were closed because of limited gas supplies.

Communications in many of the southern cities of the State were completely out, except for an occasional amatuer, or Naval Reserve, Radio Station.

Amount of farm work accomplished reached a new low, with the only activities being butchering, wood-cutting, fence-work, and other similar work. Subsoil moisture continues low and practically every station in the State showed deficiencies in precipitation for the month. There were no serious floods during the month. Minor floods did occur on the Ouchitia and Black Rivers, with little damage due to the season of the year. Considerable livestock was removed to higher ground due to warnings.

TEMPERATURE

The mean temperature for January 1948 was 33.5°, 7.6° below the 58-year average. This is the fourth coldest January of record, and the coldest since 1940. No new records for extreme low temperatures were set, but the continued low temperatures during the latter part of the month brought the average down.

The lowest for the month was —7°, reported by Marianna on the 18th. Eleven other stations reported zero, or below, during the month. The month's high of 77° was reported by the Stuttgart Rice Branch Station on the 9th.

Summary Continued on Page 4

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	21	..	..	..	..	..	..	1	1	..	1	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
High Winds	44	1	1	3	2	..	1	2	1	..	1	7	8	8	6	6	1	..	..	1	4	10	8	..	..	4	4	1	2	..	1
Heavy Fog	8	1	..	..	..	1	5	14	33	1	5	12	1	..	..	1	..	1	..	4	13	6	2	..	3	3	4	..	4	5	3
Sleet	15	..	..	..	..	..	..	1	1	..	7	6	..	..	1	15	2	1	2	8	2	3	..	5	14	72	47	32	92	24	..
Hail	3	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	2	1	..	1	..	..
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.67	27	29.44	1	7.5	30	w.	1	78	55	62	51	979
Little Rock	30.64	28	29.43	1	8.7	38	sw.	1	76	61	60	48	929
Memphis	30.60	28	29.54	22	9.3	34	sw.	1	79	59	68	51	1015
Texarkana	30.61	17	29.56	22	....	38	w.	1	82	64	67	..	660

COMPARATIVE DATA FOR JANAURY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	41.6	71	13	5.34	....	10	10	6	15
1892	34.7	74	−14	2.48	3.0	6	18	5	8
1893	38.5	80	−13	1.13	5.6	2	17	8	6
1894	43.5	77	−22	3.63	1.3	7	13	8	10
1895	36.9	78	− 5	5.19	7.0	8	9	6	16
1896	41.4	78	4	4.09	1.0	8	10	6	15
1897	38.9	76	− 2	6.78	1.0	8	13	5	13
1898	45.5	81	10	7.93	T.	9	10	8	13
1899	39.3	75	− 9	5.91	2.3	7	12	6	13
1900	43.4	78	1	2.69	0.2	7	13	7	11
1901	45.6	78	7	2.21	T.	5	16	7	8
1902	38.0	79	2	4.13	1.8	8	11	6	14
1903	40.2	80	7	2.60	0.2	6	13	8	10
1904	38.9	75	− 5	3.81	1.5	6	15	8	8
1905	33.3	73	13	4.58	3.6	6	12	8	11
1906	43.1	82	− 2	5.19	2.0	6	14	5	12
1907	49.2	82	− 8	5.80	0.8	11	8	7	16
1908	41.7	78	6	3.75	1.5	7	14	7	10
1909	43.8	82	−19	1.79	2.4	6	4	7	20
1910	41.8	78	− 7	2.59	4.3	6	16	6	9
1911	47.6	86	− 9	1.02	0.2	6	8	10	13
1912	34.3	79	−16	3.01	1.9	6	13	10	8
1913	44.0	78	− 1	8.45	0.1	10	12	7	12
1914	46.6	82	7	1.57	1.5	4	13	9	9
1915	39.3	74	− 3	4.38	2.3	8	10	6	15
1916	44.3	82	− 6	9.39	0.5	12	8	4	19
1917	44.0	82	− 4	3.66	3.8	7	11	5	15
1918	27.3	80	−23	4.39	17.6	8	13	4	14
1919	41.4	75	− 3	3.00	0.4	6	16	5	10
1920	39.6	82	11	6.49	0.8	8	12	4	15
1921	46.9	85	6	2.07	2.1	6	11	6	14
1922	39.1	74	4	2.63	1.0	7	8	5	18
1923	48.6	80	15	5.78	0.1	9	14	5	12
1924	36.1	79	− 6	3.19	0.4	7	15	3	13
1925	40.8	76	− 4	2.68	1.3	8	14	4	13
1926	40.5	77	−17	4.69	2.5	7	13	6	12
1927	42.6	79	− 1	5.41	0.1	10	14	3	14
1928	42.7	90	−10	2.05	0.2	5	16	6	9
1929	39.4	79	2	5.08	0.1	10	12	5	14
1930	33.8	74	−28	9.16	5.0	12	11	3	17
1931	42.3	76	0	1.14	0.4	5	15	6	10
1932	46.2	80	11	9.67	T.	11	12	5	14
1933	48.8	81	11	3.67	T.	9	12	6	13
1934	44.5	78	2	2.85	0.1	8	12	5	14
1935	43.6	86	−11	5.79	0.9	6	14	7	10
1936	37.1	83	− 1	1.05	3.5	5	14	7	10
1937	41.9	80	9	12.61	0.7	17	4	3	24
1938	42.5	81	4	6.48	T.	7	14	6	11
1939	45.5	83	12	6.21	0.5	10	14	6	11
1940	28.0	74	−14	1.56	5.9	7	14	6	11
1941	43.6	76	5	3.43	0.3	9	12	7	12
1942	38.1	83	−21	3.20	4.4	7	16	7	8
1943	41.8	87	− 9	1.00	1.2	3	15	8	8
1944	42.2	82	−15	2.50	6.5	6	12	7	12
1945	40.2	80	7	2.37	1.8	8	29	6	13
1946	41.1	78	5	7.50	1.7	12	12	6	16
1947	42.5	81	− 4	2.33	0.9	9	8	6	17
1948	33.5	77	− 7	3.32	5.0	7	..	..	..
Period	41.1	90	−28	4.25	2.0	8	..	..	..

MAT. HIST.

Climatological Data for January, 1948

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.: Mean	Departure from the normal	Highest	Date	Lowest	Date	Precipitation, in inches: Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	No. of days: With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy	Prevailing direction of wind	Observers
Alum Fork***	Saline	755	11	34.5	− 6.1	63	1	7	24	2.42	−1.16	1.00	1	5.5	9					L. R. Water Works
Arkadelphia	Clark	200	52	34.0	− 9.8	68	1	9	18†	4.13	−0.50	1.97	1	7.9	12					W. H. Halliburton
Ashdown	Little River	329	4	34.5	......	71	1	11	23	5.51	......	2.44	1	3.5	9					Southwestern G. & E.
Batesville Airway	Independence	363	12	32.4	− 6.1	70	8	7	24†	1.51	......	0.63	12	3.5	9					Airway Observer
Batesville Livestk.	Independence	500	7	31.6	......	70	9	3	24	4.24	......	2.40	2	2.4	7					University of Arkansas
Bee Branch	Van Buren	650	55	33.0	− 7.5	65	8	6	24	1.29	−2.99	0.89	12	2.0	3					Minnie Scaulan
Benton	Saline	285	12	30.4	− 9.2	60	1	4	24	2.96	......	1.75	1	6.1	12					Mrs. Etta C. Burks
Bentonville	Benton	1295	42	28.0	− 8.6	65	9	1	28	3.18	+0.51	2.01	1	4.2	6					E. L. Brown
Bethesda***	Independence	500	8	30.9	......	68	9	3	24	3.39	......	2.45	1	2.0	6					Soil Cons. Service
Black Rock	Lawrence	259	46	....	......	......	......	......	......	2.15	−2.30	1.26	1	3.1	3					J. H. Ragan
Blytheville	Mississippi	252	22	....	......	......	......	......	......	....	......	....	......	......	....					R. E. Blaylock
Booneville 3 miles w	Logan	465	33	35.8	− 5.4	69	8	7	24	1.99	−1.74	1.33	1	2.1	6					F. H. Randolph
Brinkley	Monroe	205	56	34.4	− 7.6	65	1†	6	18	3.79	−1.41	1.93	1	3.7	13					Robert L. Glover
Camden	Ouachita	116	62	....	......	......	......	......	......	....	......	....	......	......	....					J. M. Knight
Camp Chaffee	Sebastian	419	4	^{d}33.2	......	68	9	8	28	3.22	......	2.67	1	1.8	7					U. S. Army
Clarendon	Monroe	172	43	....	......	......	......	......	......	3.82	−0.85	1.83	1	5.2	11					B. F. Northern
Conway	Faulkner	309	64	35.6	− 6.4	66	8	7	24	0.99	−3.42	0.35	12	2.2	9					G. Y. Short
Corning	Clay	293	54	30.2	− 7.8	64	9	4	24†	4.29	+0.01	3.19	1	2.4	7					Mrs. Laura Polk
Cotter	Baxter	440	20	....	......	......	......	......	......	4.12	+1.05	3.58	1	3.5	5					O. B. McSpadden
Crossett 7 miles s	Ashley	175	35	37.6	− 7.3	70	8	−3	18	4.74	−0.84	2.22	1	6.5	9					U. S. Forest Service
Cummins Farm***	Lincoln	176	4	34.9	......	69	8	1	18	3.58	......	1.60	1	3.6	5					T. C. Cogbill
Danville	Yell	327	31	....	......	......	......	......	......	4.42	+0.50	3.86	1	3.5	8					J. A. Moudy
Dardanelle	Yell	330	61	36.2	− 5.0	67	8	8	24†	4.36	+0.83	3.76	1	0.6	6					Geo. N. Goodier
DeQueen	Sevier	426	12	36.6	− 6.6	65	9	9	24	0.65	−3.07	0.40	25	4.0	2					L. D. McCown
Des Arc	Prairie	204	9	33.4	......	60	1	9	24	3.04	......	1.74	1	5.5	7					Z. R. Glenn
Devil's Knob***	Johnson	2350	11	29.4	......	61	9	−2	24†	3.03	......	1.04	1	9.7	8					U. S. Forest Service
Dumas	Desha	162	42	36.2	− 8.3	72	8	4	18	4.01	−0.97	1.55	27	13.0	8					Ben Johnson
El Dorado	Union	270	47	37.6	− 8.6	72	8	3	18	5.11	−0.52	2.18	1	10.3	13					Airway Observer
England	Lonoke	229	41	....	......	......	......	......	......	....	......	....	......	......	....					Joseph M. Dolan
Eureka Springs	Carroll	1465	47	31.0	− 7.3	63	8	1	24†	1.42	−1.79	0.88	1	6.2	7					Geo. W. Nichoalds
Fayetteville	Washington	1334	10	31.4	......	64	8	2	28	1.17	......	0.60	1	5.5	9					Charles F. Ford
Fayetteville Exp	Washington	1451	60	31.4	− 6.6	64	8	0	28	1.33	−1.55	0.68	1	7.2	8					University of Arkansas
Fordyce	Dallas	280	7	37.2	− 7.5	71	1	4	18	6.87	+1.78	1.76	1	9.0	10					Ark. Forestry Com.
Fort Smith	Sebastian	448	66	33.4	− 6.1	66	8	9	28	0.79	−1.75	0.40	12	2.9	6					U. S. Weather Bureau
Fulton	Hempstead	260	62	....	......	......	......	......	......	5.07	−0.50	1.85	1	3.3	11					Ina J. Logan
Georgetown, 2 mi, se	White	200	35	....	......	......	......	......	......	3.11	−2.21	1.86	1	2.0	7					J. S. McDonald
Gilbert	Searcy	600	22	29.4	......	67	9	−1	28	4.62	+1.29	3.75	1	2.5	7					D. O. Dennis
Grannis	Polk	950	28	33.5	− 8.0	67	8	9	23	4.12	−0.62	3.55	1	5.0	3					W. E. McVay
Gravette	Benton	1250	50	30.8	− 5.8	66	8	0	28	0.81	−1.88	0.28	1	2.5	5					J. A. Schmidt
Green Mountain***	Stone	1100	10	29.2	......	57	8	2	28	1.52	......	0.70	12	3.0	3					U. S. Forest Service
Harrison	Boone	1052	47	30.6	− 6.2	68	8	−4	28	1.60	−1.39	0.90	1	4.0	6					R. C. Beene
Helena	Phillips	300	75	34.2	− 8.9	68	8	6	18	4.29	−1.19	1.10	1	15.1	13					James A. Burnett
Hope 3 miles e	Hempstead	375	77	34.4	− 0.2	71	1	7	19	5.10	+0.11	2.02	1	10.5	11					Univ. of Arkansas
Hot Springs	Garland	600	55	36.6	− 6.8	64	1	8	24	3.13	−1.80	1.45	1	6.4	10					National Park Service
Jonesboro	Craighead	345	52	31.7	− 8.5	66	8	6	24†	3.14	−1.88	1.79	1	4.0	9					Benedictine Sisters
Lead Hill	Boone	650	41	30.1	− 6.8	71	8	−1	28	0.60	−2.24	0.30	27	2.5	3					F. W. Kellogg
Little Rock	Pulaski	257	68	34.9	− 6.5	62	9	10	24	1.56	−3.17	0.45	26	4.8	10					U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	49	32.6	− 7.4	67	8	3	24	0.80	−3.22	0.60	1	2.5	5					Mrs. H. G. Lenhardt
Madison	St. Francis	209	17	....	......	......	......	......	......	6.10	−0.87	4.30	1	6.0	8					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	31	38.5	− 8.3	74	1†	7	18	5.14	−0.30	1.91	1	7.3	7					State Agri. School
Mammoth Spring	Fulton	600	43	29.6	− 7.9	63	8	1	24	4.61	+0.97	3.77	1	2.8	6					L. A. O'Neal
Marianna	Lee	235	36	32.8	− 9.6	67	8	−7	18	4.57	−0.12	1.53	1	9.3	7					Univ. of Arkansas
Marked Tree	Poinsett	229	43	31.5	− 7.2	66	9	7	24†	4.25	−1.18	2.45	1	4.4	10					Chas. Walton
Marshall	Searcy	1050	29	31.8	− 7 9	68	8	1	24†	4.86	......	3.80	1	9.5	5					Mrs. Minnie Horton
Mena	Polk	1207	59	34.9	− 6.6	61	5	6	24	7.69	+3.74	6.80	1	4.7	8					E. W. St. John
Monticello	Drew	273	7	35.6	......	70	8	6	18	2.69	......	1.10	26	6.0	11					Airway Observer
Morrilton***	Conway	315	31	33.0	− 7.7	67	9	7	24	3.51	−0.35	2.91	1	1.2	5					L. A. Dicus
Mountainburg	Crawford	712	10	....	......	......	......	......	......	1.22	......	0.65	1	6.5	4					C. A Lovell
Mountain Home***	Baxter	800	35	30.9	− 7.0	72	8	1	28	1.60	−1.27	1.10	1	2.0	5					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	48	34.0	− 7.0	62	5†	0	24	1.22	−3.13	0.52	1	6.2	6					J. S. Whittington
Nashville	Howard	350	9	36.3	......	64	5	10	24	2.14	......	0.66	1	3.0	10					Brice Carruth
Newport	Jackson	231	64	34.0	− 5.8	70	8	9	24	4.07	−0.88	2.28	1	3.0	9					Willis T. Moyer
Nimrod Dam	Perry	475	6	33.2	......	65	1†	4	24	3.67	......	2.64	1	1.5	8					U. S. Engineers
Oden, 2 mi w	Montgomery	800	20	^{d}32.8	......	......	......	......	......	6.00	+1.99	4.45	1	7.0	7					U. S. Forest Service
Okay	Howard	288	19	38.4	− 6.6	69	1	11	24	3.56	−0.95	1.82	1	5.5	9					J. T. Hargis
Osceola	Mississippi	250	47	....	......	......	......	......	......	....	......	....	......	......	....					C. E. Carter
Ozark	Franklin	396	52	32.6	− 7.6	69	9†	9	24†	4.26	+1.22	3.68	1	1.2	5					Orkney O. Milton
Paragould	Greene	275	24	32.1	......	62	8	4	24†	2.37	−2.71	1.35	1	2.8	4					Jene J. Coffman
Parkin, 2mi. w	Cross	222	17	....	......	......	......	......	......	6.82	+1.66	5.52	1	3.7	6					Carroll King
Perryville	Perry	325	8	33.8	− 6.0	66	8	4	25	0.43	−3.97	0.28	12	1.0	3					Gordon Bennett
Pine Bluff	Jefferson	215	60	34.6	− 9.3	69	1	4	18	4.56	−0.67	1.70	1	10.9	13					Mary T. Scheu
Pine Ridge	Montgomery	840	23	....	......	......	......	......	......	4.03	−0.53	2.65	1	4.5	10					J. R. Huddleston
Pocahontas	Randolph	300	54	^{a}31.6	− 7.1	63	8†	5	24†	2.37	−1.95	1.25	1	4.0	7					Benedictine Sisters
Portland	Ashley	122	41	38.4	− 8.1	69	8	5	18	3.44	−1.31	1.62	1	T.	5					Mrs. Pearl Newton
Prescott	Nevada	318	59	36.4	− 8.1	66	1	9	18	6.76	+2.02	2.00	1	16.2	10					R. P. Hamby
Rogers	Benton	1300	57	29.8	− 7.3	65	8	0	28	1.22	−1.42	0.80	1	5.0	7					Howard Fowler
Russellville	Pope	526	35	36.0	− 3.8	67	9	8	24	1.82	−1.91	1.08	1	1.5	4					U. S. Forest Service
St. Charles	Arkansas	175	14	^{a}33.0	......	70	9	9	18	4.31	......	1.17	28	3.6	11					U. S. Biological Survey
St. Francis	Clay	290	20	....	......	......	......	......	......	3.79	−1.41	2.60	1	4.0	6					Wm. S. Buckley
Searcy	White	245	37	35.2	− 5.4	65	8	9	24	2.25	−2.52	1.66	1	3.6	6					Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	7	35.4	......	62	8	5	18	3.87	......	2.40	1	4.5	9					Ark. Forestry Com.
Siloam Springs	Benton	1150	7	32.0	......	67	8	3	28	1.00	......	0.65	1	5.3	7					John Brown Univ.
Story	Montgomery	650	23	....	......	......	......	......	......	4.04	−0.17	3.00	1	7.4	8					S. C. Story
Stuttgart	Arkansas	214	60	35.7	− 7.1	68	8	7	18	4.68	−0.51	2.66	1	21.5	6					George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	12	33.4	− 8.0	77	9	4	18	5.26	−0.66	2.69	2	10.8	10					University of Ark.
Subiaco	Logan	750	49	34.2	− 7.2	65	8	7	24	4.42	+0.95	3.80	1	1.2	4					New Subiaco Abbey
Texarkana	Miller	332	63	37.3	− 9.0	66	9	13	18	3.21	−1.27	1.59	26	2.2	8					U. S. Weather Bureau
Turnpike***	Pope	2240	23	30.0	......	60	8	0	28	2.74	−1.44	1.80	1	7.6	6					U.S Forest Service
Waldron	Scott	675	28	34.8	......	65	8	6	24	1.40	−2.34	0.95	1	0.4	3					William D Bivens
Warren	Bradley	206	53	....	......	69	4	3	18	4.38	−0.49	1.62	1	5.0	7					C. N Turner
White Rock***	Franklin	2285	11	30.2	......	57	9	2	23†	1.60	......	0.85	1	5.7	6					U. S. Forest Service
Wilson	Mississippi	237	22	....	......	......	......	......	......	....	......	....	......	......	....					D. O. Anderson
Wynne	Cross	167	39	....	......	......	......	......	......	....	......	....	......	......	....					Guy B. Upton
State Means	......	....	..	33.5	− 7.6	77	9	−7	18	3.32	−0.93	6.80	1	5.0	7					

Daily Precipitation for January, 1948

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	3.50	....	....	....	....	....	....	....	.03	....	....	.29	....	....	....	T.	....	....	....	....	.02	....	....	....	1.50	....	T.	....	....	....	....	5.34
Alum Fork Reser.	Arkansas	1.00	....	....	....	....	....	....	T.	....	....	T.	.55	....	....	....	.05	....	....	.07	T.	....	T.	....	....	.20	.25	.20	....	.05	.05	T.	2.42
Aplin[2]	Arkansas	2.16	....	....	....	....	....	....	....	.01	....	....	.11	.18	....	....	....	T.	....	....	T.	.02	....	....	....	.07	....	.37	....	.06	.02	....	3.00
Arkadelphia[2]	Ouachita	1.97	....	....	....	....	....	....	T.	T.	.09	.01	.04	.21	....	....	.30	.39	....	....	....	.04	....	....	....	.17	T.	.70	T.	.17	.04	....	4.13
Arkansas City[2]	Mississippi	1.45	....	....	....	....	....	....	....	T.	....	.37	T.	.33	....	T.	T.	.71	....	....	T.	.07	....	....	....	....	.03	1.50	....	T.	.22	T.	4.68
Ashdown[2]	Red	2.44	....	....	....	....	....	....	....	....	....	.20	.18	....	....	.73	....	.62	....	....	....	....	....	....	.12	T.	.75	....	.32	.15	....	....	5.51
Augusta[2]	White	2.37	T.	....	....	....	....	....	....	....	....	....	.35	.28	T.	....	T.	T.	....	....	....	T.	....	T.	....	T.	....	.58	....	T.	.06	T.	3.64
Batesville Air'y[3]	White	.23	....	....	....	....	....	....	....	....	....	....	.63	....	....	....	.01	....	....	....	....	....	.15	....	....	.06	.31	.06	....	.05	.01	....	1.51
Batesville Livestk[2]	White	1.05	2.40	....	....	....	....	....	....	....	....	....	....	.39	....	....	....	....	T.	....	....	T.	....	.16	....	.10	.10	.04	....	....	T.	....	4.24
Batesville River[2]	White	3.32	....	....	....	....	....	....	....	....	....	....	.54	.17	....	....	....	.03	....	....	....	....	....	.14	....	.04	....	.32	....	....	.06	....	4.62
Beaty Lake	St. Francis	4.60	T.	....	....	....	....	....	....	T.	....	T.	.56	.05	....	....	.22	....	....	....	T.	.02	T.	.05	....	.05	.20	.22	....	T.	.21	....	6.18
Beaver[2]	White	2.26	.02	....	....	....	....	....	....	....	....	....	.17	.02	....	....	....	....	....	....	.03	T.	....	.05	....	.05	....	.08	....	....	T.	.02	2.70
Bee Branch	Arkansas	....	....	....	....	....	....	....	....	....	....	....	.89	....	T.	....	....	....	....	....	....	....	....	....	....	.20	.20	....	....	....	....	....	1.29
Beech Grove[2]	White	2.30	....	....	....	....	....	....	....	....	....	....	.55	.29	....	....	....	....	T.	....	....	T.	....	.15	....	....	....	....	....	....	....	....	....
Beedeville[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	T.	T.	.09	....	T.	.40	....	....	....	T.	....	....
Benton[2]	Saline	1.75	.03	....	....	....	....	....	....	T.	....	....	.03	.35	....	....	.06	.10	....	....	....	.03	....	.02	....	.14	T.	.24	....	.04	.17	....	2.96
Bentonville[2]	Arkansas	2.01	.81	....	....	....	....	....	....	....	....	....	.26	....	T.	....	....	....	....	....	T.	....	....	T.	....	.06	....	.02	T.	....	T.	.02	3.18
Bethesda[2]	White	2.45	....	....	....	....	....	....	....	....	....	....	.35	.21	....	....	....	....	....	....	....	....	....	.18	....	....	.10	.10	....	....	T.	....	3.39
Big Flat[2]	White	4.02	.05	....	....	....	....	....	....	....	....	....	.42	.17	....	....	....	....	....	....	....	.10	....	....	....	....	.06	.22	....	....	....	T.	5.04
Big Lake Outlet[2]	St. Francis	2.24	.03	....	....	....	....	....	....	....	....	....	.57	.30	....	....	T.	.05	....	....	....	.03	....	.06	....	.03	T.	.37	....	T.	.10	.03	3.81
Black Rock[2]	White	1.26	....	....	....	....	....	....	....	....	....	....	.79	T.	....	....	....	....	....	....	....	....	....	T.	....	T.	....	.10	....	T.	T.	T.	2.15
Blytheville[2]	St Francis	3.30	....	....	....	....	....	....	....	....	....	....	.75	T.	....	....	....	.05	....	....	....	....	.15	....	....	.05	.10	.20	....	....	.05	T.	....
Booneville 3 mi. w.	Arkansas	1.33	....	....	....	....	....	....	....	T.	....	....	.31	....	....	....	T.	....	....	....	T.	....	....	....	....	.15	.05	.05	....	.10	T.	....	1.99
Booneville[2]	Arkansas	3.84	.01	....	....	....	....	....	....	.02	....	....	.24	.17	....	....	....	T.	....	....	T.	.02	....	....	....	.13	....	.17	....	.04	.02	....	4.66
Boughton[2]	Ouachita	2.10	....	....	....	....	....	....	T.	T.	....	....	....	.23	....	....	....	.68	....	....	....	....	....	....	....	.16	....	.99	....	....	.05	....	4.21
Bradford[2]	White	1.73	....	....	....	....	....	....	....	....	....	....	.29	.29	T.	....	T.	.05	....	....	....	....	....	T.	....	.04	....	.35	....	....	T.	....	2.75
Brinkley[3]	White	1.93	....	....	....	....	....	....	....	.04	....	.02	.50	....	....	....	.30	.03	....	....	....	....	.05	.07	....	.09	.16	.37	....	.10	.13	....	3.79
Burdette	Mississippi	3.90	....	....	....	....	....	....	....	....	....	....	.77	.10	....	....	....	....	....	....	....	....	.05	....	....	....	....	.21	....	....	....	.08	5.11
Calico Rock[2]	White	3.00	....	....	....	....	....	....	....	....	....	....	....	.80	.14	T.	....	....	....	....	....	.08	....	.15	....	.03	....	.20	....	....	....	.01	4.41
Camden[2]	Ouachita	1.55	....	....	....	....	....	....	....	....	.02	....	....	.40	....	....	.52	.45	....	....	....	.10	....	....	....	T.	.02	1.75	....	.30	.20	....	....
Camp Chaffee[2]	Arkansas	2.67	....	....	....	....	....	....	....	....	....	....	.25	.05	....	....	....	....	....	....	.03	T.	....	....	....	....	.10	.09	....	.03	T.	....	3.22
Carlisle[2]	Arkansas	2.00	T.	....	....	....	....	....	....	....	....	.10	.23	.28	....	....	.12	....	....	....	....	....	....	.08	.20	....	....	.23	....	.14	....	....	3.38
Clarendon[2]	White	1.83	....	....	....	....	....	....	....	T.	....	.19	.40	....	....	....	.13	.12	....	....	....	.06	....	.06	....	.09	....	.69	....	.03	.22	T.	3.82
Clinton[2]	White	1.50	....	....	....	....	....	....	....	....	....	....	*	1.26	....	....	....	.02	....	....	....	.01	....	....	....	.07	.50	....	....	....	....	....	3.36
Cold Springs[2]	Ouachita	4.33	.10	....	....	....	....	....	....	....	....	....	....	.33	....	....	....	T.	....	....	T.	.02	....	....	T.	.25	.05	.05	T.	.03	.03	....	5.19
Conway	Arkansas	T.	....	....	....	....	....	....	....	.03	....	.02	.35	....	....	....	....	.02	....	T.	T.	....	T.	....	....	.07	.21	.20	....	.08	.01	T.	0.99
Corning[2]	White	3.19	....	....	....	....	....	....	....	....	....	....	.58	.18	....	....	....	....	....	....	....	....	....	.10	....	.04	....	.15	....	T.	....	.05	4.29
Cotter[2]	White	3.58	....	....	....	....	....	....	....	....	....	....	....	.09	....	....	....	....	....	....	....	.14	....	....	....	.16	....	.15	....	....	....	T.	4.12
Cove[2]	Red	6.40	....	....	....	....	T.	T.	....	....	....	....	....	.22	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Crossett	Ouachita	2.22	....	....	....	....	....	....	....	....	....	....	....	.26	....	....	.06	.52	....	.07	....	....	....	T.	....	T.	.38	.82	.16	.25	T.	....	4.74
Crystal Valley(nr)[2]	Arkansas	1.53	....	....	....	....	....	....	....	T.	....	....	.12	.28	....	....	T.	.02	....	....	T.	....	T.	....	....	.31	....	.62	T.	T.	....	....	2.88
Cummins Farm	Arkansas	1.60	....	....	....	....	....	....	....	....	....	T.	.52	.20	....	....	.06	....	....	....	T.	....	T.	....	....	....	1.20	....	T.	T.	T.	....	3.58
Danville[2]	Arkansas	3.86	.02	....	....	....	....	....	....	....	....	....	.03	.20	....	....	....	T.	....	....	T.	.02	....	....	....	.14	....	.11	....	....	.04	....	4.42
Dardanelle[2]	Arkansas	3.76	....	....	....	....	....	....	....	....	....	....	....	.35	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	.19	.03	....	.03	4.36
De Queen	Red	T.	....	....	....	....	....	....	....	T.	....	....	.25	....	....	....	T.	....	....	....	....	....	....	....	....	.40	....	....	....	T.	....	....	0.65
Dermott[2]	Mississippi	1.70	....	....	....	....	....	....	....	....	.20	....	.04	.38	....	....	....	1.00	....	....	....	....	....	....	....	....	.10	1.33	....	.10	.17	T.	5.02
Des Arc[2]	White	1.74	....	....	....	....	....	....	....	.10	....	....	.25	.20	....	....	.10	....	....	....	....	....	....	.10	....	....	T.	....	.55	....	T.	....	3.04
Devils Knob	Arkansas	1.04	.58	....	....	....	....	....	....	....	....	....	.55	....	.02	....	....	....	....	....	.08	....	T.	....	....	.20	.15	.41	....	T.	T.	....	3.03
Dumas	Mississippi	....	....	....	....	....	....	....	....	.11	....	....	.14	....	....	....	1.04	....	....	....	.11	....	....	....	....	.16	.60	1.55	T.	.30	T.	....	4.01
Eagle Gap[2]	Arkansas	3.41	T.	....	....	....	....	....	....	....	....	....	.12	....	.31	....	....	T.	....	T.	....	....	....	....	....	.30	T.	.17	....	T.	....	T.	4.31
El Dorado	Ouachita	2.18	....	....	....	....	....	....	....	....	....	....	.06	.35	....	....	.23	*	.20	*	.10	.05	....	....	....	....	.23	1.50	T.	.15	.06	....	5.11
Eleven Point[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.13	....	....	.01	.03	....
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	White	.88	....	....	....	....	....	....	....	....	....	....	.25	T.	....	....	....	....	....	....	.03	....	.10	....	T.	.08	.05	....	....	....	T.	.03	1.42
Evening Shade[2]	White	2.51	T.	....	....	....	....	....	....	....	....	....	1.00	....	....	....	....	....	....	....	....	....	....	.20	....	.03	....	.18	....	T.	T.	....	3.92
Fayetteville	White	.60	T.	....	....	....	....	....	....	....	....	T.	.32	....	T.	....	....	....	....	....	.03	....	.03	....	.04	.09	.04	.01	....	T.	T.	.01	1.17
Fayetteville Exp. S.	White	.68	T.	....	....	....	....	....	....	....	....	T.	.33	T.	....	....	....	....	....	....	.02	....	.03	....	T.	.17	.06	.02	....	T.	.02	....	1.33
Fordyce	Arkansas	1.76	....	....	....	....	....	....	....	.23	....	....	.55	....	....	....	1.30	....	....	....	....	....	.03	....	....	.50	.99	.51	....	.55	.45	....	6.87
Forester[2]	Arkansas	5.00	T.	....	....	....	....	....	T.	....	....	....	.15	....	....	....	.10	....	....	.10	.05	....	....	....	....	.25	T.	.05	.05	.04	....	....	5.79
Fort Smith[1]	Arkansas	.16	....	....	....	....	....	....	....	....	....	T.	.40	....	....	....	....	....	....	....	T.	....	T.	....	.04	.07	.10	....	....	.02	T.	....	0.79
Fort Smith W. Plant[2]	Arkansas	.54	....	....	....	....	....	....	....	....	....	....	.42	T.	....	....	....	....	....	....	T.	T.	....	....	....	.09	....	.11	....	....	T.	....	1.16
Fulton[2]	Red	1.85	....	....	....	....	....	....	....	....	....	....	....	.24	....	....	.38	.64	....	....	....	.16	....	....	....	.07	.08	1.17	.10	.12	.26	....	5.07
Garland[2]	Red	1.49	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	.16	.51	....	T.	T.	.24	T.	....	....	....	*	1.84	....	*	.40	....	4.64
Georgetown[2]	White	1.86	....	....	....	....	....	....	....	T.	....	....	.32	.21	....	....	T.	T.	....	....	....	....	....	.07	.06	....	....	.46	T.	....	.13	T.	3.11
Gilbert[2]	White	3.75	....	....	....	....	....	....	....	....	....	....	.45	.12	....	....	....	....	....	....	....	.03	....	.02	....	.05	....	.20	....	....	T.	T.	4.62
Glenwood[2]	Ouachita	1.29	.07	....	....	....	....	....	....	....	.32	....	....	....	.33	....	.35	T.	....	....	....	....	....	....	....	.39	....	....	....	....	....	....	2.75
Grannis[2]	Red	3.55	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	....	.32	T.	....	T.	....	....	....	4.12
Gravelly[2]	Arkansas	4.35	T.	....	....	....	....	....	....	....	....	....	.03	.17	....	....	....	T.	....	T.	T.	....	....	....	....	.17	....	.26	....	....	.06	....	5.04
Gravette	Arkansas	.28	.22	....	....	....	....	....	....	....	....	....	.18	T.	....	....	....	....	....	....	....	....	.08	....	....	.05	T.	....	....	....	....	....	0.81
Greenbrier[2]	Arkansas	3.20	....	....	....	....	....	....	T.	....	....	....	T.	.24	....	....	.06	....	....	....	....	....	....	....	....	.08	.14	....	....	T.	....	....	3.72
Green Forest	White	2.69	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	*	.38	.12	T.	....	....	....	3.19
Green Mountain	White	T.	....	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	....	....	....	.24	....	T.	....	....	T.	.58	....	....	....	T.	....	1.52
Greenwood[2]	Arkansas	T.	....	....	....	....	....	....	....	....	....	....	T.	.69	....	....	....	....	....	....	T.	....	....	....	....	.08	....	....	....	....	....	....	0.77
Harrison	White	.90	....	....	....	....	....	....	....	....	....	....	.23	....	....	....	....	....	....	....	.09	....	.08	....	.15	.15	....	....	....	....	....	....	1.60
Helena[2]	Mississippi	1.10	....	....	....	....	....	....	....	....	....	....	.05	.76	....	....	.04	.73	....	....	....	.18	....	.02	....	.14	....	.60	.20	.02	.41	.04	4.29
Henderson[2]	White	1.70	....	....	....	....	....	....	....	....	....	....	.54	....	....	....	....	....	....	....	.03	....	.10	....	....	.04	.01	.01	T.	....	.01	....	2.44
Hope[2]	Red	2.02	....	....	....	....	....	....	....	....	T.	....	....	.23	....	....	.61	.42	....	....	....	.18	.03	....	....	.14	.05	1.06	....	.26	.10	....	5.10
Horatio[2]	Red	1.32	....	....	....	....	....	....	....	....	.02	....	....	.19	....	....	.27	.12	....	....	....	....	....	....	....	.35	.04	.69	....	.21	.16	....	3.37
Hot Springs	Ouachita	1.45	....	....	....	....	....	....	T.	....	....	T.	.44	.02	....	....	.14	....	.03	....	T.	T.	T.	....	....	.23	.31	.36	T.	.12	.03	....	3.13
Huntsville[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Huttig Lock 7, Dam 6[2]	Ouachita	1.86	....	....	....	....	....	....	....	....	T.	....	.05	.17	....	....	.09	.09	....	....	.05	.34	....	....	....	....	.16	1.29	T.	T.	.43	....	4.53
Index[2]	Red	1.50	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.50	.40	....	....	....	....	....	....	....	....	.10	T.	T.	....	....	....	2.50
Jonesboro[2]	White	1.79	....	....	....	....	....	....	....	....	....	....	.53	.20	....	....	....	.03	....	....	....	....	....	.09	....	.03	....	.35	....	....	.03	.09	3.14
Judsonia[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lake City[2]	St. Francis	2.52	T.	....	....	....	....	....	....	....	....	....	.85	.02	....	....	....	....	T.	....	....	....	*	.03	....	T.	.03	.36	....	T.	.10	T.	3.91
Lead Hill	White	.25	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	.05	....	....	....	T.	T.	T.	.30	....	....	....	....	0.60
Little Rock[1]	Arkansas	.34	....	....	....	....	....	....	T.	....	....	T.	.29	....	....	T.	.16	....	....	....	T.	....	.01	....	.01	.15	.45	.08	....	.06	.01	....	1.56
Lock & Dam No. 3[2]	White	2.73	....	....	....	....	....	....	....	....	....	....	.26	.32	....	....	....	....	....	....	....	....	....	.12	....	.05	T.	.27	....	....	.03	T.	3.78
Lurton[2]	White	4.15	.02	....	....	....	....	....	....	....	....	....	.38	.14	T.	....	....	....	....	....	T.	.10	....	.06	....	.10	....	.18	....	....	....	T.	5.13
Lutherville	Arkansas	.60	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.03	....	....	T.	....	....	....	....	.05	.04	.08	....	T.	....	....	0.80
Madison[2]	St. Francis	4.30	....	....	....	....	....	....	....	T.	....	....	.25	.40	....	....	T.	.40	....	....	....	.05	....	T.	....	.10	T.	.50	....	....	T.	.10	6.10
Magnolia	Red	1.91	....	....	....	....	....	....	....	....	....	....	T.	.50	....	T.	.43	....	....	.30	....	....	....	....	....	....	....	.60	.70	.70	T.	....	5.14
Mammoth Spg[2]	White	3.77	.09	....	....	....	....	....	....	....	....	....	.39	.08	....	....	....	....	....	....	....	....	....	.14	....	....	....	.14	....	....	....	T.	4.61
Marianna[2]	St. Francis	1.53	....	....	....	....	....	....	....	....	....	....	.15	....	.44	....	1.00	....	....	....	....	.20	T.	....	....	.12	....	....	1.13	T.	T.	....	4.57
Marked Tree[2]	St. Francis	2.45	.05	....	....	....	....	....	....	....	....	T.	.48	.44	....	....	T.	.03	T.	....	....	....	....	.15	....	T.	.03	.46	....	....	.15	.01	4.25
Marshall[2]	White	3.80	....	....	....	....	....	....	....	....	....	....	.56	....	....	....	....	....	....	....	.06	....	T.	....	....	.15	T.	.29	....	T.	....	T.	4.86
Marvell[2]	White	1.63	....	....	....	....	....	....	....	....	....	....	....	....	1.10	....	T.	....	....	....	....	....	....	.16	....	....	....	....	....	....	.18	....	3.07
Melbourne[2]	White	T.	....	....	....	....	....	....	....	....	....	....	.94	T.	....	....	T.	....	....	....	....	T.	.15	....	....	....	....	.27	T.	T.	....	....	1.36
Mena[2]	Ouachita	6.80	....	....	....	....	....	....	....	.03	....	....	T.	.22	....	....	....	.01	....	T.	T.	T.	T.	....	....	.29	....	.27	T.	.04	.03	....	7.69
Monticello[1]	Ouachita	.09	....	....	....	....	....	....	....	.29	....	....	.34	....	....	....	.28	....	....	.01	.14	.04	....	....	....	....	1.10	.29	....	.09	.02	....	2.69
Morobay[2]	Ouachita	1.60	....	....	....	....	....	....	....	....	....	....	.15	.28	....	....	.38	.26	....	T.	....	T.	....	....	....	....	T.	T.	....	.18	.05	....	2.90
Morrilton[2]	Arkansas	2.91	....	....	....	....	....	....	....	....	....	....	.12	.09	....	....	....	....	....	....	....	T.	....	....	....	.04	....	.35	....	....	T.	....	3.51
Mountainburg	Arkansas	.65	....	....	....	....	....	....	....	....	....	T.	.43	....	....	....	....	....	....	....	T.	....	....	....	T.	.12	.02	T.	T.	T.	T.	....	1.22
Mountain Home	White	1.10	.10	....	....	....	....	....	....	....	....	....	.25	....	....	....	....	....	....	....	....	....	....	....	....	.05	.10	....	....	....	....	....	1.60
Mountain View[2]	White	1.15	....	....	....	....	....	....	....	....	....	....	.40	T.	....	....	T.	T.	....	....	....	T.	.15	....	T.	....	....	....	.20	....	T.	....	1.90

Daily Precipitation for January, 1948, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	.52	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.05	....	....	....	.05	....	....	....	....	.32	.16	....	....	....	.12	....	1.22
Mulberry[2]	Arkansas	3.10	....	....	....	....	....	....	....	....	....	....	.52	.14	....	....	....	....	....	....	T.	....	....	....	....	.15	.12	....	....	T.	T.	T.	4.03
Nashville	Red	.66	....	....	....	....	....	....	....	....	....	....	.17	....	....	....	.33	....	....	T.	.01	....	....	....	....	.13	.51	.03	.08	.19	.03	....	2.14
Newport[2]	White	2.28	....	....	....	....	....	....	....	....	....	....	.30	.55	....	....	....	.02	T.	....	....	....	....	.30	....	.01	....	.55	....	....	.05	.01	4.07
Nimrod Dam[2]	Arkansas	2.64	....	....	....	....	....	....	....	....	....	....	.14	.15	....	....	....	.10	....	.10	T.	....	....	....	....	.14	....	.30	....	T.	.10	....	3.67
Oark[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Odell[2]	Arkansas	2.38	.10	....	....	....	....	....	....	....	....	....	.34	....	....	....	....	....	....	....	....	....	....	.02	....	.15	....	.09	....	....	....	.01	3.09
Oden	Ouachita	4.45	....	....	....	....	....	....	T.	T.	....	....	.55	....	....	....	.10	....	....	.10	.25	....	....	....	....	.50	T.	....	....	.05	....	....	6.00
Okay	Red	1.82	....	....	....	....	....	....	....	....	....	....	.15	....	....	....	.08	T.	....	....	....	....	.18	....	....	.10	.45	.08	T.	....	.35	.35	3.56
Osceola[2]	Mississippi	....	....	....	....	....	....	....	T.	....	....	.50	.18	....	....	....	.05	....	....	....	....	.14	....	....	....	....	....	....	....	....	....	....	....
Ozark[2]	Arkansas	3.68	.04	....	....	....	....	....	....	....	....	....	.43	....	....	....	....	....	....	....	.02	T.	....	....	....	.09	....	....	....	....	....	....	4.26
Paragould	St. Francis	1.35	....	....	....	....	....	....	....	....	....	....	.75	T.	....	....	....	....	....	....	....	.07	T.	....	....	....	T.	.20	....	....	....	....	2.37
Parkiu[2]	St. Francis	5.52	....	....	....	....	....	....	....	....	....	....	.36	.22	....	....	T.	.15	....	....	....	....	....	T.	....	....	....	.50	....	....	T.	.07	6.82
Parthenon[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville[2]	Arkansas	T.	....	....	....	....	....	....	....	....	....	T.	.28	T.	....	....	....	....	....	....	....	....	....	....	....	T.	T.	T.	.05	.10	T.	....	0.43
Pine Bluff[2]	Arkansas	1.70	....	....	....	....	....	....	....	.01	.07	....	.05	.32	....	....	.12	.61	....	....	....	.17	....	T.	....	.35	.01	.82	....	.08	.25	....	4.56
Pinc Ridge[2]	Ouachita	2.65	....	....	....	....	....	....	....	....	.06	....	T.	.30	....	....	.12	.04	....	.03	.07	....	....	....	....	.27	....	.32	....	....	.17	....	4.03
Pocahontas	White	1.25	T.	....	....	....	....	....	....	....	....	....	T.	.71	....	....	....	....	....	....	....	....	.12	....	....	.01	.21	T.	....	T.	.06	.01	2.37
Portland[2]	Ouachita	1.62	....	....	....	....	....	....	....	....	.33	....	....	.12	....	....	T.	T.	....	....	T.	.37	....	....	T.	....	T.	1.00	....	....	....	....	3.44
Prescott[2]	Ouachita	2.00	....	....	....	....	....	....	....	T.	T.	....	T.	.16	....	....	.45	1.20	....	....	T.	.15	....	....	....	.75	T.	.70	.10	.25	1.00	....	6.76
Ratcliff[2]	Arkansas	4.45	....	....	....	....	....	....	....	....	....	.31	....	....	....	....	....	....	....	....	.15	....	....	....	.15	T.	T.	T.	....	....	....	T.	5.06
Red Star	White	.25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Rogers	White	.80	....	T.	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	....	.11	....	.20	T.	.02	.05	.03	....	....	T.	.01	....	1.22
Russellville	Arkansas	1.08	....	....	....	....	....	....	....	.27	....	....	.36	....	....	....	....	....	....	....	T.	....	....	....	....	.11	....	....	....	T.	T.	....	1.82
St. Charles[2]	White	....	....	....	....	....	....	....	....	....	....	....	.17	.72	....	.09	.07	....	....	....	....	.17	....	T.	....	.18	1.11	....	1.17	.36	.25	.02	4.31
St. Francis[2]	St. Fraucis	2.60	....	....	....	....	....	....	....	....	....	....	.65	.14	....	....	....	....	....	....	....	....	....	.08	....	....	....	.20	....	....	....	.12	3.79
Searcy[2]	White	1.66	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.02	....	....	....	....	T.	....	....	.09	....	.42	....	.02	.04	....	2.25
Sheridan	Ouachita	2.40	....	....	....	....	....	....	....	.06	....	T.	.15	.04	....	....	.75	....	....	....	.01	....	....	.04	....	.10	.32	T.	....	T.	T.	....	3.87
Shirley[2]	White	2.38	....	....	....	....	....	....	....	....	....	....	.44	.16	....	....	....	T.	....	....	T.	T.	T.	....	....	.10	....	T.	T.	....	T.	....	3.08
Siloam Springs	White	.65	....	....	....	....	....	....	....	....	....	....	.17	....	....	....	....	....	....	....	.02	....	.02	....	.05	.07	.02	T.	....	T.	T.	....	1.00
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve[2]	Arkansas	2.00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	....	....	....	....	....	.02	.02	....	T.	T.	....	....	2.04
Story[2]	Ouachita	3.00	....	....	....	....	....	....	....	....	....	.20	....	.12	T.	....	....	T	....	T.	....	....	T.	....	....	.26	.08	.06	....	.20	.12	....	4.04
Stuttgart[2]	Arkansas	2.66	....	....	....	....	....	....	....	....	....	.28	T.	.47	....	....	T.	.85	....	....	....	.11	....	....	....	.31	T.	....	....	....	....	....	4.68
Stuttgart Evap[2]	Arkausas	2.69	....	....	....	....	....	....	....	....	.01	....	.09	.62	.10	....	....	.70	....	....	....	.12	....	T.	....	.20	....	.70	....	....	.03	....	5.26
Subiaco[2]	Arkansas	3.80	....	....	....	....	....	....	T.	T.	....	.29	.21	....	....	....	T.	....	....	....	T.	....	....	....	.12	T.	T.	....	....	....	....	....	4.42
Sugar Grove[2]	Arkansas	3.63	....	....	....	....	....	....	....	....	....	....	.62	.25	....	....	....	....	....	....	....	....	....	....	....	.02	T.	....	T.	T.	T.	....	4.52
Sugar Loaf Mt.[2]	White	2.95	....	....	....	....	....	....	....	....	....	....	.81	.14	....	....	....	.01	....	....	....	....	....	.07	....	.05	....	.29	....	....	T.	....	4.32
Texarkaua[3]	Red	T.	....	....	....	....	....	....	T.	....	....	T.	.28	....	....	T.	.59	....	....	T.	.15	T.	....	....	.02	.02	1.59	.08	T.	.48	....	....	3.21
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turupike	Arkansas	1.80	....	....	....	....	....	....	....	....	....	....	.52	....	....	....	....	....	....	....	.09	....	....	....	....	.11	.14	.08	....	....	....	....	2.74
Viola[2]	White	3.65	.05	....	....	....	....	....	....	....	....	....	....	.40	....	....	....	....	....	....	....	.08	....	....	....	....	....	.12	....	....	....	....	4.30
Waldron[2]	Arkansas	.95	....	....	....	....	....	....	....	....	T.	....	.25	....	....	....	....	T.	....	....	T.	....	....	....	....	.20	T.	T.	....	T.	T.	....	1.40
Walnut Grove	White	.50	....	....	....	....	....	....	....	....	....	.60	....	....	....	....	T.	....	....	....	T.	....	.10	....	....	.05	*	.50	....	....	T.	....	....
Warreu	Ouachita	1.62	....	....	....	....	....	....	....	.14	....	....	.13	....	....	....	.74	....	....	....	....	T.	....	....	....	....	.78	.73	T.	.24	T.	....	4.38
Whitecliffs[2]	Red	2.00	....	....	....	....	....	....	....	T.	T.	....	....	.30	....	....	.47	....	.27	.13	....	.40	....	....	....	.20	.24	.40	....	....	....	....	4.41
White Rock	Arkansas	.85	T.	....	....	....	....	....	....	....	....	T.	.52	....	....	....	....	....	....	....	.02	....	....	....	T.	.12	.06	.03	....	....	....	....	1.60
Wilson[2]	Mississippi	3.00	....	....	....	....	....	....	....	....	....	....	.45	.15	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....
Wynne	St. Francis	2.53	....	....	....	....	....	....	....	....	....	....	.54	.04	....	....	....	.10	....	....	....	.04	.07	T.	....	....	....	....	....	....	....	....	....
Yellville[2]	White	3.01	....	....	....	....	....	....	....	....	....	....	.43	T.	....	....	....	....	....	....	....	.15	....	....	....	.21	.11	.04	....	....	....	....	3.95

Daily Evaporation (inches), and Wind Movement (miles) for January, 1948

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	208	89	23	118	64	84	51	95	133	73	47	88	146	110	124	154	181	43	21	38	33	50	164	85	30	18	153	104	18	11	50	2,606
Hope Exp. Farm	Evap.	.287	*	*	*	*	.279	*	.113	-001	.053	*	.116	*	*	*	.308	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	122	127	28	*	92	13	27	17	23	46	*	88	58	54	32	68	*	*	126	32	*	100	63	46	*	*	*	*	*	*	117	1,279
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	110	243	57	53	65	17	33	28	32	7	8	40	45	63	44	....	25	18	18	9	5	39	8	54	16	31	3	25	7	10	64	....
Norfork Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	54	121	26	57	31	41	17	45	59	33	34	65	43	64	54	76	34	60	60	24	16	42	75	73	23	13	59	78	30	26	50	1,483
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart Rice Exp. Farm	Evap.	....	*	*	99	*	106	*	95	6	64	61	31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	130	150	10	50	35	35	30	45	20	65	55	55	60	65	75	110	85	35	25	5	5	85	130	100	60	30	70	15	10	5	20	1,670

PRECIPITATION

The average precipitation for the month is shown as 3.32 inches, 0.93 inch below the 58-year average. Actually this deficiency is nearer 2.93 inches, since the rains that are credited to January on the first actually fell on New Year's Eve night. These rains were hard and the runoff rapid, adding little to the subsoil moisture (See Tornado, December 1947).

The Precipitation that fell from the 9th on, fell mostly as sleet and snow. The fall was well distributed over the remainder of the month. The average snow for the month was 5.0 inches, or 150% above normal, but still a long way from the record average of 17.6 inches in 1918. The greatest January 1948 snowfall was 21.5 inches reported by Stuttgart, and 16.2 inches reported by Helena. Both are low compared with the record of 48.0 inches set by Calico Rock in 1918. Perryville reported the least precipitation during the month with 0.43 inch, 3.97 inches below the average; Mena reported the greatest with 7.69 inches, 6.80 of this fell in less than 24 hours and on New Year's Eve.

Daily Temperatures for January, 1948

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	63	53	59	58	60	53	60	60	61	55	43	48	48	36	51	50	28	30	32	42	53	53	50	31	31	32	28	25	26	33	38	44.8
	Minimum	25	26	25	45	28	36	26	38	31	32	33	38	27	23	19	27	10	10	15	25	31	30	12	7	11	25	21	10	21	21	23	24.2
Arkadelphia /	Maximum	68	32	54	64	62	64	58	59	62	58	54	50	49	40	43	59	35	32	32	32	40	45	50	24	30	38	31	29	25	28	34	44.5
	Minimum	27	25	25	26	28	29	24	26	43	42	40	39	29	21	20	22	12	9	9	21	29	30	18	9	10	22	25	15	14	23	21	23.6
Ashdown /	Maximum	71	31	65	63	65	61	57	65	63	52	55	58	42	44	61	39	33	31	32	33	45	54	26	28	35	32	29	25	28	32	41	45.0
	Minimum	24	24	24	25	25	24	25	47	41	41	41	27	20	20	29	13	13	14	23	29	29	21	11	12	23	25	17	17	23	17	19	24.0
Batesville Air	Maximum	45	47	57	55	53	54	60	70	59	47	48	46	37	32	50	41	26	29	34	43	55	45	20	31	33	30	27	25	30	32	38	41.9
	Minimum	27	24	23	32	25	32	26	35	42	29	31	36	26	21	23	20	10	9	22	23	24	20	11	7	18	24	16	7	22	23	25	23.0
Batesville, Livestk /	Maximum	47	32	46	56	55	52	55	59	70	59	49	48	45	36	33	49	29	29	34	34	43	56	46	21	28	33	28	25	26	31	35	41.6
	Minimum	29	21	22	37	24	31	30	38	45	26	26	36	23	17	16	24	6	4	14	20	28	30	9	3	12	20	21	4	4	23	25	21.5
Bee Branch	Maximum	45	45	57	54	53	54	56	65	63	55	45	45	40	35	53	51	29	30	30	38	51	51	45	32	39	32	27	28	29	32	39	43.5
	Minimum	23	22	22	39	25	32	24	30	45	29	33	40	23	15	20	25	9	9	19	20	23	30	10	6	9	24	21	7	21	22	21	22.5
Benton /	Maximum	60	27	46	54	55	55	48	53	55	57	58	57	44	33	34	52	30	23	25	29	44	48	50	21	30	35	29	29	24	27	34	40.8
	Minimum	25	22	20	22	23	25	19	20	37	39	34	31	26	16	19	19	8	6	8	21	29	20	17	4	8	20	21	10	12	20	15	19.9
Bentonville /	Maximum	40	23	39	52	50	55	53	59	65	55	50	46	48	36	35	53	19	29	34	39	43	52	40	19	24	29	26	19	26	28	28	39.2
	Minimum	18	11	11	30	26	22	22	26	35	26	28	38	15	11	11	14	2	2	17	22	24	27	3	3	4	17	12	1	3	20	20	16.8
Bethesda	Maximum	42	29	46	57	55	52	54	59	68	59	47	48	44	36	40	50	28	29	29	34	43	55	46	20	28	32	28	26	24	28	32	40.9
	Minimum	25	20	21	40	23	28	29	32	43	26	27	35	21	18	17	22	7	4	15	22	26	30	8	3	12	20	19	4	8	21	22	20.9
Blytheville	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Booneville	Maximum	52	51	61	58	65	61	66	69	65	60	52	51	44	37	58	53	33	35	35	40	55	55	50	27	35	30	30	26	29	31	39	46.9
	Minimum	22	23	27	36	27	30	28	34	45	37	40	42	24	24	21	25	11	16	25	26	21	27	15	7	15	26	23	10	20	24	18	24.8
Brinkley	Maximum	65	47	60	59	55	55	59	65	65	58	49	50	44	34	52	46	27	28	34	42	52	45	43	29	36	35	29	25	27	31	40	44.7
	Minimum	28	26	27	25	29	34	24	38	50	31	31	42	29	20	23	22	11	6	15	23	27	31	14	9	19	21	21	10	18	24	23	24.2
Camden	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Conway	Maximum	61	49	60	60	59	55	62	66	64	55	47	47	42	38	58	50	31	34	33	40	58	53	49	33	37	30	30	27	29	35	41	46.2
	Minimum	26	25	25	37	26	32	24	35	55	32	36	40	27	21	26	28	10	12	18	25	24	27	13	7	16	26	23	11	22	24	22	25.0
Corning	Maximum	46	40	41	48	51	54	52	51	64	51	47	46	46	38	36	42	26	25	27	33	41	53	32	19	29	35	30	23	29	30	32	39.3
	Minimum	38	26	23	26	26	26	27	31	38	27	29	41	25	18	18	23	10	10	16	18	24	24	7	4	7	18	21	4	5	21	25	21.2
Crossett	Maximum	68	52	65	64	65	59	60	70	66	61	55	67	49	42	57	52	29	33	31	47	40	58	54	36	36	34	33	26	27	31	42	48.7
	Minimum	32	26	25	35	28	34	24	40	51	40	39	49	33	21	22	26	16	-3	13	24	33	30	21	8	26	28	25	16	18	26	18	26.6
Cummins Farm	Maximum	68	50	61	57	57	52	60	69	63	55	50	56	43	35	54	48	23	22	33	39	44	48	46	28	34	30	30	25	27	31	38	44.4
	Minimum	29	27	26	42	30	36	24	37	53	36	36	41	30	24	24	20	7	1	11	24	29	31	16	9	19	26	23	12	17	24	22	25.4
Dardanelle	Maximum	53	48	62	60	60	60	62	67	64	60	50	48	44	40	59	58	33	32	33	37	57	54	52	48	36	36	31	30	30	35	42	47.8
	Minimum	24	24	25	38	27	36	28	34	46	35	47	42	27	23	25	29	14	14	17	23	24	24	15	8	8	13	24	12	12	23	23	24.6
De Queen	Maximum	57	51	62	61	62	60	56	62	65	58	50	53	44	40	58	54	34	31	33	38	47	46	44	27	40	33	30	27	30	35	43	46.2
	Minimum	24	25	26	33	27	34	27	42	53	39	40	43	28	18	19	30	16	14	25	26	28	33	22	9	18	28	26	16	20	26	19	26.9
Des Arc	Maximum	60	42	58	58	59	53	57	62	52	52	....	57	45	47	35	54	42	28	30	35	42	54	40	19	28	34	29	28	23	26	32	[a]42.7
	Minimum	30	24	25	25	28	34	26	26	41	32	34	35	28	23	24	30	13	12	18	24	29	30	15	9	15	22	22	11	12	22	24	24.0
Devil's Knob	Maximum	43	35	50	50	50	48	55	60	61	58	50	40	38	31	49	43	27	27	31	39	44	50	40	26	28	29	24	23	28	30	31	39.9
	Minimum	15	11	24	35	32	27	32	34	42	37	28	34	15	10	17	17	2	6	12	17	30	31	2	-2	3	12	14	-2	12	14	21	18.8
Dumas	Maximum	70	52	61	59	60	52	64	72	62	55	53	58	50	40	51	50	26	30	33	41	47	50	42	32	37	34	32	26	29	32	38	46.4
	Minimum	32	29	28	33	29	37	25	42	52	38	37	42	30	21	22	21	6	4	10	25	30	32	17	11	21	28	22	14	18	26	24	26.0
El Dorado	Maximum	61	51	64	61	65	56	62	72	67	58	54	63	60	43	58	43	38	30	33	39	42	57	42	31	35	32	31	26	29	33	38	47.5
	Minimum	30	31	31	42	27	38	26	40	53	41	41	45	31	22	23	38	13	3	18	18	31	29	20	10	21	28	26	17	17	25	24	27.7
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......
Eureka Springs	Maximum	39	39	50	48	57	49	57	63	59	51	46	47	40	34	51	50	25	32	38	43	50	45	25	24	29	25	24	23	30	29	33	40.5
	Minimum	17	16	29	35	30	18	36	48	39	27	39	39	16	12	23	15	3	14	23	17	32	25	3	1	17	20	13	1	15	24	21	21.5
Fayetteville	Maximum	40	41	52	50	55	52	57	64	57	53	47	46	37	32	52	41	28	36	38	42	52	47	24	23	29	27	24	23	29	30	32	40.6
	Minimum	17	17	29	32	25	25	35	45	41	32	40	36	16	15	24	17	7	15	22	25	29	24	5	6	16	23	13	2	16	22	20	22.3
Fayetteville Exp. S.	Maximum	39	41	58	49	56	52	57	64	57	51	46	46	45	32	53	46	26	34	39	43	50	46	29	21	29	27	24	25	29	29	40	41.4
	Minimum	17	13	27	32	26	24	29	40	40	30	39	40	17	15	25	17	7	15	22	24	27	29	6	6	15	19	14	0	12	23	15	21.5
Fordyce	Maximum	71	53	64	65	64	65	60	70	63	55	52	67	45	41	60	56	22	31	27	41	43	51	42	49	37	32	30	25	27	31	40	47.7
	Minimum	28	27	34	34	38	37	30	42	53	39	39	30	29	22	29	23	10	4	15	26	30	31	16	8	21	28	24	14	19	24	22	26.6
Fort Smith	Maximum	34	45	56	57	57	54	59	66	65	53	51	46	38	34	57	44	33	35	37	38	51	53	28	26	32	29	28	21	29	34	39	42.9
	Minimum	22	22	28	31	28	32	30	34	44	34	40	33	24	23	23	18	14	18	24	25	21	22	13	10	17	27	14	9	21	23	20	24.0
Gilbert /	Maximum	42	33	48	58	54	57	55	63	67	59	53	49	44	38	35	55	27	29	33	38	42	54	51	25	28	32	28	27	24	32	35	42.4
	Minimum	33	17	17	20	19	19	18	19	28	20	20	40	22	16	17	23	4	4	9	17	17	17	9	0	1	10	21	-1	0	23	25	16.3
Grannis /	Maximum	30	50	57	57	59	60	57	67	63	57	49	50	37	39	51	47	30	30	35	36	51	49	35	35	32	30	26	25	32	35	40	43.6
	Minimum	21	25	32	30	33	31	34	42	39	39	40	24	21	21	23	21	10	12	22	22	25	17	9	12	22	22	11	12	14	18	22	23.4
Gravette	Maximum	38	41	52	50	55	51	58	66	65	50	47	48	41	35	52	40	31	34	39	43	51	49	28	23	30	27	25	26	28	28	32	41.4
	Minimum	16	11	22	31	26	23	28	40	38	30	39	40	16	13	24	15	5	15	22	21	25	27	2	5	16	19	11	0	13	16	20	20.3
Green Mountain	Maximum	34	29	46	52	48	50	48	57	52	46	38	50	38	27	44	40	24	27	31	41	40	40	32	30	28	26	24	18	26	28	29	36.9
	Minimum	20	19	26	30	32	30	32	38	33	32	31	38	20	17	26	20	7	10	21	29	30	32	6	5	4	12	16	2	12	21	20	21.6
Harrison	Maximum	53	43	58	51	57	53	65	68	64	52	47	46	42	32	55	51	28	29	39	45	52	53	46	31	32	29	25	25	30	32	32	44.0
	Minimum	18	16	18	34	19	21	20	31	35	19	32	35	15	11	18	13	3	6	19	16	20	20	18	-1	12	14	14	-4	5	20	20	17.3
Helena	Maximum	65	42	53	56	55	51	54	68	63	57	50	53	43	33	43	47	23	24	35	42	47	45	45	28	36	32	30	24	27	30	35	43.1
	Minimum	30	28	26	41	31	35	26	35	49	33	31	41	30	22	22	20	11	6	14	25	31	31	14	10	17	25	19	10	17	25	26	25.2
Hope /	Maximum	71	34	51	64	62	65	56	55	66	62	51	56	58	41	42	58	36	30	30	30	36	43	50	23	27	34	32	28	25	27	34	44.4
	Minimum	26	25	26	29	28	29	26	28	51	39	39	43	28	21	23	28	11	8	7	23	29	30	21	11	12	17	26	16	16	23	22	24.5
Hot Springs	Maximum	64	53	60	60	60	58	59	58	62	55	48	51	41	39	56	51	34	33	32	40	54	50	48	32	37	34	28	26	27	32	42	45.9
	Minimum	24	26	33	45	33	36	33	45	55	36	39	40	26	24	26	28	12	12	20	27	32	34	14	8	17	26	22	11	21	23	22	27.4
Jonesboro	Maximum	53	40	56	54	51	52	55	66	59	51	48	44	43	29	46	28	28	27	34	42	54	40	32	27	33	29	26	23	28	31	50	41.3
	Minimum	39	26	24	25	28	29	31	32	40	28	28	35	27	19	18	26	11	11	12	22	27	30	10	6	6	19	21	6	6	20	23	22.1
Lead Hill	Maximum	40	40	55	50	55	53	65	71	57	48	47	47	40	31	57	33	28	30	41	47	52	41	25	27	33	26	26	22	32	33	34	41.5
	Minimum	20	17	20	32	20	20	20	28	37	20	33	37	19	15	17	18	1	8	23	23	19	22	7	0	20	18	17	-1	2	25	23	18.7
Little Rock	Maximum	53	47	61	58	55	51	60	61	62	49	48	50	39	35	57	46	26	28	32	42	53	50	27	28	33	30	28	22	26	34	40	42.9
	Minimum	29	27	29	41	32	31	27	40	49	36	39	39	30	24	26	21	13	15	24	29	31	27	15	10	19	26	20	12	21	24	27	26.9
Lutherville	Maximum	44	38	42	55	55	54	58	67	63	62	45	45	41	37	57	55	30	29	36	39	50	50	49	32	35	35	29	26	30	32	40	43.9
	Minimum	19	19	22	36	27	35	26	35	36	29	35	37	22	18	19	20	8	11	19	20	24	30	9	3	9	20	19	5	11	21	12	21.2
Magnolia	Maximum	74	53	66	62	62	63	54	74	68	64	66	63	46	42	60	55	29	29	28	37	40	58	48	31	36	38	33	33	28	33	40	48.8
	Minimum	29	28	31	39	30	42	29	43	56	41	45	44	30	21	27	24	12	7	20	25	31	30	20	11	24	29	25	17	20	25	20	28.2
Mammoth Spring	Maximum	46	42	54	53	46	55	57	63	62	53	55	45	42	41	49	47	45	27	38	41	52	47	29	29	26	29	25	25	23	29	29	42.1
	Minimum	28	22	18	20	19	22	19	26	27	22	32	38	21	14	16	12	6	6	14	16	17	24	4	1	10	12	19	2	2	19	18	17.0
Marianna /	Maximum	58	46	56	56	52	51	57	67	64	54	52	49	47	32	48	31	22	25	33	41	48	45	34	29	35	29	28	25	27	30	37	42.2
	Minimum	29	29	27	32	32	33	26	30	43	32	33	39	31	24	22	27	7	-7	7	20	28	31	15	11	14	22	23	11	11	21	26	23.5
Marked Tree /	Maximum	65	47	44	57	56	61	52	56	66	59	47	47	45	34	30	50	34	25	28	34	43	55	44	16	27	34	30	23	20	27	31	41.5
	Minimum	45	27	24	27	27	27	25	25	36	29	27	32	28	20	19	25	11	9	11	18	27	27	10	7	7	20	20	7	7	20	24	21.5
Marshall /	Maximum	40	42	60	50	55	54	58	68	60	50	50	44	40	33	51	40	22	26	35	40	50	45	35	28	35	29	25	21	30	30	30	41.2
	Minimum	24	18	25	38	25	28	30	41	43	25	36	39	21	18	22	20	7	10	22	23	24	29	9	1	13	22	19	1	12	24	23	22.3
Mena	Maximum	50	52	59	56	61	56	60	58	59	55	45	51	42	39	56	47	32	36	32	41	52	51	37	26	36	27	27	24	28	35	39	44.2
	Minimum	20	23	28	41	28	37	30	43	53	41	39	39	23	23	25	22	10	11	21	25	25	32	15	6	16	26	21	10	20	24	17	25.6
Monticello	Maximum	59	51	62	61	62	52	61	70	60	52	54	60	44	38	55	47	24	32	31	44	42	52	30	31	37	32	30	21	29	31	38	44.9
	Minimum	34	27	29	40	36	33	30	43	46	37	39	41	25	22	24	22	10	6	16	28	29	29	14	9	22	28	19	14	18	26	23	26.4
Morrilton /	Maximum	60	32	47	62	59	58	54	61	67	63	51	48	46	40	37	57	33	31	32	34	39	55	52	24	34	32	31	29	31	30	36	44.0
	Minimum	28	24	24	24	26	28	24	27	38	32	31	37	26	21	21	27	12	12	14	20	27	27	13	7	8	15	22	10	10	22	22	21.9
Mountain Home	Maximum	45	40	57	50	50	52	64	72	71	47	46	46	42	32	54	43	26	27	38	44	53	45	26	27	30	27	25	23	29	31	34	41.8
	Minimum	21	19	21	38	23	27	24	32	38	23	32	40	19	15	17	19	5	9	22	18	22	25	6	2	14	17	18	1	7	24	22	20.0
Mt. Ida	Maximum	54	44	54	58	62	60	62	61	60	57	56	48	42	33	58	53	36	35	33	37	59	52	51	26	37	32	35	32	35	33	42	46.4
	Minimum	24	19	22	23	21	28	18	30	44	37	38	39	26	16	18	22	9	5	15	27	29	32	16	0	16	15	16	12	23	24	10	21.7
Nashville	Maximum	58	52	63	61	64	58	56	63	61	58	51	52	42	41	58	50	34	30	32	39	47	48	43	28	36	33	30	27	28	35	43	45.8
	Minimum	24	26	26	33	28	36	26	37	46	41	40	42	28	19	21	30	17	14	23	28	28	29	20	10	21	28	26	16	22	26	19	26.8
Newport	Maximum	52	48	58	57	53	55	60	70	62	48	47	46	45	33	52	34	34	31	35	47	56	45	34	32	36	31	30	26	30	34	40	43.9
	Minimum	40	28	26	28	28	30	25	28	40	32	32	37	30	23	22	29	14	12	15	23	27	28	14	9	11	22	23	10	11	23	27	24.1
Nimrod Dam /	Maximum	65	40	51	61	55	61	54	62	65	65	53	48	47	40	38	58	32	32	36	36	39	57	55	26	32	36	28	31	24	28	33	44.8
	Minimum	26	24	24	24	25	26	23	24	40	33	34	40	26	25	18	32	10	9	9	22	23	24	14	4	7	20	23	10	12	23	19	21.7
Oden	Maximum	29	55	64	56	62	61	62	54	52	48	36	39	56	43	34	33	31	38	....	....	....	....	26	28	31	24	29	36	....	....	44	[f]42.8
	Minimum	22	25	26	35	24	36	....	37	38	38	25	24	21	30	8	7	21	....	26	....	15	17	3	25	12	11	24	25	21	18	24	[c]22.8

Daily Temperatures for January, 1948, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	69	53	65	65	66	60	60	67	65	63	53	58	47	46	60	60	45	30	31	37	45	53	49	29	36	35	32	30	29	34	45	48.9
	Minimum	25	25	26	35	28	36	28	41	40	40	42	44	30	21	23	28	25	12	23	28	30	32	21	11	22	31	29	18	22	27	20	27.8
Ozark	Maximum	58	29	48	55	57	55	55	59	69	69	51	50	46	39	36	58	32	30	32	35	36	51	53	29	28	35	30	28	24	29	34	43.2
	Minimum	26	23	23	25	27	30	28	27	36	33	31	40	26	24	20	22	14	12	20	23	22	23	14	9	9	10	24	10	9	23	23	22.1
Paragould	Maximum	60	40	55	53	49	52	54	62	60	55	45	47	40	35	45	44	26	27	35	30	52	50	29	26	33	29	26	21	31	30	35	41.5
	Minimum	28	26	22	38	24	32	32	34	49	26	28	40	26	18	20	24	10	10	15	19	24	24	7	4	18	18	18	4	15	26	25	22.7
Perryville	Maximum	52	51	61	60	....	55	53	66	64	60	49	49	43	34	57	47	31	32	34	40	59	54	55	41	35	31	29	25	28	35	36	[a]45.5
	Minimum	25	25	21	45	24	20	20	30	45	32	32	40	27	23	15	27	9	9	9	22	25	12	13	10	4	25	22	11	21	23	19	22.1
Pine Bluff	Maximum	69	34	52	63	61	62	54	62	68	58	51	55	53	41	39	58	36	21	29	33	40	45	50	21	30	36	31	27	23	28	33	44.0
	Minimum	32	28	27	30	32	33	27	27	47	39	38	40	32	23	23	28	12	4	8	23	30	31	18	12	12	22	25	15	14	22	24	25.1
Pocahontas	Maximum	....	45	53	54	48	54	55	63	63	55	45	45	42	34	46	42	28	29	34	43	54	49	28	29	35	31	28	29	31	32	36	[a]42.0
	Minimum	....	24	21	36	24	31	22	31	44	25	30	39	23	15	17	22	8	8	16	17	21	26	7	5	18	19	21	5	14	25	24	[a]21.3
Portland	Maximum	66	50	62	62	61	64	60	69	59	57	59	65	45	40	55	50	25	31	30	42	45	55	50	33	37	35	32	35	32	35	41	47.8
	Minimum	35	28	28	43	33	42	27	43	55	38	42	45	34	26	26	25	18	5	20	29	34	30	20	13	25	30	25	15	15	20	28	28.9
Prescott	Maximum	66	53	62	60	66	61	52	66	62	58	52	56	44	44	57	52	31	29	29	36	42	49	45	28	35	33	30	26	26	33	43	46.0
	Minimum	26	26	28	38	30	40	28	36	51	39	40	44	30	24	26	24	11	9	19	26	30	32	18	11	20	28	24	11	18	24	23	26.9
Rogers	Maximum	35	40	51	50	55	52	59	65	55	50	45	47	40	33	55	45	30	34	39	39	53	45	22	22	28	28	24	25	28	28	28	40.3
	Minimum	17	10	24	28	24	22	27	40	38	28	40	30	13	10	21	14	4	12	22	20	25	22	2	2	17	20	12	0	13	22	20	19.3
Russellville	Maximum	58	48	60	60	60	56	61	65	67	59	58	48	43	38	58	55	32	31	34	40	55	52	49	29	36	34	30	27	30	34	41	46.7
	Minimum	24	26	24	38	27	33	24	32	47	34	39	43	27	23	21	27	13	15	24	25	24	30	14	8	10	28	24	11	24	25	22	25.4
St. Charles /	Maximum	45	36	42	66	60	47	53	60	70	58	66	65	52	38	....	35	22	28	34	36	47	52	49	47	44	48	28	24	17	28	36	[a]44.4
	Minimum	30	28	23	30	25	28	27	27	47	31	32	32	31	24	....	19	10	9	12	17	19	18	16	10	11	12	24	10	12	12	22	[a]21.6
Searcy	Maximum	56	57	60	58	55	54	59	65	63	53	49	47	41	38	55	40	27	31	34	42	56	50	35	31	36	31	29	25	28	34	43	44.6
	Minimum	29	25	25	42	28	36	25	36	50	31	32	41	28	21	23	27	11	13	20	25	27	31	14	9	21	26	23	10	21	24	25	25.8
Sheridan	Maximum	58	50	60	60	59	53	60	62	61	52	54	54	42	38	57	49	47	....	32	42	47	50	43	29	36	30	28	26	27	34	46	[a]46.2
	Minimum	29	23	28	25	30	34	26	37	52	35	34	42	28	18	23	24	11	5	15	26	27	33	15	6	18	27	22	12	19	23	20	24.7
Siloam Springs	Maximum	40	46	53	50	58	52	58	67	60	52	48	48	44	36	54	45	30	35	40	43	52	48	34	21	30	28	26	25	29	30	32	42.4
	Minimum	17	13	25	34	27	26	29	32	40	30	40	41	17	16	25	17	6	15	21	25	25	28	5	7	12	22	13	3	14	24	19	21.5
Stuttgart	Maximum	66	48	60	59	57	52	60	68	65	55	49	52	40	35	55	49	26	27	33	39	48	46	44	29	34	31	34	34	28	32	39	45.0
	Minimum	31	26	29	40	31	35	27	41	53	35	37	39	30	23	25	23	11	7	17	27	30	33	17	10	20	24	22	13	18	21	22	26.4
Stuttgart Evap /	Maximum	67	35	47	57	57	55	52	57	77	65	49	51	52	36	34	52	33	25	26	32	40	40	45	20	29	35	30	27	22	28	39	42.4
	Minimum	34	27	28	30	30	31	26	26	43	35	37	37	31	25	23	32	12	4	15	22	30	32	18	11	12	22	20	13	13	22	20	24.5
Subiaco	Maximum	52	40	50	55	58	53	53	65	62	58	48	44	43	35	54	52	25	32	34	36	49	54	50	29	30	30	27	26	28	32	38	43.3
	Minimum	22	24	25	40	28	33	27	34	49	34	37	41	25	23	21	24	12	15	24	24	28	31	14	7	13	26	23	10	20	24	22	25.2
Texarkana	Maximum	42	52	65	62	65	58	55	65	66	55	55	61	42	41	60	53	30	31	30	35	40	56	44	27	33	32	30	23	27	30	40	45.3
	Minimum	26	28	34	41	36	40	32	47	54	45	44	41	27	26	30	23	15	13	22	29	30	32	18	14	23	29	22	18	23	25	21	29.3
Turnpike	Maximum	44	43	50	50	50	48	53	60	55	49	41	40	38	30	50	43	24	29	32	33	48	48	28	25	30	23	21	30	28	29	35	38.9
	Minimum	16	16	31	38	32	27	34	43	43	29	32	35	17	13	20	15	3	10	17	21	28	27	3	2	9	20	14	0	18	19	18	21.0
Waldron	Maximum	50	50	62	58	64	56	62	65	62	60	52	50	41	48	57	56	30	35	35	42	55	56	50	29	32	30	28	27	29	35	38	46.6
	Minimum	21	22	23	36	23	30	22	31	43	38	39	40	24	21	20	26	10	13	22	24	21	25	15	6	10	25	22	9	19	23	10	23.0
Warren	Maximum	70	52	57	69	65	51	56	56	61	58	53	53	45	37	57	48	....	....	....	....	....	....	....	....	....	....	....	26	28	32	38	....
	Minimum	31	29	32	45	31	39	27	28	47	38	41	41	31	25	25	24	13	3	15	17	19	31	21	11	24	29	26	15	19	26	27	26.8
White Rock	Maximum	50	44	51	49	49	52	55	56	57	50	40	43	38	33	49	42	29	28	33	34	52	46	33	22	28	25	22	23	24	29	35	39.4
	Minimum	14	16	30	37	33	29	34	43	46	33	32	34	14	14	20	15	4	11	15	21	27	33	2	5	11	20	13	2	15	13	18	21.1
Wilson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne /	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Daily River Stages for January, 1948

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	2.4	11.7	11.2	10.8	10.5	9.2	7.3	5.0	4.5	4.5	4.3	4.1	3.9	3.8	3.6	3.5	3.6	3.6	3.6	3.5	3.5	2.9	2.8	2.8	2.7	2.6	2.6	2.6	2.1	....	3.2
Van Buren	do	22	2.5	11.9	11.9	11.2	10.8	9.7	7.9	5.2	4.6	4.5	4.4	4.2	4.0	3.9	3.6	3.6	3.7	3.7	....	....	....	3.1	3.0	....	....	....	....	....	....	3.2	3.2
Danville	Petit Jean	20	21.1	24.8	23.6	23.2	22.5	21.8	21.2	20.8	20.0	19.0	17.9	14.6	7.1	5.0	4.5	4.3	4.1	4.0	3.9	3.8	3.8	3.8	3.8	4.0	4.0	4.0	4.0	4.0	4.4	4.4	4.4
Ozark	Arkansas	22	1.1	8.0	8.7	7.8	7.6	7.3	7.2	4.6	2.3	2.0	1.8	1.6	1.6	1.5	1.4	1.1	1.1	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6	0.4	0.2	0.2	0.2	0.2	0.1
Dardanelle	do	22	10.3	12.1	11.8	11.0	10.0	9.5	8.4	7.0	5.4	4.1	3.6	3.4	3.4	3.2	3.0	2.9	2.7	2.6	2.5	2.4	2.4	2.4	2.1	1.9	1.8	1.8	1.7	1.8	1.7	1.4	1.2
Morrilton	do	20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Little Rock	do	23	2.2	8.4	10.1	10.2	9.8	9.0	8.6	7.8	7.3	6.2	5.2	4.7	4.4	4.1	3.9	3.5	2.9	2.4	2.1	1.9	1.8	1.7	1.7	1.5	1.3	1.2	1.2	1.0	0.9	1.0	0.9
Pine Bluff	do	25	2.0	3.8	11.5	13.4	12.4	11.8	11.2	10.9	10.0	9.1	8.0	7.1	6.6	6.1	5.7	5.5	4.8	3.9	3.2	2.9	2.5	2.3	2.3	2.2	2.0	1.7	1.5	1.5	1.5	1.3	1.5
Gilbert	Buffalo	30	18.9	9.7	6.8	5.9	5.4	5.1	4.9	4.7	4.6	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.6
Black Rock	Black	14	13.1	19.0	19.3	17.9	17.1	16.7	16.5	16.1	15.6	15.1	14.8	14.5	14.5	14.3	14.0	13.4	12.9	12.1	10.8	9.3	8.3	7.6	7.0	6.4	5.8	5.3	4.9	4.4	4.1	3.9	3.8
Forsyth, Mo.	White	30	7.6	6.7	8.1	9.2	7.2	6.3	6.1	3.7	5.0	3.5	1.3	1.6	1.1	1.1	1.1	1.1	0.9	0.9	1.0	1.0	1.0	0.9	0.9	2.6	1.0	0.9	0.9	1.2	0.9	1.0	0.9
Cotter	do	21	12.9	9.4	7.2	7.3	8.6	6.9	6.0	5.5	4.6	4.2	4.1	4.3	3.1	3.1	3.5	3.1	2.9	2.9	2.8	2.1	2.2	2.6	2.2	2.1	2.1	2.0	2.0	2.2	2.0	2.1	2.1
Calico Rock	do	18	7.4	14.5	8.6	7.0	8.1	6.8	5.5	4.8	4.5	3.6	3.3	2.8	2.6	2.3	2.3	2.2	2.2	2.0	2.0	1.7	1.5	1.6	1.7	1.6	1.4	1.0	1.4	0.9	1.6	1.2	1.5
Lock 3	do	..	13.9	20.5	15.6	12.6	12.6	12.6	11.1	10.2	9.8	9.2	8.9	8.9	8.7	7.8	8.1	7.7	7.8	7.4	7.4	7.2	7.2	7.2	6.9	7.1	7.1	6.9	6.5	6.8	6.6	6.9	6.7
Batesville	do	23	15.8	22.5	18.3	14.0	13.2	13.7	12.0	10.9	10.3	9.8	9.0	8.9	8.3	7.8	7.7	7.5	7.3	7.0	6.8	6.9	6.4	6.4	6.3	6.4	6.3	6.1	5.8	5.9	5.9	6.0	5.9
Newport	do	26	6.1	17.1	21.0	20.3	19.0	19.0	18.7	17.6	16.8	16.0	15.0	14.3	13.7	13.0	12.2	11.7	11.0	10.2	9.6	8.7	7.7	6.8	6.5	5.5	5.0	4.5	4.3	4.3	3.5	3.0	3.0
Augusta	do	32	14.2	23.9	29.2	30.0	30.3	30.5	30.6	30.6	30.3	30.0	29.5	29.0	28.4	27.7	27.0	26.3	25.6	24.8	24.0	23.2	22.2	21.2	20.6	19.4	18.6	18.0	17.4	16.6	16.2	16.1	15.5
Sugar Loaf Mt.	Little Red	..	14.4	25.3	12.8	9.1	7.0	7.0	6.6	6.3	6.0	5.7	5.5	5.3	6.0	6.0	5.9	5.7	5.5	5.3	5.1	5.0	4.9	4.8	4.7	4.7	4.6	4.6	4.4	4.3	4.2	4.1	4.1
Georgetown	White	21	5.3	13.4	18.4	19.6	19.6	19.6	19.6	19.7	19.7	19.7	19.5	19.3	19.0	18.6	18.1	17.5	16.7	16.0	15.1	14.2	13.3	12.4	11.2	10.4	9.4	8.7	8.0	7.3	6.7	6.1	5.6
Des Arc	do	24	7.9	12.1	17.2	19.0	19.9	20.4	20.6	20.7	20.8	21.0	21.0	20.9	20.7	20.5	20.2	19.8	19.0	18.7	18.1	17.4	16.7	15.8	14.8	14.0	13.5	12.2	11.4	10.5	9.3	9.2	8.4
Clarendon	do	26	14.9	15.9	18.5	20.4	21.6	22.3	23.0	23.7	24.3	24.7	25.0	25.2	25.4	25.5	25.5	25.5	25.4	25.2	25.0	24.8	24.5	24.1	23.6	23.0	22.4	21.7	20.9	20.0	19.0	18.0	17.0
St. Charles	do	25	14.4	14.9	17.1	18.2	19.4	19.9	20.5	21.0	21.5	22.0	22.4	22.7	23.1	23.3	23.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.6	23.5	23.4	22.5	21.8	20.8	19.6	18.2
Glenwood	Caddo	..	6.3	6.2	5.9	5.8	5.7	5.7	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Arkadelphia	Ouachita	17	11.8	17.6	20.7	19.4	13.7	9.9	7.0	6.9	8.3	8.7	7.0	6.8	6.8	6.6	7.1	7.2	7.3	6.8	4.6	6.6	7.2	6.8	6.8	6.8	5.6	4.4	6.6	6.9	6.5	6.4	5.7
Boughton	Little Mo.	20	11.4	15.7	16.6	17.2	15.3	11.9	9.6	9.1	8.2	7.7	7.6	7.4	7.1	6.9	7.2	7.1	7.0	7.3	7.8	8.0	7.5	7.4	7.2	7.1	7.0	6.8	7.0	7.3	8.2	8.8	7.2
Camden	Ouachita	26	10.7	16.9	22.7	26.0	27.9	29.1	29.6	28.6	26.3	23.4	20.9	18.4	16.2	14.7	18.7	12.9	12.4	12.8	13.1	12.1	11.3	12.3	13.6	13.3	12.8	12.2	11.0	11.8	14.2	14.3	13.4
Benton	Saline	20	9.1	13.7	11.4	9.1	7.4	7.2	7.0	6.6	6.4	6.3	6.2	6.1	6.2	6.1	6.1	6.0	6.0	5.9	5.6	5.5	5.4	5.4	5.4	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.1
Index	Red	25	7.4	7.4	14.9	16.6	15.5	14.5	12.6	12.5	10.2	9.8	9.6	9.4	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.1	9.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Fulton	do	25	9.4	14.6	18.6	20.3	20.3	20.0	19.5	18.7	18.0	17.3	16.4	15.2	13.7	12.1	11.0	10.2	9.6	10.0	10.2	10.1	9.8	9.6	9.2	8.9	8.5	8.3	8.4	8.5	8.6	8.7	8.7
St. Francis	do	18	14.3	16.1	16.8	17.1	17.5	18.5	19.8	20.5	20.8	20.8	20.7	20.7	20.6	20.3	19.9	19.6	19.2	18.7	18.1	17.4	16.7	15.8	14.7	13.4	12.2	11.3	10.8	10.3	9.8	9.3	8.8
St. Francis L.L.	do	..	21.9	21.6	21.4	21.3	21.5	21.6	22.1	22.3	22.4	22.6	22.7	22.8	23.0	23.1	23.2	23.4	23.6	23.7	23.7	23.7	23.7	23.6	23.4	23.3	23.0	22.5	22.2	22.0	21.8	21.5	21.2
Marked Tree	do	17	4.0	7.3	8.1	8.4	8.4	8.0	8.0	7.9	7.9	7.8	7.7	7.8	7.9	8.0	8.0	8.0	8.0	8.1	8.1	8.0	8.0	8.0	7.9	7.6	7.7	7.7	7.7	7.7	7.6	7.5	7.5
Parkin	do	28	9.1	12.9	14.5	15.1	14.9	14.1	13.0	11.9	11.2	10.8	10.6	10.6	11.0	11.6	11.7	11.9	12.1	12.4	12.6	12.8	13.0	13.1	13.1	12.8	12.6	12.1	11.8	11.3	10.8	10.7	10.7
Madison	do	32	10.9	11.6	12.9	13.6	13.6	13.3	12.6	11.6	11.0	10.8	10.7	10.8	11.0	11.7	12.0	12.3	12.3	12.6	12.9	13.2	13.6	13.6	13.9	13.7	13.3	12.7	12.0	....	....	....	....
Helena	Mississippi	44	6.3	6.5	7.2	7.5	10.0	13.9	16.5	18.0	18.7	19.2	19.3	19.4	19.5	19.3	18.9	18.4	17.6	16.6	15.7	14.7	14.2	13.9	13.8	13.7	12.8	11.2	9.4	7.7	7.1	6.8	7.2
Arkansas City	do	42	5.7	5.8	6.3	8.5	9.8	11.5	13.8	15.7	16.8	17.3	17.4	17.4	17.4	17.3	17.2	16.8	16.3	15.8	15.2	14.3	13.6	13.1	12.7	12.6	12.5	11.9	10.8	9.4	8.3	7.2	6.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio: Cummins Farm, Gould: Devils Knob, Salus: Eagle Gap. Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3. Morrilton; Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill; Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord: White Rock, Route 2, Winslow.

W.B.R.P.O., Fort Worth, Texas. 3-18-1948-1225

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CLIMATOLOGICAL DATA

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ARKANSAS SECTION

WALTER C. HICKMON

VOL. LIII LITTLE ROCK, ARK., FEBRUARY, 1948 No. 2

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GENERAL SUMMARY

There were no extremes in weather during February, but there was a general collection of bad weather. Agriculture did benefit from the well-distributed above normal precipitation, which bolstered the sub-soil moisture considerably.

February, 1948 made a record for itself by having the greatest number of days with measurable precipitation for all February's of record. It was not the wettest, but did average more days with measurable precipitation, with a total of 13 days. The previous record was 12 days, in 1939 and 1944.

The atmospheric pressure over Arkansas during the month was relatively high, and during the first 15 days, there was an almost continuous movement of cold air masses from Canada into this section. This maintained the pressure and, at the same time, kept the temperatures low.

There was an average of about 10 days precipitation during the first 15 days of the month, and it was the result of the mixing of the new cold air masses with the warmer air over Arkansas. Another period of precipitation prevailed from the 21st through the 27th. The latter part of this period was the result of the passage of a LOW over the State.

As mentioned before, Agriculture gained considerably by the replenishing of the sub-soil moisture, but at the same time, farm work was limited to such things as butchering, wood cutting and fence repair. The weather was too cold and too wet for any amount of ground preparation for spring planting. Winter grains and pastures were in excellent condition at the close of the month.

The weather hampered Commerce and Travel throughout the month. The continued cold and precipitation kept the highways and roads covered in snow, ice, slush and mud, which began in the last week of January. One person died from exposure near Conway.

There were minor floods on the Petit Jean, Ouachita and Lower White Rivers during the month. Damage was slight, due to the time of year, and loss was mostly due to necessity of moving cattle from pastures along the rivers. A few cattle were lost.

TEMPERATURE

February's average temperature for the State was 41.5°, 2.1° below normal. Portland and Crossett reported the highest averages, with 47.4°, and the lowest was along the north border at Mammoth Spring, with 35.7°

The lowest temperature during the month was 8° at Gravette, on the 14th. The highest was 82° at Okay, on the 29th. All stations in the State reported highs in the upper 70's during the period 17th to 19th. Several stations set new record highs for individual days during this period.

PRECIPITATION

The average precipitation for the Month was 6.08 inches, 2.54 inches above normal. The precipitation was well distributed over the Month, and no exceptionally heavy falls occurred at any one time.

Only two stations, Paragould and St. Francis, reported below-normal preceipitation. The greatest monthly total occurred at Clarendon, 11.15 inches. Gravette reported the lowest total, with 3.04 inches, which is 0.84 inch above their normal. Snowfall was normal for the State, with 1.8 inches.

Summary Continued on Page 10

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	..	1	1	2	1	1	17	..	1	..	28	28	16	1	..	..	..	..	7	..	2	..	1	2	12	40	8	1	4	..	..
High Winds	..	..	..	1	..	1	1	3	3	2	1	2	3	1	1	..	2	3	16	10	1	..	..	1	..	3	41	6	1	..	..
Heavy Fog	5	3	14	47	39	27	35	7	4	5	29	25	25	2	1	2	18	5	3	2	6	3	21	32	56	62	25	..	1	..	..
Sleet	1	4	11	6	17	5	1	5	11	4	14	30	2	..	..	..	..	1	5	12	76	6	2	1	..	1	..	..	..	..	..
Hail	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.46	15	29.37	27	8.7	35	sw.	27	86	70	70	35	658
Little Rock	30.52	15	29.48	27	8.8	32	sw.	27	84	75	73	27	658
Memphis	30.57	15	29.52	27	7.9	27	sw.	27	87	71	78	38	659
Texarkana	30.12	15	29.18	27	....	48	sw.	27	87	71	73	..	542

COMPARATIVE DATA FOR FEBRUARY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.5	80	6	2.92	....	8	10	9	9
1892	49.0	78	18	3 47	T.	7	11	9	9
1893	42.4	74	2	4.05	0.8	8	9	6	13
1894	40.5	75	0	6.32	2.5	8	8	7	13
1895	33.5	78	−17	0.71	2.0	4	10	7	11
1896	45.2	79	11	3.30	0.5	6	15	6	8
1897	46.6	89	7	2.59	0 7	4	10	7	11
1898	45.8	82	7	2.08	T.	5	15	5	8
1899	31.8	75	−25	2.18	2 7	6	12	6	10
1900	39.7	74	− 5	5.06	1.2	8	9	7	12
1901	40.8	79	10	2.18	1.6	6	10	7	11
1902	35.0	72	− 2	2.60	3.2	5	9	8	11
1903	41.0	79	−12	7.63	2 7	10	10	6	12
1904	44.9	86	10	2.47	0.8	5	12	8	9
1905	32.3	82	−29	2.55	7.1	7	9	6	13
1906	41.8	75	− 7	2.21	1.6	6	15	5	8
1907	44.9	83	4	2 77	0.5	6	12	6	10
1908	44.2	78	0	5.26	0.4	9	12	5	12
1909	47.3	82	5	5.41	0.9	8	13	6	9
1910	39.0	75	−13	3.66	5 9	7	11	6	11
1911	49.8	87	7	4 31	0.3	9	9	8	11
1912	37.9	78	− 7	2 80	4.5	6	12	8	9
1913	41.0	82	5	3.74	1.8	8	11	6	11
1914	40.4	79	− 2	4.23	0.9	7	11	7	10
1915	45.9	76	11	4.47	1.3	8	11	5	12
1916	43.4	82	6	1.78	1.3	5	14	4	11
1917	43.4	89	− 4	1 93	1.1	4	15	5	8
1918	46.9	93	4	1.17	0.4	4	12	6	10
1919	44.1	80	−10	3.34	2 5	8	13	4	11
1920	45.0	79	− 2	1.26	1.0	5	11	8	10
1921	48.3	85	− 3	3.59	9.8	6	15	5	8
1922	47 8	84	10	4.89	1.3	8	9	7	12
1923	41.9	80	5	4.66	1 9	8	11	4	18
1924	42 9	82	− 7	2.26	0.4	7	12	4	18
1925	49 3	83	12	3.37	0.5	6	12	7	9
1926	48.5	88	10	2.02	0.3	4	15	5	8
1927	52.1	90	9	2.62	1.5	8	10	7	11
1928	45.0	79	10	2.23	0.6	7	12	6	11
1929	35.4	76	−20	4.01	8.8	10	9	4	15
1930	52.2	86	16	3.92	0.0	6	12	6	10
1931	48.2	75	14	4.77	T.	8	13	4	11
1932	52.0	86	9	4 72	T.	9	13	5	11
1933	41 5	82	−13	3 53	2.4	10	11	5	12
1934	41.5	82	3	2.00	0.5	6	14	4	10
1935	45.8	87	8	2.44	T.	6	12	5	11
1936	36.5	89	−15	1.70	2.4	7	12	5	12
1937	44 2	84	12	2.11	0.2	6	11	7	10
1938	50.9	87	8	6.08	0.1	7	9	7	12
1939	43.6	76	4	8.56	3.2	12	10	5	13
1940	41.9	88	10	3.31	3 2	10	7	5	17
1941	40.8	72	7	2.92	3 4	8	11	5	12
1942	41.2	81	− 2	2.97	1.4	8	9	7	12
1943	47.5	83	7	1.00	0.4	3	14	8	6
1944	48.2	87	4	7.34	2.5	12	8	7	14
1945	44.1	88	12	7.86	1.0	11	7	5	16
1946	47.6	78	11	5.05	2.6	9	14	4	10
1947	37.2	80	1	0.78	1.8	3	17	6	5
1948	41.5	82	8	6.08	1.8	13	..	..	..
Period	43 6	93	−29	3.54	1.8	7	..	..	..

Climatological Data for February, 1948

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	11	^{b}42.7	− 2.1	77	17	15	10	6.96	+1.85	1.66	25	3.0	13					L. R. Water Works
Arkadelphia	Clark	200	52	42.8	− 3.1	78	19	18	11	6.56	+2.74	1.78	25	3.0	18					W. H. Halliburton
Ashdown	Little River	329	4	41.2	......	75	17	21	1†	4.52	......	0.89	11	5.0	15					Southwestern G. & E.
Batesville Airway	Independence	363	12	41.0	− 0.2	75	19	17	1	5.58	......	1.41	25	0.8	12					Airway Observer
Batesville Livestk.	Independence	500	7	39.4	......	76	18	12	2	4.48	......	1.00	25	T.	10					University of Arkansas
Bee Branch	Van Buren	650	55	41.0	− 1.7	72	17†	16	1	7.35	+4.19	1.34	24	0.5	10					Minnie Scanlan
Benton	Saline	285	12	39.2	− 3.9	76	19	9	1	8.33	......	1.56	25	T.	17					Mrs. Etta C. Burks
Bentonville	Benton	1295	42	35.9	− 3.9	75	18	9	14†	4.04	+1.77	0.96	6	8.0	11					E. L. Brown
Bethesda***	Independence	500	8	38.2	......	76	18	11	10†	3.98	......	0.69	25	T.	7					Soil Cons. Service
Black Rock	Lawrence	259	46	....	......	......	......	......	......	4.28	+1.06	1.44	25	2.0	9					J. H. Ragan
Blytheville	Mississippi	252	22	^{b}42.5	− 0.9	73	18	18	10	5.79	+2.53	1.68	4	0.5	10					R. E. Blaylock
Booneville 3 miles w	Logan	465	33	43.7	− 1.8	81	17	15	14	5.33	+2.65	1.44	25	0.5	12					F. H. Randolph
Brinkley	Monroe	205	56	42.4	− 1.8	75	17†	12	10	9.39	+5.19	2.70	12	2.0	15					Robert L. Glover
Camden	Ouachita	116	62	^{a}43.9	− 3.4	81	29	18	10†	4.45	+0.47	1.02	8	0	13					J. M. Knight
Camp Chaffee	Sebastian	419	4	^{a}40.8	......	78	18†	15	14	4.69	......	1.45	26	1.1	12					U. S. Army
Clarendon	Monroe	172	43	....	......	......	......	......	......	11.15	+7.13	3.02	12	T.	18					B. F. Northern
Conway	Faulkner	309	64	42.6	− 2.1	77	17	17	10	8.51	+4.72	2.82	25	T.	14					G. Y. Short
Corning	Clay	293	54	38.0	− 2.2	76	19†	16	2†	4.34	+0.91	0.76	25	1.5	10					Mrs. Laura Polk
Cotter	Baxter	440	20	....	......	......	......	......	......	5.27	+2.26	0.98	6	4.0	14					O. B. McSpadden
Crossett 7 miles s	Ashley	175	35	47.4	− 0.2	81	28	18	10	8.47	+4.72	2.20	12	2.2	14					U. S. Forest Service
Cummins Farm***	Lincoln	176	4	42.8	......	74	26	10	10	8.08	......	3.40	12	5.5	14					T. C. Cogbill
Danville	Yell	327	31	....	......	......	......	......	......	7.03	+4.03	1.33	26	T.	16					J. A. Moudy
Dardanelle	Yell	330	61	41.9	− 3.0	79	18	21	2†	6.49	+3.33	0.93	26	0	16					Geo. N. Goodier
DeQueen	Sevier	426	12	^{a}44.3	− 3.6	75	17	20	22	6.49	+2.20	2.05	25	T.	10					L. D. McCown
Des Arc	Prairie	204	9	39.8	......	75	19	17	1†	7.69	......	1.24	27	0.8	16					Z. R. Glenn
Devil's Knob***	Johnson	2350	11	36.8	......	71	18	13	10	6.68	......	1.18	26	1.8	12					U. S. Forest Service
Dumas	Desha	162	42	44.8	− 3.1	76	29	11	10	7.91	+3.80	2.81	12	4.5	15					Ben Johnson
El Dorado	Union	270	47	46.3	− 3.0	78	28	18	10	5.00	+0.77	1.30	12	3.4	17					Airway Observer
England	Lonoke	229	41	....	......	......	......	......	......	....	......	....	......	......	....					Joseph M. Dolan
Eureka Springs	Carroll	1465	47	39.6	− 1.5	75	18	13	9	3.93	+1.25	1.00	5	5.7	12					Geo. W. Nichoalds
Fayetteville	Washington	1334	10	40.2	......	75	17	15	14	3.75	......	0.86	5	1.6	14					Charles F. Ford
Fayetteville Exp.	Washington	1451	60	39.9	− 0.5	75	17	12	14	3.47	+1.04	0.78	4	1.8	13					University of Arkansas
Fordyce	Dallas	280	7	46.4	− 1.8	78	26	12	22	8.13	+3.67	1.65	12	4.0	14					Ark. Forestry Com.
Fort Smith	Sebastian	448	66	42.4	− 0.4	77	17†	16	14	4.68	+2.12	0.90	5	2.0	14					U. S. Weather Bureau
Fulton	Hempstead	260	62	....	......	......	......	......	......	6.00	+2.72	1.15	25	4.0	15					Ina J. Logan
Georgetown, 2 mi. se	White	200	35	....	......	......	......	......	......	8.39	+4.68	1.85	26	T.	18					J. S. McDonald
Gilbert	Searcy	600	22	37.8	......	79	18	10	10	4.11	+1.22	0.97	6	T.	14					D. O. Dennis
Grannis	Polk	950	28	42.0	− 3.1	74	17†	19	9†	7.01	+2.77	1.50	24	8.0	17					W. E. McVay
Gravette	Benton	1250	50	39.0	0.0	73	17†	8	14	3.04	+0.84	0.84	12	1.5	9					J. A. Schmidt
Green Mountain***	Stone	1100	10	37.6	......	71	16	12	9	4.58	......	1.10	25	1.1	8					U. S. Forest Service
Harrison	Boone	1052	47	37.4	− 2.1	76	17	9	2	5.54	+2.88	1.32	21	1.5	12					R. C. Beene
Helena	Phillips	300	75	42.6	− 2.3	73	28	17	10	8.13	+3.63	2.20	12	0.2	16					James A. Burnett
Hope 3 miles e	Hempstead	375	77	43.2	− 4.1	78	27	17	11	6.80	+2.73	1.47	12	6.0	16					Univ. of Arkansas
Hot Springs	Garland	600	55	44.0	− 2.8	76	17	20	9†	7.80	+4.11	1.39	25	1.2	14					National Park Service
Jonesboro	Craighead	345	52	39.8	− 3.0	75	18	17	2	5.78	+2.00	1.10	4	0.5	14					Benedictine Sisters
Lead Hill	Boone	650	41	38.5	− 0.1	77	17	10	14	3.59	+0.48	0.78	5	4.0	12					F. W. Kellogg
Little Rock	Pulaski	257	68	42.2	− 2.7	75	18	21	2	7.14	+3.30	1.58	26	T.	14					U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	49	41.0	− 1.5	80	18	15	14	6.19	+2.78	1.32	25	1.5	11					Mrs. H. G. Lenhardt
Madison	St. Francis	209	17	....	......	......	......	......	......	9.74	+5.23	2.25	13	1.5	16					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	31	....	......	......	......	......	......	....	......	....	......	......	....					State Agri. School
Mammoth Spring	Fulton	600	43	35.7	− 4.6	75	19	10	1	4.62	+1.91	1.12	6	T.	11					L. A. O'Neal
Marianna	Lee	235	36	40.8	− 4.7	71	17†	17	11	10.41	+6.53	3.00	12	T.	15					Univ. of Arkansas
Marked Tree	Poinsett	229	43	38.6	− 4.0	75	19	15	2†	6.20	+2.53	1.37	13	1.0	13					Chas. Walton
Marshall	Searcy	1050	29	40.4	− 2.6	78	17	15	1	4.26	+1.72	0.80	5	2.0	11					Mrs. Minnie Horton
Mena	Polk	1207	59	43.5	− 0.8	80	17	19	1†	6.21	+2.85	1.86	26	2.5	19					E. W. St. John
Monticello	Drew	273	7	45.0	......	78	28	20	10	6.61	......	2.31	12	3.0	17					Airway Observer
Morrilton***	Conway	315	31	40.4	− 4.3	77	19	18	2	6.73	+3.52	1.63	26	T.	14					L. A. Dicus
Mountainburg	Crawford	712	10	....	......	......	......	......	......	4.58	......	1.03	26	2.0	11					C. A Lovell
Mountain Home***	Baxter	800	35	39.4	− 2.2	76	17	11	1	4.25	+1.68	0.90	5	2.0	9					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	48	42.4	− 2.5	78	28	13	1†	6.18	+2.22	1.33	25	1.0	13					J. S. Whittington
Nashville	Howard	350	9	44.8	......	76	17†	18	10	4.82	......	0.80	11	5.6	15					Brice Carruth
Newport	Jackson	231	64	41.8	− 0.8	77	18	17	1	5.84	+2.30	0.93	12	0.1	15					Willis T. Moyer
Nimrod Dam	Perry	475	6	40.0	......	79	18	14	10	5.89	......	1.60	26	0.3	16					U. S. Engineers
Oden, 2 mi w	Montgomery	800	20	....	......	......	......	......	......	....	......	....	......	......	....					U. S. Forest Service
Okay	Howard	288	19	^{a}46.4	− 2.6	^{b}82	29	19	10	4.07	+0.17	0.85	12	3.0	12					J. T. Hargis
Osceola	Mississippi	250	47	....	......	......	......	......	......	4.99	+0.53	1.54	12	2.7	10					C. E. Carter
Ozark	Franklin	396	52	40.6	− 3.0	78	19	18	14	5.32	+2.54	1.72	26	0	15					Orkney O. Milton
Paragould	Greene	275	24	^{b}38.8	......	72	17†	18	10	3.85	−0.01	1.04	4	T.	11					Jene J. Coffman
Parkin, 2mi. w	Cross	222	17	....	......	......	......	......	......	7.55	+3.40	1.75	13	T.	11					Carroll King
Perryville	Perry	325	8	40.4	− 2.4	78	17†	14	9	6.77	+3.35	2.00	25	0	11					Gordon Bennett
Pine Bluff	Jefferson	215	60	42.2	− 4.4	76	19	22	1†	7.36	+3.26	2.22	12	0.8	17					Mary T. Scheu
Pine Ridge	Montgomery	840	23	....	......	......	......	......	......	5.59	+1.84	1.01	26	0.5	14					J. R. Huddleston
Pocahontas	Randolph	300	54	40.6	− 0.2	76	19	15	2	4.33	+1.04	0.85	11	1.2	12					Benedictine Sisters
Portland	Ashley	122	41	^{a}47.4	− 2.0	79	28	19	10	6.71	+2.43	2.00	12	4.0	13					Mrs. Pearl Newton
Prescott	Nevada	318	59	45.4	− 2.5	77	26	19	10	6.61	+2.81	1.35	12	8.0	17					R. P. Hamby
Rogers	Benton	1300	57	38.8	− 0.9	77	17	12	14	3.90	+1.83	0.99	5	2.1	12					Howard Fowler
Russellville	Pope	526	35	43.2	+ 1.5	77	17†	20	2	6.89	+3.53	1.84	25	T.	10					U. S. Forest Service
St. Charles	Arkansas	175	14	^{a}41.5	......	74	19	17	10	9.49	......	3.15	12	0.7	17					U. S. Biological Survey
St. Francis	Clay	290	20	....	......	......	......	......	......	3.41	−0.78	0.65	12	1.0	9					Wm. S. Buckley
Searcy	White	245	37	42.4	− 2.5	76	17	18	1	6.87	+3.37	1.41	26	T.	15					Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	7	43.2	......	75	18	15	10	6.77	......	2.27	25	0	16					Ark. Forestry Com.
Siloam Springs	Benton	1150	7	....	......	......	......	......	......	....	......	....	......	......	....					John Brown Univ.
Story	Montgomery	650	23	....	......	......	......	......	......	4.33	+0.92	0.73	26	2.2	13					S. C. Story
Stuttgart	Arkansas	214	60	42.6	− 2.5	74	18	19	1†	8.83	+4.75	2.50	12	0	14					George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	12	40.9	− 3.9	70	18†	18	2	7.38	+2.72	2.24	12	T.	17					University of Ark.
Subiaco	Logan	750	49	42.2	− 1.7	76	18	21	1†	5.85	+2.92	1.00	3	1.0	13					New Subiaco Abbey
Texarkana	Miller	332	63	46.4	− 2.0	78	17	23	10	5.12	+1.75	0.85	11	1.8	17					U. S. Weather Bureau
Turnpike***	Pope	2240	23	38.2	......	74	17	13	9	6.21	+2.77	1.03	25	3.4	11					U. S. Forest Service
Waldron	Scott	675	28	42.8	......	78	17	15	1	5.22	+1.76	1.35	25	4.5	13					William D Bivens
Warren	Bradley	206	53	46.0	− 1.7	76	18	19	11	8.44	+4.03	3.38	12	4.0	13					C. N Turner
White Rock***	Franklin	2285	11	38.4	......	72	17†	12	10	5.11	......	1.09	25	1.8	12					U. S. Forest Service
Wilson	Mississippi	237	22	....	......	......	......	......	......	....	......	....	......	......	....					D. O. Anderson
Wynne	Cross	167	39	^{a}41.2	− 3.3	72	17	17	1†	8.72	+4.91	2.00	12	0	14					Guy B. Upton
State Means	....	....	..	41.5	− 2.1	82	29	8	18	6.08	+2.54	3.40	12	1.8	13					

Daily Precipitation for February, 1948

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	....	....	.15	.70	.45	.78	....	.15	....	....	.02	.12	.42	....	....	....	....	....	....	....	....	....	....	....	.25	.95	.67	.03	....	....	....	4.69
Alum Fork Reser.	Arkansas	....	....	T.	.40	.60	.10	T.	....	.25	....	.45	.55	.20	....	....	....	....	....	T.	T.	.15	....	.15	1.22	1.66	.98	.25	....	....	....	....	6.96
Aplin[2]	Arkansas	....	....	T.	.37	.27	.44	....	.20	T.	.11	.42	.27	.07	....	....	....	....	....	....	....	.25	.04	....	.46	.48	1.70	.51	.18	....	....	....	5.77
Arkadelphia[2]	Ouachita	....	....	....	.35	.07	.46	.06	.39	.10	.03	.06	1.33	.76	.06	....	....	....	....	....	T.	.01	.23	....	.50	1.78	.07	.19	.11	T.	....	....	6.56
Arkansas City[2]	Mississippi	....	....	....	.23	.35	.15	.31	1.11	.24	.31	.11	1.46	2.67	.28	....	....	....	....	....	1.15	.02	.53	T.	.20	.79	.03	.02	.20	....	....	....	10.16
Ashdown[2]	Red	....	.05	.18	.15	.23	.10	.56	....	.42	.09	.89	.37	....	....	....	T.	....	T.	.18	....	....	....	.29	.73	.10	.18	....	....	....	....	....	4.52
Augusta[2]	White	....	....	....	.34	.20	.36	T.	T.	....	....	T.	1.45	.80	.18	....	....	....	....	....	.04	.30	.18	....	.34	.98	1.17	.50	.14	....	....	....	6.98
Batesville Air'y[3]	White	....	....	.11	.70	.61	....	.15	....	....	....	.49	.16	.42	....	....	....	....	....	....	....	.17	....	....	.80	1.41	.22	.34	....	....	....	....	5.58
Batesville Livestk[2]	White	....	....	.65	.10	.54	....	....	....	....	....	....	.55	.62	....	....	....	....	....	....	T.	.18	T.	T.	T.	1.00	.46	.19	.19	....	....	....	4.48
Batesville River[2]	White	....	....	....	.78	.61	T.	....	.22	....	....	T.	.46	.14	.35	....	....	....	....	T.	.03	.09	.09	....	.24	1.30	.57	.21	.31	....	....	....	5.40
Beaty Lake	St. Francis	....	....	T.	.59	.34	.20	.12	.06	.03	....	.10	2.72	.87	.04	....	....	....	....	T.	.18	.46	....	....	.20	1.31	1.05	.31	....	....	....	....	8.58
Beaver[2]	White	....	....	.09	.09	.16	.71	.01	....	....	....	.04	.25	.74	.08	....	....	....	....	....	....	.08	.05	....	.04	.12	.43	.37	.18	....	....	....	3.44
Bee Branch	Arkansas	....	....	....	1.09	.72	T.	....	....	T.	....	.61	.13	.27	....	....	....	....	....	....	....	.28	....	....	1.34	1.28	1.25	.38	....	....	....	....	7.35
Beech Grove[2]	White	....	....	....	1.34	.03	.70	....	....	....	....	.10	.64	.28	.30	....	....	....	....	....	....	....	.21	....	.27	.65	.38	.04	.21	....	....	....	5.15
Beedeville[2]	White	....	....	T.	.82	.15	.33	T.	....	....	....	T.	1.35	.48	.52	....	....	....	T	....	....	.48	....	....	.44	.94	.57	.34	....	....	....	....	6.42
Benton[2]	Saline	....	....	....	.63	.14	.65	.06	.41	....	.08	.42	.90	.75	.27	....	....	....	....	....	.04	.14	.29	....	.14	1.56	.60	1.05	.20	....	....	....	8.33
Bentonville[2]	Arkansas	....	....	.15	....	.12	.96	T.	....	....	....	.26	.63	.05	....	....	....	....	....	....	T.	.07	....	....	.15	.49	.52	.64	....	....	....	....	4.04
Bethesda[2]	White	....	....	....	.67	T.	.62	....	....	....	....	....	.51	.62	T.	....	....	....	....	T.	T.	T.	....	....	.36	.69	.51	T.	....	....	....	....	3.98
Big Flat[2]	White	....	....	....	.14	T.	.72	....	....	....	....	....	.55	.39	.24	....	....	....	....	....	.14	T.	.12	....	.27	.93	.68	.23	....	....	....	....	4.41
Big Lake Outlet[2]	St. Francis	T.	T.	T.	1.13	.04	....	.01	.08	....	....	....	.95	.79	.30	....	....	....	....	....	T.	.02	.12	....	T.	.24	.83	.24	.38	....	....	....	5.13
Black Rock[2]	White	....	....	.81	T.	.68	....	....	....	....	....	T.	.54	.31	....	....	....	....	....	....	....	T.	.14	....	....	1.44	.02	.32	.02	....	....	....	4.28
Blytheville[2]	St. Francis	.42	....	....	1.68	T.	....	.38	T.	....	....	.78	.39	.70	T.	....	....	....	....	....	T.	.23	....	....	.02	.80	T.	.39	....	....	....	....	5.79
Booneville 3 mi. w.	Arkansas	....	....	.10	.53	1.13	....	.11	....	T.	....	.25	.40	.20	....	....	....	....	....	....	....	.25	....	....	.20	1.44	.55	.17	....	....	....	....	5.33
Booneville[2]	Arkansas	....	....	.01	.61	.22	1.09	.02	.16	....	T.	.02	.35	.46	.15	....	....	....	....	....	....	.13	.16	....	.21	.20	1.13	.58	.10	....	....	....	5.60
Boughton[2]	Ouachita	....	....	....	.35	....	.28	.15	.61	.31	.02	.09	1.52	.88	.04	....	....	....	....	....	....	.16	.27	....	.38	1.27	....	....	.27	....	....	....	6.60
Bradford[2]	White	....	....	....	.68	.09	.38	....	.03	....	....	.02	.86	.42	.48	....	....	....	....	....	.03	.02	.13	....	.22	.63	.89	.52	.15	....	....	....	5.55
Brinkley[3]	White	....	....	....	.49	.50	.25	.18	T.	.11	....	.14	2.70	.84	T.	....	....	....	....	.06	.32	.74	....	....	.24	1.28	1.31	.23	....	....	....	....	9.39
Burdette	Mississippi	....	....	1.10	....	.21	....	.17	....	....	....	....	.75	1.69	.22	....	....	....	....	....	....	....	.14	....	.84	.54	....	.57	....	....	....	....	6.23
Calico Rock[2]	White	.08	.03	T.	....	....	.97	....	....	....	....	....	.44	.46	.23	....	....	....	....	....	.06	.05	.11	....	.30	1.10	.84	.14	.14	....	....	....	4.95
Camden[2]	Ouachita	....	....	....	.42	.17	.25	.07	1.02	....	....	....	....	.88	....	....	....	....	....	....	....	.03	....	.27	.20	.97	.02	.07	.08	....	....	....	4.45
Camp Chaffee[2]	Arkansas	....	....	.09	.87	.22	.74	T.	.01	....	....	.03	.12	.59	T.	....	....	....	....	....	....	....	T.	....	.01	.16	1.45	.40	....	....	....	....	4.69
Carlisle[2]	Arkansas	....	....	....	.24	.13	.53	.03	.16	....	....	.07	.95	.94	....	....	.16	....	....	....	.15	....	.35	....	.41	1.11	.55	3.00	....	.24	....	....	9.02
Clarendon[2]	White	....	....	....	.51	.05	.57	.07	.29	....	.01	.01	3.02	2.33	.07	....	....	....	....	....	.24	.10	.33	....	.20	.48	.18	2.51	.18	....	....	....	11.15
Clinton[2]	White	....	....	....	1.00	.20	.72	....	....	....	....	.01	.80	1.30	.30	....	....	....	....	....	.02	.01	.03	....	.04	1.75	1.64	.03	....	....	....	....	7.85
Cold Springs[2]	Ouachita	....	....	....	.11	.40	.65	.45	.12	....	.03	T.	.40	.50	.10	....	....	....	....	....	.35	.40	....	....	.25	.25	1.20	.52	.08	....	....	....	5.81
Conway	Arkansas	....	....	T.	.55	.72	.02	.11	....	.02	....	.45	.59	.26	....	....	....	....	....	....	.53	.60	....	....	.85	2.82	.72	.27	....	....	....	....	8.51
Corning[2]	White	....	....	....	.48	....	.56	....	....	....	....	T.	.71	.26	.37	....	....	....	....	....	....	.57	.12	....	....	.76	.39	.12	....	....	....	....	4.34
Cotter[2]	White	....	....	.11	.13	.04	.98	....	....	....	....	....	.58	.86	.34	....	....	....	....	....	T.	.12	.09	....	.32	.92	.48	.16	.14	....	....	....	5.27
Cove[2]	Red	....	....	....	....	T.	1.42	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	T.	.10	2.08	.69	....	....	....	....	....
Crossett	Ouachita	....	....	....	.38	.13	.06	1.27	.85	.66	....	.08	2.20	1.01	....	....	....	....	....	....	.30	.86	....	....	.13	.30	....	.24	....	....	....	....	8.47
Crystal Valley(nr)[2]	Arkansas	....	....	....	.56	.29	.47	.04	T.	.41	T.	1.09	.70	.31	....	....	....	....	....	.02	.06	.01	.01	....	.92	2.04	1.64	T.	....	....	....	....	8.57
Cummins Farm	Arkansas	....	....	....	.53	.16	.14	.90	.08	.50	....	.32	3.40	.64	....	....	....	....	....	.05	....	.40	T.	T.	.24	.61	T.	.11	....	....	....	....	8.08
Danville[2]	Arkansas	....	....	.02	.35	.26	.80	.04	.17	....	....	.05	.39	.55	.03	....	....	....	....	....	.22	.20	T.	....	.62	.71	1.33	1.21	.08	....	....	....	7.03
Dardanelle[2]	Arkansas	....	....	T.	.64	.24	.73	.04	.12	....	.04	.37	.39	.40	....	.16	....	T.	....	....	....	.18	....	....	.65	.84	.93	.59	....	.17	....	....	6.49
De Queen	Red	....	....	....	1.18	....	....	.51	....	T.	....	.85	.39	.25	....	....	....	....	....	....	....	.19	....	....	.56	2.05	.35	....	.16	....	....	....	6.49
Dermott[2]	Mississippi	....	....	....	.40	.14	.17	.30	1.75	.32	.42	.05	1.40	2.85	.30	....	....	....	....	....	.10	.05	.60	T.	.12	.40	T.	....	.18	....	....	....	9.55
Des Arc[2]	White	....	....	....	.58	.23	.45	.02	.08	....	....	.04	1.10	.90	.19	....	....	....	....	....	.08	T.	.08	....	.41	.85	1.20	1.24	.24	....	....	....	7.69
Devils Knob	Arkansas	....	T.	T.	.38	.68	.50	.12	....	....	....	.35	.66	.22	....	....	....	....	....	T.	....	.05	....	T.	.67	1.04	1.18	.83	....	....	....	....	6.68
Dumas	Mississippi	....	....	....	.80	.22	.20	.76	.10	.50	....	.18	2.81	.62	....	....	....	....	....	....	....	.47	....	.02	.30	.69	.04	.20	....	....	....	....	7.91
Eagle Gap[2]	Arkansas	....	....	....	.25	.22	.60	....	.10	T.	.02	.20	.25	.62	.62	T.	....	....	....	....	.12	.30	....	....	.14	.47	1.30	.80	....	....	....	....	6.01
El Dorado	Ouachita	....	....	....	.18	.12	.08	.10	.68	.20	T.	.06	1.30	.93	.01	....	....	....	....	....	.02	.32	.02	....	.26	.45	.01	.26	....	....	....	....	5.00
Eleven Point[2]	White	....	....	T.	.36	.35	.35	.01	....	....	....	.03	.57	.69	.07	T.	....	....	....	....	....	.10	....	....	.15	1.20	.11	.28	....	....	....	....	4.27
England	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	White	....	....	.15	.18	1.00	.02	....	....	....	....	.40	.65	.20	....	....	....	....	....	....	....	.10	....	....	.18	.13	.55	.37	....	....	....	....	3.93
Evening Shade[2]	White	....	....	T.	.55	.01	.80	....	....	....	....	T.	.53	.35	.29	....	....	....	....	....	T.	.01	.01	T.	.12	.70	.52	.26	.13	....	....	....	4.28
Fayetteville	White	....	T.	.08	.11	.86	T.	.02	....	....	....	.27	.63	.10	T.	....	....	....	....	.01	.01	.07	....	....	.09	.33	.55	.62	....	....	....	....	3.75
Fayetteville Exp. S.	White	T.	.08	.18	.78	T.	.02	.02	....	....	....	.22	.51	.19	....	T.	....	....	....	T.	T.	.03	....	....	.09	.34	.51	.50	....	....	....	....	3.47
Fordyce	Arkansas	....	....	....	1.57	.26	.12	.92	.05	.44	....	.22	1.65	.72	....	....	....	....	....	.15	....	.60	T.	....	.17	.75	T.	.51	....	T.	....	....	8.13
Forester[2]	Arkansas	....	....	....	....	1.05	T.	....	....	....	T.	T.	1.00	2.25	....	....	....	....	....	.35	....	.44	....	T.	.50	2.65	.35	.22	....	....	....	....	8.81
Fort Smith[1]	Arkansas	....	.01	.60	.44	.90	T.	.01	....	T.	....	.13	.42	.35	....	....	....	....	....	....	....	.11	....	....	.10	.58	.60	.41	....	.02	....	....	4.68
Fort Smith W. Plant[2]	Arkansas	....	....	.10	.25	.10	.61	....	....	....	....	.23	.13	.42	....	....	....	....	....	....	....	T.	....	....	.08	1.30	.76	.12	....	....	....	....	4.10
Fulton[2]	Red	....	....	....	.34	.14	.18	.21	.66	.42	.03	.08	1.00	.84	T.	....	....	....	....	T.	T.	.28	.12	....	.33	1.15	T.	.22	....	....	....	....	6.00
Garland[2]	Red	....	....	....	.37	.17	.21	....	.85	.34	T.	.11	1.39	1.01	....	....	....	....	....	....	.30	.12	.23	....	.14	.73	T.	....	.21	....	....	....	6.18
Georgetown[2]	White	....	....	*	.50	.26	.52	.03	.05	....	....	.04	1.10	1.02	.30	....	....	....	....	....	.07	.12	.34	....	.42	.85	1.85	.70	.22	....	....	....	8.39
Gilbert[2]	White	....	....	T.	.06	.03	.97	....	....	....	....	T.	.33	.40	.17	....	....	....	....	....	.04	.11	.14	....	.29	.65	.61	.18	.13	....	....	....	4.11
Glenwood[2]	Ouachita	.62	....	....	.79	.17	.42	.11	....	.62	T.	.16	.51	.30	....	....	....	....	....	....	.08	....	....	....	.90	1.87	.17	.87	....	....	....	....	7.59
Grannis[2]	Red	....	.42	.61	.14	.28	.06	.55	.45	T.	.15	.63	.36	T.	....	....	....	....	....	....	.12	....	....	.33	1.50	.85	.30	.04	....	.22	....	....	7.01
Gravelly[2]	Arkansas	....	....	T.	.22	.19	.54	.02	.13	....	....	.04	.28	.53	.07	....	....	....	....	....	.17	.32	.05	....	.42	.62	1.40	1.30	.05	....	....	....	6.35
Gravette	Arkansas	....	....	.27	.17	.19	T.	....	....	....	....	....	.84	.30	....	....	....	....	....	....	....	....	....	....	.07	.42	.43	.35	....	....	....	....	3.04
Greenbrier[2]	Arkansas	....	....	....	.60	*	.65	.26	T.	T.	....	.71	T.	....	....	....	....	....	....	....	....	.40	....	....	.86	2.06	.96	.22	....	....	....	....	....
Green Forest	White	....	....	.08	.20	T.	T.	.18	....	....	....	T.	.36	.67	.34	....	....	....	....	....	T.	.10	....	....	.20	.45	.33	.53	....	....	....	....	3.44
Green Mountain	White	....	....	....	....	.84	....	....	....	....	....	.67	T.	.20	....	....	....	....	....	....	T.	.28	....	....	.98	1.10	.10	.41	....	....	....	....	4.58
Greenwood[2]	Arkansas	....	....	....	.89	.71	.39	....	....	....	....	....	.19	1.89	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Harrison	White	....	....	....	.18	.91	....	....	....	....	....	.35	.27	.15	.39	....	....	....	....	....	....	1.32	.32	....	.29	.60	.46	.30	....	....	....	....	5.54
Helena[2]	Mississippi	....	....	....	.28	.38	.33	.22	.39	....	.03	....	2.20	1.32	.50	....	....	....	....	....	.10	T.	.28	....	.06	.61	.95	.33	.15	....	....	....	8.13
Henderson[2]	White	....	....	.18	T.	.90	T.	....	....	....	....	.45	.55	.22	....	....	....	....	....	....	T.	.20	....	....	1.00	.60	.70	.30	....	....	....	....	5.10
Hope[2]	Red	....	....	T.	.34	.14	.20	.20	.90	.35	.04	.07	1.47	.96	....	....	....	....	....	....	....	.24	.26	....	.25	.95	.18	.25	....	....	....	....	6.80
Horatio[2]	Red	....	....	.08	.30	.05	.24	....	.38	.78	....	.07	.72	.46	.07	....	....	....	....	....	.11	....	.14	....	.17	1.72	.15	.15	....	....	....	....	5.59
Hot Springs	Ouachita	....	....	T.	.63	.53	.08	.39	.02	.05	....	.76	.82	.25	....	....	....	....	....	T.	....	.20	....	....	1.30	1.39	1.10	.28	....	....	....	....	7.80
Huntsville[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Huttig Lock 7, Dam 6[2]	Ouachita	....	....	....	.22	.12	.10	.38	.90	1.07	.05	.03	1.32	1.69	.04	....	....	....	....	....	.36	.28	.39	....	.11	.33	T.	....	....	....	....	....	7.39
Index[2]	Red	....	....	....	....	.10	....	....	.50	.03	....	.50	.25	.50	.10	....	....	....	....	....	....	....	....	....	....	.50	.10	.50	....	....	....	....	3.08
Jonesboro[2]	White	....	....	T.	1.10	.06	.34	....	.08	....	....	T.	.87	.40	.41	....	....	....	....	....	....	.06	.14	....	.01	.91	1.02	.12	.26	....	....	....	5.78
Judsonia[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lake City[2]	St. Francis	....	....	T.	1.06	.20	.30	.04	....	....	....	T.	1.55	.72	T.	....	....	....	....	....	....	.20	....	....	T.	1.20	.56	.23	....	....	....	....	6.06
Lead Hill	White	....	....	.40	.06	.70	.06	T.	....	....	....	.42	.45	.05	....	....	....	....	....	....	....	.04	....	....	.40	.46	.24	.31	....	....	....	....	3.59
Little Rock[1]	Arkansas	....	T.	.07	.51	.62	T.	.21	T.	T.	T.	.91	.63	.43	....	....	....	....	....	.01	.01	.22	....	T.	.66	1.10	1.58	.18	....	T.	....	....	7.14
Lock & Dam No. 3[2]	White	....	....	....	.62	.02	.54	T.	.01	....	....	T.	.67	.18	.34	....	....	....	....	....	.03	.07	.08	....	.12	.80	.58	.25	.12	....	....	....	4.43
Lurton[2]	White	....	....	.02	.30	.27	.68	.03	T.	....	....	.12	.33	.52	.07	....	....	....	....	....	.05	.18	.02	....	.46	.97	.91	.97	.37	....	....	....	6.27
Lutherville	Arkansas	T.	....	....	.80	T.	....	.85	....	....	....	.51	.38	.15	....	....	....	....	....	.05	....	.05	....	....	.60	1.32	1.15	.33	....	....	....	....	6.19
Madison[2]	St. Francis	....	....	....	.50	.20	.35	.03	.15	....	.10	....	2.10	2.25	.43	....	....	....	....	....	T.	.35	.50	....	.03	.40	1.10	.95	.30	....	....	....	9.74
Magnolia	Red	....	....	....	.19	.14	.13	.61	.04	.48	....	.23	1.37	.49	....	....	....	....	....	....	....	.27	....	....	.36	.42	....	.25	....	....	....	....	....
Mammoth Spg[2]	White	....	....	....	.16	....	1.12	....	....	....	....	....	.54	.34	.40	....	....	....	....	....	....	.14	....	....	.12	.98	.53	.15	.14	....	....	....	4.62
Marianna[2]	St. Francis	....	....	....	.51	.08	.57	.19	....	.35	....	....	3.00	1.59	....	.12	....	....	....	....	.28	....	.02	....	.22	.65	.79	1.76	....	.28	....	....	10.41
Marked Tree[2]	St. Francis	....	....	....	.87	.08	.31	T.	.03	....	....	....	1.10	1.37	.30	....	....	....	....	....	T.	.04	.36	....	T.	.11	1.08	.29	.26	....	....	....	6.20
Marshall[2]	White	....	....	T.	.18	.80	T.	.03	....	....	....	.47	.43	.10	....	....	....	....	....	....	....	.21	....	....	.72	.69	.37	.26	....	....	....	....	4.26
Marvell[2]	White	....	....	....	T.	T.	.46	....	.28	.11	.10	....	2.85	1.40	.65	....	....	....	....	....	....	*	.16	....	....	1.68	1.10	.78	....	....	....	....	9.57
Melbourne[2]	White	....	....	....	.30	T.	1.00	....	....	....	.05	.52	.55	.25	....	....	....	....	....	T.	....	....	....	....	.67	.32	.40	.30	....	....	....	....	4.36
Mena[2]	Ouachita	....	T.	.01	.46	.10	.59	.01	.22	.10	T.	.11	.36	.66	.02	....	....	....	....	....	.05	.15	.03	....	.12	.59	1.86	.69	.08	....	....	....	6.21
Monticello[1]	Ouachita	T.	....	....	.22	.34	.02	.90	.01	.16	....	.78	2.31	.32	....	....	....	....	....	.05	....	.52	....	.01	.20	.48	.10	.17	....	.02	....	....	6.61
Morobay[2]	Ouachita	....	....	....	.23	.14	.12	.73	.27	.57	....	.11	3.29	1.15	....	....	....	....	....	....	.05	.50	....	....	.12	.66	....	.19	....	....	....	....	8.13
Morrilton[2]	Arkansas	....	....	....	.50	.29	.42	....	.15	....	T.	T.	.49	.12	.09	....	....	....	....	....	.63	.07	.10	....	.50	1.19	1.63	.55	....	....	....	....	6.73
Mountainburg	Arkansas	....	....	.29	.17	.73	....	....	....	....	....	.13	.67	.18	....	....	....	....	....	....	....	.02	....	T.	.07	.74	1.03	.55	....	....	....	....	4.58
Mountain Home	White	....	....	.10	.05	.90	....	....	....	....	....	.35	.60	.35	....	....	....	....	....	....	....	....	....	....	.60	.90	.40	....	....	....	....	....	4.25
Mountain View[2]	White	....	....	T.	.71	.73	T.	....	T.	....	....	....	.49	.43	.20	....	....	....	....	....	.12	....	.02	....	.81	1.01	.29	.31	....	....	....	....	5.12

Daily Precipitation for February, 1948, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	....	....	....	.46	.57	....	.32	....	.16	....	.55	.54	.10	....	....	....	....	....	....	....	.38	....	.33	.54	1.33	.61	.29	....	....	....	....	6.18
Mulberry[2]	Arkansas	....	....	.10	.34	.15	.70	T.	T.	T.	T.	T.	.30	.64	T.	....	....	....	....	....	....	T.	T.	....	T.	.60	1.45	.55	.10	T.	....	....	4.93
Nashville	Red	....	.02	T.	.35	.37	.01	.34	.01	.45	....	.80	.42	.13	....	....	....	....	....	....	T.	.19	....	....	.59	.46	.30	.38	....	....	....	....	4.82
Newport[2]	White	....	....	....	.75	.12	.50	....	.10	....	....	....	.93	.48	.50	....	....	....	....	....	.17	.05	.25	....	.05	.50	.90	.32	.22	....	....	....	5.84
Nimrod Dam[2]	Arkansas	....	....	T.	....	.40	.24	.49	.03	.25	.03	.09	.45	.45	....	.05	....	....	....	....	....	.28	....	....	.50	.97	1.60	.03	....	.03	....	....	5.89
Oark[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Odell[2]	Arkansas	....	....	.10	.13	.27	.41	....	....	....	....	.05	.30	.60	T.	....	....	....	....	....	.05	2.13	.62	....	....	....	....	....	....	....	....	....	4.66
Oden	Ouachita	....	....	....	.20	.10	.30	1.55	....	.01	....	T.	.68	T.	....	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	T.	....	....	....
Okay	Red	....	....	T.	.02	T.	T.	.35	T.	.34	....	.50	.85	.17	....	....	....	....	....	....	....	.25	.01	....	.55	.65	.08	.30	....	....	....	....	4.07
Osceola[2]	Mississippi	.05	T.	.10	.20	T.	....	....	....	....	T.	1.43	1.54	.07	....	....	....	....	....	T.	T.	.12	....	T.	.21	1.07	.20	....	....	....	....	....	4.99
Ozark[2]	Arkansas	....	....	.06	.96	.16	.69	....	.05	....	....	T.	.35	.11	T.	....	....	....	....	....	.08	.12	.04	....	.22	.26	1.72	.41	.06	....	....	....	5.32
Paragould	St. Francis	....	....	....	1.04	.13	.08	.14	....	....	....	.07	.89	.54	T.	....	....	....	....	....	T.	.07	....	....	.06	.72	.11	....	....	....	....	....	3.85
Parkin[2]	St. Francis	....	....	....	.70	.10	.43	....	....	....	....	....	1.70	1.75	T.	....	....	....	....	....	.20	T.	.37	....	T.	.10	1.50	.53	.17	....	....	....	7.55
Parthenon[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville[2]	Arkansas	....	....	....	.12	.85	T.	.18	T.	....	....	.44	.41	.18	....	....	....	....	....	....	.14	.35	T.	....	1.50	2.00	T.	.60	....	....	....	....	6.77
Pine Bluff[2]	Arkansas	....	....	....	.46	.05	.27	.27	.37	.04	T.	.04	2.22	1.20	.11	....	....	....	....	....	.04	.10	.39	....	.24	1.27	.02	....	.27	....	....	....	7.36
Pine Ridge[2]	Ouachita	....	....	....	.43	.59	.03	....	.25	.05	....	.41	.08	.48	.85	....	....	....	....	....	....	.22	T.	T.	.39	.73	1.01	.07	....	....	....	....	5.59
Pocahontas	White	....	....	T.	.49	.75	.02	.01	....	....	....	.85	.09	.48	T.	....	....	....	....	....	....	.10	....	T.	.32	.82	.05	.35	....	....	....	....	4.33
Portland[2]	Ouachita	....	....	....	.30	.20	.05	.26	....	.50	.90	....	2.00	1.20	.33	....	....	....	....	....	T.	....	.45	....	.25	.12	....	....	.15	....	....	....	6.71
Prescott[2]	Ouachita	....	....	....	.09	.15	.25	.07	.10	.40	.15	.10	1.35	1.00	.10	....	....	....	....	T.	T.	.40	.05	T.	.70	1.30	.10	.30	....	....	....	....	6.61
Ratcliff[2]	Arkansas	T.	....	T.	.85	1.06	....	....	T.	T.	T.	.40	.80	.20	....	....	....	....	....	....	....	....	....	....	.12	T.	1.60	2.62	....	....	....	....	7.65
Red Star	White	....	.43	.17	.13	.88	.04	....	....	....	.06	.30	.49	.10	....	....	....	....	....	....	.24	T.	....	.20	.34	.70	.75	1.75	T.	....	....	....	6.58
Rogers	White	....	.01	.20	.18	.99	T.	T.	....	....	....	.22	.61	.16	....	....	....	....	....	....	....	.10	....	....	.11	.25	.46	.61	....	....	....	....	3.90
Russellville	Arkansas	....	....	T.	.80	.90	....	.17	....	....	....	.48	.54	.10	....	....	....	....	....	....	....	....	....	....	1.17	1.84	.63	.26	....	....	....	....	6.89
St. Charles[2]	White	T.	....	....	.45	.07	.35	.32	.54	.18	.70	.03	3.15	1.04	.21	....	....	....	....	....	....	....	....	.05	.70	1.22	.03	.12	.33	....	....	....	9.49
St. Francis[2]	St. Francis	T.	....	....	.38	....	.45	....	....	....	....	....	.65	.15	.46	....	....	....	....	....	....	....	.10	....	....	.45	.42	....	.35	....	....	....	3.41
Searcy[2]	White	....	....	....	.76	.20	.36	T.	T.	....	....	.08	.96	.59	.38	....	....	....	....	....	.08	.20	.15	T.	.34	.62	1.41	.56	.18	....	....	....	6.87
Sheridan	Ouachita	....	....	....	.25	.17	.12	.30	.02	.12	....	.20	1.83	.20	....	....	....	....	....	.07	.12	.26	....	....	.25	2.27	.06	.53	....	....	....	....	6.77
Shirley[2]	White	....	....	.04	1.02	.10	T.	.18	....	....	....	....	.74	.21	....	....	....	....	....	....	T.	T.	....	....	1.30	1.09	.28	.38	....	T.	....	....	5.34
Siloam Springs	White	....	T.	.12	.16	.91	T.	T.	....	....	....	.20	.51	.09	....	....	....	....	....	....	T.	.01	....	....	.04	.62	.45	.26	....	....	....	....	3.37
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve[2]	Arkansas	....	....	....	.45	.40	T.	.61	....	T.	....	.63	.32	T.	....	....	....	....	....	....	....	.26	....	....	.68	.91	1.45	.45	....	....	....	....	6.16
Story[2]	Ouachita	....	....	....	....	.33	.36	....	.42	....	.22	.39	.28	.11	....	....	....	....	....	....	T.	.13	T.	.42	.17	.04	.73	.73	....	....	....	....	4.33
Stuttgart[2]	Arkansas	....	....	....	.85	.10	.50	*	.65	....	....	.35	2.50	1.72	....	....	....	....	....	T.	.15	.20	T.	T.	.69	.50	.20	.42	....	....	....	....	8.83
Stuttgart Evap[2]	Arkansas	....	....	....	.45	T.	.40	.10	.37	T.	....	.09	2.24	1.74	.07	....	....	....	....	....	.06	.05	.26	.26	.27	.42	.29	.13	.18	....	....	....	7.38
Subiaco[2]	Arkansas	....	....	1.00	.15	.85	....	T.	....	T.	.10	.41	.48	.20	....	....	....	....	....	T.	....	.28	.46	T.	.31	.91	.44	.26	....	....	....	....	5.85
Sugar Grove[2]	Arkansas	....	....	....	....	.78	.84	.10	T.	....	....	T.	.40	.50	....	....	....	....	....	....	T.	25	T.	....	.21	.24	1.38	.45	T.	....	....	....	5.15
Sugar Loaf Mt[2]	White	....	....	....	.93	.12	.44	.02	....	....	....	.01	.50	.20	.25	....	....	....	....	....	T.	.16	.09	....	.27	1.36	.58	.65	.25	....	....	....	5.83
Texarkana[3]	Red	....	T.	.01	.36	.22	.15	.82	.10	.22	T.	.85	.67	.17	....	....	....	....	....	.05	.03	.33	....	.05	.32	.56	....	.21	....	T.	....	....	5.12
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	....	....	....	.63	.40	.38	....	....	....	....	.63	.30	.51	T.	....	....	....	....	....	....	.10	....	....	.83	1.03	.82	.58	....	....	....	....	6.21
Viola[2]	White	....	....	....	....	.08	.61	....	....	....	....	....	.30	.20	.10	....	....	....	....	....	....	*	.10	....	.20	1.24	.48	....	.20	....	....	....	3.51
Waldron[2]	Arkansas	....	T.	T.	.25	.90	.06	.08	....	T.	....	.05	.43	.02	.10	....	....	....	....	....	.52	.31	....	....	T.	1.35	.95	.20	....	....	....	....	5.22
Walnut Grove	White	....	....	....	....	....	....	.18	....	....	....	.27	.20	.45	....	....	....	....	....	....	....	T.	....	....	.70	.72	.28	.19	....	....	....	....	....
Warren	Ouachita	....	....	....	.34	.22	.14	.75	T.	.55	.77	....	3.38	.89	....	....	....	....	....	.05	.07	.33	T.	T.	.15	.80	T.	....	....	....	....	....	8.44
Whitecliffs[2]	Red	.10	....	....	.20	.20	.30	.20	.42	.45	....	.60	.50	.20	....	....	....	....	....	....	....	.15	T.	....	.20	.90	.30	T.	....	....	....	....	4.72
White Rock	Arkansas	....	T.	.10	.25	.76	....	.04	....	....	....	.25	.55	.24	....	....	....	....	....	....	....	.10	....	....	.28	1.09	.81	.64	....	....	....	....	5.11
Wilson[2]	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne	St. Francis	....	....	....	.51	.52	.05	.08	....	....	....	.60	2.00	.65	.50	....	....	....	....	....	....	.35	....	.23	.51	1.55	.97	....	.20	....	....	....	8.72
Yellville[2]	White	....	.15	....	.30	.70	....	....	....	....	....	....	.45	.36	....	....	....	....	....	....	....	.12	T.	....	.63	.45	.25	T.	....	....	....	....	3.41

Daily Evaporation (inches), and Wind Movement (miles) for February, 1948

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	75	18	21	78	62	80	38	115	115	64	106	62	75	8	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hope Exp. Farm	Evap.	....	....	....	....	....	.020	.024	*	*	*	.324	.147	.123	*	*	.250	.084	.124	.141	.093	.104	*	*	.077	*	.043	.144	.212	....	....	....	2.408
	Wind move	21	*	27	40	53	65	31	*	*	*	231	72	41	78	*	39	42	10	59	84	83	*	78	38	*	*	99	107	....	....	....	....
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	50	12	21	24	12	5	5	11	21	22	25	5	39	93	50	47	46	52	60	14	31	24	38	12	17	30	18	112	40	....	....	936
Norfork Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	24	14	15	44	31	42	38	67	57	30	83	40	34	5	88	53	67	28	103	85	38	63	47	79	70	12	44	65	157	....	....	1,523
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart Rice Exp. Farm	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

(Continued from Front Page)

The heavier snows were not confined to any one section: Bentonville reported a February total of 8.0 inches; Cummins Farm, 5.5 inches; Eureka Springs, 5.7 inches; Grannis, 8.0 inches; Hope, 6.0 inches, and Prescott, 8.0 inches.

As noted before, February, 1948 set a new record with a 13-day average of measurable precipitation. Mena reported 19 days, for the highest in the State.

Moderate glaze covered the north half of the state on the 11th, and covered the entire State on the 20th, 21st. Very little damage was reported from these two glaze storms; mostly traffic delays and inconvenience. J.C.H.

Daily Temperatures for February, 1948

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	38	45	43	52	48	41	42	41	39	44	42	41	....	55	57	64	77	74	72	61	40	41	40	49	54	65	65	72	65	....	....	[a]52.4
	Minimum	....	20	22	38	35	31	35	26	19	15	30	29	....	24	25	34	35	35	56	33	26	21	25	37	47	50	55	45	44	....	....	[b]33.0
Arkadelphia /	Maximum	44	40	47	49	52	44	44	44	36	40	49	46	42	48	53	58	70	77	78	65	46	34	43	47	53	61	72	74	76	....	....	52.8
	Minimum	20	20	23	33	42	35	35	35	22	19	18	36	34	24	24	26	35	35	36	41	31	28	28	29	45	51	57	44	44	....	....	32.8
Ashdown /	Maximum	45	45	50	50	47	45	43	38	40	47	45	43	30	43	42	....	75	67	....	42	38	44	48	56	55	68	66	58	57	....	....	[b]49.1
	Minimum	21	30	34	44	34	30	34	22	20	21	35	29	22	25	27	31	33	44	33	29	26	29	31	45	53	51	40	45	46	....	....	33.2
Batesville Air	Maximum	42	47	46	50	41	41	42	38	37	39	41	37	39	51	54	62	75	74	75	42	31	40	42	48	54	58	65	69	55	....	....	49.5
	Minimum	17	18	35	39	32	29	32	23	20	18	32	34	28	24	25	36	35	45	43	31	24	20	25	41	47	50	53	47	42	....	....	32.6
Batesville,Livestk /	Maximum	41	41	47	41	50	34	40	42	29	39	40	40	35	36	51	55	61	76	74	75	43	32	42	47	48	58	64	65	67	....	....	48.7
	Minimum	13	12	29	32	32	28	29	22	18	13	25	34	33	23	23	35	38	50	52	29	26	18	24	24	34	43	53	44	37	....	....	30.1
Bee Branch	Maximum	38	43	44	46	46	43	41	40	40	40	40	39	34	47	52	63	72	72	71	66	40	40	40	47	53	61	66	69	68	....	....	50.4
	Minimum	16	17	33	36	33	30	32	24	20	18	29	33	29	19	24	35	33	37	51	31	26	20	24	37	46	48	52	40	40	....	....	31.5
Benton /	Maximum	43	43	46	46	49	41	42	43	32	38	47	44	40	38	54	56	69	72	76	62	41	34	36	46	51	55	66	72	73	....	....	50.2
	Minimum	9	15	17	28	36	31	31	28	20	15	23	36	32	20	22	27	28	29	36	34	27	22	23	28	31	46	50	38	38	....	....	28.3
Bentonville /	Maximum	32	43	40	42	43	31	36	38	26	38	45	35	32	24	44	52	63	75	74	66	36	33	46	52	56	58	67	62	60	....	....	46.5
	Minimum	17	17	22	30	27	23	24	13	12	13	19	25	19	9	9	26	29	34	44	24	23	19	19	28	39	47	52	39	31	....	....	25.3
Bethesda	Maximum	41	32	47	46	50	34	40	42	28	38	40	41	35	36	51	55	61	76	75	75	42	32	40	42	48	67	65	65	66	....	....	48.6
	Minimum	12	17	18	33	30	21	26	20	17	11	19	22	31	21	23	35	36	41	52	22	23	11	22	27	40	45	48	43	36	....	....	27.7
Blytheville	Maximum	....	....	44	45	42	37	42	38	32	45	43	40	40	48	57	65	70	73	70	60	38	35	49	52	53	60	70	70	57	....	....	[b]50.9
	Minimum	20	....	29	35	32	25	32	22	21	18	34	34	35	28	34	39	38	42	54	29	26	23	23	42	48	52	53	48	40	....	....	[a]34.1
Booneville	Maximum	45	42	46	51	48	40	43	42	46	48	45	40	37	50	58	65	81	78	73	64	41	44	44	50	54	65	69	68	65	....	....	53.2
	Minimum	19	20	34	39	39	35	36	29	25	24	33	37	24	15	26	38	31	40	54	37	30	27	28	39	47	52	56	42	35	....	....	34.2
Brinkley	Maximum	37	46	49	44	42	40	42	42	34	44	42	42	39	52	58	69	75	75	69	62	40	30	46	51	54	62	67	72	69	....	....	51.5
	Minimum	16	15	32	37	33	30	33	25	21	12	32	35	32	24	27	42	38	42	57	33	28	22	27	35	47	50	53	41	44	....	....	33.2
Camden	Maximum	41	47	49	63	59	44	42	43	38	38	48	....	47	38	....	55	79	78	75	66	46	35	32	48	54	62	72	74	81	....	....	[b]53.9
	Minimum	22	22	25	29	38	35	35	35	22	18	18	39	36	26	27	31	38	37	40	45	32	28	27	30	47	53	56	46	46	....	....	33.9
Conway	Maximum	40	44	47	47	46	42	42	42	42	45	42	42	36	51	59	68	77	76	71	65	41	36	41	49	53	62	71	72	65	....	....	52.2
	Minimum	19	19	32	38	35	32	34	27	22	17	31	35	29	22	26	32	32	39	51	35	29	22	25	39	47	51	54	42	40	....	....	33.0
Corning	Maximum	32	41	47	43	47	32	34	39	25	29	37	40	35	37	47	55	62	73	76	76	39	29	39	42	49	52	62	66	67	....	....	46.6
	Minimum	21	16	18	34	31	24	31	21	17	17	19	33	32	24	25	40	32	34	44	27	26	16	22	29	42	45	52	46	37	....	....	29.5
Crossett	Maximum	49	52	54	60	60	48	47	45	36	43	49	51	43	54	58	72	76	78	71	66	46	33	45	58	66	73	73	81	79	....	....	57.4
	Minimum	19	29	28	44	44	35	40	30	30	18	32	43	35	24	26	37	36	38	50	42	32	27	29	44	57	57	55	47	52	....	....	37.3
Cummins Farm	Maximum	37	42	45	49	48	40	41	42	30	42	44	43	39	48	55	67	73	73	65	60	39	31	46	52	62	74	70	72	62	....	....	51.4
	Minimum	21	21	29	36	35	32	35	27	21	10	31	37	34	26	28	37	36	38	56	35	29	24	26	41	48	50	53	44	48	....	....	34.1
Dardanelle	Maximum	40	43	45	48	49	41	41	41	44	44	44	43	39	50	57	65	76	79	73	69	47	41	40	49	52	60	70	71	70	....	....	52.8
	Minimum	22	21	21	35	36	34	34	30	24	23	23	32	27	22	22	27	32	32	38	36	30	24	24	28	38	47	50	45	42	....	....	31.0
De Queen	Maximum	43	45	46	55	53	43	45	44	43	44	44	43	41	54	55	60	75	73	68	64	41	45	43	51	62	71	71	....	....	....	....	[b]52.7
	Minimum	21	27	34	40	40	38	38	35	24	24	34	40	29	21	29	34	34	41	58	40	33	20	29	43	51	58	54	36	36	....	....	35.9
Des Arc	Maximum	39	37	44	49	45	38	40	43	33	36	42	42	39	37	50	56	....	74	75	66	42	30	30	46	50	55	64	66	71	....	....	[a]47.8
	Minimum	17	17	22	33	36	31	32	32	22	19	24	37	36	25	27	33	35	36	40	34	29	23	24	30	40	43	51	46	45	....	....	31.7
Devil's Knob	Maximum	32	37	40	45	42	32	38	31	37	37	35	35	31	30	47	60	62	71	70	47	33	40	35	44	54	57	59	61	59	....	....	44.9
	Minimum	18	24	29	31	28	24	31	18	14	13	24	29	28	15	27	32	33	42	47	24	24	15	20	33	43	51	45	39	35	....	....	28.8
Dumas	Maximum	39	44	49	57	50	42	43	41	31	43	43	44	41	50	55	70	72	74	68	62	39	34	48	54	67	74	69	69	76	....	....	53.4
	Minimum	22	29	31	39	37	33	37	28	22	11	32	39	35	27	28	40	36	39	56	37	30	25	28	42	51	55	55	55	47	....	....	36.1
El Dorado	Maximum	48	47	57	60	56	44	43	42	34	46	52	43	43	54	60	70	73	76	68	63	43	34	50	60	68	76	73	78	65	....	....	56.2
	Minimum	23	23	29	41	43	36	32	27	22	18	30	41	36	27	29	38	37	37	56	42	32	28	29	34	50	58	55	45	52	....	....	36.4
England	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Eureka Springs	Maximum	40	42	42	43	31	34	38	35	35	44	37	34	32	42	51	62	74	75	69	49	36	43	53	55	58	68	63	60	56	....	....	48.3
	Minimum	19	23	33	31	27	24	32	14	13	17	31	27	22	16	29	40	42	54	48	25	23	18	24	37	48	53	51	40	33	....	....	30.8
Fayetteville	Maximum	41	40	42	44	33	40	40	35	41	46	38	34	32	44	51	63	75	74	69	48	36	49	50	56	61	64	64	62	64	....	....	49.5
	Minimum	17	20	33	31	29	28	34	17	16	20	33	28	21	15	26	41	31	44	47	27	24	21	28	41	50	54	51	38	34	....	....	31.0
Fayetteville Exp. S	Maximum	39	41	43	32	39	39	39	28	39	45	38	34	31	44	52	63	75	74	69	50	35	50	49	55	60	64	63	61	61	....	....	48.7
	Minimum	19	33	31	29	28	28	28	17	16	20	34	28	21	12	25	41	31	45	50	27	24	22	27	41	48	53	51	39	34	....	....	31.1
Fordyce	Maximum	45	42	51	55	55	42	43	41	39	46	46	47	45	55	58	71	73	77	72	69	64	32	44	54	63	78	73	77	75	....	....	56.3
	Minimum	22	25	33	42	36	32	36	29	21	22	32	33	32	24	32	43	43	49	57	50	30	12	26	41	52	52	53	49	48	....	....	36.4
Fort Smith	Maximum	42	37	41	47	40	41	42	37	43	47	40	39	28	46	57	61	77	77	72	47	41	45	44	50	53	65	68	66	61	....	....	50.1
	Minimum	21	24	35	38	37	36	37	28	26	25	34	28	22	16	30	35	31	42	47	39	31	28	28	42	49	53	56	44	40	....	....	34.6
Gilbert /	Maximum	37	44	47	47	52	34	39	44	29	40	45	39	35	35	52	54	65	79	75	77	41	32	45	45	51	56	66	66	65	....	....	49.5
	Minimum	14	13	14	34	32	28	28	23	18	10	12	33	32	15	15	23	29	27	28	29	26	19	22	28	43	48	52	34	27	....	....	26.1
Grannis /	Maximum	40	44	44	56	44	45	45	34	42	44	43	46	35	46	53	58	74	72	60	45	35	47	46	52	60	67	68	74	67	....	....	51.2
	Minimum	20	30	33	42	35	35	32	21	19	22	33	28	19	20	29	40	40	40	40	29	25	26	26	40	40	51	45	45	42	....	....	32.7
Gravette	Maximum	42	40	41	40	31	37	37	35	40	45	41	36	36	45	51	62	73	73	65	48	36	47	50	55	56	67	63	59	60	....	....	48.7
	Minimum	16	18	32	29	26	23	32	13	14	21	33	24	18	8	27	38	28	44	47	24	24	20	27	42	48	51	50	38	33	....	....	29.2
Green Mountain	Maximum	36	38	36	48	46	30	39	36	30	31	31	34	32	48	60	71	70	67	59	40	....	....	....	....	....	....	....	66	61	....	....	[g]45.9
	Minimum	19	26	28	36	28	25	27	19	12	14	29	30	22	28	....	....	47	44	40	25	....	....	....	....	....	....	....	42	47	....	....	[i]29.4
Harrison	Maximum	42	44	44	45	45	35	35	37	38	44	39	35	35	41	51	65	76	73	72	50	34	42	40	53	56	62	64	62	56	....	....	48.8
	Minimum	11	9	30	32	25	22	28	....	12	12	22	25	20	14	20	33	30	30	46	23	20	11	22	32	42	48	50	38	25	....	....	[a]26.1
Helena	Maximum	35	41	46	48	46	42	43	43	29	42	42	42	42	47	56	64	70	70	67	60	40	31	54	53	55	62	67	73	68	....	....	51.0
	Minimum	18	18	29	36	34	30	34	24	22	17	32	38	34	26	25	41	41	38	53	34	28	24	27	44	47	50	53	47	46	....	....	34.1
Hope /	Maximum	41	48	46	51	57	44	42	44	35	38	47	47	41	36	55	56	67	77	76	65	45	34	38	47	52	62	78	74	77	....	....	52.4
	Minimum	22	24	28	32	43	36	35	35	22	18	17	35	32	24	25	29	34	35	51	43	31	28	28	29	46	51	57	45	48	....	....	33.9
Hot Springs	Maximum	40	44	44	51	51	43	44	44	41	49	43	41	36	55	56	64	76	75	68	61	39	46	41	50	55	65	71	75	72	....	....	53.1
	Minimum	22	23	33	39	36	32	35	28	20	20	31	35	29	23	32	32	42	51	56	36	28	24	26	30	48	52	51	50	45	....	....	34.8
Jonesboro	Maximum	38	45	41	46	39	39	40	34	34	39	40	36	38	48	56	63	75	71	75	56	30	35	45	50	56	61	65	67	61	....	....	49.0
	Minimum	19	17	18	33	32	27	26	25	19	18	18	34	32	25	25	27	35	41	46	29	27	21	22	29	41	46	56	59	40	....	....	30.6
Lead Hill	Maximum	43	47	43	47	33	33	40	37	37	42	37	40	32	47	55	70	77	74	72	49	38	42	42	52	55	60	64	64	57	....	....	49.3
	Minimum	13	15	33	32	30	25	31	19	15	12	31	29	24	10	20	32	28	29	29	24	24	12	26	40	46	51	55	40	27	....	....	27.7
Little Rock	Maximum	35	41	44	45	45	39	43	41	39	41	43	41	37	50	54	68	71	75	65	50	36	30	42	50	54	61	72	70	57	....	....	49.6
	Minimum	22	21	33	38	35	33	35	27	24	22	33	35	30	25	29	38	39	42	50	34	29	23	28	42	48	50	54	48	46	....	....	34.9
Lutherville	Maximum	40	43	40	48	49	49	45	40	45	42	40	41	35	45	52	65	76	80	77	46	39	45	39	47	52	62	66	66	58	....	....	50.8
	Minimum	22	19	30	31	29	30	31	21	18	27	29	29	23	15	27	32	37	43	45	31	25	20	23	35	45	50	58	41	42	....	....	31.3
Magnolia	Maximum	48	49	52	59	55	44	44	44	39	47	52	53	42	55	57	72	75	77	68	65	42	33	42	55	65	78	75	....	....	....	....	....
	Minimum	25	30	30	48	42	36	39	31	22	21	33	41	31	25	33	41	40	46	46	41	31	27	29	41	53	61	52	....	....	....	....	....
Mammoth Spring	Maximum	35	39	47	42	39	31	32	42	27	36	37	39	35	47	48	55	63	72	75	71	40	30	40	43	49	55	62	65	66	....	....	47.0
	Minimum	10	11	16	33	30	24	24	17	15	12	12	31	31	13	20	27	28	22	25	25	23	13	22	29	41	41	44	38	31	....	....	24.4
Marianna /	Maximum	35	47	44	45	38	40	42	36	31	45	42	40	39	47	55	65	71	71	62	56	34	33	53	52	56	63	68	70	55	....	....	49.5
	Minimum	18	19	23	33	33	30	30	29	23	18	17	37	35	28	27	34	38	39	44	33	30	18	25	32	45	50	54	47	46	....	....	32.2
Marked Tree /	Maximum	37	35	44	48	46	34	37	40	26	32	44	40	37	38	49	55	65	73	75	67	41	31	32	46	50	55	63	66	70	....	....	47.4
	Minimum	16	15	15	32	32	27	26	24	20	17	18	34	33	25	25	29	35	36	39	30	28	22	21	30	44	46	52	49	40	....	....	29.8
Marshall /	Maximum	44	46	43	50	44	37	43	39	38	40	38	36	34	50	50	63	78	74	72	55	38	43	38	50	57	65	67	60	60	....	....	50.1
	Minimum	15	18	35	38	31	27	33	22	17	16	29	31	28	18	27	27	34	52	52	28	25	19	25	37	46	28	46	53	32	....	....	30.7
Mena	Maximum	44	44	43	52	47	41	44	41	46	48	41	39	36	54	56	56	80	76	65	60	55	47	44	48	55	63	67	71	65	....	....	52.7
	Minimum	19	23	32	39	36	33	37	29	21	21	31	36	26	19	27	39	37	45	55	35	29	26	26	37	48	53	51	44	42	....	....	34.3
Monticello	Maximum	42	47	52	58	47	42	43	42	33	44	48	42	40	52	56	68	73	74	68	52	40	30	48	54	68	72	69	78	62	....	....	53.2
	Minimum	24	25	32	46	36	34	38	26	22	20	33	36	30	26	32	42	42	44	51	37	28	25	28	45	52	56	53	49	51	....	....	36.7
Morrilton /	Maximum	40	41	41	41	48	37	37	41	33	41	44	43	39	34	49	52	66	72	77	71	42	35	37	44	49	53	69	70	69	....	....	48.8
	Minimum	19	18	....	34	36	33	33	32	23	20	20	33	32	25	25	30	36	35	39	35	30	23	23	29	43	47	51	47	43	....	....	[a]31.9
Mountain Home	Maximum	42	47	44	48	43	34	40	37	40	38	38	36	37	45	54	66	76	75	73	55	40	41	38	48	54	58	63	64	56	....	....	49.3
	Minimum	11	16	32	37	30	25	31	18	15	15	30	30	25	15	23	34	32	37	46	26	23	15	25	38	46	52	55	40	34	....	....	29.5
Mt. Ida	Maximum	33	42	42	52	50	42	42	41	46	48	45	41	36	54	56	58	77	76	70	65	60	50	46	50	55	65	65	78	72	....	....	53.7
	Minimum	13	18	32	37	35	36	34	36	22	13	32	32	30	18	21	30	28	29	48	32	29	23	21	38	48	52	48	39	32	....	....	31.2
Nashville	Maximum	42	45	49	55	52	43	44	45	42	44	44	43	40	55	55	62	76	75	64	60	46	43	40	51	60	73	73	76	64	....	....	53.8
	Minimum	20	27	34	42	39	36	38	32	25	18	33	39	30	23	27	31	31	39	56	39	32	28	27	39	50	57	55	43	50	....	....	35.9
Newport	Maximum	42	51	48	49	40	41	42	36	37	44	42	38	39	52	56	66	75	77	73	58	35	40	44	50	54	60	66	70	58	....	....	51.1
	Minimum	17	19	20	36	36	30	32	32	21	21	22	35	35	27	26	28	37	40	44	34	30	22	25	32	44	48	55	50	43	....	....	32.4
Nimrod Dam /	Maximum	40	42	43	43	48	38	43	41	33	44	....	41	38	32	54	58	63	79	76	68	43	32	43	55	49	53	67	71	71	....	....	[a]50.3
	Minimum	18	18	19	33	36	32	32	30	24	14	14	33	30	20	20	25	32	32	42	36	29	23	24	27	42	47	52	42	35	....	....	29.7
Oden	Maximum	46	53	40	43	45	40	46	49	43	39	34	53	....	54	51	57	77	72	70	50	....	....	....	....	....	....	....	54	54	....	....	....
	Minimum	....	....	36	35	37	27	25	18	....	....	28	25	26	27	22	40	49	48	41	36	....	....	....	....	....	....	....	50	33	....	....	....

Daily Temperatures for February, 1948, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	47	49	49	58	58	44	44	44	44	52	45	45	42	....	55	69	79	79	68	67	43	49	46	54	62	78	77	87	82	....	....	ᵃ57.7
	Minimum	22	29	35	44	39	37	38	34	24	19	33	34	30	22	28	37	33	40	52	40	32	28	29	40	51	59	50	43	45	....	....	36.1
Ozark	Maximum	39	42	39	42	48	39	40	41	35	45	42	40	39	30	50	54	66	75	78	74	40	38	43	45	50	56	65	67	59	....	....	49.0
	Minimum	20	22	22	34	38	36	35	30	22	23	24	33	28	18	28	31	32	35	40	38	32	26	27	29	43	49	53	42	40	....	....	32.1
Paragould	Maximum	37	45	44	48	45	35	40	39	32	40	41	39	38	48	53	62	72	72	71	66	36	35	45	51	51	57	....	....	....	....	....	ᶜ47.8
	Minimum	20	19	20	28	22	24	22	22	19	18	29	31	31	25	25	41	35	41	54	27	25	20	23	36	46	50	46	29	34	....	....	29.7
Perryville	Maximum	41	45	44	58	51	40	41	41	40	42	44	42	38	52	53	65	78	78	70	42	40	41	40	50	53	61	71	72	58	....	....	51.6
	Minimum	16	16	31	36	34	31	33	28	14	19	21	34	22	25	22	31	33	32	34	34	21	32	22	39	46	32	....	47	35	....	....	ᵃ29.3
Pine Bluff	Maximum	43	38	44	50	48	41	40	43	36	34	40	43	41	41	54	59	69	73	76	66	43	32	33	47	52	59	71	70	74	....	....	50.3
	Minimum	22	23	23	34	40	33	33	35	22	22	22	38	36	26	26	32	38	38	44	39	32	25	25	33	46	51	57	48	48	....	....	34.2
Pocahontas	Maximum	40	45	43	48	46	36	41	41	38	40	40	39	37	50	54	60	70	71	76	66	38	41	44	49	52	58	66	68	64	....	....	50.4
	Minimum	16	15	32	36	30	25	30	21	17	16	30	33	31	23	24	29	37	36	53	27	26	19	26	34	46	50	52	44	38	....	....	30.9
Portland	Maximum	48	47	52	66	57	44	....	44	38	42	46	46	42	47	58	70	70	72	68	63	52	35	47	57	70	72	72	79	72	....	....	ᵃ56.3
	Minimum	28	29	34	45	40	35	44	27	25	19	32	42	35	28	36	43	43	40	55	43	33	27	28	45	54	59	....	52	53	....	....	ᵃ38.4
Prescott	Maximum	44	45	50	56	55	42	43	43	37	47	47	45	39	53	56	68	75	75	68	64	38	36	39	52	60	77	73	72	75	....	....	54.3
	Minimum	23	27	32	45	38	35	37	33	21	19	32	39	31	25	28	36	36	42	57	38	30	28	27	38	51	60	55	47	45	....	....	36.4
Rogers	Maximum	43	40	42	43	30	33	38	33	38	45	38	34	33	42	53	64	77	75	68	42	35	48	47	58	58	67	60	61	60	....	....	48.4
	Minimum	18	18	32	30	28	23	31	13	13	17	33	26	21	12	25	35	36	41	42	25	22	18	27	35	49	53	50	38	33	....	....	29.1
Russellville	Maximum	42	43	45	49	49	42	41	41	44	43	42	43	39	51	60	71	77	77	72	64	42	42	45	50	53	61	70	69	67	....	....	52.9
	Minimum	21	20	35	38	36	34	35	29	24	21	32	36	27	22	26	30	30	36	49	35	29	25	28	35	45	52	57	45	39	....	....	33.5
St. Charles/	Maximum	42	38	46	52	49	40	40	40	46	38	34	43	40	39	59	58	61	72	74	66	60	44	49	52	58	54	64	68	....	....	....	ᵃ50.9
	Minimum	20	19	23	34	38	32	32	28	26	17	22	28	34	27	32	36	33	26	53	31	30	31	25	30	45	48	48	50	....	....	....	ᵃ32.1
Searcy	Maximum	38	46	52	47	46	41	43	36	37	44	42	41	38	52	57	67	76	75	69	59	42	37	41	50	53	60	67	74	65	....	....	51.6
	Minimum	18	18	33	37	34	31	34	25	22	20	33	34	30	25	26	34	35	37	53	32	26	22	26	37	47	51	53	45	44	....	....	33.2
Sheridan	Maximum	38	40	45	49	49	40	41	41	39	45	43	43	38	54	57	69	72	75	69	61	49	30	42	50	56	64	70	74	65	....	....	52.0
	Minimum	29	20	36	35	35	32	35	28	23	15	32	35	35	21	27	37	39	43	52	35	28	24	26	41	40	52	53	45	43	....	....	34.3
Siloam Springs	Maximum	43	40	42	41	32	39	39	36	40	43	40	35	27	46	53	63	75	75	68	47	36	48	51	55	57	65	63	....	....	....	....	ᵇ48.1
	Minimum	18	21	33	30	29	26	35	17	16	20	34	25	19	10	21	40	37	46	46	27	25	22	27	43	47	53	51	41	34	....	....	30.8
Stuttgart	Maximum	35	43	48	47	45	40	42	42	34	44	42	43	39	46	55	67	70	74	66	61	40	30	46	51	55	62	67	69	58	....	....	50.4
	Minimum	19	19	32	32	35	32	35	27	24	21	32	37	34	26	30	38	39	42	55	35	29	24	28	41	48	50	54	46	47	....	....	34.9
Stuttgart Evap./	Maximum	38	35	43	45	46	39	40	42	35	34	45	43	40	38	46	55	65	70	70	67	40	32	32	48	52	55	65	67	70	....	....	48.2
	Minimum	20	18	20	34	39	32	32	34	24	21	25	39	35	27	28	35	36	38	44	35	32	26	26	31	46	50	55	45	46	....	....	33.6
Subiaco	Maximum	39	39	45	47	47	40	40	40	39	42	42	40	37	45	55	64	68	76	71	60	40	43	41	48	53	63	67	67	64	....	....	50.4
	Minimum	21	21	33	36	34	34	35	29	24	22	32	35	24	21	29	32	37	40	54	34	28	25	27	37	46	49	55	48	41	....	....	33.9
Texarkana	Maximum	45	46	51	58	51	42	44	42	39	47	48	43	36	54	55	67	78	74	67	55	40	38	43	55	64	77	74	76	64	....	....	54.2
	Minimum	25	32	34	48	39	37	40	28	24	23	35	36	29	25	32	42	38	52	55	39	32	29	30	43	54	59	55	50	51	....	....	38.5
Turnpike	Maximum	39	41	38	45	43	34	38	34	37	40	36	33	31	46	46	59	74	69	70	51	34	41	34	44	55	59	59	65	58	....	....	46.7
	Minimum	20	22	32	33	28	25	30	18	13	17	26	28	24	17	31	37	45	49	50	24	20	15	21	31	42	51	35	44	35	....	....	29.8
Waldron	Maximum	43	43	46	52	49	42	43	41	43	48	45	39	38	50	57	61	78	76	73	70	39	43	46	51	56	65	69	68	64	....	....	53.0
	Minimum	15	18	33	39	35	33	37	29	22	19	32	35	25	16	24	31	30	34	58	36	28	26	27	38	47	52	53	39	35	....	....	32.6
Warren	Maximum	43	46	53	58	56	48	43	40	35	40	43	48	44	52	55	69	73	76	71	66	46	32	54	55	63	74	73	69	69	....	....	55.0
	Minimum	24	26	34	46	38	38	38	29	22	21	19	39	33	27	30	40	39	45	42	37	31	27	30	44	54	57	57	51	54	....	....	37.0
White Rock	Maximum	39	36	34	44	40	35	39	34	41	39	37	37	32	45	47	59	72	72	70	50	33	41	35	45	55	58	59	62	60	....	....	46.6
	Minimum	18	24	30	33	30	27	31	17	17	12	27	29	20	15	31	35	41	50	50	26	21	19	21	33	44	53	45	41	37	....	....	30.2
Wilson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne/	Maximum	38	45	48	45	45	40	43	41	34	42	46	43	42	42	50	64	72	70	68	62	33	33	32	50	52	55	68	65	68	....	....	49.5
	Minimum	17	17	34	38	33	29	34	24	21	20	21	23	32	....	30	43	41	42	....	32	29	26	24	32	48	51	54	47	44	....	....	ᵇ32.9

Daily River Stages for February, 1948

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	2.8	3.0	2.9	3.1	3.3	6.1	7.5	7.9	7.8	6.4	5.0	4.4	4.4	7.2	7.3	6.2	6.1	5.9	6.0	5.4	5.0	4.6	4.5	4.4	3.9	5.4	11.5	14.9	14.2	....	....
Van Buren	do	22	2.9	3.1	3.0	3.1	3.3	5.9	7.6	8.2	8.1	6.7	5.4	4.9	4.8	7.4	8.0	6.5	6.3	6.1	6.2	5.8	5.3	4.8	4.7	4.7	4.2	5.2	11.7	15.7	15.2	....	....
Danville	Petit Jean	20	4.4	4.4	4.4	4.6	5.3	11.8	16.0	17.8	17.8	17.3	16.7	17.1	19.1	19.8	19.1	18.2	15.9	13.6	10.6	9.9	9.6	10.0	9.7	9.0	12.5	21.2	23.0	22.0	20.0	....	....
Ozark	Arkansas	22	0.1	0.4	0.4	0.3	0.3	2.0	4.2	4.8	5.1	5.0	3.4	2.8	2.4	4.0	4.4	3.9	3.6	3.4	3.5	3.3	2.7	2.6	2.3	2.2	1.8	2.8	7.6	11.6	11.8	....	....
Dardanelle	do.	22	1.4	1.8	1.6	1.7	2.4	4.1	5.2	6.6	6.9	6.8	6.0	5.3	5.3	5.6	6.4	6.4	5.9	5.5	5.4	5.3	4.8	4.4	4.3	3.7	4.6	8.4	10.8	13.6	15.1	....	....
Morrilton	do.	20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Little Rock	do.	23	0.7	0.6	0.9	0.9	1.0	1.9	3.1	4.4	5.3	5.5	5.6	5.5	5.2	5.2	5.3	5.5	5.6	5.4	5.1	4.8	4.5	4.1	3.7	3.4	3.7	5.9	8.4	10.0	12.4	....	....
Pine Bluff	do.	25	1.2	1.0	0.8	1.2	1.4	1.8	3.0	5.0	6.5	7.3	7.6	7.9	7.9	7.8	7.7	7.7	7.9	7.8	7.5	7.1	6.6	6.1	5.6	5.2	4.9	6.0	9.4	11.5	13.3	....	....
Gilbert	Buffalo	30	3.6	3.6	3.6	3.5	3.5	4.4	5.3	5.3	5.1	4.8	4.4	4.7	5.4	5.7	5.9	5.5	5.4	5.2	5.1	5.9	4.9	4.8	4.7	4.6	4.9	7.6	9.0	11.0	8.6	....	....
Black Rock	Black	14	3.8	3.7	3.5	3.4	3.9	5.4	5.9	5.7	5.3	5.0	4.7	5.1	6.0	8.6	9.2	8.7	8.3	8.0	8.0	8.0	8.0	7.9	7.7	7.4	7.8	11.9	12.4	12.2	11.8	....	....
Forsyth, Mo.	White	30	0.8	1.0	1.3	1.0	1.0	1.0	1.0	1.6	3.8	2.0	1.2	1.0	4.2	3.2	4.7	6.1	6.2	6.2	6.6	6.3	6.1	5.6	4.4	4.0	4.1	4.0	5.9	6.7	8.9	....	....
Cotter	do	21	2.2	1.8	1.7	1.7	2.4	2.6	2.4	2.4	2.0	2.4	4.3	4.2	4.8	5.6	5.3	5.1	5.9	6.1	6.1	6.1	6.0	5.8	4.9	4.6	4.7	5.2	6.0	6.2	7.2	....	....
Calico Rock	do	18	1.4	1.2	0.8	1.0	0.8	2.1	2.2	2.1	2.3	2.2	2.1	3.2	3.8	4.7	5.2	5.0	5.2	5.6	5.6	5.4	5.3	5.0	4.6	4.2	4.3	6.0	7.5	8.0	8.8	....	....
Lock 3	do	..	6.9	6.9	6.9	6.5	6.7	7.6	7.8	7.9	7.9	7.8	7.7	8.7	9.6	10.6	10.7	10.4	10.5	11.1	11.2	11.2	11.2	10.8	9.8	10.1	10.5	12.4	12.8	13.7	14.5	....	....
Batesville	do	23	5.9	6.0	5.8	6.0	6.3	7.5	8.0	7.9	7.9	7.6	7.4	8.3	9.6	11.2	11.2	10.9	11.0	11.4	11.5	11.4	11.3	11.2	10.1	10.2	10.9	13.9	14.0	15.1	15.3	....	....
Newport	do	26	2.8	2.7	2.6	2.6	3.9	4.5	6.2	6.6	6.4	6.0	5.5	5.3	6.6	9.1	11.0	11.8	11.5	11.4	11.6	11.5	11.1	11.0	10.7	9.8	9.9	12.3	15.0	16.9	17.7	....	....
Augusta	do	32	15.2	15.0	14.8	14.8	15.0	16.4	18.0	19.6	21.3	21.0	19.5	19.2	19.8	21.6	23.9	25.1	25.3	25.2	25.2	25.1	25.0	24.8	24.5	24.0	23.6	24.9	27.6	28.8	29.6	....	....
Sugar Loaf Mt.	Little Red.	..	4.1	4.1	4.1	4.4	5.3	8.1	9.6	8.5	7.7	7.0	6.6	6.8	7.8	9.8	8.9	8.0	7.4	7.0	6.6	6.4	6.2	5.9	5.7	5.5	8.1	16.2	16.8	14.1	11.4	....	....
Georgetown	White	21	5.2	5.0	4.7	5.2	6.8	9.0	9.0	10.8	11.5	11.5	10.8	10.6	11.4	12.4	14.8	15.8	15.9	15.8	15.7	15.5	15.4	15.1	14.9	14.5	14.3	16.3	18.4	19.5	20.2	....	....
Des Arc	do	24	8.0	7.5	7.2	7.0	6.8	8.9	10.9	12.9	13.7	14.1	13.9	14.0	14.8	16.0	17.1	18.0	18.6	18.5	18.4	18.3	18.0	17.8	17.6	17.3	17.1	18.4	20.0	21.3	22.2	....	....
Clarendon	do	26	16.0	15.2	14.5	14.1	14.2	14.8	15.8	17.2	18.3	19.0	19.4	20.3	21.4	22.1	22.5	22.9	23.4	23.7	24.0	24.2	24.3	24.4	24.4	24.4	24.4	24.4	25.0	25.6	26.0	....	....
St. Charles	do	25	17.5	16.7	14.8	14.2	14.2	14.5	15.3	16.0	17.2	17.9	18.3	19.2	20.5	21.4	21.9	22.3	22.6	22.9	23.6	24.0	23.6	23.9	24.2	24.4	24.0	24.2	24.3	24.5	24.7	....	....
Glenwood	Caddo	..	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.6	6.0	6.1	6.1	6.2	6.2	6.4	6.3	6.2	6.1	6.0	5.8	5.8	5.7	5.7	5.8	6.2	6.5	6.9	6.5	6.3	....	....
Arkadelphia	Ouachita	17	4.2	4.3	6.5	6.3	9.0	10.3	10.0	10.2	9.2	8.4	8.2	10.3	16.1	15.6	13.2	9.0	11.0	8.2	7.9	7.8	7.6	7.4	7.2	7.5	10.6	17.8	20.0	21.1	18.2	....	....
Boughton	Little Mo.	20	8.1	8.7	9.1	9.3	10.0	13.9	15.1	15.6	16.7	15.1	15.3	13.2	17.4	19.3	18.8	16.3	14.8	12.7	11.0	9.7	8.8	8.6	8.5	8.2	11.8	16.4	17.6	18.3	17.2	....	....
Camden	Ouachita	26	13.2	13.1	13.7	14.4	15.7	17.8	19.9	22.2	23.8	24.9	25.0	25.6	27.2	29.4	31.4	37.8	33.3	33.0	32.2	30.9	29.4	27.4	25.2	22.9	21.5	22.5	25.4	27.8	29.5	....	....
Benton	Saline	20	5.1	5.1	5.1	5.0	9.8	11.7	10.2	9.6	8.9	7.0	7.2	11.2	14.1	12.8	10.8	9.0	8.0	7.8	7.6	7.2	7.0	6.9	6.8	6.7	12.2	19.4	18.2	15.0	11.5	....	....
Index	Red	25	8.4	8.3	8.3	8.2	8.2	8.2	8.2	8.2	8.5	8.5	12.4	11.8	11.8	11.8	12.4	12.3	12.2	12.0	11.8	9.8	9.8	9.8	9.7	9.4	9.2	9.2	9.2	19.9	18.2	....	....
Fulton	do	25	9.0	9.6	10.0	10.0	10.2	11.3	12.1	13.2	14.7	15.6	16.0	16.0	16.2	16.5	16.9	17.2	17.0	16.5	15.7	14.8	14.0	13.0	12.3	11.9	11.7	12.7	16.3	21.1	21.6	....	....
St. Francis	do	18	8.3	7.9	7.7	7.6	8.1	9.1	9.0	8.9	8.7	8.3	8.1	9.4	11.4	14.0	14.7	14.8	14.7	14.6	14.7	14.9	15.1	15.3	15.4	15.3	15.2	15.5	15.5	15.8	15.6	....	....
St. Francis L.L.	do	..	21.6	21.9	21.7	21.6	21.7	21.8	21.8	21.8	21.9	22.0	22.2	22.3	22.0	21.9	21.8	21.9	22.1	22.3	22.4	22.5	22.6	22.6	22.5	22.5	22.5	22.6	22.6	22.6	22.7	....	....
Marked Tree	do	17	6.0	3.0	4.5	4.1	3.2	3.7	3.9	3.8	3.6	3.3	3.0	3.0	8.5	9.7	9.9	9.9	9.8	9.6	9.1	8.8	8.6	8.5	8.4	8.0	8.0	8.9	9.2	9.6	9.7	....	....
Parkin	do	28	10.7	8.9	7.8	7.5	8.6	10.0	10.8	10.8	10.2	9.3	8.8	9.9	13.3	15.7	17.9	18.0	17.4	16.7	15.8	14.9	14.2	14.0	13.9	13.9	14.1	16.1	17.7	18.6	18.9	....	....
Madison	do	32	....	9.0	8.3	7.9	8.0	9.9	10.5	11.1	10.6	10.7	10.0	11.1	13.4	15.5	16.6	16.6	16.9	16.6	16.6	16.9	17.2	17.5	17.8	18.9	19.2	20.7	22.0	22.5	23.0	....	....
Helena	Mississippi	44	7.8	8.0	7.1	7.7	6.8	7.1	7.4	8.1	8.2	9.2	10.7	12.4	14.4	16.4	17.9	20.4	23.5	26.8	29.6	31.8	33.6	34.7	35.5	36.2	36.7	37.3	38.0	38.6	38.8	....	....
Arkansas City	do	42	6.9	7.0	7.1	6.9	6.1	6.0	6.3	6.9	7.8	8.4	9.3	10.7	12.0	13.5	14.9	16.2	17.9	20.1	22.3	24.4	26.3	26.9	27.5	28.2	28.8	29.3	29.9	30.7	31.2	....	....

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. ᵃ, ᵇ, ᶜ, etc., number days missing, example, ᵇindicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana: Lutherville, Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3. Morrilton: Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill: Rosebud, Route 1. Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O., Fort Worth, Texas. 4-13-1948-1225

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CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

VOL. LIII   LITTLE ROCK, ARK.,   MARCH, 1948   No. 3

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GENERAL SUMMARY

March, 1948, followed the pattern of January and February in being an unusual month. March turned in some of the coldest weather experienced during the current winter, and also set numerous low records for temperature in the northwest quarter of the State. In addition to being unusually cold over the northwest quarter, the snowfall during the same period was the second heaviest of record, in comparison with the unusually heavy March snows of 1924.

The lowest temperature recorded during March was 14° below zero, and was reported by two stations - Gravette and Lead Hill. These low temperatures occurred on the 12th of March, and the lows over the state occurred generally near this date.

The average snowfall reported for the state was 1.4 inches, and this is about one inch above the normal for the entire state. Three-fourths of the stations in the state reported less than 0.1 of an inch of snow, and the northwest quarter accounts for the high average for whole state. The heaviest snowfall reported for the month was 14.8 inches by Rogers. Siloam Springs reported the next heaviest, with 13.7 inches.

The precipitation was well-distributed over the month, and ranged from a low of less than inch at Green Mountain, to more than eleven inches at Fordyce. The alluvial section of the state received the heaviest rains, and they ranged from six inches to slightly over eleven inches. The driest portion of the state would fall along a line drawn from about Grannis to Mt. Home, and the fall in the counties along this line will run from two to three inches. The northwest counties - Benton, Carroll and Washington, received five to seven inches of precipitation.

Agriculture fared well throughout the month by the distribution of rainfall, although very little preparation for spring crops was accomplished. The extreme cold weather around the 12th damaged peaches considerably in the northwest portion, and around the Nashville peach area.

Minor floods occurred on all rivers during the month, but were primarily of a nuisance character, since no crops had been planted in the flooded sections. Most of the damage was due to delay in preparation of graund for spring crops. Several thousand head of cattle and hogs were removed from the flooded areas due to warnings issued. The most serious of the floods occurred in the Ouchita Basin, where several thousand acres were inundated between Camden and Huttig.

TEMPERATURE

The average temperature for March, 1948, was 50.6°, 1.9° below normal. The highest temperature reportod during the month was 89° at Perryville on the 20th. The lowest temperature was —14°, by both Lead Hill and Gravette. This is the lowest temperature ever reported for the Month of March in Arkansas. Practically all of the stations in the northwest quarter of the state broke the lowest temperature records for March. The previous low record for March was —6°, in 1943. Mammoth Spring again reported the lowest mean temperature of the month for the state, with 44.8°, 5° below their normal. The highest mean for the month was reported by Magnolia, with 58.9°, 2.4° above their normal.

Summary Continued on Page 16

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	62	11	2	..	1	1	..	1	..	1	1	..	..	..	10	12	1	17	18	2	54	52	4	..	25	64	5	..	3	43	29
High Winds	13	6	7	15	3	..	1	1	..	6	5	1	1	10	13	4	4	15	42	16	20	13	3	1	16	49	22	5	13	29	9
Heavy Fog	14	11	1	3	17	9	16	2	..	3	1	..	..	..	6	11	3	7	1	2	9	11	4	4	2	5	..	..	..	5	3
Sleet	..	..	..	1	13	2	..	26	7	64	31	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hail	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	2	..	..	2	..	..	1	12	..	..	..	15	5
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.66	12	29.10	30	10.1	35	sw.	19	78	56	56	55	505
Little Rock	30.63	12	29.27	30	10.9	42	sw.	26	78	60	60	46	431
Memphis.	30.59	12	29.32	31	10.3	30	sw.	19	83	62	66	56	424
Texarkana	30.65	12	29.26	30	....	62	w.	22	79	56	55	12	367

COMPARATIVE DATA FOR MARCH

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	46.7	79	10	5.10	....	10	11	9	11
1892	47.9	84	9	3.44	3.8	7	14	8	9
1893	50.1	82	5	3.55	T.	8	16	6	9
1894	54.6	88	8	9.84	0.8	9	14	7	10
1895	51.8	91	10	5.39	T.	10	13	7	11
1896	48.7	85	12	5.28	1 3	8	10	7	14
1897	55.9	88	13	9.76	T.	15	10	7	14
1898	54.5	88	18	5.96	0.1	9	10	9	12
1899	50.6	87	1	2.97	0.4	7	12	9	10
1900	51.2	90	7	2.50	0.3	7	15	7	9
1901	51.5	86	4	4.67	T.	6	14	8	9
1902	52.6	89	14	5.34	T.	7	12	10	9
1903	54.8	85	11	5.56	0.6	8	10	9	12
1904	55.3	90	12	5.64	T.	8	11	11	9
1905	57.1	92	26	5.31	T.	9	10	10	11
1906	45.2	83	10	5.69	0.4	11	8	6	17
1907	61.9	96	25	3.22	0.0	6	14	8	9
1908	59.5	93	21	3.79	0.1	8	11	9	11
1909	52.7	84	16	3.71	T.	8	13	8	10
1910	60.7	92	22	1.39	T.	3	20	7	4
1911	56.6	94	15	2.17	0.0	6	16	9	6
1912	45.8	86	10	7.86	0.2	12	7	7	17
1913	49.7	88	8	4.74	0 8	7	14	9	8
1914	50.0	86	4	5.13	1.9	9	12	8	11
1915	42.5	73	14	3.54	0.7	7	9	7	15
1916	54.5	91	11	1.93	T.	5	16	6	9
1917	53.0	87	9	5.32	1.0	11	14	5	12
1918	57.9	96	16	1.31	0.0	4	11	8	12
1919	53.2	86	11	5.47	0.5	6	17	5	9
1920	51.8	88	2	5.31	0.3	8	14	5	12
1921	60.8	92	18	6.55	T.	9	11	8	12
1922	51.7	83	7	8.58	0.3	11	12	6	13
1923	49.6	88	2	5.04	T.	8	15	5	11
1924	46.6	84	5	3.27	6.8	8	13	6	12
1925	55.9	89	7	1.69	T.	4	18	6	7
1926	48.5	86	11	5.57	0.4	9	13	6	12
1927	53.5	87	5	7.24	0.6	12	12	7	12
1928	52.7	92	20	2.53	0.1	6	14	7	10
1929	55.7	98	19	3.77	T.	10	12	7	12
1930	50.4	83	15	2 21	T.	6	16	6	9
1931	47.5	85	16	4.21	0.4	8	13	5	13
1932	48.2	88	2	4.48	0.7	9	13	7	11
1933	52.6	91	17	4.87	T.	9	13	5	13
1934	49.6	85	4	6.53	1 0	9	15	6	10
1935	58.7	90	18	8.29	T.	10	10	8	13
1936	57.1	88	22	2.19	T	7	16	7	8
1937	48.7	84	14	3 04	0.3	8	13	7	11
1938	60.3	91	20	6.02	0.0	10	13	8	10
1939	54.4	88	19	3.71	T.	8	14	8	9
1940	52.0	88	9	2.39	0.7	7	14	7	10
1941	47.5	80	13	2.21	0.2	7	13	8	10
1942	53.0	89	18	3.95	2.0	8	15	7	9
1943	46.9	84	- 6	5.66	0.2	10	13	6	12
1944	51.3	87	14	6.13	0.2	10	12	8	11
1945	58.9	92	16	11 12	0.0	13	11	6	14
1946	58.2	94	19	5.47	0.0	8	11	8	12
1947	45.0	79	5	2.69	0.9	8	12	9	10
1948	50.6	89	-14	5.72	1.4	10	..	..	..
Period	52 5	98	-14	4.76	0.5	8	..	..	..

HIST

Climatological Data for March, 1948

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	11	51.2	− 1.9	82	19	13	12	7.74	+2.05	2.00	1	0	11					L. R. Water Works
Arkadelphia	Clark	200	52	52.5	− 3.3	85	20†	17	12†	7.41	+2.56	3.96	22	T.	15					W. H. Halliburton
Ashdown	Little River	329	4	51.1	......	82	19	13	11†	5.84	......	2.66	21	0	10					Southwestern G. & E.
Batesville Airway	Independence	363	12	48.9	− 1.5	82	19	13	12	4.93	......	1.59	1	0	13					Airway Observer
Batesville Livestk.	Independence	500	7	49.4	......	83	22	9	12	6.19	......	1.66	3	T.	9					University of Arkansas
Bee Branch	Van Buren	650	55	49.9	− 1.4	80	19†	11	12	5.01	+0.37	2.12	1	0	9					Minnie Scanlan
Benton	Saline	285	12	50.0	− 2.6	83	21	13	12†	6 70	......	2.51	22	1.3	14					Mrs. Etta C. Burks
Bentonville	Benton	1295	42	[a]42.3	− 5.7	77	26	−12	12	6.01	+2.58	1.34	1	8.5	11					E. L. Brown
Bethesda***	Independence	500	8	48.5	......	82	21	8	11	4.62	......	1.76	2	0	6					Soil Cons. Service
Black Rock	Lawrence	259	46	....	......	.....	.....	.....	.....	4.07	−0.29	1.48	2	T.	8					J. H. Ragan
Blytheville	Mississippi	252	22	51.0	− 0.2	83	20	16	12	7.73	+3.12	2.17	2	0	14					R. E. Blaylock
Booneville 3 miles w	Logan	465	33	51.6	− 1.7	85	19	10	11†	2.64	−0.88	1.25	1	0.2	7					F. H. Randolph
Brinkley	Monroe	205	56	53.7	+ 0.4	85	19	18	12†	8.24	+2.95	3.40	22	0	15					Robert L. Glover
Camden	Ouachita	116	62	54.4	− 0.9	88	27	20	12	8.04	+2.98	3.99	22	T.	10					J. M. Knight
Camp Chaffee	Sebastian	419	4	48.9	......	84	21	7	11	2.66	......	0.58	22	1.5	9					U. S. Army
Clarendon	Monroe	172	43	....	......	.....	.....	.....	.....	8.66	+3.66	2.98	22	T.	9					B. F. Northern
Conway	Faulkner	309	64	52.0	− 1.6	84	19	14	12	5.72	+1.12	2.20	1	T.	13					G. Y. Short
Corning	Clay	293	54	48.7	− 2.1	84	21	14	12	5.98	+1.35	1.51	2	1.0	10					Mrs. Laura Polk
Cotter	Baxter	440	20	....	......	.....	.....	.....	.....	3.49	+0.45	1.09	11	5.5	8					O. B. McSpadden
Crossett 7 miles s	Ashley	175	35	[a]57.9	+ 1.9	86	20	17	13	4.76	−0.39	1.26	2	0	11					U. S. Forest Service
Cummins Farm***	Lincoln	176	4	54.4	......	84	20	20	12†	6.83	......	2.85	22	T.	9					T. C. Cogbill
Danville	Yell	327	31	....	......	.....	.....	.....	.....	3.51	−0.51	1.39	2	T.	8					J. A. Mondy
Dardanelle	Yell	330	61	51.3	− 2.0	85	19†	15	12†	3.33	−0.98	1.30	3	0	8					Geo. N. Goodier
DeQueen	Sevier	426	12	53.3	− 2.4	80	19†	13	12	4.02	−0.51	2.02	1	0	8					L. D. McCown
Des Arc	Prairie	204	9	50.1	......	85	20	18	12	6.22	......	2.14	2	0	9					Z. R. Glenn
Devil's Knob***	Johnson	2350	11	46.5	......	75	19†	− 1	11	3.74	......	1.07	1	3.0	9					U. S. Forest Service
Dumas	Desha	162	42	55.9	+ 0.3	85	19†	20	12†	9.89	+4.06	3.06	16	0	14					Ben Johnson
El Dorado	Union	270	47	[b]55.0	+ 0.5	85	21	20	12	4.46	−0.70	1.95	16	0	10					Airway Observer
Eureka Springs	Carroll	1465	47	45.8	− 4.2	81	20	− 1	11†	6.19	+2.40	1.85	1	10.0	11					Geo. W. Nichoalds
Fayetteville	Washington	1334	10	46.4	......	80	20	− 5	12	5.76	......	1.38	1	11.0	13					Charles F. Ford
Fayetteville Exp	Washington	1451	60	45.9	− 3.8	79	20	−11	12	5.49	+1.99	1.67	1	7.8	13					University of Arkansas
Fordyce	Dallas	280	7	[a]56.7	+ 2.1	85	19	17	12	11.48	+5.90	4.60	22	0	14					Ark. Forestry Com.
Fort Smith	Sebastian	448	66	49.2	− 3.4	84	20	7	11	2.95	−0.06	0.81	5	1.2	7					U. S. Weather Bureau
Fulton	Hempstead	260	62	....	......	.....	.....	.....	.....	4.93	+0.38	2.53	22	T.	8					Ina J. Logan
Georgetown, 2 mi, se	White	200	35	....	......	.....	.....	.....	.....	6.84	+1.82	2.40	22	T.	11					J. S. McDonald
Gilbert	Searcy	600	22	45.9	......	84	20	2	12	3.27	+0.44	0.92	2	T.	10					D. O. Dennis
Grannis	Polk	950	28	50.0	− 1.7	80	19	12	10†	2.86	−1.51	1.04	1	T.	10					W. E. McVay
Gravette	Benton	1250	50	45.9	− 2.8	80	20	−14	12	6.13	+2.75	1.50	26	9.0	8					J. A. Schmidt
Green Mountain***	Stone	1100	10	45.1	......	69	20†	7	12	0.96	......	0.72	21	T.	3					U. S. Forest Service
Harrison	Boone	1052	47	44.9	− 3.9	82	20	−10	12	3.08	−0.07	0.70	1	7.0	8					R. C. Beene
Helena	Phillips	300	75	52.5	− 1.3	82	20†	20	12†	7.16	+1.13	1.66	22	T.	10					James A. Burnett
Hope 3 miles e	Hempstead	375	77	52.1	− 3.5	82	20†	16	12	7.03	+1.95	4.03	22	T.	10					Univ. of Arkansas
Hot Springs	Garland	600	55	54.4	+ 0.2	82	20	14	12	6.03	+1.20	1.98	1	T.	13					National Park Service
Jonesboro	Craighead	345	52	49.3	− 2.8	82	19†	16	12†	8.99	+4.22	2.90	2	0.4	12					Benedictine Sisters
Keo	Lonoke	....	..	53.4	......	85	19	18	12	8.05	......	4.10	22	0	12					R. A. Waller
Lead Hill	Boone	650	41	45.9	− 2.5	84	20	−14	12	3.38	−0.31	1.03	10	8.0	8					F. W. Kellogg
Little Rock	Pulaski	257	68	51.9	− 1.1	84	19	17	12	6.43	+1.81	1.75	21	T.	12					U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	49	49.0	− 2.4	82	20	9	12	3.11	−1.06	1.50	1	T.	7					Mrs. H. G. Lenhardt
Madison	St. Francis	209	17	....	......	.....	.....	.....	.....	10.13	+4.91	2.70	22	T	11					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	31	[c]58.9	+ 2.4	84	19	18	12	....	......	....	.....	.....	....					State Agri. School
Mammoth Spring	Fulton	600	43	44.8	− 5.0	83	21	6	12	4.68	+1.28	1.16	26	2.6	9					L. A. O'Neal
Marianna	Lee	235	36	51.8	− 1.8	82	19	21	12†	6.89	+2.01	2.22	22	0	8					Univ. of Arkansas
Marked Tree	Poinsett	229	43	49.7	− 0.7	85	20	17	12	9.16	+4.00	2.60	2	0	13					Chas. Walton
Marshall	Searcy	1050	29	48.1	− 2.2	81	19	5	12	3.05	−0.93	1.10	1	1.0	9					Mrs. Minnie Horton
Mena	Polk	1207	59	51.7	− 0.9	83	19†	10	12	3.48	−1.02	1.05	2	T.	8					E. W. St. John
Monticello	Drew	273	7	55.3	......	84	19†	20	12	6.39	......	2.21	1	0	11					Airway Observer
Morrilton***	Conway	315	31	49.8	− 1.5	83	20†	15	12†	4.15	+0.02	1.85	2	0	6					L. A. Diens
Mountainburg	Crawford	712	10	....	......	.....	.....	.....	.....	4.94	......	1.11	10	5.0	7					C. A Lovell
Mountain Home***	Baxter	800	35	46.7	− 3.1	86	20	− 2	12	2.75	−0.92	0.85	10	3.5	7					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	48	....	......	.....	.....	.....	.....	....	......	....	.....	.....	....					J. S. Whittington
Nashville	Howard	350	9	53.6	......	81	19†	15	12	5.45	......	2.06	1	T.	12					Brice Carruth
Newport	Jackson	231	64	51.0	− 1.5	84	19	11	12	6.93	+2.14	2.45	2	T.	11					Willis T. Moyer
Nimrod Dam	Perry	475	6	49.6	......	83	20†	12	12	4.20	......	1.70	3	T.	7					U. S. Engineers
Oden, 2 mi w	Montgomery	800	20	[d]48.2	......	81	18†	10	12	3.88	+0.07	1.70	1	0	6					U. S. Forest Service
Okay	Howard	288	19	....	......	82	19†	16	12	5.30	+0.69	2.00	22	0	11					J. T. Hargis
Osceola	Mississippi	250	47	....	......	.....	.....	.....	.....	8.25	+3.13	1.95	1	T.	12					C. E. Carter
Ozark	Franklin	396	52	48.4	− 4.2	83	21	10	11†	3.22	−0.53	1.08	2	T.	7					Orkney O. Milton
Paragould	Greene	275	24	....	......	.....	.....	.....	.....	....	......	....	.....	.....	....					Jene J. Coffman
Parkin, 2mi. w	Cross	222	17	....	......	.....	.....	.....	.....	9.83	+4.51	2.45	2	0	9					Carroll King
Perryville	Perry	325	8	49.7	− 1.9	89	20	14	10†	4.29	+0.43	1.44	1	0	8					Gordon Bennett
Pine Bluff	Jefferson	215	60	53.3	− 1.7	86	20	21	12†	7.70	+2.39	3.86	22	T.	10					Mary T. Scheu
Pine Ridge	Montgomery	840	23	....	......	.....	.....	.....	.....	4.35	+0.07	1.46	3	T.	9					J. R. Huddleston
Pocahontas	Randolph	300	54	50.4	− 0.6	84	19	12	12	5.32	+0.76	1.17	26	0.8	13					Benedictine Sisters
Portland	Ashley	122	41	55.9	− 1.0	87	21	24	12†	5.34	+0.06	1.31	2	T.	7					Mrs. Pearl Newton
Prescott	Nevada	318	59	52.3	− 3.6	84	20	17	12†	6.07	+1.51	3.70	22	T.	12					R. P. Hamby
Rogers	Benton	1300	57	[a]45.8	− 3.2	81	20	− 6	12	5.92	+2.57	1.61	1	14.8	12					Howard Fowler
Russellville	Pope	526	35	51.8	− 0.6	83	19†	14	12	3.44	−0.90	1.42	1	0	7					U. S. Forest Service
St. Charles	Arkansas	175	14	53.4	......	83	21	22	12	5.93	......	2.48	22	T.	8					U. S. Biological Survey
St. Francis	Clay	290	20	....	......	.....	.....	.....	.....	8.46	+3.57	2.26	26	T.	9					Wm. S. Buckley
Searcy	White	245	37	52.2	0.0	84	19	16	12	9.79	+5.13	....	.....	0	14					Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	7	53.3	......	85	19	14	12	7.53	......	4.02	22	0	13					Ark. Forestry Com.
Siloam Springs	Benton	1150	7	[d]48.6	......	81	20	− 7	12	5.86	......	1.59	1	13.7	13					John Brown Univ.
Story	Montgomery	650	23	....	......	.....	.....	.....	.....	4.49	+0.52	2.05	2	0	8					S. C. Story
Stuttgart	Arkansas	214	60	52.2	− 1.7	84	19	20	12	6.64	+1.18	3.50	21	T.	8					George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	12	[a]52.0	− 0.7	82	20†	21	12	7.54	+2.43	3.10	22	0	8					University of Ark.
Subiaco	Logan	750	49	50.5	− 2.6	81	19	12	11†	3.12	−0.68	1.17	1	T.	6					New Subiaco Abbey
Texarkana	Miller	332	63	54.5	− 1.7	82	19†	16	12	5.67	+1.37	1.86	1	0	13					U S. Weather Bureau
Turnpike***	Pope	2240	23	45.2	......	79	20	2	11	4.18	+0.14	1.23	1	0	12					U.S Forest Service
Waldron	Scott	675	28	50.6	......	89	26	9	11†	2.93	−0.79	1.18	1	1.0	7					William D Bivens
Warren	Bradley	206	53	57.5	+ 1.5	84	19†	20	12	8.46	+3.00	2.08	2	0	10					C. N Turner
White Rock***	Franklin	2285	11	45.7	......	76	20	− 2	11	5.04	......	0.97	1	6.7	14					U. S. Forest Service
Wilson	Mississippi	237	22	....	......	.....	.....	.....	.....	....	......	....	.....	.....	....					D. O. Anderson
Wynne	Cross	167	39	53.0	+ 1.2	83	19	20	12	9.81	+4.63	2.52	22	0	14					Guy B. Upton
State Means	......	....	..	50.6	− 1.9	89	20†	−14	12	5.72	+0.96	4.60	22	1.4	10					

Daily Precipitation for March, 1948

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	.54	.85				.75					.21											.77	.17			.04						3.33
Alum Fork Reser.	Arkansas	2.00		.87		T.	.25		T.			T.				.09			.05	.20		.50	1.78				1.45				.50	.05	7.74
Aplin[2]	Arkansas	T.	1.97				.40			T.	.02	T.				T.	.01			.32			1.43	.04			.09	.12			.18	.20	4.78
Arkadelphia[2]	Ouachita	.02	2.22	.03		.03	.33	.02		.02		T.	T.			.01	.10			.10		T.	3.96	.09			.04	.02				.45	7.44
Arkansas City[2]	Mississippi	.04	1.47	.44			1.26	.01		.01			T.			T.	1.78	.11	T.				.02	1.56				.11				.48	7.29
Ashdown[2]	Red	1.48				.80			.07		.10	T.			.13	.01			.14			2.66					.42	T.			.03		5.84
Augusta[2]	White		2.35				.65			T.		T.					.18			.26			2.76	.50			T.	.12				.27	7.09
Batesville Air'y[3]	White	1.59				.18	.22		.01		.08								.17	.18		.98	.84	.11		.14	.24				.19		4.93
Batesville Livestk[2]	White			1.66				.45	T.	.25		.25								.27		1.00	1.33	T.			.89	T.			.09		6.19
Batesville River[2]	White		1.53				.38	.01			.04	T.				T.				.50			1.40	.53			.19					.13	4.71
Beaty Lake	St. Francis	1.26	.92			T.	.86		T.		T.	.02				T.	1.42		.52			T.	2.42	.60			.45				.86	T.	9.33
Beaver[2]	White	1.37	.47			T.	.68	.02		.06	.02	.80								.19		.02	.55	.65			1.11					.46	6.40
Bee Branch	Arkansas	2.12	T.				.44					T.				.13			.31	.48		.40	.85	T.			.22					.06	5.01
Beech Grove[2]	White		1.62				.60	T.				.02					T.			.57			1.69	.58			.10	T.				.53	5.71
Beedeville[2]	White		3.04									T.					T.	T.		T.	T.		2.65	.37			T.					T.	6.06
Benton[2]	Saline	.34	2.06	T.			.35	.07		.10		.10	.03				.10			.27			2.51	.07			.16	.31				.23	6.70
Bentonville[2]	Arkansas	1.34	T.				.61			.06	*	.83								.84		.50	.38	.60			.81					.04	6.01
Bethesda[2]	White		1.76				.41													.27			1.30		.12		.76						4.62
Big Flat[2]	White	.35	1.07				.40	.04		T.	T.	.18								T.			.67	.42			T.	.22	T.		T.	T.	3.35
Big Lake Outlet[2]	St. Francis		2.70			T.											.72	T.		.83	.07	T.	1.63	.80	T.		.02	.24				1.33	....
Black Rock[2]	White		1.48				*	.54					T.				T.			.02			1.27	.35			.37	T.			T.	.04	4.07
Blytheville[2]	St Francis	.59	2.17				.28	.54				.25				.64	.10	.50		.06	.06	T.	1.50	.73			.15		.16				7.73
Booneville 3 mi. w.	Arkansas	1.25				.37	.13				.05	.05										.27	.52										2.64
Booneville[2]	Arkansas	.31	1.48				.65	.01		T.		.15								T.		.02	1.00	.03							T.	T.	3.65
Boughton[2]	Ouachita	.07	1.50				.40			.05		T.				T.	.19	T.					3.65					.10					5.96
Bradford[2]	White		2.82				.60					.03					.07			.70	.27		2.05	.71			.02	.90				.53	8.70
Brinkley[3]	White	1.03	.79	T.			.65		.03	.02		.03				.18	.66		.26	.01			3.40	.26			.49				.27	.16	8.24
Burdette	Mississippi	1.75	.63				.79										.96			.75	.05		1.90	.55			.32				.50		8.20
Calico Rock[2]	White		.96				.39	T.		T.		.14							*	.05			.75	.23			.10	.20			.03	.06	2.91
Camden[2]	Ouachita		1.82	.07			.58			.05		T.					1.03			.02			3.99	.05				.10				.33	8.04
Camp Chaffee[2]	Arkansas	.13	.55			.20	.55			T.		.36								.01		.01	.58	.27									2.66
Carlisle[2]	Arkansas		2.01	.01				.53		.05							.19			.13		.15	3.10	.30				.44					6.91
Clarendon[2]	White		1.78	.01			.81					T.					1.05			.24			2.98	.75				.19				.85	8.66
Clinton[2]	White	.10	1.90				.65			.01		.02								.44			1.10	.02			.30	T.			.01	.03	4.58
Cold Springs[2]	Ouachita	.35	.85			.02	.65				.04	.15	T			T.				T.			T.	1.20	.05		.10					.06	3.47
Conway	Arkansas	2.20	.49			.01	.28		T.	T.		.09				.03			.03	.06		.56	1.06	.01			.60				.30		5.72
Corning[2]	White		1.51				.57					.10					.06			.16	.01		1.17	.40			1.14					.86	5.98
Cotter[2]	White	.08	.69				.52	T.		.06		1.09								T.			.62	.14							T.	.29	3.49
Cove[2]	Red		1.37		.10		.79					.27				T.			T.				.96	.18		.20					T.	.20	4.07
Crossett	Ouachita	.04	1.26	.59		.31	.47									.06	.91						.67			T.		.34			.05	.06	4.76
Crystal Valley(nr)[2]	Arkansas		2.03				.34				T.	T.					T.			.30			1.04	2.53			1.12	1.45				T.	8.81
Cummins Farm	Arkansas	.64	1.30	.16		.18	.68	T.		T.	T.					T.						T.	2.85				.12				.40	.50	6.83
Danville[2]	Arkansas	.26	1.39				.80	.01		T.		.04								.01			.85	T.			.15				T.	T.	3.51
Dardanelle[2]	Arkansas		.31	1.30				.71	.02				T.							.06			.85	.05			.03						3.33
De Queen	Red	2.02				.63	.12		.03													.62	.35							.04	.21		4.02
Dermott[2]	Mississippi	.02	1.95	.45			.90	.01									1.70						1.28									.54	6.85
Des Arc[2]	White		2.14				.55				.10	T.						.35	T.		.40		2.08	.16			.32	.12					6.22
Devils Knob	Arkansas	1.07				.29			.05		*	.44				T.			T.		.65	.32		.16			.76				T.		3.74
Dumas	Mississippi	.25	1.78	.25		.15	.83				.01					.07	3.06	T.				.06	2.42		.05		.12				.16	.68	9.89
Eagle Gap[2]	Arkansas	.80	1.10			.04	.62			T.		.31		T.	T.			*	.05				1.02	.05			.73					.23	4.95
El Dorado	Ouachita			.09			.53	.02		.11						.02	1.95						1.27	.17				T.	.14			.16	4.46
Eleven Point[2]	White	.31	.92				.60			T.		.11																					....
Eureka Springs	White	1.85				T.	.20		.05		.85	.03								.18		1.35	.38	.27		.83					.20		6.19
Evening Shade[2]	White		1.55				.44	.01			.01					T.				.32		T.	.77	.34			.71	T.			.02	.28	4.45
Fayetteville	White	1.38				.63	.24		.05	T.	1.14	.04							T.	.37		1.05	.50	.21		.02	.12	T.			T.	.01	5.76
Fayetteville Exp. S	White	1.67	T.			.64	.23		.06	T.	.60	.08								.15		.98	.49	.34			.14	T.			.04	.07	5.49
Fordyce	Arkansas	1.00	1.00	.10		.12	.76			.13						.21	1.22		1.33			.04	4.60				.20			.19		.58	11.48
Forester[2]	Arkansas	1.67	T.			.68					.10	.15							T.			.20	.80				.25				.85	T.	4.70
Fort Smith[1]	Arkansas	.75				.81	.05		T.	T.	.49								.01			.49	.35								T.		2.95
Fort Smith W. Plant[2]	Arkansas	.44	.52				.93			.02		1.04								.05			.64	.62				.83					5.09
Fulton[2]	Red	T.	1.62	.04		.12	.35			T.		T.	T.			T.	T.			.12			2.53					.09				.06	4.93
Garland[2]	Red	T.		1.84		T.	.48										.35			T.			4.12	T.									6.79
Georgetown[2]	White		1.90				.60			.07		T.					.40			.32	.06		2.40	.58			.11	.20				.20	6.84
Gilbert[2]	White	.06	.92				.45	.03		.02		.44								T.			.50	.20			.40	.25			T.	T.	3.27
Glenwood[2]	Ouachita	.30	2.18	.48			.58										.08			.74		.58	2.02				.13						7.09
Grannis[2]	Red	1.04			.02		.85					.23			.05	.02	T.					.55	.03	T.		.02	T.					.05	2.86
Gravelly[2]	Arkansas	.43	1.61				.96	.02				.12								.02			.90	.03			.26	.02				.16	4.53
Gravette	Arkansas	1.40						.46	T.		T.	.64								.26		.85	.56	.46			1.50						6.13
Greenbrier[2]	Arkansas									T.													1.52	.32		T.	.15						....
Green Forest	White						.69	T.	T.	T.	T.	1.10								.26		.11	.46	.18			.32					T.	3.12
Green Mountain	White						T.		T.			T.							T.	T.		.72	T.				.12				.12		0.96
Greenwood[2]	Arkansas	.38	.20			.28																.63	.33			.42					T.		....
Harrison	White	.70	T.			.31		.38			.88	.32	T.								.41	.20					.38						3.08
Helena[2]	Mississippi		1.40	.19			.84	.02					T.				.51			.24			1.66	.90				.68				.72	7.16
Henderson[2]	White	.75					.47			.11	.10								T.			.32	.40	T.			.32				.18		2.65
Hope[2]	Red	.10	1.98	.01			.41			T.			T.			.03	.08			.11			4.03					.20				.08	7.03
Horatio[2]	Red		2.04			.04	.86			.05		.28					.02			.37			.55	.05								.18	4.44
Hot Springs	Ouachita	1.98	.59			.08	.35		.01			.03				T.			.01	.18		.85	1.27				.55				.06	.07	6.03
Huntsville[2]	White																																....
Huttig Lock 7, Dam 6[2]	Ouachita		1.67	.46			.85			.03						T.	1.02						.43	.17			T.	.29				.18	5.10
Index[2]	Red	*	1.50	T.			*	1.00								T.	*	.10		.45				2.25								.10	5.40
Jonesboro[2]	White		2.90				.61	T.		.01		.04					.11			.45	.43		2.19	.60			.08	.53	T.			1.04	8.99
Judsonia[2]	White																																....
Keo	White	1.82		.60		.07	.39	T.	.04							.15			.04	.03		.30	4.10				.18				.33		8.05
Lake City[2]	St. Francis	.91	1.94				.71			T.		.05											2.33	.29			.41				.40	.43	....
Lead Hill	White	.73				.33	.46		T.		1.03	T.										.34	.12				.31				.06		3.38
Little Rock[1]	Arkansas	1.65	T.			.28	.07		T.		T.	T.				.10	T.		.02	.13		1.75	1.09			.05	1.12				.10	.07	6.43
Lock & Dam No. 3[2]	White		1.58				.39	.01				.07								.38			.99	.22			.61	.11			T.	.07	4.43
Lurton[2]	White	.17	1.09				.61	.03		.05		.23					T.			.01		T.	.64	.41			.28	T.			.01	.12	3.65
Lutherville	Arkansas	1.50				.41			T.		T.	T.							.11	T.		.64	.28	.12							.05		3.11
Madison[2]	St. Francis		2.40	.03			.90			.10			T.				1.40	T.		.30			2.70	.75			.20	.25				1.10	10.13
Magnolia	Red						.61			.16						.19	.55					.15	2.25								.11		....
Mammoth Spg[2]	White		1.02				.46					.26								.24			.54	.36			1.16	.28				.36	4.68
Marianna[2]	St. Francis			2.15	.12		.78	T.									.77				.08		2.22	.76			.01	T.				T.	6.89
Marked Tree[2]	St. Francis		2.60				.77	.07		T.		.11					1.12			.65	.03		1.75	.70			.10	.12	.02			1.12	9.16
Marshall[2]	White	1.10	T.			.12		.46	.04		.10	T.						T.				.54	.42				.18					.09	3.05
Marvell[2]	White	.63		.21			.92										.69		.31				2.61		.82								6.19
Melbourne[2]	White	1.05	T.			.40						T.							.20	.11			.70	.15	.30		.10						....
Mena[2]	Ouachita	.21	1.05			T.	.62	T.				.14				T.	T.			T.			.97	.04			.22					.23	3.48
Monticello[1]	Ouachita	2.21	.02	.18		.65	.07		T.							.48	.64	T.				.12	1.45			T.	.04				.53		6.39
Morobay[2]	Ouachita	.13	1.06	.12		.19	.53			.12						.03	.98						1.20				.09					.61	5.06
Morrilton[2]	Arkansas	.05	1.85				.43	T.										T.		.50			1.22	T.				T.				.10	4.15
Mountainburg	Arkansas	.96				.68			.28		1.11	T.							T.			.53	.46				.92						4.94
Mountain Home	White	.70				.10	.40				.85	.05										.60	.05										2.75
Mountain View[2]	White	*	1.23				.39	T.		.02		.14					T.			.32			1.12	.16									3.38

Daily Precipitation for March, 1948, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	2.53	.10	....	....	.65	....	....	....	....	....	....	....	....	....	.06	....	....	....	....	....	1.20	.60	T.	....	....	2.50	....	....	....	....	....	....
Mulberry[2]	Arkansas	.60	....	....	....	T.	.98	....	....	T.	....	....	.70	....	....	....	....	....	....	....	....	....	.75	.55	....	....	.40	....	....	....	T.	....	3.98
Nashville	Red	2.06	.03	....	....	.47	.03	....	.09	....	T.	.07	....	....	....	.04	....	....	T.	.28	T.	.98	.97	....	....	....	.20	....	....	....	.23	....	5.45
Newport[2]	White	....	2.45	....	....	....	.65	....	....	T.	....	.02	....	....	....	....	.02	....	....	.25	.12	....	2.12	.63	....	....	.02	.35	....	....	....	.30	6.93
Nimrod Dam[2]	Arkansas	.06	....	1.70	....	....	.55	....	....	T.	T.	....	T.	....	....	....	.04	....	....	.25	....	....	1.40	....	T.	....	T.	....	....	....	....	.20	4.20
Oark[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Odell[2]	Arkansas	.10	.41	....	....	.10	1.03	....	....	.13	.04	1.10	....	....	....	....	....	....	....	.40	....	....	1.18	1.06	....	....	.46	....	....	....	....	....	6.01
Oden	Ouachita	1.70	....	....	....	.94	....	....	....	....	....	....	....	....	....	T.	....	....	T.	.25	....	T.	.55	....	T.	T.	....	....	....	....	.22	.22	3.88
Okay	Red	1.48	.18	T.	....	.25	.15	....	.04	....	....	....	.10	....	....	T.	....	....	....	.20	....	.55	2.00	....	....	....	.15	....	....	....	.20	....	5.30
Osceola[2]	Mississippi	1.95	.21	....	....	.61	.17	....	T.	....	T.	....	....	....	....	....	1.12	....	.62	....	T.	.19	1.80	.33	....	....	.02	.45	T.	....	....	.78	8.25
Ozark[2]	Arkansas	.09	1.08	....	....	....	.84	.05	T.	....	....	.26	....	....	....	....	....	....	....	....	....	....	.56	.34	....	....	....	....	....	....	T.	T.	3.22
Paragould	St. Francis	.57	1.54	T.	....	....	....	....	....	....	....	....	....	....	....	.08	T.	....	.51	.13	....	....	2.34	.30	....	....	.39	....	....	....	.58	.95	....
Parkin[2]	St. Francis	....	2.45	....	....	....	.86	....	....	....	....	....	....	....	....	....	.96	T.	....	1.07	....	....	2.00	.80	....	....	.08	.75	....	....	....	.86	9.83
Parthenon[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville[2]	Arkansas	1.44	T.	....	....	.15	.45	....	....	T.	T.	.15	....	....	....	....	....	....	T.	.05	....	....	1.30	T.	....	....	.60	T.	....	....	....	.15	4.29
Pine Bluff[2]	Arkansas	....	1.19	.12	....	....	.63	T.	....	....	....	T.	T.	....	....	....	.53	....	....	.59	....	....	3.86	.44	....	....	.03	.19	....	....	....	.12	7.70
Pine Ridge[2]	Ouachita	.45	....	1.46	T.	.91	....	....	....	.14	....	....	....	....	....	....	.04	....	....	.11	....	....	.87	....	....	.06	....	....	....	....	....	.31	4.35
Pocahontas	White	.75	.52	....	....	....	.60	T.	....	....	....	.10	....	....	....	T.	....	....	.22	.03	.05	.18	.93	.42	....	....	1.17	....	.02	....	.33	....	5.32
Portland[2]	Ouachita	....	1.31	.47	....	....	T.	....	....	T.	....	....	....	....	....	T.	.10	1.23	....	....	....	....	....	.98	....	....	T.	.75	....	....	....	.50	5.34
Prescott[2]	Ouachita	....	.10	1.35	.02	.01	.50	.05	T.	.01	....	....	T.	....	....	T.	.15	....	....	.05	T.	T.	3.70	....	....	....	T.	.10	....	....	....	.03	6.07
Ratcliff[2]	Arkansas	1.44	....	....	....	.49	.71	....	....	....	.10	....	....	....	....	....	....	....	....	....	....	....	.82	.20	....	....	.76	....	....	....	....	....	....
Red Star	White	T.	.88	....	....	....	.69	....	.50	....	.56	....	....	....	....	....	....	....	....	.03	....	....	....	....	....	....	....	....	....	....	....	....	....
Rogers	White	1.61	....	....	....	.53	.39	....	.08	....	.93	.04	....	....	....	....	....	....	....	.42	....	.66	.38	.42	....	....	.36	T.	....	....	.10	....	5.92
Russellville	Arkansas	1.42	.28	....	....	.82	....	....	....	....	....	....	....	T.	....	....	....	....	.09	....	....	.47	.26	....	....	....	.10	....	....	....	....	....	3.44
St. Charles[2]	White	T.	T.	.17	T.	....	.95	T.	....	....	....	....	....	T.	....	....	.30	T.	....	.09	....	....	2.48	.46	T.	....	....	.11	....	....	....	1.37	5.93
St. Francis[2]	St. Francis	....	1.31	....	....	....	.53	....	....	....	....	.12	....	....	....	....	....	....	....	.17	....	....	1.45	.85	....	....	2.26	.95	....	....	....	.82	8.46
Searcy[2]	White	*	3.75	....	....	T.	.49	....	....	.02	....	.06	....	....	....	.15	....	....	*	.49	.04	T.	2.01	.64	....	....	.02	1.11	....	....	T.	1.01	9.79
Sheridan	Ouachita	1.25	.60	....	....	.06	.22	....	....	.09	....	T.	....	....	....	.11	.02	....	.02	.12	....	....	4.02	....	....	....	.48	....	....	....	.36	.18	7.53
Shirley[2]	White	1.46	.21	....	....	T.	.56	....	T.	....	....	T.	....	....	....	T.	....	....	....	.04	.44	.59	.60	.05	....	....	.26	....	....	....	.07	.05	4.33
Siloam Springs	White	1.59	....	....	....	.23	.32	T.	.12	....	.64	.01	....	....	....	....	....	....	T.	.59	....	.80	.59	.49	....	T.	.43	....	....	....	.02	.03	5.86
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve[2]	Arkansas	1.49	....	....	....	.62	....	....	....	....	....	T.	....	....	....	....	....	....	....	....	....	....	....	....	.25	....	....	1.05	....	....	....	.51	3.92
Story[2]	Ouachita	*	2.05	....	....	.37	....	....	....	....	....	....	.11	....	....	....	.09	....	....	....	.44	....	1.02	....	....	....	T.	T.	....	....	....	.41	4.49
Stuttgart[2]	Arkansas	*	1.20	.08	....	.85	T.	....	....	....	....	T.	....	....	....	....	....	.45	....	.17	....	3.50	.39	....	....	....	....	....	....	....	....	....	6.64
Stuttgart Evap[2]	Arkansas	....	1.38	.07	....	....	.90	....	....	....	....	....	....	....	....	....	.52	....	....	.09	....	....	3.10	.52	....	....	....	T.	....	....	....	.96	7.54
Subiaco[2]	Arkansas	1.17	....	....	T.	.77	T.	....	T.	....	.13	T.	....	....	....	....	....	....	....	....	....	.65	.15	....	....	....	T.	....	....	....	.25	....	3.12
Sugar Grove[2]	Arkansas	.45	.68	....	....	T.	.80	....	....	T.	....	.28	....	....	T.	....	....	....	....	T.	....	T.	.80	.05	....	....	....	.03	....	....	....	....	3.09
Sugar Loaf Mt[2]	White	....	1.59	....	....	....	.41	.03	....	T.	T.	.04	T.	....	....	....	....	....	....	.47	....	....	1.22	.22	....	....	.10	.03	....	....	....	.15	4.26
Texarkana[3]	Red	1.86	.05	....	....	.39	.01	....	T.	T.	.06	.01	....	....	....	.05	.01	....	....	.07	....	1.82	1.17	....	....	T.	.12	....	....	....	.05	....	5.67
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	1.23	.07	....	....	.22	.61	....	.06	....	.10	.08	....	....	....	....	....	....	.07	....	....	.52	.22	....	....	....	.90	....	....	....	.10	....	4.18
Viola[2]	White	.04	.80	....	....	....	.51	T.	....	....	....	.40	....	....	....	....	....	....	.10	....	....	....	.73	....	....	....	....	....	....	....	....	.10	2.68
Waldron[2]	Arkansas	1.18	T.	....	....	.32	.23	....	T.	....	T.	.10	....	....	....	T.	....	....	T.	....	....	.40	.45	....	....	....	.25	....	....	....	T.	....	2.93
Walnut Grove	White	.82	.73	T.	....	....	....	.62	T.	....	....	....	.10	....	....	....	....	....	....	.12	.18	T.	1.65	.52	T.	....	....	....	T.	....	.28	.11	5.13
Warren	Ouachita	.78	2.08	.17	....	.36	.23	....	....	T.	....	T.	....	....	....	.05	1.80	....	T.	....	....	T	1.93	....	....	T.	....	....	....	....	.42	.64	8.46
Whitecliffs[2]	Red	....	1.85	....	....	T.	.80	T.	....	....	.10	T.	....	....	....	....	....	....	....	T.	....	....	2.35	....	....	....	....	....	.40	....	....	....	5.50
White Rock	Arkansas	.97	.03	....	....	.62	.24	....	.06	....	.69	.08	....	....	....	....	....	....	.10	.05	....	.61	.58	.25	....	....	....	.69	....	....	.07	T.	5.04
Wilson[2]	Mississippi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne	St. Francis	2.51	....	....	....	.02	.60	....	.02	....	T.	T.	....	....	....	.89	.66	....	.80	....	.29	....	2.52	.16	....	....	.50	.29	....	....	.40	.15	9.81
Yellville[2]	White	.69	T.	....	....	....	.59	....	....	....	....	.30	.15	....	....	....	....	....	....	....	....	....	.22	.48	....	....	....	.29	....	....	....	.55	3.27

Daily Evaporation (inches), and Wind Movement (miles) for March, 1948

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	117	78	182	120	72	35	98	279	164	32	95	172	63	159	90	62	158	168	208	124	179	82	65	193	249	124	154	269	165	....
Hope Exp. Farm	Evap.	.343	.270	.160	.171	.103	.038	*	.143	.075	.085	*	*	*	*	.343	.089	.228	.130	*	.215	....	....	.153	.200	.172	.058	.403	*	.329	.214	.157	4.366
	Wind move	128	67	56	89	155	63	*	76	83	70	83	73	17	*	93	49	17	87	*	145	*	151	88	58	24	80	117	*	119	97	76	2,161
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	38	23	17	94	84	7	16	48	11	28	40	62	29	51	91	48	55	20	98	87	97	72	122	69	31	91	251	71	55	102	90	1,998
Norfork Dam	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	57	37	72	73	74	51	32	38	21	55	22	81	47	17	140	92	81	26	125	81	131	69	98	46	50	128	174	74	49	173	75	2,289
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart Rice Exp. Farm	Evap.	....	.047	.086	.121	.064	*	*	.154	.086	.083	....	....	....	....	....	.031	.114	.101	.099	.174	.179	....	....	.102	.121	.176	.143	.115	.108	*	.232	3.149
	Wind move	80	85	75	125	125	80	50	20	70	80	90	50	20	20	140	150	50	35	90	170	130	130	125	65	15	130	160	130	50	*	330	2,870

PRECIPITATION

The average precipitation for March, 1948, was 5.72 inches, 0.96 inch above the 59-year average. The precipitation for the month ranged from a total of 0.96 inch at Green Mountain, to 11.48 inches at Fordyce. The rains, as mentioned before, were well distributed, and occurred on an average of 10 days during the month. This is two days above the 50-year average. The heaviest 24 hour rainfall was 4.60 inches, at Fordyce on the 22nd.

TORNADOES

A small tornado, apparently originating in Hughes County, Oklahoma about 8:30 P.M. on March 25, moved into Crawford and Washington Counties, in Arkansas shortly before midnight of March 25. Damages repoted from this tornado totaled about $14,000. Three homes were destroyed, as well as two barns. At about the same time this tornado struck, severe thunderstorms were also reported at Booneville and Caulkesville in Logan County. Total damages in that area are estimated at $5,000. Thunderstorms occurred over central Arkansas on March 30, causing damage of about $5,000 at Arkadelphia and near Little Rock. No injuries were reported in any of these storms.

ADDENDUM

The zero of the river gage at Morrilton was lowered ten feet on April 7, 1948. This will result in all readings in the future being ten feet higher than comparable readings in the past. For example: the crest of the 1927 flood on the old gage was 32 feet; on the corrected zero readings this flood would have read 42 feet. This correction was necessary to eliminate many below zero readings. The old flood stage was reported as 20 feet. Under the new zero, the flood stage will be 30 feet. The Morrilton river gage readings shown in this issue of the Climatological Data have been corrected to the new zero readings.

Daily Temperatures for March, 1948

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	56	52	53	49	42	50	58	57	55	53	44	42	56	65	65	70	64	70	82	80	75	68	70	70	80	78	70	62	70	67	77	62.9
	Minimum	41	44	32	30	31	37	29	28	36	36	16	13	14	39	53	45	39	46	60	50	50	51	45	46	40	61	38	34	35	54	52	39.5
Arkadelphia /	Maximum	65	52	65	60	50	45	48	64	48	59	57	35	42	60	72	66	77	71	82	85	85	80	71	76	81	83	80	54	61	75	75	65.3
	Minimum	46	45	36	33	33	36	29	29	35	38	25	17	17	20	31	56	39	42	53	59	68	67	45	44	45	53	40	37	31	32	50	39.7
Ashdown /	Maximum	47	55	55	48	38	49	57	45	55	53	30	38	50	62	70	76	68	79	82	80	73	65	74	79	79	78	56	59	72	80	81	62.4
	Minimum	38	34	34	32	33	29	31	38	39	18	13	13	24	37	49	37	42	55	58	68	55	47	42	52	59	41	38	34	45	47	51	39.8
Batesville Air	Maximum	49	61	47	39	43	48	58	44	50	43	31	40	51	62	64	65	63	66	82	81	77	61	64	73	76	77	46	59	70	60	71	58.7
	Minimum	38	40	32	31	32	35	28	29	38	21	17	13	17	36	55	46	37	45	55	55	57	48	45	42	49	51	37	32	41	54	52	39.0
Batesville, Livestk /	Maximum	51	58	60	47	39	44	52	58	42	52	42	31	41	53	65	64	66	64	71	82	82	83	77	61	74	79	77	58	69	69	68	60.6
	Minimum	37	37	32	30	27	35	25	25	35	30	13	9	14	35	47	50	37	44	54	54	69	70	43	43	43	60	37	28	34	38	49	38.2
Bee Branch	Maximum	55	66	66	48	42	44	57	52	53	52	35	42	51	61	65	67	64	61	80	80	79	60	68	74	76	75	45	55	71	69	73	60.8
	Minimum	39	44	32	30	29	36	26	28	34	34	13	11	17	28	52	47	40	46	55	55	58	55	43	41	47	62	37	32	31	51	53	38.9
Benton /	Maximum	59	53	60	55	42	45	58	63	48	55	51	32	44	61	70	65	74	66	77	82	83	79	66	73	82	81	79	57	60	71	68	63.2
	Minimum	41	41	31	30	31	35	37	27	34	35	18	13	13	19	38	54	33	31	52	52	51	55	41	39	44	50	44	38	34	27	49	36.7
Bentonville /	Maximum	59	51	38	38	44	33	....	46	32	44	25	19	33	47	63	70	60	59	69	76	76	67	57	68	75	77	69	36	57	71	69	54.3
	Minimum	34	35	28	26	26	28	22	20	24	23	-4	-12	-8	12	42	36	27	33	49	46	54	44	35	38	45	53	29	23	30	48	49	30.2
Bethesda	Maximum	58	55	60	45	39	43	51	68	40	50	34	39	50	55	60	64	64	64	71	81	82	77	62	64	73	78	76	50	59	69	65	59.5
	Minimum	38	35	31	29	27	32	24	25	29	11	8	13	30	37	40	52	35	43	50	56	67	55	42	42	46	58	35	29	37	50	53	37.4
Blytheville	Maximum	51	63	55	45	50	48	58	53	47	45	35	36	50	66	64	64	64	70	72	83	82	82	60	61	70	82	80	45	54	66	63	60.1
	Minimum	40	45	38	31	33	40	34	31	40	34	20	16	23	33	53	57	40	49	59	64	62	58	42	42	45	60	40	32	38	46	54	41.9
Booneville	Maximum	55	48	54	51	44	43	54	50	57	53	37	44	61	67	74	72	63	65	85	82	77	65	71	82	82	79	66	60	74	78	75	63.5
	Minimum	41	37	31	30	33	35	27	27	37	37	10	10	17	32	59	47	33	51	59	52	58	50	45	39	54	66	37	34	34	58	52	39.7
Brinkley	Maximum	55	64	54	48	45	52	60	57	52	50	45	39	54	65	64	70	66	71	85	84	81	75	67	76	82	80	74	56	70	68	79	64.1
	Minimum	43	49	38	33	31	40	31	32	39	36	21	18	18	33	52	58	41	50	67	62	67	52	48	46	53	60	39	36	38	55	57	43.3
Camden	Maximum	64	62	62	60	48	46	47	65	61	60	57	32	45	58	68	68	78	71	83	83	84	80	71	74	80	85	88	55	60	71	72	65.7
	Minimum	51	50	40	31	35	38	33	33	38	38	26	20	21	26	40	55	43	44	57	65	67	55	48	50	53	56	44	38	39	42	57	43.0
Conway	Maximum	54	52	54	48	45	46	58	55	56	52	43	42	58	67	66	73	65	68	84	83	78	62	69	79	81	80	66	59	73	69	78	63.3
	Minimum	40	44	34	31	33	38	28	29	37	37	16	14	19	30	53	48	36	48	61	55	59	56	46	43	48	60	38	36	35	55	53	40.6
Corning	Maximum	52	52	66	44	46	44	48	56	48	46	40	32	39	51	56	66	67	66	72	83	84	80	68	58	72	78	78	48	56	67	61	58.8
	Minimum	42	42	36	32	32	36	30	28	32	32	17	14	17	29	36	48	36	38	44	56	66	58	46	45	46	56	38	31	39	46	48	38.6
Crossett	Maximum	74	74	63	58	46	54	66	61	61	62	58	45	62	71	68	83	79	80	85	86	85	81	77	81	78	81	76	60	71	71	77	70.1
	Minimum	52	....	43	37	38	42	30	33	40	40	29	20	17	27	56	65	46	56	71	68	65	57	43	43	49	68	48	39	31	54	65	45.7
Cummins Farm	Maximum	63	68	57	50	49	53	63	57	54	53	46	38	54	69	68	67	66	79	83	84	80	71	69	76	79	70	71	55	71	64	79	64.7
	Minimum	47	50	39	33	35	41	32	37	38	37	23	20	20	31	50	48	43	49	69	64	64	54	47	46	47	64	40	37	49	52	59	44.0
Dardanelle	Maximum	56	49	57	57	45	48	57	54	57	56	38	45	45	69	72	71	70	63	85	85	81	68	72	79	83	81	73	62	75	75	79	64.7
	Minimum	42	42	32	32	32	35	28	28	36	36	16	15	15	19	33	51	38	38	50	56	56	55	47	42	42	53	38	36	36	38	55	37.8
De Queen	Maximum	60	58	62	55	48	50	61	55	60	52	42	48	57	65	74	74	70	76	80	80	76	62	74	80	79	80	68	59	71	78	80	65.6
	Minimum	36	41	33	34	35	38	29	34	40	41	17	13	19	32	58	49	40	41	62	57	59	51	41	42	59	54	41	38	33	58	46	41.0
Des Arc	Maximum	57	55	59	52	39	47	43	58	43	51	41	30	39	52	55	65	70	64	73	85	83	82	63	62	75	80	79	48	53	70	66	59.3
	Minimum	44	41	39	34	35	36	32	35	36	38	21	18	20	31	42	51	40	41	52	61	62	57	44	42	52	55	40	37	37	41	52	40.8
Devil's Knob	Maximum	51	50	46	44	38	44	48	40	45	40	63	35	51	65	63	62	60	58	75	71	68	66	65	75	73	74	63	58	68	62	66	57.6
	Minimum	35	36	26	21	25	23	24	27	29	25	-1	12	27	29	51	45	38	45	52	52	60	43	35	50	53	54	27	21	36	47	48	35.3
Dumas	Maximum	66	70	61	51	47	55	61	57	57	54	47	40	59	70	69	77	68	80	85	85	84	72	73	79	81	82	70	56	70	67	68	66.5
	Minimum	48	53	45	34	35	43	34	35	40	36	25	20	20	32	50	58	44	52	70	68	64	56	40	47	51	65	43	37	46	54	55	45.2
El Dorado	Maximum	....	....	70	65	52	44	51	68	55	64	57	33	50	63	70	71	64	75	82	82	85	82	74	72	83	78	79	64	61	72	73	[b]66.9
	Minimum	....	....	40	37	36	40	32	33	39	38	28	20	21	21	40	58	47	47	59	69	66	58	47	50	54	58	44	39	37	41	52	[b]43.1
Eureka Springs	Maximum	49	48	36	42	38	33	45	41	41	39	21	39	53	64	70	67	62	71	76	81	73	58	68	76	78	72	38	58	70	68	62	56.0
	Minimum	37	35	29	26	29	31	26	22	29	13	-1	-1	21	41	56	37	35	48	60	55	57	43	37	44	54	38	31	24	43	54	50	35.6
Fayetteville	Maximum	53	51	43	46	37	36	48	39	46	40	22	37	52	64	70	64	64	70	77	80	74	58	69	78	78	71	54	58	72	71	67	57.7
	Minimum	39	33	30	27	30	31	25	25	29	12	-2	-5	9	40	55	37	30	50	60	52	56	38	37	37	58	53	30	27	41	54	50	35.1
Fayetteville Exp. S	Maximum	57	48	39	43	38	37	46	40	44	41	17	37	50	63	70	66	63	69	76	79	73	58	67	75	76	72	58	59	69	70	67	57.0
	Minimum	37	34	30	28	29	31	25	25	28	15	-3	-11	5	38	51	37	29	48	60	50	58	43	37	38	57	57	32	26	40	54	50	34.8
Fordyce	Maximum	76	77	60	58	42	49	64	56	60	56	52	47	61	70	67	77	79	80	85	84	83	81	75	80	82	77	75	70	76	74	82	69.5
	Minimum	48	55	37	34	35	40	30	35	37	36	23	17	22	37	55	57	....	50	65	57	56	56	50	48	49	65	41	37	45	44	54	[a]43.8
Fort Smith	Maximum	48	48	52	48	38	41	53	39	54	44	25	36	56	67	75	65	64	74	82	84	76	57	69	82	83	76	44	57	75	80	73	60.1
	Minimum	44	37	34	32	35	31	30	30	28	17	7	9	19	35	60	44	36	50	56	54	54	45	47	44	53	42	38	35	34	55	51	38.3
Gilbert /	Maximum	59	51	50	43	44	40	48	57	35	50	36	22	41	57	68	71	64	66	75	84	82	74	63	69	78	79	81	41	64	74	68	59.2
	Minimum	30	39	34	30	23	32	25	22	24	33	9	2	6	12	48	40	28	30	43	43	46	53	43	38	40	48	36	25	31	49	47	32.5
Grannis /	Maximum	52	55	52	52	39	48	62	47	60	51	30	47	57	65	72	70	65	72	80	78	68	60	73	78	79	79	50	61	70	74	79	62.1
	Minimum	38	31	30	30	32	28	34	34	37	12	12	16	30	42	42	40	45	52	56	59	51	38	45	51	51	37	34	31	42	46	45	37.8
Gravette	Maximum	60	49	38	43	41	36	46	44	43	39	34	36	48	62	71	66	62	66	75	80	75	60	68	77	78	75	53	56	70	71	69	57.8
	Minimum	39	34	29	27	29	29	21	22	29	12	-4	-14	5	38	55	35	30	46	59	50	56	42	37	44	54	52	30	25	40	54	50	34.0
Green Mountain	Maximum	49	54	37	36	38	49	52	46	48	40	24	32	41	40	54	59	62	60	67	69	66	66	66	67	62	60	59	52	50	58	69	52.6
	Minimum	38	37	32	26	28	32	34	30	34	24	8	7	30	29	38	44	47	52	58	56	52	50	39	46	51	53	31	28	37	47	44	37.5
Harrison	Maximum	55	45	38	43	37	45	50	43	45	41	23	36	52	63	70	66	63	70	80	82	76	60	65	77	75	76	60	60	72	69	69	58.3
	Minimum	34	33	27	24	25	29	22	20	26	15	0	-10	0	35	53	36	26	42	52	41	53	46	37	31	52	43	28	21	35	49	49	31.4
Helena	Maximum	57	68	65	57	53	53	58	58	52	51	46	38	57	50	65	69	68	65	73	82	82	82	59	65	74	78	80	49	55	68	65	62.6
	Minimum	46	49	40	34	34	40	36	37	40	38	23	20	20	31	39	54	41	43	52	65	67	58	50	47	48	51	42	38	38	40	54	42.4
Hope /	Maximum	63	53	58	58	48	42	49	63	47	57	61	32	45	59	67	67	76	68	79	82	82	76	67	73	80	78	79	55	59	70	78	63.6
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hot Springs	Maximum	55	57	60	57	42	46	64	60	60	55	47	48	58	70	66	74	71	76	81	82	77	68	74	80	81	79	76	61	72	72	79	66.1
	Minimum	43	44	32	30	31	37	34	32	35	38	19	14	22	40	54	55	41	50	60	64	58	56	44	48	55	62	38	34	41	55	58	42.7
Jonesboro	Maximum	54	61	54	37	46	48	58	46	47	44	30	37	50	64	64	66	65	71	82	82	79	69	61	71	78	80	67	55	68	61	72	60.4
	Minimum	39	39	35	31	30	31	31	29	30	34	18	16	16	23	39	55	39	41	39	61	67	56	44	45	47	50	38	31	33	42	53	38.1
Keo	Maximum	55	62	55	48	47	48	60	58	54	53	43	40	54	69	65	74	66	78	85	83	82	64	68	75	80	80	67	57	72	68	71	63.9
	Minimum	43	48	36	33	33	40	33	30	38	37	22	18	21	30	51	58	39	48	64	62	60	56	47	46	52	65	39	37	35	53	56	42.9
Lead Hill	Maximum	49	47	40	42	35	37	50	40	45	40	26	40	52	65	72	69	63	72	80	84	75	62	68	78	80	80	60	60	65	65	60	58.1
	Minimum	42	37	32	29	26	27	25	22	30	16	4	-14	-3	24	59	42	28	38	55	42	58	48	42	34	45	51	33	23	42	53	51	33.6
Little Rock	Maximum	53	58	53	40	45	45	59	45	53	47	31	40	51	68	65	72	64	73	84	83	80	64	68	74	79	78	52	55	72	70	75	61.2
	Minimum	44	43	36	34	35	35	30	35	39	27	19	17	21	35	57	53	45	50	62	61	59	50	48	49	52	52	40	38	40	56	55	42.5
Lutherville	Maximum	52	50	51	50	45	45	53	41	54	46	32	41	54	66	70	67	63	57	80	82	72	69	68	76	78	79	54	55	74	71	73	60.3
	Minimum	41	38	29	29	31	32	25	29	34	26	10	9	13	31	54	50	39	48	55	54	58	47	41	44	50	53	34	31	32	51	49	37.6
Magnolia	Maximum	....	....	....	....	....	46	67	64	61	63	59	45	60	69	69	78	76	82	84	82	80	72	75	81	78	81	76	60	71	74	83	[c]70.6
	Minimum	....	....	....	....	....	40	30	40	38	38	25	18	22	37	57	63	47	55	71	69	65	57	46	49	56	68	42	38	36	56	61	[c]47.1
Mammoth Spring	Maximum	64	48	55	49	43	45	43	49	40	46	40	28	40	43	65	64	68	69	72	82	83	76	75	76	73	75	69	44	49	50	70	57.8
	Minimum	30	35	34	27	28	30	28	24	33	32	10	6	9	18	22	40	33	37	30	45	66	59	43	40	45	39	32	25	26	30	29	31.8
Marianna /	Maximum	58	64	57	42	50	51	58	50	50	49	38	37	53	63	68	68	63	74	82	81	80	70	64	74	77	80	69	54	66	65	76	62.3
	Minimum	47	41	40	33	24	37	34	35	37	36	23	21	21	30	41	56	41	48	54	67	66	57	29	45	52	61	38	36	36	45	49	41.3
Marked Tree /	Maximum	55	55	64	50	40	48	48	59	46	47	45	30	38	50	66	64	66	65	71	85	83	82	61	64	73	76	81	50	58	69	62	59.7
	Minimum	40	42	39	31	30	31	30	31	34	33	20	17	18	19	44	54	40	45	49	61	66	56	46	45	48	54	40	34	37	44	53	39.7
Marshall /	Maximum	52	54	41	40	35	46	52	49	48	44	25	35	54	65	66	66	60	65	81	80	75	59	65	75	70	78	38	75	68	65	60	57.6
	Minimum	37	40	32	29	29	35	28	24	31	23	7	5	16	39	56	49	32	49	56	59	58	48	40	42	58	60	34	36	43	52	51	38.6
Mena	Maximum	55	53	54	51	43	48	61	49	60	53	33	47	61	66	72	69	64	69	83	81	73	62	74	81	83	79	62	64	72	75	77	63.7
	Minimum	42	37	31	29	30	34	30	29	37	33	12	10	21	38	55	49	37	50	63	56	57	49	39	41	51	62	36	32	37	55	47	39.6
Monticello	Maximum	68	70	57	45	48	54	64	52	57	57	35	40	58	69	71	80	69	80	84	84	82	62	72	78	79	80	61	58	70	68	77	65.5
	Minimum	49	46	40	34	36	40	30	40	40	34	22	20	22	36	54	55	48	54	70	69	61	52	47	52	56	59	41	38	36	54	59	45.0
Morrilton /	Maximum	58	49	49	52	43	44	47	55	43	55	47	35	42	59	70	69	69	64	73	83	83	74	66	69	78	80	80	47	59	73	70	60.8
	Minimum	43	43	34	31	33	35	30	31	32	38	18	15	15	23	35	53	40	37	49	57	61	57	49	48	49	54	39	36	34	34	51	38.8
Mountain Home	Maximum	51	47	40	40	37	45	50	43	47	40	25	35	50	65	69	64	64	67	83	86	80	61	65	77	78	81	58	59	73	68	59	58.3
	Minimum	37	37	33	29	28	36	24	22	31	20	8	-2	7	29	56	41	31	42	55	51	54	50	41	40	47	55	34	27	34	51	41	35.1
Mt. Ida	Maximum	54	55	55	52	44	62	56	42	52	47	42	44	60	71	69	72	66	73	84	86	78	62	77	79	81	81	....	....	....	....	....	....
	Minimum	42	41	27	27	29	23	28	32	38	36	14	9	11	42	41	41	29	46	52	53	47	47	46	40	36	62	....	....	....	....	....	....
Nashville	Maximum	56	56	59	51	49	51	62	51	58	56	50	48	57	69	68	75	67	79	81	81	72	62	73	79	80	78	65	57	72	78	80	65.2
	Minimum	47	43	36	33	34	39	29	36	38	40	21	15	20	28	55	50	40	54	59	56	58	53	43	45	50	62	40	38	31	57	49	41.9
Newport	Maximum	56	62	52	40	46	50	61	47	50	45	38	42	51	65	63	69	65	72	84	83	81	70	64	76	81	79	67	58	70	60	75	62.0
	Minimum	42	41	38	33	33	35	31	33	35	36	20	11	17	23	35	57	39	40	50	58	62	59	47	45	47	50	40	35	37	55	57	40.0
Nimrod Dam /	Maximum	71	48	50	55	48	40	48	58	45	58	52	35	43	53	68	70	72	66	75	83	82	71	68	72	80	82	83	52	63	74	72	62.5
	Minimum	40	40	31	30	30	34	27	26	29	33	18	12	13	16	39	46	29	38	49	49	70	55	46	39	39	53	38	39	29	47	50	36.6
Oden	Maximum	58	51	37	51	60	54	53	45	60	53	34	48	....	68	70	65	76	81	81	....	64	70	67	68	....	56	54	61	60	55	67	[c]59.5
	Minimum	32	31	31	30	28	47	32	37	38	34	12	10	....	48	57	35	50	55	54	....	....	....	44	50	34	33	29	28	36	37	41	[d]36.8

Daily Temperatures for March, 1948, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	78	66	68	63	49	57	....	....	....	....	....	....	....	....	....	....	....	75	82	81	78	66	75	80	80	80	77	60	73	82	82	....
	Minimum	48	46	37	34	34	40	31	36	37	38	21	16	21	30	38	39	41	45	59	68	60	57	47	44	55	62	42	39	35	58	53	42.3
Ozark	Maximum	60	50	45	53	50	38	45	54	59	55	45	30	41	55	69	72	67	65	74	82	83	72	62	72	79	81	79	44	57	76	75	60.9
	Minimum	40	43	30	30	30	35	28	27	30	38	10	10	12	19	32	47	35	36	53	53	53	53	43	41	43	52	38	34	31	33	53	35.9
Paragould	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville	Maximum	53	52	53	53	43	46	58	49	55	48	49	43	60	68	70	71	65	65	68	89	84	70	71	80	82	74	63	62	72	74	78	63.5
	Minimum	41	42	31	30	31	37	27	26	35	14	15	14	15	26	56	43	32	46	49	51	49	51	44	39	47	32	39	35	29	38	50	35.9
Pine Bluff	Maximum	60	56	68	56	44	48	51	64	50	51	53	28	41	56	72	68	74	69	81	86	85	82	66	74	77	83	78	53	57	73	67	63.6
	Minimum	46	47	39	35	35	37	33	36	38	39	24	21	21	22	44	57	45	46	54	69	68	56	49	48	49	56	42	38	39	41	56	42.9
Pocahontas	Maximum	52	62	51	42	45	46	55	53	48	46	33	41	49	63	63	67	66	69	84	82	79	65	60	73	77	77	72	67	68	65	71	61.0
	Minimum	39	44	36	32	30	40	28	27	37	32	17	12	17	28	54	48	35	42	56	52	64	57	44	43	48	58	38	30	37	51	55	39.7
Portland	Maximum	70	76	68	53	47	50	62	55	50	50	50	35	41	60	68	72	83	82	72	82	87	84	78	75	78	78	75	65	56	68	65	65.6
	Minimum	52	54	43	36	37	44	40	42	40	38	29	24	24	25	56	58	49	57	60	68	69	69	48	48	50	55	47	40	38	40	50	46.1
Prescott	Maximum	63	52	60	58	49	42	49	62	48	57	59	32	46	58	68	67	77	68	80	84	82	75	67	75	80	80	79	57	60	72	75	63.9
	Minimum	47	47	37	32	32	25	30	30	38	38	22	17	17	22	37	56	45	45	55	65	67	56	45	45	47	54	41	38	38	38	54	40.6
Rogers	Maximum	50	45	38	42	35	34	47	35	35	....	18	34	51	63	71	67	63	70	77	81	75	55	68	77	77	73	55	58	71	69	65	[a]56.6
	Minimum	38	33	28	28	28	30	23	28	28	14	−4	−6	10	36	55	52	30	46	59	48	55	42	35	40	51	55	30	25	38	52	55	34.9
Russellville	Maximum	56	48	55	54	43	48	56	52	58	56	36	44	57	68	71	70	64	63	83	83	76	66	71	78	81	81	66	59	74	72	77	63.4
	Minimum	43	41	31	31	34	28	27	28	36	36	15	14	19	29	53	51	35	49	60	53	60	53	46	41	50	66	39	36	31	55	56	40.2
St. Charles /	Maximum	73	59	66	58	50	52	53	60	50	54	50	29	41	54	67	71	71	62	77	82	83	81	61	67	72	79	81	49	57	70	68	62.8
	Minimum	49	47	40	34	35	34	34	38	41	38	25	22	23	36	46	56	42	47	57	68	67	56	50	48	53	55	41	37	41	48	56	44.0
Searcy	Maximum	65	57	53	40	45	48	60	52	51	46	42	43	55	63	64	70	65	72	84	83	79	64	67	78	82	78	65	58	72	63	78	62.6
	Minimum	40	48	35	32	34	40	29	31	39	38	19	16	20	29	54	57	41	49	60	57	59	53	46	45	49	60	40	35	34	50	58	41.8
Sheridan	Maximum	54	61	55	48	45	46	62	52	54	51	44	41	57	67	70	75	66	77	85	84	80	67	72	78	80	80	74	60	72	66	79	64.6
	Minimum	43	46	46	32	33	39	28	31	36	35	20	14	17	34	44	60	38	47	62	62	64	56	46	45	51	50	39	35	35	55	55	41.9
Siloam Springs	Maximum	....	....	....	....	....	....	....	43	46	43	19	40	49	64	71	67	62	67	76	81	75	60	70	77	77	73	55	56	72	73	72	[g]62.0
	Minimum	40	35	31	29	33	32	25	26	32	15	−4	−7	4	39	56	37	29	47	59	49	58	40	38	43	57	55	32	27	41	41	52	35.2
Stuttgart	Maximum	66	55	53	49	48	54	60	56	52	52	48	38	37	53	67	66	70	77	84	83	80	64	68	75	80	79	79	48	55	70	65	62.3
	Minimum	44	50	38	34	34	42	34	34	41	37	23	20	22	23	40	54	44	45	67	66	55	48	48	47	64	40	40	38	38	38	58	42.1
Stuttgart Evap. /	Maximum	56	57	64	53	42	48	60	58	49	52	51	28	39	53	67	67	70	65	76	82	82	80	67	65	75	78	79	48	54	....	68	[a]61.1
	Minimum	47	47	40	35	35	41	38	32	38	38	25	21	23	31	38	55	45	45	54	66	65	57	48	48	54	60	40	38	37	....	43	[a]42.8
Subiaco	Maximum	56	46	50	50	45	44	50	50	55	54	35	38	57	67	71	72	67	65	81	80	77	60	68	76	77	77	67	54	72	71	71	61.4
	Minimum	40	38	30	29	31	35	21	29	35	34	12	12	20	32	59	49	39	49	57	57	58	49	45	42	53	63	36	34	32	53	54	39.6
Texarkana	Maximum	58	55	59	51	44	50	64	49	57	57	33	44	58	69	68	75	69	79	82	81	77	66	75	80	77	79	57	58	70	80	82	64.6
	Minimum	50	45	38	37	35	37	32	41	39	30	21	16	25	40	56	51	44	53	62	67	59	49	46	49	58	57	41	39	39	58	59	44.3
Turnpike	Maximum	50	49	44	38	30	41	45	45	44	39	24	41	52	61	63	62	61	57	75	79	70	54	65	72	74	75	60	54	69	62	65	55.5
	Minimum	34	21	27	23	27	29	29	24	27	19	2	5	26	37	47	48	40	46	48	59	53	42	36	48	51	49	29	25	36	46	49	34.9
Waldron	Maximum	58	48	53	50	43	43	54	52	58	53	33	41	60	63	74	71	63	65	83	82	76	64	72	81	81	89	71	63	73	75	74	63.4
	Minimum	41	37	44	29	32	32	25	26	36	32	9	9	16	30	58	43	31	49	60	50	58	49	44	36	35	56	34	37	31	57	47	37.8
Warren	Maximum	67	64	60	61	56	53	65	59	58	53	51	42	58	69	67	79	72	81	84	84	82	79	72	78	81	77	62	61	71	73	77	67.6
	Minimum	53	54	40	42	37	42	35	38	38	42	26	20	21	36	48	61	47	55	72	71	72	57	57	48	54	55	48	39	39	58	63	47.4
White Rock	Maximum	52	49	45	42	39	40	52	45	47	46	24	37	48	62	65	61	58	57	75	76	67	55	67	72	75	71	54	53	68	67	65	55.9
	Minimum	36	30	25	23	28	30	27	25	30	21	−2	5	22	36	51	45	40	47	54	59	53	38	35	50	54	53	27	23	36	48	47	35.4
Wilson	Maximum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Minimum	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wynne /	Maximum	46	57	62	61	48	50	59	50	48	45	42	37	50	63	64	68	63	69	83	82	80	75	64	75	80	80	72	53	68	65	77	62.5
	Minimum	42	44	39	32	34	41	31	32	39	35	21	20	22	34	52	57	40	51	50	67	70	56	48	45	53	64	45	35	38	53	56	43.4

Daily River Stages for March, 1948

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	13.0	15.5	16.0	14.7	13.3	13.1	12.6	13.0	12.0	10.2	....	9.3	8.5	8.8	9.8	11.6	10.6	9.5	8.7	8.6	7.6	9.7	12.4	16.4	16.2	15.0	15.1	14.4	13.5	11.5	10.2
Van Buren	do	22	13.7	16.3	17.5	15.9	14.2	14.2	13.7	14.0	12.9	11.2	....	10.2	9.5	9.5	10.5	12.6	11.6	10.3	9.6	9.4	8.4	10.4	13.4	17.6	17.6	16.5	16.6	15.8	14.2	12.9	11.4
Danville	Petit Jean	20	20.8	21.9	21.6	20.5	20.3	20.9	20.9	20.5	20.5	20.5	20.3	20.1	19.8	19.4	18.9	18.4	17.2	11.6	6.1	5.3	5.1	5.6	7.4	6.7	8.5	10.9	11.8	9.4	6.2	5.4	4.9
Ozark	Arkansas	22	10.2	11.0	12.1	12.3	10.6	10.4	10.2	9.8	9.6	8.2	8.0	7.0	6.5	5.9	6.2	8.0	8.4	7.4	6.9	5.7	5.6	6.9	8.0	12.0	13.3	12.6	12.2	11.7	11.1	9.7	7.8
Dardanelle	do.	22	14.0	14.9	16.0	15.8	14.3	13.1	12.5	12.2	11.1	10.6	8.9	8.4	8.4	7.8	7.6	8.2	10.0	9.8	8.7	7.7	7.3	7.3	8.2	11.3	15.2	15.4	14.6	14.5	13.6	12.8	11.1
Morrilton	do.	20	20.6	20.4	21.4	22.1	21.1	19.9	19.6	19.5	18.8	18.6	17.7	16.2	15.3	14.7	14.0	13.6	14.0	15.8	15.4	14.3	13.0	12.7	13.0	13.4	19.4	21.0	20.4	19.8	19.6	19.0	18.2
Little Rock	do.	23	13.1	13.2	13.6	14.3	13.8	12.6	12.0	11.7	11.1	10.6	10.0	8.8	8.0	7.5	7.0	6.7	6.9	7.9	7.8	6.9	6.2	5.9	6.1	6.6	9.0	11.9	12.0	11.5	11.0	10.4	9.7
Pine Bluff	do.	25	14.9	15.2	15.5	16.0	16.1	15.4	14.6	14.4	14.1	13.5	13.3	12.5	11.5	10.9	10.9	10.0	9.7	10.3	10.9	10.7	9.8	9.8	9.8	10.1	10.9	13.6	14.9	14.7	14.1	13.6	13.1
Gilbert	Buffalo	30	6.7	9.6	7.9	6.9	6.2	6.0	6.4	6.2	5.9	5.6	5.4	5.3	5.1	5.4	5.8	6.3	5.8	5.5	5.3	5.2	5.0	5.0	5.4	5.6	5.5	5.4	5.6	5.4	5.2	5.1	5.0
Black Rock	Black	14	11.1	13.5	14.6	14.2	13.4	12.8	12.9	12.7	12.2	11.7	11.3	10.9	10.4	9.9	9.5	9.1	9.0	8.8	8.7	8.4	8.0	8.1	9.5	10.0	9.9	10.0	13.3	14.0	13.7	13.5	13.4
Forsyth, Mo.	White	30	9.9	13.3	12.0	11.6	9.7	8.7	8.7	8.5	8.7	8.0	7.5	6.9	6.6	6.4	6.6	7.4	8.5	8.3	7.5	6.9	6.6	7.8	8.9	10.7	10.4	12.6	12.0	10.0	8.9	7.9	8.4
Cotter	do	21	8.3	12.3	14.2	12.3	11.4	9.6	9.3	9.2	8.4	8.7	8.8	7.0	6.5	6.4	6.9	7.2	7.4	8.1	8.0	7.4	6.6	6.3	6.6	7.7	10.2	10.2	13.5	12.1	9.9	8.2	7.7
Calico Rock	do	18	7.8	9.6	14.5	12.5	11.2	9.7	8.9	8.8	8.2	8.0	7.6	6.9	6.3	6.0	6.4	7.6	7.7	7.8	8.1	7.4	6.8	6.6	7.2	8.2	9.5	9.7	10.8	12.9	10.6	8.9	7.9
Lock 3	do	..	13.3	16.0	19.1	18.6	16.9	16.0	14.6	14.0	14.0	13.6	13.4	12.8	12.2	11.7	10.9	12.2	12.7	12.7	13.2	12.8	12.1	12.0	12.2	13.4	14.1	15.2	15.5	18.0	16.4	14.8	13.3
Batesville	do	23	14.4	18.4	20.8	21.3	19.1	17.9	16.2	15.3	15.4	14.7	14.4	13.7	12.9	12.3	11.3	12.7	13.5	13.4	14.0	13.8	12.9	13.1	13.2	14.2	15.0	15.8	17.1	19.7	18.6	16.4	14.7
Newport	do	26	18.0	19.0	20.9	22.8	23.2	23.0	22.4	21.5	20.8	20.0	19.3	18.4	17.4	16.3	15.3	14.4	14.8	14.8	15.0	15.1	14.7	14.3	15.5	16.1	16.8	17.6	18.6	19.6	21.1	20.9	20.2
Augusta	do	32	30.0	30.6	31.0	31.4	31.9	37.2	32.2	32.1	32.0	31.8	31.6	31.3	31.1	30.8	30.6	29.7	29.0	29.0	28.7	28.7	28.6	28.5	28.8	29.2	29.5	29.7	30.0	30.4	30.2	31.1	31.3
Sugar Loaf Mt.	Little Red	..	9.2	15.9	18.7	10.7	8.9	8.1	8.5	8.4	7.7	7.1	6.8	6.4	6.1	5.8	5.7	5.6	5.5	5.3	5.3	5.8	5.8	6.4	8.9	9.3	8.2	7.5	9.1	8.2	7.3	6.9	6.6
Georgetown	White	21	20.5	20.9	21.5	22.2	22.5	22.7	22.8	22.9	22.9	22.8	22.5	22.3	22.0	21.7	21.3	21.0	20.5	20.0	19.6	19.3	19.0	19.0	19.6	19.9	20.1	20.1	20.1	20.2	20.4	20.5	20.8
Des Arc	do	24	22.6	23.0	23.3	23.8	24.6	24.9	25.0	25.1	25.1	25.1	25.0	24.8	24.4	24.0	23.7	23.3	22.9	22.5	22.0	21.6	21.2	21.5	21.8	22.0	22.8	22.8	22.5	22.3	22.1	22.0	22.2
Clarendon	do	26	26.4	27.0	27.3	27.5	27.7	27.9	28.1	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.2	28.2	28.0	27.8	27.6	27.3	27.1	27.2	27.2	27.2	27.1	27.1	27.1	27.0	27.0	27.0	27.0
St. Charles	do	25	24.9	25.2	25.5	25.8	26.0	26.2	26.4	26.5	26.7	26.7	26.8	26.8	26.9	26.9	26.8	26.8	26.7	26.6	26.5	26.3	26.2	26.1	26.1	26.1	26.0	26.0	25.9	25.9	25.8	25.8	25.8
Glenwood	Caddo	..	6.3	9.2	7.6	6.8	6.8	6.9	6.8	6.7	6.3	6.0	6.0	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.8	5.8	5.8	6.8	6.7	6.4	6.0	5.9	5.9	5.8	5.8	5.8	5.8
Arkadelphia	Ouachita	17	14.6	20.8	23.2	19.7	13.6	12.3	11.8	11.4	11.2	9.8	9.5	7.8	7.6	7.2	6.0	7.2	7.2	7.1	7.0	7.2	6.6	12.2	16.5	12.4	9.4	9.3	10.1	11.4	7.7	7.5	9.1
Boughton	Little Mo.	20	16.4	16.8	19.6	20.6	18.6	15.7	14.7	13.7	12.6	10.8	9.9	8.4	8.1	8.0	8.0	7.9	7.7	7.6	7.5	7.4	7.5	7.6	18.8	19.2	17.6	15.5	12.7	10.0	9.2	8.5	8.0
Camden	Ouachita	26	31.2	32.6	33.3	34.0	34.6	35.2	35.3	34.6	33.5	32.3	31.0	29.5	27.7	25.3	22.8	20.7	19.3	18.7	18.0	17.2	16.5	17.4	25.6	30.8	33.4	34.3	34.0	33.0	31.9	30.6	28.2
Benton	Saline	20	9.3	21.6	16.6	10.6	9.3	8.7	8.4	8.2	7.9	7.4	7.0	7.0	6.9	6.7	6.6	6.4	6.3	6.2	6.0	6.0	6.8	12.6	14.6	10.4	9.0	8.7	13.7	10.9	8.8	8.3	8.0
Index	Red	25	16.3	16.8	17.2	16.8	16.5	15.8	15.2	14.9	14.2	13.2	13.0	12.8	12.7	12.6	12.6	12.6	11.2	11.0	9.3	9.3	9.3	10.0	11.0	11.2	11.4	11.3	11.0	10.9	10.8	9.5	9.2
Fulton	do	25	21.1	21.4	22.1	22.4	22.6	22.3	21.6	21.3	20.8	19.8	18.7	17.6	16.7	15.7	14.6	13.4	12.4	11.7	11.2	10.9	11.0	12.1	14.1	14.8	15.1	15.1	14.5	13.5	12.6	11.4	11.0
St. Francis	do	18	15.4	16.5	16.7	16.8	17.0	17.2	17.3	17.3	17.2	17.0	16.8	16.5	16.1	15.7	15.1	14.5	13.9	13.3	13.0	12.8	12.7	13.7	15.2	15.5	15.2	15.7	17.2	17.0	17.1	17.3	18.1
St. Francis L.L.	do	..	22.8	23.1	23.2	23.4	23.6	23.8	23.9	23.9	23.9	23.8	23.7	23.6	23.6	23.5	23.4	23.4	23.3	23.2	23.1	23.1	23.1	23.0	23.1	23.1	23.2	23.3	23.5	23.7	23.7	23.7	23.8
Marked Tree	do	17	9.6	11.4	12.0	11.7	11.2	11.0	11.0	10.8	10.4	9.9	9.3	8.8	8.2	7.9	7.6	8.0	8.0	7.8	8.0	8.0	8.0	8.3	10.0	10.5	10.6	10.6	10.1	9.8	9.3	8.8	8.8
Parkin	do	28	18.9	20.7	22.0	22.6	22.7	22.9	22.9	23.0	22.7	22.3	21.7	21.0	20.3	19.7	19.1	19.1	19.1	18.8	18.9	18.6	17.9	18.0	20.1	20.9	21.2	21.2	21.1	20.8	20.5	20.0	20.0
Madison	do	32	23.0	24.5	25.0	25.4	25.5	25.8	25.9	25.9	26.0	26.0	25.8	25.5	24.8	24.3	23.8	23.8	23.3	22.3	21.8	21.0	20.0	20.6	21.4	22.0	22.5	22.8	23.2	23.4	24.0	23.8	24.2
Helena	Mississippi	44	39.0	39.1	39.1	39.1	38.9	38.9	39.0	39.2	39.4	39.5	39.6	39.6	39.5	39.1	38.6	37.8	36.2	34.2	31.9	30.7	30.3	30.8	32.0	33.1	34.2	35.3	36.4	37.5	38.3	39.0	39.9
Arkansas City	do	42	31.7	32.3	32.6	32.7	33.0	33.3	33.3	33.4	33.5	33.7	33.7	33.8	33.7	33.6	33.4	33.1	32.6	31.7	30.6	29.7	28.8	28.5	28.6	29.1	29.6	30.3	31.3	32.2	32.8	33.3	33.8

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Boughton, Route 4. Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devils Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain, Calico Rock; Index, Route 5, Texarkana; Lutherville, Route 1. Lamar; Moro Bay, Route 3, El Dorado: Morrilton, Route 3. Morrilton; Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill: Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley; Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord; White Rock, Route 2, Winslow.

W.B.R.P.O , Fort Worth, Texas. 5-19-1948-1225

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

ARKANSAS SECTION

WALTER C. HICKMON

Vol. LIII   Little Rock, Ark.,   April, 1948   No. 4

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

April continued the trend of the first three months of the year by being out of the ordinary, and was the third warmest April of 68 years record. There were only nine days during the month that the temperatures were about normal or below. The warmest days of the month were the 7th, 18th, 19th and 27th. Several stations set individual high records for these days.

The sunshine for the month ranged from 25 to 30 per cent above normal, aiding in the above average temperature conditions. High pressure systems located along the Atlantic Coast kept a general southerly circulation of air over Arkansas most of the month. Cold air masses associated with "lows" moving northwest and north of Arkansas resulted in two general rain periods during the month-the 10th to the 13th, and 23rd to 26th. The weather attending these "lows" was relatively mild, and the month ended with a deficiency in rain.

Agricultural work made rapid progress during the month, since no general heavy rains hindered the work. The major portion of all planting was completed, and the crops were up to a good start by the end of the month. The month was too dry over the northwest counties, and crops were not developing properly.

Only minor floods occurred on the Ouachita, Black, White, and Petit Jean Rivers during the month. Damage was slight, and mostly delay in planting.

STORMS

Severe local thunderstorms occurred over the State during the evening of the 7th. The worst hit sections were at Pine Lake Camp, 10 miles south of Little Rock; Glenwood, in Pike County; Forrest City; and Round Pond, east of Forrest City.

Damage is estimated as follows: Pine Lake Section, 12 homes damaged, loss, $10,000. One person slightly injured; Glenwood, thunderstorms accompanied by hail as large as egg, damage to roofs and windows, $6,000; Forrest City, damage was mostly roofs and windows, plus one greenhouse, damage $20.000. "Donut" hail stones, about one inch in diameter, with holes in the center fell at Hot Springs for a few minutes, and caused slight damage.

A severe thunderstorm with heavy hail hit the south-central portion of the State on the afternoon of the 8th, causing damage of more than a million dollars. Union, Ouachita, Calhoun and Bradley Counties were the hardest hit, with El Dorado as the center of greatest damage. The hail damage at El Dorado alone was estimated at $1,000,000, with more than four thousand homes, and one thousand cars damaged. The hail was reported as large as "tennis balls", and some actual measurements were given as three and one-half inches in diameter. The hail at El Dorado began at 4:15 P.M., and fell from eight to sixteen minutes. Damaging hail was also reported in Johnsville, Smackover, and Stephens, with damage estimated at $100,000. Two persons were injured and several hundred chickens were reported killed.

Crop damage was negligible due to season.

Scattered thunderstorms with strong winds occurred again on the 12th over the State. During this time the Farmers Market Building at Bald Knob was levelled, and one person was killed

Summary Continued on Page 22

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	4	1	..	..	..	5	46	24	7	54	27	65	33	2	..	1	..	..	..	7	4	40	7	50	3	..	..	..	3	22	..
High Winds	8	1	2	8	6	7	20	10	8	11	30	40	15	2	1	1	5	11	15	6	3	4	15	11	12	2	1	4	..	8	..
Heavy Fog	1	..	..	..	..	2	1	1	..	4	..	..	4	6	4	..	..	..	..	..	..	..	2	..	8	7	4	..	..	1	..
Sleet	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hail	1	..	..	..	..	..	16	10	..	4	2	20	10	1	..	..	..	..	..	..	..	..	5	..	2	..	..	..	..	4	..
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.38	9	29.48	11	8.7	31	sw.	12	79	43	46	73	60
Little Rock	30.46	3	29.61	11	9.2	34	sw.	12	81	52	53	76	59
Memphis	30.48	3	29.64	11	8.7	30	s.	11	83	54	52	82	92
Texarkana	30.00	3	29.23	11	....	40	s.	25	81	49	49	..	42

COMPARATIVE DATA FOR APRIL

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	62.8	93	22	2.75	....	8	15	10	5
1892	61.4	97	27	6.98	0.0	10	12	9	9
1893	64.9	94	29	7.16	T.	8	11	10	9
1894	63.1	91	29	6.18	0.0	9	14	8	8
1895	63.1	98	30	1.99	T.	6	15	8	7
1896	67.8	94	24	3.65	0.0	5	12	12	6
1897	61 4	90	31	4.14	0.0	9	12	11	7
1898	59.2	93	19	3.09	0.0	8	14	8	8
1899	60.7	96	19	3.28	T.	7	10	11	9
1900	62.2	96	24	4.98	T.	10	10	12	8
1901	58.1	96	22	3.82	T.	6	14	8	8
1902	61.2	96	25	2.87	0.0	8	11	11	8
1903	60.6	91	26	1.86	T.	6	13	10	7
1904	56.8	89	24	3.88	T.	8	11	9	10
1905	61.1	96	25	6.29	T	11	9	10	11
1906	63.7	97	27	2.55	0.0	6	15	7	8
1907	54.9	89	24	5.44	0.0	9	10	7	13
1908	63.3	94	24	6.32	T.	12	9	9	12
1909	60.9	88	24	4.52	T.	8	15	7	8
1910	59.8	90	22	5.14	T.	9	12	9	9
1911	60.5	90	29	9.86	0.0	12	10	9	11
1912	61.9	93	26	8.14	T.	12	9	11	10
1913	61.2	94	27	4.91	0.0	6	17	6	7
1914	61.0	94	19	4.57	0.0	9	11	9	10
1915	64.3	96	19	2.96	T.	5	14	8	8
1916	59.9	92	24	3.65	T.	7	13	7	10
1917	60.4	90	23	5.69	T.	9	14	7	9
1918	59.6	96	25	7.63	0.0	9	14	6	10
1919	61.6	95	24	3.56	T.	7	14	6	10
1920	59.8	94	21	5.49	T.	9	14	7	9
1921	59.8	91	22	7.87	T.	9	14	6	10
1922	63.5	90	26	5 54	0.0	9	13	6	11
1923	61.4	95	23	6.30	0.0	11	14	7	9
1924	61.4	94	18	4.99	0.0	8	14	6	10
1925	67.4	98	28	2.62	0.0	6	14	9	7
1926	59.1	94	18	2.65	T.	7	15	6	9
1927	65.7	99	26	12.93	0.0	12	12	7	11
1928	57.3	87	22	8.52	T.	9	13	5	12
1929	64 0	92	29	5.69	T.	10	11	7	12
1930	64.9	96	27	1.41	0.0	6	16	7	7
1931	59.1	92	21	2 62	0.0	9	13	7	10
1932	63.8	92	28	2.85	0.0	7	16	7	7
1933	61.1	93	28	4.80	0.9	11	13	8	9
1934	62.7	90	29	3.51	0 0	8	14	8	8
1935	60.2	90	29	4.37	T.	9	10	7	13
1936	59.7	96	17	2.64	T.	6	15	7	8
1937	61.7	96	20	3.18	0.1	7	13	9	8
1938	62.1	94	24	4.83	0.1	8	14	7	9
1939	59 3	91	19	7.13	T.	8	13	8	9
1940	59.9	95	18	6.93	T	10	11	7	12
1941	63.7	94	32	5.04	0.0	10	10	10	10
1942	62.8	88	20	8.42	0.0	10	11	9	10
1943	62.9	95	25	3.20	0.0	7	15	8	7
1944	60.1	88	19	6 65	T.	10	10	9	11
1945	62.6	89	23	7.44	T.	13	8	11	11
1946	65.0	94	30	5.46	0.0	8	14	7	9
1947	61.9	89	26	5.74	0.0	9	10	8	12
1948	66.2	93	27	3.46	0.0	6	..	..	..
Period	61.7	99	17	5.00	T.	8	..	..	..

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Climatological Data for April, 1948

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	11	66.4	+ 4.8	89	26†	36	2	4.97	−2.43	1.97	13	0	6					L. R. Water Works
Arkadelphia	Clark	200	52	67.1	+ 4.7	90	8	37	2†	2.59	−2.64	1.11	13	0	5					W. H. Halliburton
Ashdown	Little River	329	4	66.6	......	90	8	35	1	3.94	......	1.70	12	0	5					Southwestern G. & E.
Batesville Airway	Independence	363	12	64.6	+ 5.3	88	16†	33	2	3.36	......	2.04	12	0	9					Airway Observer
Batesville Livestk.	Independence	500	7	^{b}65.4	......	89	17†	34	2	2.28	......	1.29	13	0	5					University of Arkansas
Bee Branch	Van Buren	650	55	65.1	+ 4.4	85	7†	33	2	3.82	−1.15	1.15	13	0	7					Minnie Scanlan
Benton	Saline	285	12	64.8	+ 4.3	88	28	34	2	3.71	......	1.15	13	0	8					Mrs. Etta C. Burks
Bentonville	Benton	1295	42	62.3	+ 4.6	86	28	31	14	1.18	−3.56	0.37	11	0	5					E. L. Brown
Bethesda***	Independence	500	8	64.0	......	88	28	33	2	2.55	......	1.28	13	0	4					Soil Cons. Service
Black Rock	Lawrence	259	46	....	......	......	......	......	......	2.41	−2.72	1.50	13	0	6					J. H. Ragan
Blytheville	Mississippi	252	22	65.5	+ 4.5	90	28	38	2	3.00	−1.47	1.45	13	0	6					R. E. Blaylock
Booneville 3 miles w	Logan	465	33	66.9	+ 4.7	91	7†	34	2	4.34	−0.45	2.03	10	0	7					F. H. Randolph
Brinkley	Monroe	205	56	67.6	+ 5.6	92	27	37	2	3.93	−1.53	2.00	13	0	6					Robert L. Glover
Camden	Ouachita	116	62	68.5	+ 5.1	93	28	37	2	4.73	−0.06	1.95	13	0	5					J. M. Knight
Camp Chaffee	Sebastian	419	4	^{b}65.2	......	92	8	34	2	2.89	......	1.58	10	0	5					U. S. Army
Clarendon	Monroe	172	43	....	......	......	......	......	......	3.46	−2.03	1.72	13	0	6					B. F. Northern
Conway	Faulkner	309	64	66.9	+ 4.7	90	27	35	2	4.03	−0.96	1.43	10	0	9					G. Y. Short
Corning	Clay	293	54	64.6	+ 4.6	90	28	38	3	3.21	−1.78	1.91	13	0	4					Mrs. Laura Polk
Cotter	Baxter	440	20	....	......	......	......	......	......	2.46	−1.70	0.64	24	0	7					O. B. McSpadden
Crossett 7 miles s	Ashley	175	35	68.5	+ 5.3	91	7	32	2	4.22	−0.41	2.25	13	0	4					U. S. Forest Service
Cummins Farm***	Lincoln	176	4	66.8	......	89	7	43	3†	3.30	......	2.70	13	0	5					T. C. Cogbill
Danville	Yell	327	31	....	......	......	......	......	......	4.56	−0.53	1.43	10	0	6					J. A. Moudy
Dardanelle	Yell	330	61	67.4	+ 4.8	91	27†	37	2†	6.05	+1.67	1.45	11	0	10					Geo. N. Goodier
DeQueen	Sevier	426	12	67.6	+ 4.3	88	7†	35	2	2.40	−3.62	0.75	13	0	4					L. D. McCown
Des Arc	Prairie	204	9	67.1	......	90	8	38	2	3.75	......	1.57	13	0	8					Z. R. Glenn
Devil's Knob***	Johnson	2350	11	^{a}65.8	......	86	19	35	1†	3.38	......	....	......	0	7					U. S. Forest Service
Dumas	Desha	162	42	68.5	+ 5.5	90	7†	38	2	3.14	−1.62	2.43	13	0	6					Ben Johnson
El Dorado	Union	270	47	69.6	+ 5.1	91	8†	39	2	4.59	−0.62	1.29	13	0	6					Airway Observer
Eureka Springs	Carroll	1465	47	65.7	+ 6.6	87	16	35	1†	1.71	−3.25	0.65	10	0	7					Geo. W. Nichoalds
Fayetteville	Washington	1334	10	65.9	......	88	26	34	2†	1.64	......	0.62	25	0	6					Charles F. Ford
Fayetteville Exp	Washington	1451	60	64.4	+ 5.5	85	17†	31	14	1.62	−3.04	0.65	25	0	6					University of Arkansas
Fordyce	Dallas	280	7	^{a}68.2	+ 4.6	91	7†	36	14	3.35	−2.10	1.75	13	0	3					Ark. Forestry Com.
Fort Smith	Sebastian	448	66	66.8	+ 5.0	91	7	37	2	1.67	−2.27	0.95	10	0	5					U. S. Weather Bureau
Fulton	Hempstead	260	62	....	......	......	......	......	......	3.51	−1.09	1.54	13	0	5					Ina J. Logan
Georgetown, 2 mi. se	White	200	35	....	......	......	......	......	......	4.67	−0.42	2.00	8	0	7					J. S. McDonald
Gilbert	Searcy	600	22	62.4	......	89	17†	27	2	2.28	−2.73	0.95	13	0	8					D. O. Dennis
Grannis	Polk	950	28	65.8	+ 5.4	88	8†	37	1	2.43	−3.39	0.92	13	0	6					W. E. McVay
Gravette	Benton	1250	50	64.8	+ 7.5	86	16†	29	14	1.80	−2.93	0.94	10	0	5					J. A. Schmidt
Green Mountain***	Stone	1100	10	68.6	......	86	7†	38	1	2.25	......	0.88	13	0	6					U. S. Forest Service
Harrison	Boone	1052	47	61.5	+ 3.7	88	7	29	2	1.60	−3.05	0.56	10	0	5					R. C. Beene
Helena	Phillips	300	75	66.4	+ 3.8	87	8	39	2	4.33	−1.24	1.28	13	0	7					James A. Burnett
Hope 3 miles e	Hempstead	375	77	67.2	+ 3.4	90	8	36	2	3.93	−1.38	1.42	13	0	4					Univ. of Arkansas
Hot Springs	Garland	600	55	69.2	+ 6.1	90	27	42	14	3.50	−2.53	1.19	13	0	7					National Park Service
Jonesboro	Craighead	345	52	64.2	+ 2.9	87	27	37	2	2.60	−1.97	1.00	13	0	7					Benedictine Sisters
Keo	Lonoke	....	..	67.5	......	90	7†	39	2	5.22	......	2.00	10	0	7					R. A. Waller
Lead Hill	Boone	650	41	62.3	+ 3.5	87	7†	29	2	1.89	−2.09	0.48	10	0	6					F. W. Kellogg
Little Rock	Pulaski	257	68	67.5	+ 5.4	89	7†	42	2	4.54	−0.65	2.53	10	0	7					U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	49	64.4	+ 4.2	88	7	38	2†	4.21	−0.73	1.15	10	0	8					Mrs. H. G. Lenhardt
Madison	St. Francis	209	17	....	......	......	......	......	......	4.66	+0.44	1.80	13	0	7					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	31	70.0	+ 5.1	92	8	38	2	2.88	−2.01	2.00	13	0	3					State Agri. School
Mammoth Spring	Fulton	600	43	^{a}62.3	+ 3.1	89	28	28	2	3.69	−1.39	1.22	13	0	6					L. A. O'Neal
Marianna	Lee	235	36	^{d}66.3	+ 3.8	86	27	37	2	6.09	+1.95	2.06	1	0	8					Univ. of Arkansas
Marked Tree	Poinsett	229	43	65.1	+ 4.4	90	7	35	2	5.46	−0.19	2.31	13	0	6					Chas. Walton
Marshall	Searcy	1050	29	64.9	+ 4.9	89	27	34	2	2.17	−3.81	1.10	13	0	6					Mrs. Minnie Horton
Mena	Polk	1207	59	66.9	+ 5.3	90	27	38	14	2.66	−2.92	0.95	13	0	6					E. W. St. John
Monticello	Drew	273	7	68.2	......	89	7	38	2	3.32	......	2.42	13	0	4					Airway Observer
Morrilton***	Conway	315	31	66.2	+ 4.5	91	28	40	2	4.99	+0.09	1.32	12	0	7					L. A. Dicus
Mountainburg	Crawford	712	10	....	......	......	......	......	......	2.82	......	1.74	10	0	4					C. A. Lovell
Mountain Home***	Baxter	800	35	63.9	+ 4.7	91	7	33	2	2.40	−2.24	0.45	10	0	7					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	48	^{d}64.2	+ 3.2	89	7†	30	3	....	......	....	......	......	....					J. S. Whittington
Nashville	Howard	350	9	67.2	......	89	10	36	2	2.70	......	1.49	13	0	4					Brice Carruth
Newport	Jackson	231	64	66.0	+ 4.3	92	27	37	2	3.03	−1.90	1.12	13	0	7					Willis T. Moyer
Nimrod Dam	Perry	475	6	66.4	......	93	28†	35	2	4.00	......	1.83	10	0	6					U. S. Engineers
Oden, 2 mi w	Montgomery	800	20	65.4	......	91	27	38	1	3.16	−2.78	1.40	12	0	4					U. S. Forest Service
Okay	Howard	288	19	^{a}69.2	+ 4.7	90	7†	37	2	3.72	−0.84	1.57	13	0	5					J. T. Hargis
Osceola	Mississippi	250	47	....	......	......	......	......	......	1.71	−2.77	0.76	8	0	4					C. E. Carter
Ozark	Franklin	396	52	65.1	+ 3.3	91	8	36	2	4.12	−0.49	1.30	10	0	6					Orkney O. Milton
Paragould	Greene	275	24	64.9	......	88	27†	34	2	2.15	−2.61	0.93	13	0	8					Jene J. Coffman
Parkin, 2 mi. w	Cross	222	17	....	......	......	......	......	......	3.84	−0.41	1.64	13	0	5					Carroll King
Perryville	Perry	325	8	65.4	+ 5.3	92	28	35	2†	6.10	+0.84	2.20	10	0	6					Gordon Bennett
Pine Bluff	Jefferson	215	60	69.2	+ 5.7	92	28	40	2	2.61	−2.82	1.32	13	0	7					Mary T. Scheu
Pine Ridge	Montgomery	840	23	....	......	......	......	......	......	3.23	−2.72	1.36	13	0	5					J. R. Huddleston
Pocahontas	Randolph	300	54	65.2	+ 5.0	90	27	33	2	2.93	−1.93	1.46	13	0	6					Benedictine Sisters
Portland	Ashley	122	41	67.4	+ 2.8	88	28	39	2	4.87	−0.10	2.00	9	0	4					Mrs. Pearl Newton
Prescott	Nevada	318	59	67.8	+ 4.0	90	8†	41	2	3.65	−1.47	1.33	13	0	5					R. P. Hamby
Rogers	Benton	1300	57	64.7	+ 6.0	86	16	33	14	1.79	−2.78	0.46	25	0	7					Howard Fowler
Russellville	Pope	526	35	....	......	......	......	......	......	....	......	....	......	......	....					U. S. Forest Service
St. Charles	Arkansas	175	14	67.7	......	89	28	39	2	3.76	......	1.48	13	0	6					U. S. Biological Survey
St. Francis	Clay	290	20	....	......	......	......	......	......	1.77	−3.00	1.22	13	0	5					Wm. S. Buckley
Searcy	White	245	37	66.7	+ 5.5	90	27	36	2	2.56	−2.28	1.21	13	0	9					Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	7	67.2	......	90	27	37	2	3.49	......	1.15	10	0	7					Ark. Forestry Com.
Siloam Springs	Benton	1150	7	65.1	......	87	19	30	14	2.53	......	1.68	10	0	5					John Brown Univ.
Story	Montgomery	650	23	....	......	......	......	......	......	2.85	−3.38	0.88	10	0	7					S. C. Story
Stuttgart	Arkansas	214	60	67.2	+ 4.9	86	8	40	2	6.96	+1.98	2.34	13	0	8					George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	12	66.6	+ 5.2	87	8†	39	2	5.13	+0.88	1.95	10	0	7					University of Ark.
Subiaco	Logan	750	49	66.4	+ 4.5	91	7	39	3†	5.76	+1.25	1.85	10	0	6					New Subiaco Abbey
Texarkana	Miller	332	63	68.6	+ 4.4	90	7	42	2	3.99	−0.95	1.49	13	0	4					U. S. Weather Bureau
Turnpike***	Pope	2240	23	62.9	......	85	27	35	1†	3.58	−1.74	1.02	12	0	7					U. S. Forest Service
Waldron	Scott	675	28	65.9	......	91	27	32	2	3.98	−1.29	1.46	12	0	6					William D. Bivens
Warren	Bradley	206	53	69.1	+ 5.3	90	7	38	2	6.40	+1.24	3.90	13	0	5					C. N. Turner
White Rock***	Franklin	2285	11	63.3	......	84	27	35	1	2.39	......	0.96	10	0	6					U. S. Forest Service
Wilson	Mississippi	237	22	^{b}66.6	+ 5.6	87	27	39	3†	....	......	....	......	......	....					D. O. Anderson
Wynne	Cross	167	39	66.7	+ 7.0	88	27	37	2	4.11	−1.39	1.61	13	0	6					Guy B. Upton
State Means	....	....	..	66.2	+ 4.5	93	28†	27	2	3.46	−1.54	3.90	13	0	6					

Daily Precipitation for April, 1948

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas								.14		1.43		.67	1.13											.24		.54						4.15
Alum Fork Reser.	Arkansas	.45							T.		1.50		.05	1.97								T.		T.	.50	.50							4.97
Aplin[2]	Arkansas	.09									2.44		1.39	.65										.39		.90							5.86
Arkadelphia[2]	Ouachita	.04									T.			1.11	.22										.39		.83						2.59
Arkansas City[2]	Mississippi									.58		.46	1.04	T.	.41												.83						3.32
Ashdown[2]	Red									.54			1.70	.30									.33	T.	T.	1.07							3.94
Augusta[2]	White								.10		.33	.03	T.	1.57	T.												.16						2.19
Batesville Air'y[3]	White	.04						.13	.11		.11		2.04	.05										.11		.73	.04						3.36
Batesville Livestk[2]	White	.06					.03				.15		T.	1.29													.75						2.28
Batesville River[2]	White	.03							.16		.09	.05	.12	1.65	T.										.07		.72						2.89
Beaty Lake	St. Francis	.69							.82		.42	T.	2.04													.22	.62				T.		4.81
Beaver[2]	White							.01			.29	.25	.05	.16								.06	T.		.06		.20						1.08
Bee Branch	Arkansas	.09							.29		1.03		.40	1.15											.29	.57	T.						3.82
Beech Grove[2]	White		.06						T.		.13		.15	1.91													.83						3.08
Beedeville[2]	White	T.							T.					2.91													.35						3.26
Benton[2]	Saline	.36							.30		.80	.06		1.15	.03										.61		.40						3.71
Beutonville[2]	Arkansas										T.	.37		.19								.34			.03	T.	.25						1.18
Bethesda[2]	White							T.		.15				1.28											.31			.81					2.55
Big Flat[2]	White										.18	.14	.21	1.07									T.	.37	.37		.39						2.73
Big Lake Outlet[2]	St. Francis	.02							.35		.11	T.	.08	1.63	.02								T.			T.	.34						2.55
Black Rock[2]	White										.18		.04	1.50	.04											*	.65						2.41
Blytheville[2]	St Francis	.80								.18	.11		.03	1.45	T.												.43						3.00
Booneville 3 mi. w.	Arkansas	.20							.12		2.03		1.19	.09										.30		.41					T.		4.34
Booneville[2]	Arkansas	.26							.09		1.05	2.43	.24	1.15											.41		.49						6.12
Boughton[2]	Ouachita									.18				1.30	.38										T.		.78						2.64
Bradford[2]	White	.10							.16		.07	.05	.20	1.28	T.											T.	.34						2.20
Brinkley[3]	White	.64							.04		.55	.42		2.00													.28						3.93
Burdette	Mississippi	.11				.43							2.00	.33													.73						3.60
Calico Rock[2]	White										.32	.10	.46	1.00								.02		T.	.40	*	.35						2.65
Camden[2]	Ouachita									1.33				1.95	.80										.03		.62						4.73
Camp Chaffee[2]	Arkansas								.53		1.58	T.		.11										T.	T.	.05	.62				T.		2.89
Carlisle[2]	Arkansas										.07	1.20		1.47																			2.74
Clarendou[2]	White	.43									.54	.40		1.72	.12												.25						3.46
Clinton[2]	White								1.50				.02	.31	.01		.43			.03					T.	.02				1.50			3.82
Cold Springs[2]	Ouachita	.27							T.		2.25	1.25		.65	1.10										.65		.50						6.67
Conway	Arkansas	.17							.06		1.43		.10	1.36										.01	.32	.51	.07				T.		4.03
Corning[2]	White										.32		.24	1.91													.74						3.21
Cotter[2]	White	.08									.36		.26	.63								.06			.64		.43						2.46
Cove[2]	Red	.20											1.56	.73									.02	.60	1.12								4.23
Crossett	Ouachita	T.							T.	.62				2.25											T.	1.06	.29						4.22
Crystal Valley(nr)[2]	Arkansas	.03								.74	T.	1.13	T.	T.											.16		.14						2.20
Cummins Farm	Arkansas								.11		.10			2.70												.04	.35						3.30
Danville[2]	Arkansas	.59							T.		1.43		1.16	.85											.19		.34						4.56
Dardanelle[2]	Arkansas	T.	.89							.16	.80	1.45	.50	.72	.79									.10	.10		.54						6.05
De Queen	Red							T.					.68	.75										.45		.52							2.40
Dermott[2]	Mississippi									.36	.56			1.36	.58												1.00						3.86
Des Arc[2]	White	.23	.10							.35	.50	.70	T.	1.57	.02												.28						3.75
Devils Kuob	Arkansas		.10								.69		*	.55										.56	T.	1.30	.18				T.		3.38
Dumas	Mississippi								.02		.15	.02		2.43											.46	.06							3.14
Eagle Gap[2]	Arkansas	.43									.56		.34	1.17										.08	.30		.43						3.31
El Dorado	Ouachita									.85				1.29	1.14										.43	.01	.87						4.59
Eleven Point[2]	White																																....
Eureka Springs	White										.65		.23								.15	.18		.10		.30					.10		1.71
Evening Shade[2]	White										.31	T.	.07	1.09									.07		.14		.87						2.55
Fayetteville	White							T.			.57		.01	T.							T.	.36		.07		.62					.01		1.64
Fayetteville Exp. S.	White							T.			.47		.04	T.							T.	.34		.10		.65					.02		1.62
Fordyce	Arkansas								.10					1.75												1.50	T.						3.35
Forester[2]	Arkansas	.30						T.			1.20		1.63	1.80							T.		T.	.49			.59				T.		6.01
Fort Smith[1]	Arkansas							T.		.04	.95		.07											.09	T.	.52					T.		1.67
Fort Smith W. Plant[2]	Arkausas										1.41	T.	.05												.17	T.	.83						2.46
Fulton[2]	Red									.55				1.54	.52										.15	T.	.75						3.51
Garland[2]	Red													2.35	.81										.40		.61						4.17
Georgetown[2]	White	.05							2.00		.49	.23		1.65	.05												.20						4.67
Gilbert[2]	White	.05									.31	.28	.05	.95				T.				T.	.01		.28		.35						2.28
Glenwood[2]	Ouachita								.90					1.42											.56	*	.89						3.77
Grannis[2]	Red	.05						T.					.46	.92	T.								.14	.26	T.		.60				T.		2.43
Gravelly[2]	Arkansas	.42									1.76	.95	1.91	1.07											.70		.50						7.31
Gravette	Arkansas										.94	T.									.16	.24				.43					.03		1.80
Greenbrier[2]	Arkansas																																....
Green Forest	White										.26	T.									.06				.32								0.64
Green Mountaiu	White										.26		.44	.88								T.			.52	*	.15				T.		2.25
Greenwood[2]	Arkansas	.07						.40			3.51	.04	.52											.08		.59					T.		5.21
Harrison	White										.56		.20									.21		.18		.45							1.60
Helena[2]	Mississippi								.04	.15	.64	.82		1.28	.30												1.10						4.33
Henderson[2]	White										.20		.28	.58								.38		.40	.09	.58					.17		2.68
Hope[2]	Red									T.				1.42	.61										.98		.92						3.93
Horatio[2]	Red													.70	.08										.77		.60						2.15
Hot Springs	Ouachita	.02							.99		.45			1.19										.08	T.	.75	.02						3.50
Huntsville[2]	White																																....
Huttig Lock 7, Dam 6[2]	Ouachita		T.							.61				2.10	.90											T.	.66						4.27
Index[2]	Red													1.00	.50										.25	*	.50						2.25
Jonesboro[2]	White		.04						.25		.23	.01	.11	1.00	T.								T.			T.	.96						2.60
Judsonia[2]	White																																....
Keo	White	.05	.79							.47	2.00				1.50											.38	.03						5.22
Lake City[2]	St. Francis	T.							.70		.20		.80	1.60	T.							T.				.80					T.		4.10
Lead Hill	White										.48		.48	T.								.25		.12		.33					.23		1.89
Little Rock[1]	Arkansas		.01					.14			2.53		.81	.39										.22		.44							4.54
Lock & Dam No. 3[2]	White	.03							.01		.17	.05	.09	1.18											.26		.26						2.05
Lurton[2]	White	.11	.01						T.		.10	.45		1.00											.30		.69		T.				2.66
Lutherville	Arkansas							.83		.15	1.15		.10	.80										.50		.62	.06				T.		4.21
Madison[2]	St. Francis	.40					T.		.75		.26	.35		1.80	.10												1.00						4.66
Magnolia	Red													2.00										.24		.64							2.88
Mammoth Spg[2]	White										.36	T.	.84	1.22								T.	.28		.25		.74						3.69
Marianna[2]	St. Francis	2.06	.33							.03	.80		.27	1.08	.16												1.36						6.09
Marked Tree[2]	St. Francis	.09							1.74		.18			2.31													1.11	T.	.03				5.46
Marshall[2]	White							.09			.51	T.	T.	1.10										.13		.32					.02		2.17
Marvell[2]	White		2.03								1.08	T.		1.18	.18												.61						5.08
Melbourne[2]	White													1.50																			....
Mena[2]	Ouachita	.15					T.				.11		.39	.95										T.	.45	T.	.61						2.66
Monticello[1]	Ouachita							T.	.30		.05			2.42												.55							3.32
Morobay[2]	Ouachita								1.40					2.33	.02									.04		1.07	.12						4.98
Morrilton[2]	Arkansas	.25									1.04	.48	1.32	1.14											.27		.49						4.99
Mountainburg	Arkansas										1.74		.05											.20		.83					T.		2.82
Mountain Home	White										.45		.40	.20								.40		.35		.45					.15		2.40
Mountain View[2]	White										.31	T.	T.	.99											.32		.26						1.88

Daily Precipitation for April, 1948, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita	....	....	....	....	....	....	....	....	....	.35	....	.66	2.06	....	....	....	....	....	....	....	....	....	.12	....	.82	....	....	....	....	....	....	....
Mulberry[2]	Arkansas	....	....	....	....	....	....	....	....	....	3.07	.75	....	.10	....	....	....	....	....	....	....	....	....	....	T.	....	.65	....	....	....	....	....	4.57
Nashville	Red	....	....	....	....	....	....	T.	.15	....	....	....	T.	1.49	....	....	....	....	....	....	....	....	....	.18	....	.88	....	....	....	....	....	....	2.70
Newport[2]	White	.20	....	....	....	....	....	....	.95	....	.07	.02	.32	1.12	....	....	....	....	....	....	....	....	....	....	....	....	.35	....	....	....	....	....	3.03
Nimrod Dam[2]	Arkansas	....	.16	....	....	....	....	....	....	....	1.83	.15	.46	1.35	....	....	....	....	....	....	....	....	....	....	.05	....	....	....	....	....	....	....	4.00
Oark[2]	Arkansas	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Odell[2]	Arkansas	....	....	....	....	....	....	....	....	....	.40	1.18	....	....	....	....	....	....	....	....	....	....	....	....	.28	.12	.25	....	....	....	....	....	2.23
Oden	Ouachita	T.	....	....	....	....	....	....	....	....	.85	....	1.40	T.	....	....	....	....	....	....	....	....	....	.36	....	.55	....	....	....	....	....	....	3.16
Okay	Red	....	....	....	....	....	....	....	.73	....	....	....	.10	1.57	....	....	....	....	....	....	....	....	....	.27	....	1.05	....	....	....	....	....	....	3.72
Osceola[2]	Mississippi	....	.18	....	....	....	....	....	.76	....	.16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.61	....	....	....	....	....	1.71
Ozark[2]	Arkansas	....	....	....	....	....	....	....	.06	....	1.30	.61	....	1.27	....	....	....	....	....	....	....	....	....	....	.35	....	.53	....	....	....	....	....	4.12
Paragould	St. Francis	.05	T.	....	....	....	....	....	.06	....	.12	....	.11	.93	....	....	....	....	....	....	....	....	....	....	....	.02	.82	....	....	....	.04	....	2.15
Parkin[2]	St. Francis	.28	....	....	....	....	....	....	.70	....	T.	.09	....	1.64	....	....	....	....	....	....	....	....	....	....	....	....	1.13	....	....	....	....	....	3.84
Parthenon[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Perryville[2]	Arkansas	T.	....	....	....	....	....	....	....	....	2.20	T.	.70	1.30	....	....	....	....	....	....	....	....	....	....	1.30	*	.60	....	....	....	....	....	6.10
Pine Bluff[2]	Arkansas	.11	....	....	....	....	....	....	....	....	.11	.03	....	1.32	.40	....	....	....	....	....	....	....	....	....	....	.04	.60	....	....	....	....	....	2.61
Pine Ridge[2]	Ouachita	.71	....	....	....	....	....	....	T.	T.	.03	....	....	1.36	....	....	....	....	....	....	....	....	....	....	.52	....	.61	....	....	....	T.	....	3.23
Pocahontas	White	....	....	....	....	....	....	....	....	....	.18	....	.68	1.46	....	....	T.	....	....	....	....	.02	....	....	....	T.	.50	....	....	....	.09	....	2.93
Portland[2]	Ouachita	....	....	....	....	....	....	....	....	2.00	....	....	....	1.25	.87	....	....	....	....	....	....	....	....	....	....	T.	.75	....	....	....	....	....	4.87
Prescott[2]	Ouachita	....	....	....	....	....	....	....	T.	.87	....	....	....	1.33	.60	....	....	....	....	....	....	....	....	....	.15	....	.70	....	....	....	....	....	3.65
Ratcliff[2]	Arkansas	....	....	....	....	....	....	....	.30	....	1.55	.73	T.	.76	....	....	....	....	....	....	....	....	....	....	.15	*	.35	....	....	....	....	....	....
Red Star	White	....	....	....	....	....	....	....	....	.25	T.	.40	....	.25	....	....	....	....	....	....	T.	....	.10	.60	....	.68	....	....	T.	....	....	....	....
Rogers	White	....	....	....	....	....	....	....	....	....	.41	T.	.35	....	....	....	....	....	....	....	.06	.30	....	.07	....	.46	....	....	....	....	.14	....	1.79
Russellville	Arkansas	.43	....	....	....	....	....	....	....	....	1.95	....	1.59	.87	....	....	....	....	....	....	....	....	....	.10	....	.65	T.	....	....	....	T.	....	....
St. Charles[2]	White	T.	....	....	....	....	....	....	.07	T.	1.22	.25	....	1.48	.20	....	....	....	....	....	....	....	....	....	....	....	.54	....	....	....	....	....	3.76
St. Francis[2]	St. Francis	.06	....	....	....	....	....	....	....	....	.18	....	.09	1.22	....	....	....	....	....	....	....	....	....	....	....	....	.22	....	....	....	....	....	1.77
Searcy[2]	White	.06	....	....	....	....	....	T.	.17	....	.44	.24	.14	1.21	.02	....	....	....	....	....	....	....	....	....	....	.01	.27	....	....	....	....	....	2.56
Sheridan	Ouachita	.17	....	....	....	....	....	....	.38	....	1.15	....	.02	1.10	....	....	....	....	....	....	....	....	....	.04	T.	.63	....	....	....	....	....	....	3.49
Shirley[2]	White	....	....	....	....	....	....	....	.95	....	.39	....	T.	1.17	....	....	....	....	....	....	T.	T.	....	T.	.38	.51	....	....	....	....	T.	....	3.40
Siloam Springs	White	....	....	....	....	....	....	T.	....	....	1.68	....	....	....	....	....	....	....	....	....	.14	.14	....	T.	....	.55	....	....	....	....	.02	....	2.53
Sparkman	Ouachita	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamps	Red	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Steve[2]	Arkansas	....	....	....	....	....	....	....	....	....	2.00	....	2.00	....	....	....	....	....	....	....	....	....	....	.35	....	.42	....	....	....	....	....	....	4.77
Story[2]	Ouachita	.24	....	....	....	....	....	T.	....	....	.88	....	.50	.30	....	....	....	....	....	....	....	....	....	.15	.04	.74	....	....	....	....	....	....	2.85
Stuttgart[2]	Arkansas	.87	.71	T.	....	....	....	....	....	.05	1.61	.60	....	2.34	.08	....	....	....	....	....	....	....	....	....	....	....	.70	....	....	....	....	....	6.96
Stuttgart Evap[2]	Arkansas	.46	....	....	....	....	....	....	.14	....	1.95	.55	....	1.60	.10	....	....	....	....	....	....	....	....	....	....	....	.33	....	....	....	....	....	5.13
Subiaco[2]	Arkansas	....	.15	....	....	....	....	T.	T.	....	1.85	....	1.15	1.00	....	....	....	....	....	....	....	....	....	1.05	....	.56	....	....	....	....	....	....	5.76
Sugar Grove[2]	Arkansas	.53	T.	....	....	....	....	....	.46	....	2.10	.36	.46	.86	....	....	....	....	....	....	....	....	....	....	.36	....	.50	....	....	....	....	....	5.63
Sugar Loaf Mt[2]	White	.03	....	....	....	....	....	....	.30	....	.38	.10	.27	.85	.02	....	....	....	....	....	....	....	....	....	.17	.02	.12	....	....	....	....	....	2.26
Texarkana[3]	Red	....	....	....	....	T.	T.	....	T.	....	....	....	1.42	1.49	....	....	....	....	....	....	....	....	....	.07	....	1.01	....	....	....	....	....	....	3.99
Tichnor[2]	White	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Turnpike	Arkansas	.10	....	....	....	....	....	....	....	....	.80	....	1.02	.58	....	....	....	....	....	....	....	....	....	.42	....	.60	....	....	....	....	.06	....	3.58
Viola[2]	White	....	....	....	....	....	....	....	....	....	.10	....	.48	.73	....	....	....	....	....	....	....	.31	....	....	1.05	....	....	....	....	....	....	....	2.67
Waldron[2]	Arkansas	.33	....	....	....	....	....	....	....	....	1.45	....	1.46	.04	....	....	....	....	....	....	....	....	....	.30	T.	.40	....	....	....	....	T.	....	3.98
Walnut Grove	White	....	....	....	....	....	....	....	....	T.	T.	T.	T.	.33	1.20	....	....	....	....	....	....	....	....	....	....	.28	....	....	....	....	....	....	1.81
Warren	Ouachita	....	....	....	....	....	....	....	1.54	....	....	....	....	3.90	....	....	....	....	....	....	....	....	....	....	.17	.75	.04	....	....	....	....	....	6.40
Whitecliffs[2]	Red	....	....	....	....	....	....	....	....	.47	....	....	....	1.55	.25	....	....	....	....	....	....	....	....	....	.25	T.	T.	....	....	....	....	....	2.52
White Rock	Arkansas	....	....	....	....	....	....	T.	....	....	.96	....	.20	.14	....	....	....	....	....	....	....	....	....	.12	....	.94	....	....	....	....	.03	....	2.39
Wilson[2]	Mississippi	....	....	....	....	....	....	....	.95	....	....	....	....	1.10	....	....	....	....	....	....	....	....	....	....	....	....	.67	....	....	....	....	....	....
Wynne	St. Francis	.40	....	....	....	....	....	....	1.21	....	.17	....	....	1.61	....	....	....	....	....	....	....	....	....	....	....	.10	.62	....	....	....	....	....	4.11
Yellville[2]	White	....	....	....	....	....	....	....	....	.20	....	.29	.14	.72	....	....	....	....	....	....	....	....	.24	....	....	....	.31	....	....	....	....	....	1.90

Daily Evaporation (inches), and Wind Movement (miles) for April, 1948

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.071	.197	.266	.300	.158	.469	.295	.142	.216	.222	.384	.180	.220	.120	.168	.378	....	....
	Wind move	192	54	83	114	131	116	176	138	138	53	224	247	264	134	39	172	52	62	67	94	64	21	76	108	96	62	28	39	78	25	....	3,147
Hope Exp. Farm	Evap.	.190	.224	.195	*	.437	.123	.147	.225	.520	.195	*	.452	.308	.117	.153	.178	.193	*	.475	.261	.224	.212	.121	.271	*	.320	.192	.210	.260	.215	....	6.418
	Wind move	42	49	14	*	52	38	45	55	50	29	*	178	59	59	21	12	21	*	31	34	21	25	29	31	*	74	17	20	33	7	....	1,046
Nimrod Dam	Evap.	....	....	....	....	....	....	....	....	....	.292	.090	....	....	.012	.066	.232	.310	.218	.248	.342	.296	.170	.188	.114	.286	.074	.236	.250	.296	.226	....	....
	Wind move	40	32	72	16	63	73	35	72	20	56	61	132	129	31	44	42	6	41	67	88	44	26	68	62	100	47	20	21	32	42	....	1,582
Norfork Dam	Evap.	....	.215	.233	.292	.279	.168	.241	.251	.327	.096	....	....	....	....	.189	.234	.118	.244	.465	.394	.060	.076	.416	.354	.318	.192	.240	.272	.302	.236	....	7.454
	Wind move	68	45	42	124	43	63	77	67	58	84	86	110	49	55	32	45	30	46	75	92	41	28	53	81	101	49	37	29	38	29	....	1,777
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart Rice Exp. Farm	Evap.	.175	.093	.143	.166	.188	.143	.163	.189	.168	.191	.040	.192	.211	.024	.116	.119	.156	.173	.198	.234	.193	.150	.237	.219	.266	.179	.071	.248	.218	.204	....	5.067
	Wind move	50	30	20	35	85	60	120	125	65	55	115	240	130	50	20	10	35	35	30	100	40	10	45	125	95	95	20	30	30	20	....	1,920

and two injured. Minor damage was reported from other scattered sections of the State. A boy was killed by lightning near Springdale on the morning of the 30th.

TEMPERATURE

The mean for the month was 66.2°, 4.5° above the 68-year average. This is the third warmest April of record. The highest station mean reported for the month was 70° at Magnolia. The lowest was 61.5° at Harrison. Camden reported the highest temperature, with 93° on the 28th. Gilbert reported 27° for the lowest on the 2nd. Some killing frost was reported in the Northwest section on the 2nd.

PRECIPITATION

The average precipitation for the State was 3.46 inches, 1.54 inches below the 68-year average. Stuttgart reported the heaviest fall for the month, with 6.96 inches. Green Forest reported the least for the month, 0.64 inch. Warren, Arkansas reported the greatest 24 hour fall, with 3.90 inches on the 13th. Stations in the counties bordering the Arkansas River from Ozark to Little Rock reported a near-normal fall of rain during the month, while practically all of the rest of the stations in the State were below normal. The driest portion of the State was the northwest corner, where the rain averaged less than two inches.

Numerous hail storms occurred during the month, causing considerable damage. (See "Storms")

CORRECTION to March, 1948 CD.-The date given in Line 2 under subject "Tornadoes" at lower left-hand corner of Page 16, should have been given as "March 25", instead of March 26.

Daily Temperatures for April, 1948

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	68	72	70	77	77	83	87	84	76	72	82	83	77	70	75	88	85	86	83	85	83	82	78	81	79	89	89	87	82	81	....	
	Minimum	45	36	37	37	59	53	69	64	49	50	62	68	50	40	40	39	53	50	57	55	53	56	56	59	60	57	57	55	55	51	....	80.3
Arkadelphia /	Maximum	81	68	78	76	81	80	88	90	84	74	80	87	87	58	71	77	85	85	89	88	85	86	85	82	85	77	82	89	81	80	....	52.4
	Minimum	49	37	37	41	49	53	60	65	54	54	54	69	56	45	41	44	51	53	53	55	55	56	58	59	62	60	65	60	48	53	....	81.3
Ashdown /	Maximum	69	76	74	77	70	76	82	90	75	83	88	87	60	71	74	82	87	85	83	86	86	83	80	84	72	81	88	81	81	86	....	62.9
	Minimum	35	38	42	49	50	55	67	67	54	56	65	54	39	45	44	50	50	50	53	54	52	61	62	63	56	54	58	52	56	68	....	79.9
Batesville Air	Maximum	62	72	78	75	75	85	85	77	66	63	83	84	55	67	73	88	73	85	86	85	75	82	80	83	83	78	88	78	79	78	....	53.3
	Minimum	40	33	38	44	56	56	64	55	46	49	51	60	48	45	43	47	53	46	64	60	55	54	61	60	62	60	59	50	46	49	....	77.4
Batesville,Livestk /	Maximum	72	67	72	75	76	79	82	85	78	68	73	....	....	82	69	79	89	84	86	85	84	75	83	83	84	81	83	89	80	80	....	51.8
	Minimum	44	34	40	43	60	56	58	60	42	47	50	....	....	39	41	49	51	45	61	61	64	50	62	68	64	59	60	55	46	46	....	[b]79.4
Bee Branch	Maximum	63	73	70	75	77	82	85	83	75	67	80	80	77	70	71	82	81	85	85	83	83	82	79	79	79	76	85	84	80	79	....	[b]51.3
	Minimum	44	33	47	45	53	53	62	60	45	48	58	61	48	43	39	45	54	48	53	54	55	57	60	58	62	59	55	60	47	49	....	78.3
Benton /	Maximum	79	65	73	77	78	79	85	87	81	70	72	83	85	58	70	75	85	79	86	85	83	87	83	87	83	83	80	88	79	80	....	51.8
	Minimum	48	34	36	37	40	55	61	63	52	52	63	60	57	47	38	43	49	49	52	53	53	56	56	52	52	57	53	51	45	48	....	79.5
Bentonville /	Maximum	62	61	71	72	75	77	84	83	69	73	71	78	80	47	69	75	85	86	83	82	75	78	79	75	75	66	80	86	76	80	....	50.1
	Miuimum	35	32	41	48	53	52	62	49	39	46	51	54	40	31	38	46	51	55	62	60	54	58	61	61	55	49	54	55	40	53	....	75.1
Bethesda	Maximum	70	62	70	74	76	78	85	84	76	67	75	82	82	54	70	73	87	85	86	86	84	74	82	80	83	81	78	88	78	78	....	49.5
	Minimum	42	33	39	43	68	56	64	59	42	46	46	58	46	43	37	41	50	41	61	56	52	48	60	70	64	58	55	53	42	45	....	77.6
Blytheville	Maximum	74	60	70	68	77	79	86	85	77	66	68	82	81	65	58	69	82	70	83	86	86	78	83	85	86	86	78	90	79	79	....	50.3
	Minimum	43	38	43	48	60	60	60	63	44	46	50	69	55	46	40	49	50	50	60	63	61	54	59	66	62	63	59	58	49	53	....	77.2
Booneville	Maximum	72	74	75	79	78	86	91	85	75	76	87	85	64	73	79	87	83	86	85	84	83	83	80	81	79	82	91	83	81	86	....	53.7
	Minimum	44	34	41	50	50	55	68	54	48	50	69	62	50	36	39	45	52	55	57	52	53	59	61	65	58	52	56	61	46	55	....	81.1
Brinkley	Maximum	70	72	70	78	82	85	89	86	74	67	85	85	82	66	73	84	78	86	87	85	86	86	84	85	83	79	92	82	79	82	....	52.6
	Minimum	49	37	42	45	60	61	70	64	47	47	58	70	51	46	41	45	52	48	60	63	58	57	62	63	64	61	55	59	47	49	....	80.7
Camden	Maximum	83	68	78	76	81	82	85	91	85	75	80	86	85	65	63	77	86	90	89	88	88	89	86	83	87	83	83	93	83	83	....	54.4
	Minimum	53	37	50	44	48	50	61	70	51	56	58	65	62	48	43	46	52	54	56	58	56	56	62	59	63	61	55	60	48	53	....	82.4
Conway	Maximum	71	76	74	80	80	86	88	82	74	67	85	85	76	72	77	86	80	88	88	86	86	86	82	85	79	81	90	85	80	83	....	54.6
	Minimum	46	35	41	43	52	56	69	59	45	50	58	64	51	45	43	47	53	49	51	58	56	58	60	59	63	58	57	55	45	50	....	81.3
Corning	Maximum	70	62	70	67	77	80	86	86	78	66	70	83	65	55	65	72	86	65	84	86	84	77	85	85	85	76	78	90	78	81	....	52.5
	Minimum	46	45	38	46	58	58	64	58	42	46	52	53	50	46	40	47	48	45	63	64	59	51	55	64	65	63	58	58	48	50	....	76.4
Crossett	Maximum	73	74	75	80	85	86	91	86	76	77	88	90	85	68	76	81	89	89	86	85	86	86	84	86	80	83	90	86	82	82	....	52.7
	Minimum	62	32	36	41	55	62	68	69	55	57	72	70	62	50	39	40	47	51	53	59	52	53	55	55	64	61	57	62	46	49	....	82.9
Cummins Farm	Maximum	70	70	69	80	81	85	89	83	73	69	85	88	82	65	70	81	78	86	87	84	85	85	84	86	82	78	88	80	67	74	....	54.1
	Minimum	49	53	43	46	45	56	67	68	52	49	58	69	52	47	43	46	51	51	55	58	57	58	57	62	64	60	54	59	47	48	....	79.5
Dardanelle	Maximum	78	74	74	80	83	87	90	89	80	70	87	83	78	73	78	87	87	89	87	87	85	85	84	85	84	83	91	97	83	86	....	54.1
	Minimum	47	37	37	44	51	51	55	59	48	48	50	61	54	42	42	42	47	54	54	56	57	57	62	61	61	57	57	58	48	48	....	83.5
De Queen	Maximum	69	75	77	76	75	80	88	83	75	82	88	85	80	73	73	82	85	84	83	80	83	80	77	79	76	78	86	82	78	84	....	51.5
	Minimum	48	35	46	46	54	61	69	64	56	58	65	68	53	38	41	41	65	56	52	55	54	56	62	62	66	59	55	59	55	59	....	79.9
Des Arc	Maximum	77	63	72	69	77	81	85	90	79	68	70	85	85	64	63	72	83	75	86	88	85	84	84	83	85	84	79	88	80	78	....	55.3
	Minimum	49	38	47	49	60	61	62	63	50	49	51	69	62	48	46	48	50	50	59	61	59	60	60	65	62	63	59	62	47	52	....	78.7
Devil's Knob	Maximum	63	73	72	70	75	79	78	76	79	72	71	74	68	65	69	78	79	84	86	83	77	78	....	83	73	81	83	80	78	78	....	55.4
	Minimum	35	45	48	45	51	54	56	50	60	62	60	64	35	41	50	54	62	64	70	69	64	66	....	66	64	59	60	55	48	55	....	[a]76.0
Dumas	Maximum	70	70	71	80	87	89	90	82	72	70	87	90	79	84	72	81	80	75	87	72	88	88	85	87	84	80	90	80	80	82	....	[a]55.6
	Minimum	52	38	42	44	60	62	70	69	54	50	60	70	54	49	43	47	53	53	58	61	59	60	58	67	65	62	57	62	48	50	....	81.1
El Dorado	Maximum	78	72	78	79	81	85	84	91	83	82	81	87	90	66	71	77	85	89	90	88	87	88	86	84	87	83	82	91	83	83	....	55.9
	Minimum	54	39	40	46	49	60	68	68	55	55	61	70	62	47	45	45	50	56	60	61	58	58	62	62	65	61	59	64	51	56	....	83.0
Eureka Springs	Maximum	61	75	72	75	79	85	83	78	70	69	79	77	65	69	76	87	85	84	85	79	78	81	77	78	75	81	85	77	79	82	....	56.2
	Miuimum	35	39	49	51	61	49	69	55	42	47	64	55	41	35	48	58	54	58	67	60	57	60	62	62	57	53	59	66	48	55	....	77.5
Fayetteville	Maximum	63	72	72	77	77	86	84	72	76	70	81	80	63	69	77	87	86	85	83	81	79	80	75	77	73	88	86	78	80	85	....	53.9
	Minimum	37	34	46	54	60	58	68	54	44	49	66	58	42	34	38	54	53	59	65	64	56	60	63	63	55	54	56	58	50	57	....	78.1
Fayetteville Exp.S.	Maximum	59	71	70	75	76	83	81	77	74	67	76	79	65	67	75	84	85	83	82	80	79	78	75	....	....	....	....	....	....	....	....	53.6
	Minimum	36	33	45	53	59	55	69	51	43	49	52	57	42	31	38	50	51	58	67	64	56	60	63	....	....	....	....	....	....	....	....	....
Fordyce	Maximum	70	71	75	80	84	85	91	90	75	77	85	90	85	72	77	78	75	65	89	86	87	87	82	86	81	86	91	87	85	88	....	.... 82.0
	Minimum	50	50	51	40	59	65	69	54	53	59	67	70	42	36	43	41	55	54	60	61	47	57	60	60	....	60	58	61	49	47	....	[a]54.4
Fort Smith	Maximum	66	75	76	81	78	86	91	78	73	77	89	81	59	72	80	87	82	89	88	83	83	84	80	83	72	84	89	83	80	89	....	80.6
	Minimum	43	37	45	48	53	57	64	53	48	51	65	55	46	37	43	46	54	55	56	57	55	60	62	63	58	55	58	59	48	56	....	52.9
Gilbert /	Maximum	64	63	72	74	78	80	86	88	78	72	73	85	82	53	70	77	89	84	87	87	86	82	83	80	82	75	80	89	79	81	....	78.6
	Minimum	43	27	31	39	47	47	63	45	34	46	51	56	47	38	33	39	42	43	52	56	52	51	54	62	67	50	51	49	37	44	....	46.2
Grannis /	Maximum	65	70	72	76	72	78	86	88	76	80	88	83	68	72	74	84	86	84	83	80	85	80	78	78	68	78	86	82	79	83	....	78.7
	Minimum	37	44	45	50	52	62	62	53	54	56	60	48	38	40	46	53	54	54	55	54	55	57	60	62	66	55	57	52	56	60	....	52.9
Gravette	Maximum	60	71	72	75	77	85	83	80	75	70	75	78	63	71	75	86	85	83	83	78	78	80	76	79	76	80	86	76	80	84	....	77.3
	Minimum	33	34	45	51	58	56	67	54	42	48	66	55	41	29	40	50	53	59	65	60	56	59	63	62	56	51	57	58	46	54	....	52.3
Green Mountain	Maximum	73	81	82	84	81	84	86	86	85	78	76	78	75	70	78	80	81	80	76	82	82	83	81	80	81	84	85	83	80	78	....	80.4
	Minimum	38	40	44	49	59	62	69	70	42	42	54	58	52	41	49	50	60	61	67	67	66	70	68	64	61	64	70	59	61	53	....	56.7
Harrison	Maximum	60	70	71	76	80	84	88	76	70	70	82	82	63	62	75	85	77	85	85	82	78	75	72	80	73	80	85	80	78	82	....	76.9
	Minimum	35	29	32	40	58	45	65	42	32	43	61	53	39	35	30	39	41	47	65	57	51	52	47	59	56	49	50	48	37	45	....	46.1
Helena	Maximum	78	62	71	70	76	81	84	87	80	70	65	84	85	66	64	73	81	77	84	85	82	85	86	83	84	83	77	84	78	78	....	78.1
	Minimum	52	39	40	42	47	60	65	69	53	49	48	65	62	49	45	45	48	52	53	63	61	61	61	63	66	63	58	60	51	52	....	54.7
Hope /	Maximum	81	67	75	75	78	76	84	90	75	72	82	86	87	63	70	76	83	87	85	85	83	87	82	80	84	75	81	88	81	80	....	79.9
	Miuimum	53	36	40	42	47	57	65	68	53	55	56	68	62	42	42	46	52	55	58	58	56	56	60	61	64	58	55	60	54	56	....	54.5
Hot Springs	Maximum	69	77	77	80	78	86	87	84	80	77	85	84	78	73	77	87	86	88	87	84	87	84	82	85	82	82	90	87	84	87	....	82.5
	Minimum	47	43	48	51	56	60	69	64	51	50	64	58	52	42	44	49	57	55	65	62	60	58	61	61	62	69	62	60	51	57	....	55.9
Jonesboro	Maximum	60	70	65	76	79	85	83	77	66	66	83	82	60	63	71	83	69	84	86	84	75	84	83	84	84	78	87	78	78	77	....	76.7
	Minimum	45	37	39	44	48	60	64	60	45	45	45	58	55	44	39	43	49	47	54	62	59	52	53	64	61	61	57	59	47	52	....	51.6
Keo	Maximum	69	73	70	78	82	86	90	83	70	66	84	86	78	68	72	84	78	88	88	85	86	85	83	85	83	79	90	82	79	82	....	80.4
	Minimum	49	39	41	48	55	59	68	66	50	49	59	67	52	47	44	49	55	50	60	61	60	58	60	60	63	60	56	58	47	49	....	54.6
Lead Hill	Maximum	61	70	71	78	80	85	87	74	70	72	82	72	62	69	78	78	80	86	86	82	80	82	79	82	75	81	87	77	80	80	....	77.5
	Minimum	40	29	32	37	48	50	65	44	31	47	61	53	44	37	32	42	42	45	57	57	57	54	54	63	61	48	53	47	37	46	....	47.1
Little Rock	Maximum	64	72	69	78	81	86	89	78	68	67	84	85	64	68	70	82	76	89	88	85	83	84	80	83	81	80	89	80	78	83	....	78.8
	Minimum	46	42	46	48	58	59	68	62	52	51	60	63	51	48	46	50	59	55	63	61	62	61	62	62	62	60	59	63	55	52	....	56.2
Lutherville	Maximum	64	72	70	78	80	83	88	76	68	64	83	80	65	69	74	83	84	86	85	82	80	82	79	80	80	77	86	79	79	82	....	77.9
	Minimum	41	38	42	45	52	55	48	60	45	46	57	55	47	38	38	48	45	47	61	56	59	61	60	58	57	55	57	52	52	53	....	50.9
Magnolia	Maximum	77	75	73	76	82	83	91	92	86	85	87	89	81	70	75	83	86	88	87	85	87	87	82	85	83	80	91	82	81	87	....	83.2
	Minimum	53	38	44	48	55	58	68	64	56	59	67	70	57	46	45	48	52	60	60	57	58	62	61	63	63	60	57	57	56	61	....	56.7
Mammoth Spring	Maximum	68	70	72	78	76	77	85	85	75	66	70	83	62	67	70	79	80	82	88	87	82	83	82	80	83	82	79	89	75	80	....	77.8
	Minimum	30	28	30	33	....	49	55	51	39	45	47	48	47	45	40	41	42	45	54	65	55	54	51	54	63	59	53	58	40	46	....	[a]46.8
Marianna /	Maximum	60	69	68	74	79	82	85	78	69	70	82	83	83	64	70	70	80	82	83	82	84	85	83	84	84	76	86	76	75	79	....	77.5
	Minimum	50	37	46	45	59	61	65	67	50	48	48	67	63	43	....	....	....	....	....	....	....	60	58	60	59	62	66	62	48	51	....	[g]55.0
Marked Tree /	Maximum	77	61	70	60	70	80	90	86	76	68	68	82	83	63	60	80	87	70	84	88	87	79	87	85	86	83	77	88	78	77	....	77.7
	Minimum	47	35	40	42	50	59	62	61	45	48	50	66	57	45	39	43	43	47	57	62	60	54	56	63	63	61	57	59	50	51	....	52.4
Marshall /	Maximum	60	72	65	75	76	84	85	75	70	64	86	81	75	70	75	88	84	84	84	84	81	81	76	77	75	79	89	80	79	82	....	77.9
	Minimum	39	34	48	51	62	53	68	50	37	47	60	59	45	40	39	48	53	55	66	53	55	60	63	63	61	56	56	50	40	52	....	51.8
Mena	Maximum	64	75	73	78	73	81	89	82	76	78	86	83	61	70	80	89	89	85	83	82	87	79	78	79	74	83	90	82	83	85	....	79.9
	Minimum	43	39	43	45	56	58	67	60	50	50	66	59	48	38	41	48	54	52	60	60	55	57	60	64	61	56	58	59	52	56	....	63.8
Monticello	Maximum	64	72	71	77	84	86	89	80	72	71	85	86	74	66	73	82	84	88	85	84	86	85	82	85	81	82	88	79	78	82	....	80.0
	Minimum	50	38	47	52	60	63	67	62	53	51	64	71	51	47	45	46	53	57	59	60	59	60	60	63	62	62	65	57	53	56	....	56.4
Morrilton /	Maximum	67	64	74	71	78	80	85	89	78	69	70	84	83	57	72	75	87	79	88	87	85	87	85	81	84	76	83	91	84	80	....	79.1
	Minimum	46	40	42	45	49	56	56	61	47	43	52	61	55	42	46	47	52	55	56	57	57	57	62	65	65	58	58	59	53	54	....	53.2
Mountain Home	Maximum	62	70	70	76	80	86	91	75	68	65	84	78	61	68	77	88	77	87	86	82	76	82	79	81	77	80	86	77	79	75	....	77.4
	Minimum	48	33	40	40	54	50	68	51	38	47	58	54	44	40	37	44	52	47	61	58	57	54	59	60	60	53	55	52	44	51	....	50.3
Mt. Ida	Maximum	....	....	78	76	80	83	89	82	76	78	88	87	63	71	78	88	86	88	87	87	86	84	76	70	66	81	89	83	81	79	....	[b]80.7
	Minimum	....	....	30	33	51	53	61	58	49	50	56	63	52	32	32	48	36	42	44	49	47	52	44	....	....	....	59	56	43	50	....	[e]47.6
Nashville	Maximum	67	75	74	78	73	82	88	81	73	89	88	86	70	72	74	82	85	86	85	82	85	82	71	83	75	80	86	82	79	86	....	79.9
	Minimum	50	36	60	42	48	57	67	64	55	52	65	69	54	40	41	45	51	57	52	52	54	55	62	61	61	58	55	61	57	55	....	54.5
Newport	Maximum	64	74	70	78	80	89	86	80	69	63	84	85	65	69	73	85	74	86	89	86	80	85	83	85	84	80	92	81	82	79	....	79.3
	Minimum	48	37	40	42	47	57	57	62	46	48	51	64	56	46	42	45	50	48	50	63	57	56	57	62	65	63	57	59	51	51	....	52.6
Nimrod Dam /	Maximum	79	68	75	75	79	81	85	89	82	75	75	86	87	57	73	79	89	84	88	88	85	86	83	83	83	79	81	93	93	82	....	81.4
	Minimum	46	35	37	52	55	54	54	61	48	50	50	58	52	43	38	43	51	50	55	54	53	52	61	61	68	54	55	57	45	50	....	51.4
Oden	Maximum	66	70	69	72	77	87	88	79	74	62	67	72	61	63	71	68	71	83	82	78	68	74	83	85	86	84	91	86	84	86	....	76.2
	Minimum	38	42	54	61	59	67	66	64	56	48	51	40	44	51	57	42	56	60	58	47	43	67	64	69	65	60	54	58	49	54	....	54.5

Daily Temperatures for April, 1948, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	81	76	76	78	75	84	90	85	72	82	89	86	83	72	76	84	87	89	89	86	86	82	84	84	81	81	85	90	87	85	....	82.8
	Minimum	53	37	42	43	....	58	68	67	54	55	67	70	55	41	43	46	52	50	53	70	68	56	55	64	61	58	56	56	60	54	....	[a]55.6
Ozark	Maximum	75	60	76	73	80	78	86	91	80	71	70	82	82	60	74	77	86	81	88	88	83	82	81	78	80	71	80	88	83	80	....	78.8
	Minimum	42	36	37	47	51	55	55	56	45	45	51	69	50	37	39	42	49	57	54	54	55	60	61	62	66	55	57	58	46	49	....	51.3
Paragould	Maximum	66	70	68	75	79	85	85	80	75	65	81	78	64	62	71	84	82	82	84	86	81	85	85	85	84	83	88	88	78	77	....	78.5
	Minimum	45	34	38	41	55	55	67	59	43	46	55	54	48	44	38	44	48	44	60	60	58	52	58	63	62	58	55	57	48	48	....	51.2
Perryville	Maximum	65	74	76	79	80	86	87	89	70	71	85	83	79	78	78	87	79	88	87	85	84	85	83	85	77	83	87	92	83	84	....	81.6
	Minimum	46	35	38	35	46	52	56	58	44	52	50	65	52	44	37	42	54	47	50	50	52	58	51	57	55	60	59	52	38	42	....	49.2
Pine Bluff	Maximum	81	66	74	74	81	83	87	91	84	74	73	87	89	65	68	74	86	81	90	89	87	87	87	83	87	84	84	92	81	81	....	81.7
	Minimum	51	40	42	46	52	62	65	71	54	52	52	72	63	49	45	48	54	54	60	62	61	61	63	64	64	63	60	62	52	55	....	56.6
Pocahontas	Maximum	68	72	72	76	79	84	86	81	75	66	83	81	62	67	70	84	82	82	86	86	80	82	82	84	83	79	90	85	80	75	....	78.7
	Minimum	45	33	37	45	56	54	68	61	43	47	55	53	47	45	39	45	49	47	57	59	67	51	58	62	63	62	56	57	48	51	....	51.7
Portland	Maximum	74	63	73	74	78	82	85	87	83	72	72	84	85	65	62	70	85	85	85	83	83	85	83	82	85	80	80	88	75	76	....	78.8
	Minimum	55	39	40	47	55	61	66	68	55	55	60	69	60	50	45	47	50	55	60	60	58	58	58	60	62	62	58	60	53	55	....	56.0
Prescott	Maximum	82	68	76	75	79	78	83	90	78	73	81	87	88	63	70	77	84	88	89	86	84	87	84	80	85	76	82	90	82	80	....	80.8
	Minimum	53	41	43	45	45	53	62	69	55	55	56	67	63	43	44	45	50	55	55	58	58	59	60	60	62	60	56	59	54	56	....	54.7
Rogers	Maximum	61	70	73	76	78	84	83	75	74	70	79	80	60	68	75	86	85	83	82	76	78	79	76	78	76	84	85	75	78	83	....	77.0
	Minimum	36	35	42	49	56	55	67	54	43	47	65	53	40	33	40	51	53	55	63	61	56	59	62	62	56	51	57	57	65	45	....	52.3
Russellville	Maximum	75	75	....	....	....	....	....	....	....	....	87	82	77	72	76	85	85	88	87	85	84	83	82	83	81	81	89	83	83	84	....	....
	Minimum	47	35	....	....	....	....	....	....	....	....	50	62	53	43	41	46	55	50	55	57	55	59	63	58	63	56	56	63	45	52	....	....
St. Charles /	Maximum	78	63	71	69	77	82	85	82	81	70	72	85	86	66	66	73	82	80	84	85	83	86	85	83	84	79	79	89	79	78	....	78.7
	Minimum	52	39	46	48	61	60	69	68	51	48	52	70	62	48	46	48	56	55	54	65	59	61	59	69	65	62	58	64	53	53	....	56.7
Searcy	Maximum	64	72	70	78	77	85	88	78	69	65	83	83	62	70	74	85	77	88	88	86	84	87	82	86	83	80	90	82	81	83	....	79.3
	Minimum	48	36	41	43	55	58	69	63	49	49	58	62	52	47	43	46	55	49	60	59	57	58	60	62	64	61	57	60	48	52	....	54.0
Sheridan	Maximum	65	73	71	78	81	85	89	82	75	74	85	86	80	69	75	86	77	88	86	84	87	84	81	84	85	80	90	80	80	84	....	80.8
	Minimum	48	37	40	48	48	58	69	61	51	50	63	70	52	47	39	47	57	49	59	57	55	56	59	62	60	59	55	58	44	50	....	53.6
Siloam Springs	Maximum	61	73	71	75	78	83	83	76	75	69	78	81	56	70	75	85	86	84	87	78	80	80	71	79	73	80	85	77	79	85	....	77.1
	Minimum	37	34	50	53	61	54	68	54	45	49	66	55	42	30	40	49	47	60	61	63	58	62	65	64	55	51	57	59	46	56	....	53.0
Stuttgart	Maximum	76	64	68	69	77	80	84	86	80	68	70	82	85	64	65	79	76	84	85	82	82	83	82	84	82	77	85	77	75	80	....	77.7
	Minimum	50	40	45	47	57	61	64	68	51	55	51	68	62	48	45	53	53	61	62	55	61	61	65	66	63	60	60	51	54	65	....	56.7
Stuttgart Evap /	Maximum	75	62	70	68	72	80	83	87	80	73	68	81	84	65	70	70	80	75	84	81	82	84	84	81	84	81	77	87	78	76	....	77.4
	Minimum	51	39	45	47	56	59	64	68	52	49	50	68	62	48	44	48	54	52	58	61	59	60	61	65	68	63	56	63	49	51	....	55.7
Subiaco	Maximum	71	71	73	76	79	85	91	88	75	68	85	85	85	66	76	84	79	86	86	80	81	80	77	78	76	80	86	81	79	85	....	79.7
	Minimum	43	41	39	48	54	55	68	60	48	49	62	50	54	39	41	45	48	53	63	62	56	58	61	64	58	52	57	52	51	58	....	53.0
Texarkana	Maximum	68	74	74	77	77	83	90	78	68	84	88	88	64	70	75	82	86	87	85	83	84	82	80	84	74	81	88	81	80	86	....	80.0
	Minimum	50	40	46	49	55	64	68	64	56	57	66	63	51	43	49	50	56	58	59	61	60	61	64	64	60	58	60	63	57	63	....	57.2
Turnpike	Maximum	57	67	68	72	75	80	83	78	66	62	79	77	60	65	71	82	78	82	83	78	77	76	72	76	68	72	85	74	75	77	....	73.8
	Minimum	35	46	47	50	56	58	62	58	41	44	57	57	40	35	48	53	51	52	56	60	51	56	58	58	55	53	61	55	49	54	....	51.9
Waldron	Maximum	70	74	74	79	76	84	90	85	74	77	88	86	65	70	78	86	89	87	87	82	85	83	80	81	78	82	91	85	81	87	....	81.1
	Minimum	43	32	36	43	45	50	67	52	46	49	68	60	48	35	36	42	49	53	64	56	55	55	58	66	58	48	53	55	45	54	....	50.7
Warren	Maximum	74	73	71	78	83	85	90	85	72	74	86	88	85	73	73	82	84	83	86	85	84	84	84	84	76	81	89	82	78	81	....	81.1
	Minimum	62	38	41	46	59	63	71	64	55	55	64	74	56	49	45	47	53	56	60	64	60	56	62	66	64	62	58	56	52	56	....	57.1
White Rock	Maximum	60	71	67	73	72	80	79	70	68	61	77	74	65	67	71	83	80	82	81	77	77	77	71	73	69	73	84	77	75	80	....	73.8
	Minimum	35	43	47	47	55	55	62	58	44	44	59	60	39	37	48	52	56	55	61	61	61	58	55	58	55	54	59	56	61	55	....	52.7
Wilson	Maximum	....	....	68	74	80	86	85	80	70	63	82	84	69	60	68	82	82	84	85	85	79	84	85	85	84	82	87	82	73	79	....	[b]78.8
	Minimum	....	....	39	39	59	58	67	62	46	48	52	52	58	46	40	46	52	52	53	65	62	53	64	62	63	62	61	59	49	54	....	[b]54.4
Wynne /	Maximum	65	69	67	75	79	85	87	82	70	62	82	83	78	62	71	81	76	83	83	82	84	85	83	84	82	77	88	84	76	78	....	78.1
	Minimum	48	37	42	52	59	62	69	63	49	49	57	70	51	46	41	47	55	50	63	57	59	59	59	65	64	63	59	61	47	54	....	55.2

Daily River Stages for April, 1948

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	9.7	9.0	8.5	8.2	7.8	7.4	6.9	7.0	7.0	6.8	8.3	10.1	8.9	8.8	8.6	8.1	7.1	6.6	6.3	5.8	5.6	5.3	5.2	5.0	4.8	4.8	4.8	4.5	9.4	10.5	....
Van Buren	do	22	10.8	10.0	9.5	9.1	8.6	8.3	7.8	7.8	7.8	7.6	9.2	11.1	9.9	9.3	9.4	8.8	8.0	7.5	7.2	6.8	6.4	6.3	6.3	6.1	5.8	5.9	5.9	5.8	9.7	11.1	....
Danville	Petit Jean	20	5.1	5.0	4.7	4.5	4.2	4.1	4.0	4.0	4.0	4.4	18.1	19.5	21.0	21.5	19.3	17.0	16.0	15.9	16.2	16.2	16.3	16.2	15.9	15.4	13.4	13.1	9.9	11.2	14.4	14.8	....
Ozark	Arkansas	22	6.9	6.3	5.8	5.1	4.8	4.6	4.0	3.6	3.5	3.7	5.8	7.0	7.0	5.8	5.3	5.3	4.6	4.9	3.4	3.2	2.7	2.3	2.2	2.2	2.1	2.0	2.0	2.0	2.8	6.2	....
Dardanelle	do	22	9.3	8.5	7.7	7.0	6.6	6.2	5.8	5.4	5.1	5.1	6.5	9.2	10.7	9.8	8.3	7.6	7.2	6.3	5.6	5.1	4.7	4.6	3.8	3.9	3.8	3.8	3.7	3.7	3.5	5.1	....
Morrilton	do	30	6.4	4.7	3.8	2.9	2.4	1.6	1.2	10.8	10.3	10.2	10.7	13.6	14.8	16.8	16.2	14.8	14.1	13.6	12.8	11.8	11.2	10.7	10.1	9.6	9.6	9.6	9.4	9.3	9.1	9.0	....
Little Rock	do	23	8.4	7.0	6.2	5.4	5.0	4.6	4.3	3.9	3.7	3.8	4.5	5.6	7.8	9.5	9.3	8.1	7.4	6.8	6.2	5.5	5.0	4.6	4.0	3.4	3.0	2.9	2.9	2.7	2.7	2.5	....
Pine Bluff	do	25	12.4	11.3	10.2	9.4	8.6	7.9	7.4	7.0	6.5	6.2	6.7	7.5	9.6	11.8	12.8	12.2	11.2	10.6	10.1	9.2	8.4	7.7	7.2	6.4	5.6	5.2	5.0	5.0	4.9	4.6	....
Gilbert	Buffalo	30	4.9	4.8	4.8	4.6	4.5	4.4	4.4	4.4	4.3	4.3	4.4	4.5	4.8	5.3	5.1	4.9	4.8	4.8	4.6	4.5	4.5	4.4	4.3	4.3	4.4	4.5	4.6	4.5	4.5	4.4	....
Black Rock	Black	14	13.6	13.5	13.3	13.2	13.3	13.1	12.9	12.6	12.1	11.6	11.0	10.4	14.6	17.3	16.8	16.5	15.9	15.2	14.6	14.2	13.9	13.4	12.8	12.0	11.2	10.5	9.9	9.2	8.5	7.8	....
Forsyth, Mo.	White	30	7.6	7.0	6.5	6.2	6.2	5.4	3.7	2.9	3.5	3.3	2.5	4.6	4.2	2.1	1.6	1.8	1.3	1.1	1.3	1.5	1.2	1.0	1.0	1.0	1.2	1.2	1.1	1.2	1.3	1.4	....
Cotter	do	21	8.0	6.4	6.6	6.2	5.8	5.6	4.9	4.7	4.4	4.3	4.5	4.3	3.8	4.5	4.3	4.0	3.8	4.2	4.0	3.5	3.6	3.9	3.7	3.6	3.7	3.5	2.8	3.6	3.5	3.3	....
Calico Rock	do	18	7.3	7.6	6.8	6.2	5.9	5.6	5.4	5.4	5.2	4.4	4.4	4.4	4.4	5.2	5.0	4.5	4.2	4.1	4.1	3.9	3.8	3.8	3.8	3.8	3.7	3.8	3.8	3.5	3.8	3.6	....
Lock 3	do	..	12.8	12.9	12.1	11.5	11.1	10.8	10.7	10.2	10.0	9.8	9.7	9.6	10.2	10.3	10.6	10.2	9.8	9.6	9.7	9.5	9.1	9.2	9.4	9.2	9.1	9.0	9.1	8.9	9.2	8.9	....
Batesville	do	23	14.0	13.7	13.0	12.2	11.7	11.5	10.0	10.5	10.4	10.1	9.9	9.0	10.2	10.7	11.1	10.7	10.0	9.6	9.7	9.4	9.0	9.0	9.2	9.0	9.0	8.8	8.8	8.7	8.7	8.7	....
Newport	do	26	19.1	18.3	17.8	17.0	16.1	15.3	14.8	14.3	13.6	12.9	12.2	11.6	11.5	12.9	13.6	14.2	14.2	14.0	13.8	13.5	13.1	12.5	12.0	11.7	11.2	10.6	10.0	9.6	8.8	8.4	....
Augusta	do	32	31.2	31.1	30.8	30.6	30.2	30.0	29.3	28.9	28.3	27.7	27.0	26.4	26.0	26.3	26.9	27.4	27.5	27.5	27.3	27.1	26.8	26.4	25.9	25.4	24.9	24.4	23.8	23.2	22.6	22.1	....
Sugar Loaf Mt.	Little Red	..	6.3	6.0	5.7	5.4	5.2	5.1	5.0	5.2	6.4	5.8	5.8	6.3	6.9	11.3	8.7	7.6	7.0	6.5	6.2	5.8	5.5	5.3	5.1	5.0	4.9	5.0	5.0	5.3	5.0	4.8	....
Georgetown	White	21	21.0	21.1	21.1	21.0	20.7	20.5	20.2	19.9	19.5	19.0	18.6	18.0	17.6	17.7	18.0	18.2	18.1	17.8	17.7	17.4	17.1	16.8	16.4	15.9	15.4	14.9	14.4	13.8	13.3	12.6	....
Des Arc	do	24	22.3	22.4	22.5	22.5	22.5	22.4	22.2	22.0	21.8	21.6	21.0	20.6	20.5	20.4	20.3	20.3	20.3	20.2	20.0	19.7	19.4	19.1	18.7	18.3	17.9	17.5	17.0	16.5	16.0	15.5	....
Clarendon	do	26	26.9	26.9	26.8	26.8	26.8	26.8	26.8	26.8	26.7	26.6	26.6	26.4	26.5	26.4	26.3	26.2	26.0	25.9	25.8	25.6	25.5	25.4	25.2	24.9	24.7	24.4	24.1	23.7	23.4	23.0	....
St. Charles	do	25	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	26.1	26.1	26.1	26.1	26.1	26.0	25.9	25.8	25.7	25.5	25.5	25.3	25.2	25.1	24.9	24.8	24.6	24.4	....
Glenwood	Caddo	..	5.8	5.7	5.3	5.0	5.0	4.9	4.9	5.1	5.1	5.0	5.0	4.9	5.9	6.0	5.9	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.5	....
Arkadelphia	Ouachita	17	7.8	7.5	7.2	7.0	6.2	6.8	6.7	6.7	7.3	7.0	6.1	4.7	7.3	16.5	14.8	11.2	8.8	7.1	6.8	6.9	6.7	6.6	6.6	6.6	6.4	5.0	5.7	6.0	6.4	5.7	....
Boughton	Little Mo.	20	8.8	8.8	8.5	8.4	8.1	7.8	7.7	7.1	6.8	6.4	6.2	6.1	6.2	11.8	13.2	11.6	9.2	8.3	7.9	6.8	6.5	6.2	5.9	5.7	5.6	5.7	6.1	7.1	6.7	6.5	....
Camden	Ouachita	26	26.4	24.6	22.4	20.4	18.4	16.8	15.3	14.2	13.9	14.2	14.2	13.2	12.4	14.4	20.4	24.2	25.3	24.4	22.7	19.8	16.9	15.0	13.6	12.4	11.7	11.4	10.8	10.4	10.5	10.7	....
Benton	Saline	20	8.4	7.9	7.5	7.2	6.9	6.7	6.5	6.4	7.4	7.7	8.7	9.4	15.0	17.4	10.4	9.0	8.2	7.7	7.2	6.9	6.7	6.4	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	....
Index	Red	25	9.2	9.0	9.2	9.2	9.2	9.2	9.2	9.1	9.0	8.6	8.6	8.6	8.6	9.1	10.2	11.4	11.4	10.4	9.5	9.0	8.8	8.4	7.6	7.6	7.6	7.5	8.0	8.0	7.8	7.4	....
Fulton	do	25	10.8	10.6	10.4	10.4	10.2	10.0	9.8	9.6	9.5	9.2	9.2	9.2	9.4	10.4	12.9	14.5	15.0	14.1	12.5	11.1	10.2	9.5	8.6	8.0	8.0	8.5	8.7	9.1	9.4	8.7	....
St. Francis	do	18	18.3	18.5	18.7	18.8	19.0	19.2	19.4	19.4	19.4	19.2	19.0	18.6	18.7	18.9	18.8	19.0	19.3	19.4	19.3	19.1	18.9	18.6	18.2	17.7	17.0	16.2	15.2	14.1	12.8	11.8	....
St. Francis L.L.	do	..	23.9	24.0	24.2	24.3	24.3	24.3	24.3	24.2	24.2	24.1	24.0	23.9	24.1	24.1	24.0	24.0	24.0	24.0	23.9	23.8	23.8	23.7	23.7	23.5	23.4	23.4	23.3	23.2	23.0	22.9	....
Marked Tree	do	17	8.9	7.0	7.8	8.0	8.0	7.7	7.5	8.0	7.8	7.5	7.5	7.3	9.0	9.7	9.6	9.3	8.8	8.3	7.8	7.5	7.2	7.1	6.9	8.0	8.4	8.5	8.5	8.4	8.4	8.3	....
Parkin	do	28	20.1	20.2	20.1	20.2	20.4	20.6	20.8	21.3	21.9	22.1	22.0	21.9	22.2	23.2	23.7	23.7	23.3	22.8	22.4	21.9	21.4	20.8	20.3	20.0	19.8	19.7	19.6	19.4	19.2	18.9	....
Madison	do	32	24.7	25.0	25.3	25.6	26.0	26.4	26.7	27.3	27.7	28.0	28.1	28.1	28.5	28.6	28.6	28.6	28.4	28.0	27.6	27.2	26.8	26.4	26.1	25.9	25.6	25.6	25.5	25.3	25.2	25.1	....
Helena	Mississippi	44	40.9	41.6	42.3	42.9	43.5	44.0	44.4	44.8	45.1	45.2	45.2	45.0	44.9	44.7	44.4	44.0	43.7	43.4	43.2	43.1	43.0	42.9	42.8	42.7	42.7	42.8	42.9	42.9	42.9	42.8	....
Arkansas City	do	42	34.2	34.6	34.9	35.3	35.6	35.9	36.2	36.6	36.9	37.1	37.3	37.3	37.5	37.5	37.5	37.5	37.4	37.2	37.0	36.8	36.6	36.5	36.4	36.3	36.2	36.2	36.1	36.1	36.0	36.0	....

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals, Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Paron; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devi's Knob, Salus: Eagle Gap. Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1. Fordyce: Fort Smith Water Plant, Mountainburg; Green Mountain. Calico Rock; Index. Route 5, Texarkana; Lutherville. Route 1. Lamar: Moro Bay, Route 3, El Dorado: Morrilton. Route 3. Morrilton; Mulberry, Route 1. Mulberry; Odell, Route 1, Canehill; Rosebud, Route 1. Mt. Vernon: Sheridan, Hensley; Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove. Cord; White Rock, Route 2, Winslow.

W.B.R.P.O., Fort Worth, Texas. 6-17-1948-1225

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U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

CLIMATOLOGICAL DATA

3

ARKANSAS SECTION

WALTER C. HICKMON

Vol. LIII Little Rock, Ark., May, 1948 No. 5

Price: 25 cents per year (not stamps). Remit to Superintendent of Documents, Washington, D. C.

GENERAL SUMMARY

The weather during May was comparatively mild, and the final figures show that both the temperatures and the precipitation were just about normal. The precipitation was mostly in the form of showers, so amounts varied widely over the State.

Two weak storm systems(LOWS) moved over Arkansas during the first six days of May, giving some rain at all stations for about an average of 4 days.

The major portion of May's weather came from Cold Front movements from the Northwest, and were mostly thundershowers. Squall lines were associated with many of the Cold Fronts, and the storms were found mostly along these squall lines. None of these storms were classed as severe; one was accompanied by hail, which caused $50,000.00 damage(see Storms).

Agriculture fared well during the month, although the nights were too cool for the best growth, there was a definite lack of rainfall in the Northeast quarter of the State.

There were no floods during the month.

STORMS

Ellis Greer, aged 10, was killed when struck by lightning during a thunderstorm at Robertstown(Conway County) on the afternoon of the 5th.

Heavy Hail, up to ½ inch in diameter, fell over a large area extending from near Fayetteville into Missouri the evening of the 15th. The width of the path varied up to three miles, and damage was estimated at $50,000.00 The greatest damage occurred in Washington County, and was mostly to fruits and vegetables, with some grain destroyed.

Numerous other storms occurred over the State, but little or no damage was reported.

TEMPERATURE

The May mean was 68.7°, 0.3° below the 58-year average. El Dorado reported the highest mean with 72.8°, and Turnpike with 63.2° for the lowest. The highest daily temperature reported during the month was 97° on the 24th at Fordyce; Pine Bluff was second with 96° on the 21st.

Three stations, Gravette, Harrison, and Lead Hill, reported 35° for the lowest of the month. The lowest daily temperature for the majority of the stations was recorded on the 7th.

PRECIPITATION

The State average for May was 5.15 inches, 0.09 inch above the 58-year average. The rains were not general however, and being mostly showers, gave a wide range varying from 1.44 inches at Osceola to 9.53 inches at Mena. Stuttgart reported the second highest with 9.52 inches.

The southern half of the State received above average rainfall, while the Northeast was considerably below normal and the crops were deteriorating as a result.

Two hailstorms were reported, 5th and 15th; the one on the 15th causing $50,000.00 damage(see Storms).

MISCELLANEOUS PHENOMENA

Dates and number of stations reporting.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Thunderstorms	33	37	67	12	74	33	..	..	1	69	49	13	..	..	23	43	9	..	..	1	..	13	45	43	14	2	2	..	..	7	1
High Winds	11	16	14	6	22	18	..	13	12	19	9	1	1	1	5	9	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..
Heavy Fog	1	1	2	2	4	1	1	..	..	4	10	12	5	5	..	1	1	..	2	2	7	2	3	7	6	..	4	2	2	2	2
Sleet	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hail	8	12	11	..	15	1	..	..	..	7	1	..	..	..	4	3	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..
Killing Frost	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Pressure, Wind, Humidity, Sunshine and Degree Days

Station	Atmospheric pressure (reduced to sea-level)				Wind				Relative humidity			Percentage Sunshine	Degree days
	Highest	Date	Lowest	Date	Hourly veloc.	Max. veloc.	Direc.	Date	6:30 a.	12:30 p.	6:30 p.		
Fort Smith	30.24	19	29.44	1	7.3	38	sw.	10	87	54	59	59	21
Little Rock	30.26	19	29.56	2	7.8	28	nw.	10	82	57	60	65	9
Memphis	30.26	19	29.58	6	7.5	29	nw.	2	81	51	55	73	16
Texarkana	30.22	13	29.56	1	....	48	w.	3	87	56	60	..	5

COMPARATIVE DATA FOR MAY

Year	Temperature			Precipitation		Number of days			
	Mean	Highest	Lowest	Average	Average snowfall	Precip. .01 or more	Clear	Partly cloudy	Cloudy
1891	67.0	97	36	2.78	0.0	7	15	9	7
1892	76 8	95	36	9.52	0 0	13	8	11	12
1893	68.6	94	38	9.71	0.0	11	14	8	9
1894	70.1	95	35	3.40	T.	7	12	12	7
1895	69.0	97	36	3.91	0.0	8	13	11	7
1896	74.3	98	46	3.54	0.0	7	15	10	6
1897	68.3	99	33	2.18	0.0	5	17	9	5
1898	72.1	100	30	6.44	0.0	7	16	9	6
1899	72.9	96	44	6.45	0.0	10	10	12	9
1900	69.3	97	37	3.69	0.0	9	12	12	7
1901	68.2	100	31	2.95	0.0	7	12	13	6
1902	73.2	100	42	4.34	0.0	8	12	12	7
1903	67.5	96	24	7.47	0.0	12	9	11	11
1904	67.1	98	31	3.39	0.0	8	13	12	6
1905	70.7	98	38	9.58	0.0	12	9	11	11
1906	68.8	100	28	4.71	0.0	8	15	8	8
1907	63.8	91	31	9.48	0.0	13	7	13	11
1908	70.0	96	30	7.05	0.0	10	8	13	10
1909	67.0	92	28	6.76	0.0	10	14	9	8
1910	66.0	95	31	6.56	0.0	11	12	10	9
1911	70.8	101	26	1.11	0 0	3	19	10	2
1912	69.9	98	32	2.41	0.0	6	15	11	5
1913	69.3	99	35	3.32	0.0	7	16	10	5
1914	69.5	97	34	3.34	0.0	6	12	13	6
1915	69.9	101	34	5.58	0 0	9	12	9	10
1916	71.6	99	34	3.56	0.0	6	18	7	6
1917	63.5	97	31	3.15	0.0	6	15	7	9
1918	72.2	102	29	3.01	0.0	4	17	8	6
1919	66.8	96	38	6.01	0.0	12	9	9	13
1920	70 8	96	39	8.17	0.0	12	11	9	11
1921	69.7	99	29	2.25	0.0	5	18	8	5
1922	70.8	100	40	5.00	0.0	11	12	10	9
1923	67.2	98	27	8.24	0.0	12	11	8	12
1924	64.6	94	30	4.64	0.0	8	15	8	8
1925	68.0	102	26	1.88	0.0	4	17	7	7
1926	69.7	107	29	2.42	0.0	5	17	8	6
1927	71.7	97	32	6.54	0.0	9	12	9	10
1928	69.5	98	34	3.60	0.0	8	17	7	7
1929	67 6	97	30	6.21	0.0	13	9	9	13
1930	68.8	95	37	10.06	0.0	12	14	7	10
1931	65.2	96	27	8.45	0.0	8	15	7	9
1932	69.5	96	35	1.96	0.0	5	16	9	6
1933	71.8	96	41	6.27	0.0	10	14	7	10
1934	70.3	103	35	3.36	0 0	7	18	8	5
1935	66.7	94	35	8.86	0.0	12	9	8	14
1936	70.9	96	35	2.50	0.0	7	16	9	6
1937	71.1	99	36	3.63	0.0	7	15	10	6
1938	70.2	97	34	4.62	0.0	9	12	10	9
1939	69.4	96	34	4 85	0.0	10	13	9	9
1940	66.6	96	33	3.62	0.0	9	17	8	6
1941	71.4	97	40	2.22	0.0	6	14	10	7
1942	68.0	100	36	3.89	0.0	8	13	10	8
1943	71.0	95	38	7.89	0.0	10	10	9	12
1944	70.3	96	28	6.42	0.0	12	10	11	10
1945	66.2	99	32	5.23	0.0	7	13	9	9
1946	66.4	93	33	9.47	0.0	14	10	9	12
1947	67.4	95	35	5.50	0.0	9	13	10	8
1948	68.7	97	35	5.15	0.0	9	..	..	..
Period	69.0	107	24	5.06	T.	9	..	..	..

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Climatological Data for May, 1948

Stations	Counties	Elevation	Length of record, years	Temperature, in degrees Fahr.						Precipitation, in inches					No. of days				Prevailing direction of wind	Observers
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Total	Departure from the normal	Greatest in 24 hours	Date	Total snowfall, unmelted	With precip. 0.01 inch or more	Clear	Partly cloudy	Cloudy		
Alum Fork***	Saline	755	11	69.2	+ 1.1	90	22	44	7	4.26	−1.38	1.55	11	0	6					L. R. Water Works
Arkadelphia	Clark	200	52	70.4	− 0.4	91	3†	44	7	5.93	+0.73	1.79	11	0	9					W. H. Halliburton
Ashdown	Little River	329	4	70.1	......	91	22	42	6	6.73	......	2.10	10	0	10					Southwestern G. & E.
Batesville Airway	Independence	363	12	66.9	− 0.7	88	16†	44	7	3.66	......	1.20	10	0	8					Airway Observer
Batesville Livestk	Independence	500	7	65.9	......	88	22	41	7	4.82	......	1.43	11	0	7					University of Arkansas
Bee Branch	Van Buren	650	55	67.7	− 0.6	87	22	40	7	5.13	−0.07	1.83	11	0	7					Minnie Scaulan
Benton	Saline	285	12	68.0	− 0.2	90	23	41	7	5.32	......	1.63	11	0	8					Mrs. Etta C. Burks
Bentonville	Benton	1295	42	64.3	− 1.2	87	23	37	7	6.45	+1.36	....	....	0	11					E. L. Brown
Bethesda***	Independence	500	8	65.9	......	89	18†	38	7	4.50	......	1.43	11	0	5					Soil Cons. Service
Black Rock	Lawrence	259	46	....	......	....	....	....	....	2.97	−1.89	0.83	11	0	7					J. H. Ragan
Blytheville	Mississippi	252	22	70.2	0.0	91	22†	47	7	1.89	−1.70	0.95	3	0	5					R. E. Blaylock
Booneville 3 miles w	Logan	465	33	69.2	− 0.7	88	1†	40	7	5.89	+0.51	1.38	10	0	9					F. H. Randolph
Brinkley	Monroe	205	56	69.9	− 0.1	91	23	44	7	5.09	−0.30	1.74	4	0	9					Robert L. Glover
Camden	Ouachita	116	62	71.7	+ 0.7	95	24	45	7	6.10	+1.79	2.07	6	0	9					J. M. Knight
Camp Chaffee	Sebastian	419	4	^{a}68.7	......	90	2†	41	7	5.66	......	1.17	10	0	10					U. S. Army
Clarendon	Monroe	172	43	....	......	....	....	....	....	6.05	+1.60	1.71	4	0	10					B. F. Northern
Conway	Faulkner	309	64	69.5	− 0.5	89	22†	43	7	5.77	+0.60	1.42	11	0	10					G. Y. Short
Corning	Clay	293	54	67.5	− 0.9	89	22	43	7	3.77	−0.67	1.23	11	0	9					Mrs. Laura Polk
Cotter	Baxter	440	20	....	......	....	....	....	....	4.87	−0.11	1.34	24	0	10					O. B. McSpadden
Crossett 7 miles s	Ashley	175	35	72.0	+ 0.6	92	23	43	7	2.41	−1.73	0.71	26	0	6					U. S. Forest Service
Cummins Farm***	Lincoln	176	4	69.9	......	90	23	46	7	5.49	......	1.58	4	0	9					T. C. Cogbill
Danville	Yell	327	31	....	......	....	....	....	....	6.50	+1.50	1.62	25	0	10					J. A. Moudy
Dardanelle	Yell	330	61	70.2	− 0.1	90	1†	45	7†	4.31	−1.01	1.21	6	0	9					Geo. N. Goodier
DeQueen	Sevier	426	12	70.0	− 0.4	86	2†	43	7	8.97	+3.68	2.06	17	0	8					L. D. McCown
Des Arc	Prairie	204	9	68.6	......	89	24	47	7	4.18	......	1.40	4	0	8					Z. R. Glenn
Devil's Knob***	Johnson	2350	11	66.7	......	85	21†	45	7	5.32	......	1.51	6	0	8					U. S. Forest Service
Dumas	Desha	162	42	70.9	− 0.5	94	23	46	7	5.59	+0.93	2.55	6	0	8					Ben Johnson
El Dorado	Union	270	47	72.8	+ 1.2	93	24	42	7	5.25	+0.55	2.31	12	0	9					Airway Observer
Eureka Springs	Carroll	1465	47	65.8	− 0.9	86	21	42	7	6.43	+0.72	1.40	3	0	9					Geo. W. Nichoalds
Fayetteville	Washington	1334	10	66.1	......	86	21†	40	7	5.04	......	2.18	10	0	14					Charles F. Ford
Fayetteville Exp	Washington	1451	60	65.5	− 1.0	86	21	38	7	5.13	−0.29	2.20	10	0	11					University of Arkansas
Fordyce	Dallas	280	7	72.4	+ 1.1	97	24	41	14	5.97	+2.29	1.53	4	0	6					Ark. Forestry Com.
Fort Smith	Sebastian	448	66	69.0	− 0.6	90	1	43	7	5.41	+0.59	2.21	10	0	11					U. S. Weather Bureau
Fulton	Hempstead	260	62	....	......	....	....	....	....	5.36	+0.85	1.97	11	0	9					Ina J. Logan
Georgetown, 2 mi. se	White	200	35	....	......	....	....	....	....	4.68	−0.14	1.12	4	0	8					J. S. McDonald
Gilbert	Searcy	600	22	66.0	......	89	22	37	7	5.02	−0.12	1.70	11	0	10					D. O. Dennis
Grannis	Polk	950	28	67.9	+ 0.2	87	23	42	6	7.98	+2.07	2.23	11	0	12					W. E. McVay
Gravette	Benton	1250	50	65.3	− 0.3	85	16†	35	7	4.45	−1.09	1.78	10	0	8					J. A. Schmidt
Green Mountain***	Stone	1100	10	69.4	......	86	18†	43	7	3.49	......	0.95	5	0	7					U. S. Forest Service
Harrison	Boone	1052	47	64.1	− 2.1	85	16†	35	7	5.46	+0.15	1.55	5	0	10					R. C. Beene
Helena	Phillips	300	75	70.8	+ 0.1	92	24	50	8	4.08	−0.32	1.52	12	0	11					James A. Burnett
Hope 3 miles e	Hempstead	375	77	70.3	− 0.7	91	23	46	7	6.88	+1.79	2.08	11	0	9					Univ. of Arkansas
Hot Springs	Garland	600	55	71.2	+ 0.9	91	2	41	7	5.14	−0.60	1.99	11	0	10					National Park Service
Jonesboro	Craighead	345	52	67.8	− 1.9	89	21	45	7	2.18	−1.84	0.65	2	0	7					Benedictine Sisters
Keo	Lonoke	....	..	69.8	......	91	23	45	7	5.30	......	1.49	5	0	8					R. A. Waller
Lead Hill	Boone	650	41	64.7	− 2.2	90	21	35	7	4.16	−1.24	0.98	23	0	10					F. W. Kellogg
Little Rock	Pulaski	257	68	69.9	− 0.4	89	23	48	7	4.56	−0.22	1.27	10	0	12					U. S. Weather Bureau
Lutherville, 2 mi. e***	Johnson	775	49	67.6	− 0.3	86	15	43	7	5.33	−0.28	1.89	7	0	9					Mrs. H. G. Lenhardt
Madison	St. Francis	209	17	....	......	....	....	....	....	5.10	+1.44	2.30	4	0	7					J. W. Eppes
Magnolia, 2 mi. n.	Columbia	315	31	72.2	+ 0.3	92	23	45	7	6.88	+2.27	2.00	11	0	7					State Agri. School
Mammoth Spring	Fulton	600	43	63.6	− 3.0	88	20†	37	7	3.88	−0.73	1.31	11	0	9					L. A. O'Neal
Marianna	Lee	235	36	69.5	− 1.1	90	30	47	7	5.89	+1.97	1.45	4	0	10					Univ. of Arkansas
Marked Tree	Poinsett	229	43	69.1	− 0.1	90	17	46	7	3.02	−1.78	1.10	11	0	5					Chas. Walton
Marshall	Searcy	1050	29	65.0	− 2.0	87	21	39	7	3.58	−3.21	1.17	10	0	8					Mrs. Minnie Horton
Mena	Polk	1207	59	69.3	+ 0.5	90	22	43	7	9.53	+3.32	2.96	11	0	11					E. W. St. John
Monticello	Drew	273	7	71.2	......	91	23†	47	7	4.83	......	1.59	11	0	13					Airway Observer
Morrilton***	Conway	315	31	69.5	0.0	94	24	41	7	5.38	+0.76	1.67	11	0	8					L. A. Dicus
Mountainburg	Crawford	712	10	....	......	....	....	....	....	5.62	......	1.79	24	0	11					C. A. Lovell
Mountain Home***	Baxter	800	35	65.5	− 1.4	87	21	42	7†	3.15	−2.16	0.70	6	0	8					H. N. Halbert
Mount Ida, 2 mi. e	Montgomery	702	48	66.5	− 1.5	89	21	38	6†	6.66	+0.98	2.08	10	0	9					J. S. Whittington
Nashville	Howard	350	9	^{a}70.0	......	90	22	43	7	7.89	......	2.91	10	0	9					Brice Carruth
Newport	Jackson	231	64	69.2	− 0.7	91	22	46	7	4.38	+0.15	1.25	11	0	10					Willis T. Moyer
Nimrod Dam	Perry	475	6	68.9	......	90	24	45	7	5.26	......	1.90	11	0	10					U. S. Engineers
Oden, 2 mi w	Montgomery	800	20	^{b}67.9	......	87	29	40	19	5.89	+0.82	1.40	24	0	9					U. S. Forest Service
Okay	Howard	288	19	71.1	− 0.1	91	22	45	7	6.49	+1.63	2.84	12	0	7					J. T. Hargis
Osceola	Mississippi	250	47	....	......	....	....	....	....	1.44	−3.32	0.41	6	0	4					C. E. Carter
Ozark	Franklin	396	52	68.1	− 1.4	90	16	42	7	5.24	−0.24	1.38	11	0	9					Orkney O. Milton
Paragould	Greene	275	24	^{a}68.0	......	89	21†	44	8	2.60	−1.59	0.74	2	0	8					Jene J. Coffman
Parkin, 2mi. w	Cross	222	17	....	......	....	....	....	....	2.91	−0.26	1.18	4	0	6					Carroll King
Perryville	Perry	325	8	68.6	+ 1.1	90	15	39	21	7.19	+1.45	2.30	24	0	6					Gordon Bennett
Pine Bluff	Jefferson	215	60	71.7	+ 0.3	96	21	49	7	4.50	+0.09	1.20	6	0	12					Mary T. Scheu
Pine Ridge	Montgomery	840	23	....	......	....	....	....	....	5.05	−0.51	1.68	11	0	8					J. R. Huddleston
Pocahontas	Randolph	300	54	68.3	− 0.2	89	21	44	7†	3.22	−1.48	0.87	11	0	11					Benedictine Sisters
Portland	Ashley	122	41	71.5	− 0.2	92	23†	50	7	2.50	−2.20	0.85	5	0	7					Mrs. Pearl Newton
Prescott	Nevada	318	59	70.9	− 0.6	92	23†	49	7†	6.87	+1.98	2.30	11	0	9					R. P. Hamby
Rogers	Benton	1300	57	65.3	− 0.7	85	21†	38	7	5.77	+0.42	2.10	10	0	10					Howard Fowler
Russellville	Pope	526	35	69.8	− 0.2	89	15	43	7	5.65	+0.16	1.45	6	0	10					U. S. Forest Service
St. Charles	Arkansas	175	14	70.9	......	90	23†	52	7†	5.65	......	1.57	4	0	9					U. S. Biological Survey
St. Francis	Clay	290	20	....	......	....	....	....	....	3.37	−0.55	1.10	2	0	9					Wm. S. Buckley
Searcy	White	245	57	69.8	+ 0.8	90	2†	41	7	4.57	+0.05	1.10	24	0	9					Arthur D. Smith
Sheridan, 11 mi. n***	Grant	237	7	68.8	......	90	2	46	7	6.05	......	1.90	24	0	10					Ark. Forestry Com.
Siloam Springs	Benton	1150	7	65.7	......	86	22†	37	7	3.07	......	1.65	10	0	7					John Brown Univ.
Story	Montgomery	650	23	....	......	....	....	....	....	6.73	+1.86	3.54	10	0	6					S. C. Story
Stuttgart	Arkansas	214	60	69.1	− 1.0	87	2†	47	6	9.52	+4.89	2.90	4	0	12					George L. Clark
Stuttgart 9 mi. e.***	Arkansas	198	12	^{a}69.8	+ 0.3	89	24	48	7	7.98	+3.62	2.51	24	0	8					University of Ark.
Subiaco	Logan	750	49	67.9	− 2.1	88	23	45	7	6.37	+1.12	....	....	0	11					New Subiaco Abbey
Texarkana	Miller	332	63	72.0	+ 0.6	90	22	48	7	6.95	+2.43	1.70	10	0	11					U. S. Weather Bureau
Turnpike***	Pope	2240	23	^{a}63.2	......	85	29	40	9	8.56	+2.64	1.74	23	0	12					U. S Forest Service
Waldron	Scott	675	28	68.8	......	89	1†	39	7	4.61	−0.95	1.70	10	0	8					William D Bivens
Warren	Bradley	206	53	72.4	+ 0.8	90	22†	50	7	3.86	−0.70	2.07	12	0	5					C. N Turner
White Rock***	Franklin	2285	11	65.3	......	82	17†	40	7	5.74	......	1.36	10	0	9					U. S. Forest Service
Wilson	Mississippi	237	22	70.2	+ 0.3	89	30	47	7	2.23	−2.00	0.63	4	0	5					D. O. Anderson
Wynne	Cross	167	39	70.0	+ 0.5	89	30	46	8	2.78	−1.53	0.75	4	0	8					Guy B. Upton
State Means	....	....	..	68.7	− 0.3	97	24	35	7	5.15	+0.09	3.54	10	0	9					

Daily Precipitation for May, 1948

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Abbott[2]	Arkansas	T.			.34		.29					2.25	1.17	T.			.39								.44		.32				T.		5.20
Alum Fork Reser.	Arkansas	T.	T.	.65			.47				T.	1.55	.05				.87							T.	.67			T.	T				4.26
Aplin[2]	Arkansas		.24		.64		.60					1.97	.17				.50								.53	.15							4.80
Arkadelphia[2]	Ouachita				1.44		.59				T.	1.79	.30				.46	T.	.50						.23	.60	.02					T.	5.93
Arkansas City[2]	Mississippi			T.	.42		1.67					.87	.40	.17			.09	.06								T.		.02	.10				3.80
Ashdown[2]	Red			1.65		.54					2.10	.33				.69	.41	.09							.23		.21	.48					6.73
Augusta[2]	White		.12		.70		.50					1.65	.25	.10			.20								.34	.24	.23	T.	T.				4.33
Batesville Air'y[3]	White	.47		T.		.84					1.20	.12	.07											.59	.13	.24							3.66
Batesville Livestk[2]	White		1.27			.07	.91					1.43		.15										T.	.81	T.	.18						4.82
Batesville River[2]	White	T.	.93		.11		.85					1.38	.08	.03											.52	.30	.27						4.47
Beaty Lake	St. Francis	T.	.06	.29	1.29		.54				T.	.92	.03					T.						T.	.19	.05							3.37
Beaver[2]	White	.42	.64	*	.33		1.64				.13	1.04					.06								1.32								5.58
Bee Branch	Arkansas		.55		.25		.72					1.83		.10			.73	T.								.95							5.13
Beech Grove[2]	White		1.12		.10	T.	.53				.30	.55											.04		.31								2.95
Beedeville[2]	White			T.	.80		.34						1.02	.26											.51			T.					2.93
Benton[2]	Saline				1.05		.65					1.63	.13	.15			.65								.16	.90		T.					5.32
Bentonville[2]	Arkansas	.18	.22	.50	.03	.80					*	3.22	T.				.72						.27	.24	.27								6.45
Bethesda[2]	White		1.08		T.		.95					1.43													.84	T.	.20						4.50
Big Flat[2]	White		.33	T.	.04		.87				.11	1.05	.31	.09		T.									.73			.13					3.66
Big Lake Outlet[2]	St. Francis	.03	.73	T.	.24		.34					.64		.04				.07					T.		.07			T.	T.				2.16
Black Rock[2]	White	.03		.63	.12			.75				.83	.04												.57								2.97
Blytheville[2]	St Francis	.02		.95		.32		.35				.25													T.								1.89
Booneville 3 mi. w.	Arkansas		.53	.20	T.	T.	.33				1.38	.52	.21				1.27								.70	.75							5.89
Booneville[2]	Arkansas		.44		.21		.57					1.65	.68	.02			1.28								.73	.94	T.						6.52
Boughton[2]	Ouachita				1.73		.49			T.	T.	1.72	.56				.85									.22	.22						5.79
Bradford[2]	White		.12		.40		.35					1.71	.14	.11			.11								.51	.04	.33						3.82
Brinkley[3]	White		T.	.74	1.74		1.24					.68	.05				.05								.30	.25		.04					5.09
Burdette	Mississippi		.56		.27		.39					.21																	.10				1.53
Calico Rock[2]	White	T.	.38	.02		*	.88				T.	1.04	.20	.08			.20						T.		.85	.40	.14						4.19
Camden[2]	Ouachita			.13	.99		2.07					.89	1.77				.06									.14	.01	.04					6.10
Camp Chaffee[2]	Arkansas	T.	.71		.10		.20				1.17	1.15	.79				.38								.96	.13	.07	T.					5.66
Carlisle[2]	Arkansas				1.16		.55					1.50		.61		.25									.65	2.41			.05				7.18
Clarendon[2]	White		.01	.22	1.71		1.28					.57	.12			.10									1.23	.79	T.	.02					6.05
Clinton[2]	White			.30								1.50	.20				.61								.88	.08	.05		.02				3.64
Cold Springs[2]	Ouachita				.25		.63					2.03	.65				.55								.65	.60							5.36
Conway	Arkansas		.14	T.	.53		.57				.03	1.42	.22				.89							.73	1.15	.09		T.	T.				5.77
Corning[2]	White	.12	.54		.07		.56				T.	1.23	.48	.12			.10								.55								3.77
Cotter[2]	White	.06	.32				1.21				.14	1.04	.41	.02			.22								1.34	.11							4.87
Cove[2]	Red		.21		.49		.82				2.04	1.86	.02				1.10									1.10						.10	7.74
Crossett	Ouachita				.32		.51					.25	.44				.18										.71						2.41
Crystal Valley(nr)[2]	Arkansas		.19		1.32	T.		.71				2.47	.10	T.			1.46	T.							1.18	.87	T.	T					8.30
Cummins Farm	Arkansas		.28	.03	1.58		1.38				T.	.45	1.24				.30						T.		.15	.08		T.					5.49
Danville[2]	Arkansas		.57		.99		.85					1.56	.14	.01				.68								1.62	.07	T.	.01				6.50
Dardanelle[2]	Arkansas		.29		T.	.25	1.21					1.05	.17				.50								.27	.42		.15					4.31
De Queen	Red			.78			.23				1.62	2.04					.85	2.06								1.13	T.	.26					8.97
Dermott[2]	Mississippi			.01	.46		.96					.30	.48				.10										1.32	.02	.14				3.79
Des Arc[2]	White				1.40		.50					1.05		.24			.15	T.							.66	.15	.03	T.					4.18
Devils Knob	Arkansas		T.	.48	T.		1.51				1.18	T.	.53				.21							.15	.16	1.10							5.32
Dumas	Mississippi		.05	T.	.96		2.55				.02	.95	.95				.10						T.		T.			.01					5.59
Eagle Gap[2]	Arkansas	.03	.19		.43		.30				.03	2.90	1.61				.55							.90	.38	.71		T.	.04			.04	8.11
El Dorado	Ouachita				1.11		.60					.65	2.31	.04												.20	.20	.09	.05				5.25
Eleven Point[2]	White																																....
Eureka Springs	White	.52		1.40		1.05	.62				1.15	.15				.07								.87	.60								6.43
Evening Shade[2]	White		.72		T.		.91				T.	1.06	1.14	T.			T.								.57	T.	.23		T.				4.63
Fayetteville	White	T.	.06	.02	.01	.62	.35				2.18	.05	T.			.04	.93						.01	.01	.55	.20	T.	.01			T.		5.04
Fayetteville Exp. S.	White	T.	.02	.04		.14	.64				2.20	.22	T.			T.	.79							.06	.92	.09					.01		5.13
Fordyce	Arkansas	T.			1.53		.50					1.15	1.30				.79	.70									T.						5.97
Forester[2]	Arkansas			.80	T.		.50				1.00	2.20	3.05												.78	1.18							9.51
Fort Smith[1]	Arkansas	T.	1.00	.07		.23					2.21	.49	.09			.27	.31							.01	.56	.17		T.			T.		5.41
Fort Smith W. Plant[2]	Arkansas		.20		.04		.36					1.68	.49				.06								1.60	T.	.53	.06					5.02
Fulton[2]	Red				1.37		.25					1.97	.59				.35	.09	T.							.34		.07	.33				5.36
Garland[2]	Red				1.75		.41					2.88	.80				.20	T.								1.48	.12	.31	.29				8.24
Georgetown[2]	White				1.12		.65					1.08		.14			.20								.62	.24	.03	T.					4.08
Gilbert[2]	White	.02	.23		.03		.67				.20	1.70	.30	T.			.10								1.67		.10						5.02
Glenwood[2]	Ouachita				.48		.49					1.56	.05				.50									.79							3.87
Grannis[2]	Red		.02	1.17		.91				.03		2.23	1.20			.64	.05	T.						T.	1.49	.02		.10	.12		T.		7.98
Gravelly[2]	Arkansas		.04		.49		.47					1.70	.21				.58								.29	.34							4.12
Gravette	Arkansas		.59	.53			*	.60			1.78							.87						.05							.03		4.45
Greenbrier[2]	Arkansas																																....
Green Forest	White	T.					1.38	T.			.18	1.04	.19	T.			.13							.20	1.86								4.98
Green Mountain	White		.27		T.	.95					.33	.92	.12											.60	.30	T.							3.49
Greenwood[2]	Arkansas	T.	.59	.20			.35				2.31	.96	.23				.95							T.	.59	.22							6.40
Harrison	White		.96	.11		1.55	.16				.64	.32	.53				.65							.52		.02							5.46
Helena[2]	Mississippi		.04	.06	.80		1.05					.42	1.52					.03								.05	.03	.02	.06				4.08
Henderson[2]	White		.38	.20				.90			.76		.37			.05						T.		.48	T.	.09							3.23
Hope[2]	Red				1.81		.52					2.08	.77				.54	.01								.69		.05	.41				6.88
Horatio[2]	Red				1.87		.62					3.00	1.04				.61	.45	.28							.74		.05	.40				9.06
Hot Springs	Ouachita			T.	1.17		.68				.11	1.99	.15	T.			.19								.74	.02	.05	.04					5.14
Huntsville[2]	White																																....
Huttig Lock 7, Dam 6[2]	Ouachita			T.	.45		.47					.20	1.08				.16									.15	.40	.08	.06				3.05
Index[2]	Red				1.50		.25					1.75	1.00				.65	.25								.65		.25		.20			6.50
Jonesboro[2]	White		.65		.13		.35					.65	.25	.03											.12								2.18
Judsonia[2]	White																																....
Keo	White					1.49		.65				.87	.10				1.06							.10	1.01			.02					5.30
Lake City[2]	St. Francis	.55		.12			.40					.75	.76											.03		T.		T.					2.61
Lead Hill	White		.20	.22		.30		.42			.42		.23	.45				.62						.98	.32								4.16
Little Rock[1]	Arkansas	T.	.01	.86	.02	.66	T.				1.27	.09	.02				.53							.52	.55	.01	T.	.02	T.				4.56
Lock & Dam No. 3[2]	White	T.	.95		.05		.83					1.32	.42												.65	.23	.16						4.61
Lurton[2]	White		.79		.10		1.39				.02	1.44	.42	.03			.06								1.33	.12	.44						6.14
Lutherville	Arkansas	T.	.42	.11				1.89			1.35		.31	.19			.70	T.							.10	.26							5.33
Madison[2]	St. Francis		.05	.95	2.30		.95					.65	T.												T.	.15	.05						5.10
Magnolia	Red			.15	1.52		.53				T.	2.00		.97													1.34	.37	T.				6.88
Mammoth Spg[2]	White	.10	.26				.81					1.31	.25	.07			.06					.08			.94								3.88
Marianna[2]	St. Francis	.03		.26	1.45		1.19					.58	.85		1.17												.27	.05	.04	T.			5.89
Marked Tree[2]	St. Francis		.58	.04	.65		.65					1.10													T.		T.						3.02
Marshall[2]	White		.19		.08		.85				1.17	.05	.32											.70		.22							3.58
Marvell[2]	White			.89	1.84		1.03					.48														1.08							5.32
Melbourne[2]	White										T.	1.20	*	.15		T.								.55	.45	.22	.25				.80		....
Mena[2]	Ouachita		.27		.34		.62				.04	2.96	1.21				.99							1.20	.37	1.47		.06				T.	9.53
Monticello[1]	Ouachita			.84	.09	.64	.15				.44	1.59	.70				.13	.09					.09		.02			.04	.01				4.83
Morobay[2]	Ouachita				1.67		.66					1.10	.82													1.84	.29	.12	.03				6.53
Morrilton[2]	Arkansas		.18		.43		.97					1.67	.10				.65								1.30	.08	T.						5.38
Mountainburg	Arkansas		.24	.03		.15	.22				1.69	.55	T.					.16						.10	1.79		.53					.16	5.62
Mountain Home	White		.45			.30	.70				.50	.50	.20											.35	.15								3.15
Mountain View[2]	White	T.	.47		.03		.88					1.97		.49			.04								1.18	.07	.22						5.35

Daily Precipitation for May, 1948, Continued

Stations	Drainage Basin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Mount Ida	Ouachita				1.02		.85				2.08	1.02	.20				.14								1.16	.13			.06				6.66
Mulberry[2]	Arkansas	T.	.30		T.		.65					1.33	.61				1.64								.40	.29	.45	T.				T.	5.67
Nashville	Red			1.67	.10		1.24				2.91	.89	T.				.70	T.							T.	.14	.02	.22					7.89
Newport[2]	White		.45		.88		.50					1.25	.25	.05			.05								.55	.05	.35						4.38
Nimrod Dam[2]	Arkansas	T.		.53	.64		.38					1.90	.03		.03		.65								1.03	.05		.02	T.				5.26
Oark[2]	Arkansas																																....
Odell[2]	Arkansas	.18		.03			1.02				.14	2.56	.21												.96	.07	.77						5.94
Oden	Ouachita	.49		*	.96	.60					.40	1.04	.75				.25								1.40			T.					5.89
Okay	Red				2.03		.50				T.		2.84				.54	.10								.24		.24	T.				6.49
Osceola[2]	Mississippi		.39	T.	.35		.41					.29	T.										T.										1.44
Ozark[2]	Arkansas		.41		.11		.81					1.38	.91				.91								.23	.15	.33						5.24
Paragould	St. Francis		.74	.06	.38	T.	.30					.49	.43											.14	.06								2.60
Parkin[2]	St. Francis		.24	.39	1.18		.34					.67		.09																			2.91
Parthenon[2]	White																																....
Perryville[2]	Arkansas			T.	.70			.49				1.70	T.	T.			.40							1.60	2.30	T.	T.						7.19
Pine Bluff[2]	Arkansas		.03	.07	.81		1.20					1.16	.47	.07			.35	.03							.08	.22		.01	T.				4.50
Pine Ridge[2]	Ouachita		.27		.47		.67				T.	1.68	.62				.25									1.07		T.				.02	5.05
Pocahontas	White		.62	.05			.86				.10	.87	.10			.06							.08	.46	.01			T.	.01				3.22
Portland[2]	Ouachita				.85		.50						.05	.32			.56											.12	.10	T.			2.50
Prescott[2]	Ouachita	T.	T.	T.	1.77		.62					2.30	.55	T.			.30	.75								.31		.12	.15				6.87
Ratcliff[2]	Arkansas		.41		.21		.86					1.21	.39	.63			.22								*	1.68							5.61
Red Star	White	.19				.45					1.39	.95												.47	T.		.50						....
Rogers	White			.41		.76	.21				2.10	.02				.38							.80	.52	.53	T.		.04					5.77
Russellville	Arkansas		.27		.31		1.45				*	1.42	.19				.70							.51	.32	.48							5.65
St. Charles[2]	White			.36	1.57	T.	1.10					.48	.48	.50											.98	.17		.01					5.65
St. Francis[2]	St. Francis	.02	1.10			.04	.28					.83	.26	.13			.48								.23								3.37
Searcy[2]	White				.67		.66					1.06	.25	.19			.24							T.	1.10	.30	.10		T.				4.57
Sheridan	Ouachita			T.	1.22		.55				.08	1.42	.16				.52							.10	1.90	.04		.06	T.				6.05
Shirley[2]	White		.33				.74				.06	1.59	.19				.08							.70	.24	.41							....
Siloam Springs	White			.24		.12	.53				1.65	.01				T.								T.	.45	T.					.07		3.07
Sparkman	Ouachita																																....
Stamps	Red																																....
Steve[2]	Arkansas			1.74		.42					2.68	.37					.46								1.21								6.88
Story[2]	Ouachita				.24		.23					3.54	.50				.33									1.89							6.73
Stuttgart[2]	Arkansas	.10	.80	T.	2.90	1.25						.56	.76	.10			.50	T.							*	2.10	.38	.07					9.52
Stuttgart Evap[2]	Arkansas			.68	1.56		1.18					.48	.24	.02											2.51	1.31		T.	T.				7.98
Subiaco[2]	Arkansas		.35	*	.22	*	1.60				1.42	T.	.37				1.22							.58	.38	.23							6.37
Sugar Grove[2]	Arkansas			.64	T.		1.10					1.73	.35					.81							.34	.65							5.62
Sugar Loaf Mt[2]	White		.46		.39		.47					.92	.06				.21								1.87	.14	.36	.01					4.89
Texarkana[3]	Red			1.58		.26	.01			T.	1.70	1.03	T.				.50	.24							.66	.03	.02	.92	T.				6.95
Tichuor[2]	White																																....
Turnpike	Arkansas	.11	.52	.05	.06		1.66				1.40	.60	.39				.63							1.74	.46	.94							8.56
Viola[2]	White		.48				.48				.78														1.10								2.84
Waldron[2]	Arkansas	T.	T.	.28			.19				1.70	1.10	.15				.11						T.		.68	.40					T.		4.61
Walnut Grove	White		1.25	.08		.75					.33		1.38										T.	.25		.42							4.46
Warren	Ouachita			.21	1.05								2.07				.47											.06					3.86
Whitecliffs[2]	Red				2.40			.40					3.36				1.10	.10	T.							.32	.10	.10	.45				8.33
White Rock	Arkansas		.52	T.		.22	.66				1.36	.42	.43					.33						T.	1.28	.52							5.74
Wilson[2]	Mississippi		.50		.63		.40						.50	.20																			2.23
Wynne	St. Francis		.20	.72	.75		.25					.60					.02								.19	.05							2.78
Yellville[2]	White		.48				.93					1.20	.36				.59								.47	.05	.02						4.10

Daily Evaporation (inches), and Wind Movement (miles) for May, 1948

(See precipitation and temperature data in respective tables)

Station	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mthly
Bethesda	Evap.	.272	.556	.408	.060	.234	.234	.244	.256	.308	.144	.252	.136	.130	.222	.242	.400	.100	.282	.299	.274	.206	.304	.315	.045	.182	.097	.211	.140	.152	.245	.179	7.129
	Wind move	67	61	81	62	50	76	80	34	163	45	64	51	27	36	60	101	23	40	32	34	10	48	36	23	29	22	32	43	13	33	11	1,487
Hope Exp. Farm	Evap.	.262	*	.381	.247	.213	.230	*	.486	*	.397	.209	.132	.144	.183	.226	*	.462	.108	.263	.265	.228	*	*	.727	.206	.230	.084	.052	.172	*	.466	6.373
	Wind move	60	*	65	66	45	53	*	77	*	122	58	42	60	29	184	*	65	12	158	24	12	*	*	49	53	54	*	80	34	*	44	1,446
Nimrod Dam	Evap.	.203	.410	.267	.118	.208	.202	.262	.230	.200	.092	.262	.094	.054	.236	.244	.290	.226	.230	.278	.250	.256	.220	.303	.139	.020	.086	.146	.118	.224	.214	.179	6.261
	Wind move	68	75	85	66	44	80	62	48	80	77	51	23	19	42	21	56	31	11	44	37	17	9	12	48	14	16	11	11	20	20	20	1,168
Norfork Dam	Evap.	.087	.131	.393	.045	.132	.200	.147	.205	.218	.248	.092	.106	.054	.206	.241	.090	.254	.284	.264	.257	.252	....	.229	.179	.112	.061	.256	.204	.104	.327	.176	5.739
	Wind move	54	53	54	87	28	67	45	30	16	49	100	74	23	25	49	50	12	25	37	18	22	35	32	40	11	30	27	23	12	20	20	1,118
Russellville	Evap.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Wind move	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stuttgart Rice Exp. Farm	Evap.	.247	.062	.165	.089	*	.320	.179	.188	.260	.168	.058	.221	.101	.173	.186	.153	.191	.159	.245	.242	.428	.240	.199	.184	.043	.140	.176	.232	.169	.195	.215	5.628
	Wind move	95	85	100	70	*	70	75	30	115	120	70	40	15	25	10	90	35	15	30	30	15	35	15	35	30	45	35	35	5	5	15	1,390

Daily Temperatures for May, 1948

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alum Fork	Maximum	84	86	80	80	77	76	75	78	80	81	81	76	73	78	86	83	85	80	80	83	87	90	89	75	73	74	75	80	81	88	85	80.5
	Minimum	67	66	60	59	50	48	44	46	64	65	60	63	55	48	58	57	65	55	55	50	54	60	60	61	61	59	58	61	64	57	63	57.8
Arkadelphia /	Maximum	87	88	91	67	78	80	74	76	82	86	85	78	80	79	81	89	86	82	83	80	84	88	89	91	79	78	76	71	82	87	88	82.1
	Minimum	58	68	64	58	51	58	44	48	59	66	61	63	57	50	55	62	64	60	55	52	53	59	64	63	64	62	60	60	56	60	65	58.7
Ashdown /	Maximum	86	87	75	78	80	74	76	80	85	80	71	80	80	81	88	87	81	84	79	83	87	91	90	84	82	70	69	83	86	87	87	81.6
	Minimum	71	68	59	53	59	42	51	50	70	60	60	56	50	62	62	62	62	57	52	52	57	63	65	63	61	55	56	58	60	63	59	58.6
Batesville Air	Maximum	81	83	66	72	76	68	73	78	81	84	82	69	71	77	86	88	82	79	79	84	88	85	75	75	64	76	73	78	86	87	82	78.3
	Minimum	63	60	55	53	48	48	44	47	65	61	61	60	51	46	55	66	56	52	51	48	53	62	56	58	54	59	57	58	56	56	60	55.5
Batesville, Livestk /	Maximum	78	82	82	70	75	75	68	73	79	81	82	81	67	71	77	81	84	82	79	82	83	88	85	82	77	72	77	77	81	85	87	78.8
	Minimum	64	58	56	55	43	55	41	43	43	62	67	62	50	42	54	54	55	47	46	44	43	63	51	55	55	55	51	59	52	54	60	52.9
Bee Branch	Maximum	80	85	83	72	75	73	72	75	79	80	78	75	72	76	84	85	84	81	80	83	85	87	85	74	72	75	73	80	85	84	84	79.2
	Minimum	61	59	57	56	46	56	40	44	63	66	58	62	50	45	54	60	60	62	50	50	51	64	57	62	55	58	57	60	55	58	62	56.1
Benton /	Maximum	83	84	88	68	75	77	71	74	76	83	85	80	76	80	80	87	88	83	80	79	83	86	90	89	76	78	75	74	79	86	87	80.6
	Minimum	58	68	64	59	46	53	41	44	43	46	61	63	52	47	52	53	68	55	51	49	50	57	58	60	63	59	59	61	57	55	61	55.3
Bentonville /	Maximum	84	83	76	75	71	75	65	72	78	80	63	61	63	72	79	85	85	79	80	78	81	86	87	80	69	69	73	73	80	86	78	76.3
	Minimum	62	52	51	52	46	47	37	48	55	57	54	51	41	46	56	59	52	46	50	48	51	60	61	61	57	49	55	49	51	56	59	52.2
Bethesda	Maximum	78	82	80	65	72	74	68	72	80	81	82	81	68	70	77	86	85	89	89	78	82	86	84	73	75	72	77	75	78	85	85	78.4
	Minimum	58	58	53	54	42	55	38	42	63	65	59	62	48	41	53	65	54	47	46	53	47	61	50	56	55	55	51	59	54	53	58	53.4
Blytheville	Maximum	78	83	87	69	72	76	68	73	78	83	87	85	76	73	80	86	88	88	81	82	87	91	85	85	82	82	80	80	83	89	91	81.5
	Minimum	63	59	54	55	51	58	47	53	63	69	65	65	59	51	56	66	60	54	54	54	58	68	57	64	62	55	59	62	60	63	62	58.9
Booneville	Maximum	88	83	80	76	80	74	76	81	84	82	66	69	76	81	88	87	86	84	78	84	88	88	87	80	72	70	76	85	86	85	82	80.7
	Minimum	65	59	61	59	50	53	40	51	71	63	59	59	50	48	60	62	66	54	56	51	52	60	65	64	60	58	60	56	55	59	63	57.7
Brinkley	Maximum	81	90	82	75	76	72	74	79	83	86	84	78	75	78	87	87	84	82	83	85	88	89	91	78	76	79	77	83	86	89	82	81.9
	Minimum	65	70	55	56	51	58	44	51	61	66	64	65	57	48	54	69	64	53	52	49	52	62	57	62	59	57	59	60	56	57	60	57.8
Camden	Maximum	86	90	90	75	79	82	75	78	82	88	88	80	81	80	66	88	89	84	86	83	88	88	94	95	88	83	74	73	94	89	92	84.1
	Minimum	63	70	67	61	53	57	45	51	58	67	63	65	58	52	56	65	67	59	49	53	54	57	63	63	65	60	60	59	56	61	62	59.3
Conway	Maximum	85	86	79	74	79	75	76	81	83	83	80	75	75	81	88	86	86	82	82	84	88	89	83	75	74	77	79	82	87	89	85	81.5
	Minimum	63	61	61	58	49	57	43	47	64	67	59	64	53	48	56	61	65	54	51	51	53	54	60	62	60	58	60	61	57	60	62	57.4
Corning	Maximum	74	84	81	68	73	75	65	74	76	82	85	81	70	71	76	79	86	81	79	80	85	89	85	79	78	77	77	76	78	86	86	78.6
	Minimum	58	58	53	56	49	56	43	46	63	69	62	64	57	48	56	65	55	52	52	49	54	63	53	63	57	50	54	60	57	59	63	56.4
Crossett	Maximum	87	90	87	81	83	75	78	82	87	89	85	82	79	81	88	88	78	88	82	83	85	88	90	92	88	83	77	84	87	89	86	84.6
	Minimum	66	70	70	61	54	62	43	46	62	70	65	65	60	50	50	63	61	64	55	56	52	51	53	60	62	66	61	63	55	60	61	59.3
Cummins Farm	Maximum	85	88	80	75	76	69	67	79	85	87	82	77	73	77	86	84	84	81	81	83	86	89	90	77	75	76	74	82	85	89	87	80.9
	Minimum	62	68	60	58	52	58	46	50	60	66	63	64	56	51	53	62	64	57	57	53	52	57	62	64	64	61	61	62	56	61	64	58.8
Dardanelle	Maximum	90	87	81	78	82	77	75	83	85	82	74	73	77	83	90	88	87	87	87	84	84	84	88	87	76	66	76	77	83	88	88	82.2
	Minimum	65	62	62	58	52	52	45	45	50	69	62	62	55	50	67	64	64	57	54	53	53	54	65	64	62	58	57	62	58	61	63	58.2
De Queen	Maximum	84	86	83	78	78	74	73	79	82	78	66	78	79	79	85	84	82	81	78	81	85	86	85	81	78	72	68	82	84	83	84	79.9
	Minimum	68	70	63	59	52	58	43	52	68	61	61	60	59	57	60	63	64	64	59	53	54	58	65	65	64	62	58	59	58	61	64	60.1
Des Arc	Maximum	83	82	87	66	74	77	61	73	80	85	86	81	75	74	79	86	87	82	79	80	83	86	87	89	77	66	77	76	80	85	88	79.7
	Minimum	59	70	60	50	51	51	47	51	57	63	63	65	58	49	50	61	64	55	54	49	50	62	58	62	65	58	59	60	57	58	65	57.5
Devil's Knob	Maximum	78	81	74	70	70	69	70	80	78	76	74	65	69	78	82	83	81	84	82	84	85	85	82	74	71	74	75	80	78	80	79	77.1
	Minimum	57	62	56	51	53	51	45	58	59	57	51	52	47	50	61	60	62	59	61	63	65	62	59	53	54	50	53	58	58	59	57	56.2
Dumas	Maximum	86	90	84	78	82	74	75	79	77	76	77	80	76	72	87	74	83	81	82	85	88	80	94	82	78	78	75	82	86	90	87	81.2
	Minimum	64	71	62	60	65	60	46	49	61	68	65	65	60	52	54	65	65	56	56	53	54	59	63	65	67	63	62	62	58	61	65	60.5
El Dorado	Maximum	70	88	90	88	81	82	76	78	83	87	87	83	80	81	83	89	88	88	90	85	87	89	92	93	87	85	76	70	84	88	91	84.5
	Minimum	61	68	68	61	55	61	42	51	58	69	64	65	59	55	58	64	68	68	57	55	58	60	65	66	66	60	61	61	59	64	64	61.0
Eureka Springs	Maximum	84	77	72	70	79	64	72	77	81	78	64	59	70	78	83	85	80	79	76	81	86	84	80	71	69	71	74	80	83	80	81	76.4
	Minimum	66	54	51	53	48	47	42	53	67	57	57	53	43	50	57	63	58	51	52	51	56	63	64	61	57	52	54	53	56	59	63	55.2
Fayetteville	Maximum	84	78	78	72	77	66	74	78	82	76	64	60	72	78	83	84	81	82	80	81	86	86	84	75	67	72	76	80	84	79	83	77.5
	Minimum	67	54	57	54	47	48	40	52	67	56	56	53	43	45	63	57	57	48	53	49	49	60	64	62	56	56	57	52	52	57	62	54.6
Fayetteville Exp. S.	Maximum	83	76	77	72	77	64	73	78	81	77	63	60	70	76	82	84	78	78	77	82	86	85	83	78	68	72	74	81	85	81	83	76.9
	Minimum	67	52	56	54	46	48	38	52	66	56	57	52	43	46	64	56	57	49	51	48	49	61	62	61	56	54	57	51	52	56	61	54.1
Fordyce	Maximum	87	89	85	80	80	80	77	82	85	85	82	80	80	83	90	87	84	82	85	86	88	91	92	97	85	75	75	84	89	90	87	84.6
	Minimum	66	72	65	60	58	60	47	52	64	64	62	64	58	41	58	63	66	64	54	55	57	60	65	63	65	59	60	60	57	62	63	60.1
Fort Smith	Maximum	90	81	72	75	82	70	75	83	85	79	66	67	75	84	88	81	86	82	79	83	88	87	87	77	68	70	74	83	85	84	82	79.7
	Minimum	61	59	58	54	50	52	43	53	73	61	61	54	50	51	62	63	62	56	57	53	54	63	67	64	61	60	62	58	58	62	65	58.3
Gilbert /	Maximum	82	88	80	70	74	79	69	76	78	81	75	76	66	72	79	86	88	83	81	80	85	89	88	78	73	63	78	78	82	86	85	79.0
	Minimum	52	64	52	54	43	48	37	40	59	63	58	59	46	46	48	63	57	48	49	48	50	56	56	59	58	55	51	56	53	56	58	53.0
Grannis /	Maximum	84	84	75	73	72	70	74	72	80	75	65	75	75	77	85	83	85	83	77	80	81	86	87	81	77	71	68	81	84	84	84	78.3
	Minimum	67	66	56	49	55	42	47	57	68	58	58	53	49	57	59	61	60	54	52	55	60	63	63	61	58	56	57	58	61	64	56	57.4
Gravette	Maximum	84	80	73	71	75	65	72	78	80	78	60	65	72	76	82	85	82	79	77	80	85	85	82	76	69	74	77	82	84	78	82	77.0
	Minimum	64	51	53	53	48	48	35	51	67	55	55	51	42	46	64	56	55	47	52	48	50	61	63	62	58	52	57	48	50	58	62	58.6
Green Mountain	Maximum	83	80	77	85	79	70	74	77	80	78	79	74	75	72	78	82	84	86	84	85	86	84	79	76	74	79	78	80	80	79	81	79.3
	Minimum	70	67	57	67	52	47	43	51	62	64	59	54	44	47	52	55	60	68	64	68	70	70	54	60	56	61	61	66	64	62	66	59.4
Harrison	Maximum	82	80	71	70	70	72	72	76	80	78	71	65	69	78	83	85	79	78	73	81	85	84	80	70	78	73	77	80	83	83	81	77.0
	Minimum	61	50	49	48	40	46	35	40	63	57	53	52	41	42	58	63	53	42	47	46	49	57	60	60	55	52	52	54	51	53	59	51.2
Helena	Maximum	80	80	87	73	75	75	70	72	80	86	87	84	80	74	79	87	85	85	82	84	86	87	88	92	80	70	79	77	82	87	90	81.4
	Minimum	56	66	61	61	54	55	51	50	55	65	67	67	64	52	53	62	69	56	57	56	58	62	59	62	69	64	63	62	61	64	65	60.2
Hope /	Maximum	85	86	81	71	77	81	74	76	81	84	84	75	79	78	81	87	86	81	82	78	84	86	91	90	83	77	72	68	81	86	88	81.1
	Minimum	63	69	67	59	52	51	46	50	58	67	60	63	58	52	60	63	63	61	56	55	54	59	65	65	64	61	60	57	61	62	63	59.5
Hot Springs	Maximum	85	91	81	78	78	73	76	80	83	82	77	77	79	80	87	86	86	85	83	86	89	89	90	83	76	75	74	88	88	86	87	82.5
	Minimum	67	69	61	59	54	56	41	52	65	64	60	62	54	52	61	62	69	60	57	54	62	65	64	63	63	56	58	59	62	62	62	59.8
Jonesboro	Maximum	80	83	65	72	76	66	72	78	81	85	82	73	71	78	85	87	81	78	79	80	89	85	83	79	72	78	77	78	85	88	83	79.0
	Minimum	57	57	53	54	49	56	45	46	55	66	61	63	56	49	52	60	60	54	54	51	57	63	56	59	59	57	58	62	57	60	64	56.5
Keo	Maximum	84	89	75	73	76	72	74	79	84	85	80	78	74	78	87	87	84	80	81	83	87	88	91	76	78	78	74	79	85	88	83	80.8
	Minimum	65	69	61	59	50	59	45	51	61	67	62	65	54	49	55	63	66	55	53	51	54	61	59	63	63	60	59	62	57	60	64	58.8
Lead Hill	Maximum	87	78	69	72	76	67	72	77	82	76	72	67	71	79	85	88	80	80	79	83	90	85	71	71	72	72	79	83	84	83	83	77.8
	Minimum	57	57	51	52	41	52	35	42	60	60	54	54	48	41	59	64	50	44	44	44	46	57	58	62	56	48	50	53	50	51	60	51.6
Little Rock	Maximum	84	85	70	73	75	70	71	79	83	85	79	74	73	77	87	85	82	79	79	82	87	87	89	74	70	75	74	78	84	87	82	79.3
	Minimum	68	69	59	57	51	57	48	53	63	61	63	61	57	53	59	64	66	61	58	59	55	65	64	64	62	62	61	63	60	66	67	60.5
Lutherville	Maximum	84	82	83	74	76	68	71	77	79	74	70	68	74	77	86	82	84	80	78	80	84	84	85	82	70	74	75	79	85	85	81	78.4
	Minimum	60	57	55	55	48	52	43	49	66	60	58	59	52	48	56	61	62	58	55	54	53	60	62	61	60	56	65	54	54	62	64	56.7
Magnolia	Maximum	88	89	90	79	81	75	77	79	88	85	79	83	80	81	88	89	88	81	79	83	88	91	92	85	82	78	69	82	88	89	87	83.7
	Minimum	67	70	71	60	55	60	45	51	53	61	63	65	59	56	58	65	70	61	58	56	56	56	65	66	65	62	60	60	58	62	65	60.6
Mammoth Spring	Maximum	78	80	79	76	76	73	64	69	73	78	75	80	67	65	69	87	85	87	85	88	86	88	87	84	80	71	74	75	81	80	86	78.3
	Minimum	42	50	50	49	46	43	37	38	42	40	40	60	52	53	58	50	51	46	44	43	43	60	52	50	55	46	52	59	58	54	50	48.8
Marianna /	Maximum	78	88	73	73	74	69	71	80	83	85	83	80	72	77	83	83	83	80	80	83	86	86	89	78	70	79	80	80	86	90	86	80.3
	Minimum	61	67	58	58	55	58	47	50	55	60	64	64	60	50	56	65	67	55	54	52	53	62	61	63	65	61	61	61	56	61	61	58.7
Marked Tree /	Maximum	80	79	86	66	73	76	68	75	78	83	86	85	77	74	81	86	90	82	82	84	85	89	87	87	86	70	82	83	80	85	88	81.1
	Minimum	58	59	53	55	50	54	46	47	59	66	61	64	59	49	54	58	61	54	54	51	54	65	52	63	62	59	58	62	57	60	64	57.0
Marshall /	Maximum	83	78	66	72	75	71	74	73	80	78	75	66	72	76	82	86	76	78	73	82	87	85	77	70	67	70	70	75	83	81	79	76.1
	Minimum	68	56	55	55	43	53	39	50	65	63	58	57	47	42	59	63	55	47	47	45	50	58	57	57	55	55	52	57	52	51	57	53.8
Mena	Maximum	86	84	75	77	80	71	78	80	83	77	65	72	77	82	89	87	85	84	81	85	88	90	88	81	75	68	74	80	85	86	84	80.5
	Minimum	67	69	61	57	49	54	43	53	67	60	59	59	54	47	61	62	67	57	55	50	53	61	63	64	62	57	58	56	55	59	62	58.1
Monticello	Maximum	81	83	75	78	77	73	74	80	85	85	84	79	76	78	86	85	82	81	82	84	86	90	91	82	86	72	76	82	87	91	87	81.9
	Minimum	66	72	60	58	55	53	47	53	61	66	64	64	58	54	56	64	64	62	58	59	55	58	65	63	63	62	62	62	58	66	68	60.5
Morrilton /	Maximum	84	88	86	68	77	79	71	76	80	83	82	80	73	78	80	92	87	86	82	80	85	88	88	94	75	65	63	77	82	89	90	80.9
	Minimum	55	62	62	58	51	53	41	53	54	68	61	62	54	51	58	63	64	56	55	54	57	64	63	63	62	59	55	61	59	61	62	58.1
Mountain Home	Maximum	85	77	65	72	74	66	71	77	78	77	75	71	69	78	84	86	80	78	78	86	87	83	72	75	68	75	77	80	84	83	81	77.2
	Minimum	58	55	53	55	44	52	42	44	62	63	58	59	50	42	54	66	55	48	48	47	52	60	57	56	53	50	55	59	52	54	61	53.7
Mt. Ida	Maximum	86	88	80	76	78	70	72	80	82	79	76	70	79	78	86	88	87	86	82	84	89	82	86	83	78	76	74	82	86	85	83	81.0
	Minimum	49	54	56	60	50	38	38	46	50	51	56	54	56	48	50	52	65	50	47	45	47	62	64	56	57	54	59	57	45	47	46	51.9
Nashville	Maximum	85	78	74	77	79	74	74	80	84	81	74	78	79	79	87	86	82	82	79	82	85	90	89	82	79	74	69	82	86	87	86	80.7
	Minimum	66	55	62	60	53	59	43	48	67	60	61	62	58	51	60	63	66	62	59	55	52	58	....	65	65	63	59	59	59	62	66	[a]59.3
Newport	Maximum	83	86	69	75	79	70	75	80	84	88	83	75	74	80	88	89	84	83	83	86	90	91	86	81	66	82	80	81	87	89	77	81.4
	Minimum	66	61	57	58	50	52	46	47	54	65	62	64	58	48	52	56	60	53	54	50	54	66	56	60	60	59	57	60	56	59	63	56.9
Nimrod Dam /	Maximum	85	86	86	71	77	79	71	78	81	83	78	82	75	76	83	88	88	86	82	79	84	88	88	90	76	70	76	82	87	87	88	81.6
	Minimum	51	62	51	53	47	47	45	46	62	70	60	63	55	48	57	62	65	55	51	51	51	60	60	60	60	57	58	59	56	57	60	56.1
Oden	Maximum	71	77	80	72	77	80	....	86	86	75	66	70	77	83	75	....	70	76	84	86	84	74	74	82	85	85	78	82	87	79	83	[b]78.8
	Minimum	60	54	46	57	44	47	....	58	64	60	59	61	57	45	59	58	61	58	40	59	64	61	59	57	54	59	64	57	58	62	66	[a]56.9

Daily Temperatures for May, 1948, Continued

Stations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Okay	Maximum	86	88	88	77	80	76	76	81	80	80	70	81	81	80	88	86	86	82	83	82	86	91	89	88	82	77	70	84	88	89	87	82.6
	Minimum	68	73	65	60	55	60	45	52	54	50	61	59	58	53	55	64	66	58	56	54	56	55	66	65	66	62	58	61	61	63	64	59.5
Ozark	Maximum	87	87	85	71	77	80	70	73	80	82	76	68	70	76	80	90	82	86	80	80	82	85	86	85	79	66	70	75	75	85	85	79.1
	Minimum	61	58	60	57	51	54	42	46	56	70	60	60	50	49	52	62	62	55	57	53	54	57	67	65	64	58	69	56	66	57	60	57.0
Paragould	Maximum	84	81	....	77	76	73	73	78	82	87	83	81	71	79	84	87	79	78	77	85	89	84	85	82	77	80	79	79	89	84	85	[a]80.9
	Minimum	62	57	....	53	48	57	45	44	62	67	62	61	56	46	50	65	56	50	51	47	52	52	50	58	58	55	54	64	58	62	52	[a]55.1
Perryville	Maximum	84	86	72	75	80	72	78	80	85	83	80	75	78	80	90	87	84	81	80	83	88	88	89	75	76	74	75	81	86	89	84	81.2
	Minimum	49	62	60	56	45	58	50	42	68	65	59	63	60	45	53	62	64	66	49	47	39	52	59	62	58	56	59	59	55	56	59	66.0
Pine Bluff	Maximum	85	84	90	69	77	81	72	76	83	86	87	80	77	77	81	90	86	85	84	83	96	88	88	92	78	74	77	73	81	88	92	82.6
	Minimum	59	69	62	60	53	59	49	52	57	69	64	65	59	54	57	64	64	60	59	57	58	63	65	66	66	61	62	62	59	64	65	60.7
Pocahontas	Maximum	85	81	79	73	76	69	74	78	82	85	82	80	71	78	83	88	85	81	81	84	89	87	80	78	76	79	77	79	88	88	84	80.6
	Minimum	54	57	53	56	47	56	44	44	61	67	61	64	55	45	53	66	56	52	53	51	54	64	53	61	57	54	65	62	56	61	62	55.9
Portland	Maximum	80	85	88	85	72	75	72	74	78	85	86	85	80	78	77	87	84	84	82	82	86	86	92	92	85	81	82	86	84	85	86	82.7
	Minimum	65	65	70	62	57	60	50	51	52	63	65	65	60	57	55	65	66	58	56	56	56	57	58	65	67	61	63	64	60	62	66	60.2
Prescott	Maximum	85	87	90	70	78	81	75	76	82	85	84	76	79	80	82	87	82	82	83	81	84	87	92	92	83	78	75	69	83	88	90	82.3
	Minimum	60	68	66	60	53	54	40	49	51	67	61	61	58	53	54	63	66	66	56	57	56	57	63	64	65	62	59	58	61	62	66	59.5
Rogers	Maximum	83	75	76	73	76	65	71	78	78	75	62	61	70	77	84	84	79	80	77	80	85	85	84	74	75	73	73	79	83	79	82	76.6
	Minimum	64	51	52	54	47	45	38	50	67	56	55	52	44	46	62	60	56	50	50	50	51	62	63	61	57	52	56	52	54	57	61	54.0
Russellville	Maximum	86	85	84	76	79	76	73	80	83	80	73	72	77	81	89	86	86	85	81	83	87	87	86	76	75	75	76	83	86	87	85	81.2
	Minimum	61	63	61	64	49	57	43	48	69	65	61	63	53	48	58	63	64	55	55	51	53	62	64	63	62	61	58	57	57	60	63	58.4
St. Charles /	Maximum	80	81	87	75	75	77	77	72	79	80	86	85	80	75	80	87	85	85	80	80	83	86	90	90	78	74	79	78	80	85	90	81.3
	Minimum	69	69	60	60	55	59	52	60	60	67	71	65	60	52	55	64	66	55	55	52	55	61	65	55	65	62	60	62	59	62	63	60.5
Searcy	Maximum	85	90	77	72	77	71	74	79	82	86	81	75	73	79	87	86	85	81	81	88	85	88	90	77	73	76	75	77	86	88	85	80.9
	Minimum	59	65	59	59	50	57	46	47	63	67	62	65	54	49	53	64	65	56	54	54	53	65	59	62	57	61	61	64	58	62	66	58.6
Sheridan	Maximum	85	90	71	75	78	71	74	80	84	85	80	76	76	80	87	85	82	80	79	84	86	86	89	82	74	76	71	80	85	88	84	80.7
	Minimum	49	70	60	57	52	58	46	50	62	67	61	63	51	48	52	62	65	54	50	48	54	59	64	53	62	57	57	60	57	57	59	56.9
Siloam Springs	Maximum	79	82	79	70	75	65	73	79	81	78	60	65	72	77	85	84	81	80	78	81	85	86	86	78	70	74	76	81	85	83	84	77.8
	Minimum	63	52	55	63	47	49	37	53	69	56	54	52	43	46	46	59	55	48	50	49	49	61	61	62	60	55	58	48	52	60	58	53.5
Stuttgart	Maximum	82	87	70	73	76	75	70	79	83	84	80	74	72	75	85	83	81	76	80	80	85	86	87	74	69	76	71	70	69	81	83	77.9
	Minimum	68	59	69	54	59	47	52	59	68	64	65	57	53	57	62	59	59	67	57	58	68	63	63	64	61	60	61	64	62	61	60	60.3
Stuttgart Evap. /	Maximum	80	83	88	69	....	75	68	71	77	83	84	82	76	73	76	85	85	83	80	81	83	85	87	89	74	69	77	71	80	85	88	[a]79.6
	Minimum	62	65	60	59	....	54	48	53	61	67	65	65	57	51	51	63	66	57	57	57	54	62	62	65	65	60	61	61	61	65	66	[a]60.0
Subiaco	Maximum	87	79	78	74	80	71	69	76	80	80	67	66	73	79	86	82	84	78	79	78	85	86	88	84	71	71	74	78	83	85	81	78.5
	Minimum	65	60	59	57	54	50	45	51	56	60	59	60	52	49	49	62	65	56	54	52	57	62	62	63	57	58	58	67	56	59	62	57.3
Texarkana	Maximum	86	86	82	76	81	73	76	82	86	83	72	78	79	81	87	85	82	84	80	83	85	90	88	86	81	69	70	82	86	88	88	81.8
	Minimum	70	73	62	60	57	56	48	57	68	61	63	64	60	55	65	64	65	65	59	58	58	62	68	66	64	63	58	62	63	66	67	62.2
Turnpike	Maximum	79	76	70	71	73	70	72	69	65	70	62	62	66	77	80	81	76	78	73	71	80	81	76	68	66	67	69	73	85	80	76	72.9
	Minimum	61	52	55	52	54	46	47	41	40	51	59	....	....	58	56	59	60	44	52	45	49	64	60	59	50	51	55	45	62	61	61	[b]53.4
Waldron	Maximum	89	83	78	75	81	75	75	82	85	83	65	68	74	82	88	88	86	84	79	84	88	89	88	85	75	69	77	82	86	87	85	81.1
	Minimum	67	65	58	58	46	54	39	47	70	60	58	58	50	45	56	63	64	54	52	48	51	54	61	63	61	58	60	55	63	57	62	56.5
Warren	Maximum	85	86	82	81	78	78	75	79	82	83	83	78	76	78	83	84	82	81	81	84	84	90	90	84	80	78	76	83	86	90	87	82.2
	Minimum	65	74	69	61	54	67	50	51	63	70	67	66	60	62	62	63	67	59	68	58	57	64	65	64	62	63	63	64	65	65	63	62.5
White Rock	Maximum	81	77	67	71	73	78	73	71	72	72	61	66	70	74	81	80	82	82	82	82	82	81	78	73	66	69	71	76	79	77	80	75.1
	Minimum	63	54	47	51	52	58	40	42	45	56	55	53	47	52	59	58	63	59	56	57	56	65	65	49	53	64	52	58	66	65	69	55.5
Wilson	Maximum	76	86	75	74	76	72	72	78	84	87	84	80	74	79	84	87	85	80	81	87	87	88	87	86	79	79	79	81	81	89	84	81.3
	Minimum	62	63	56	59	61	58	47	51	62	69	62	67	60	50	55	57	61	65	62	60	65	54	58	60	64	60	60	64	59	54	65	69.0
Wynne /	Maximum	77	88	78	74	75	68	72	79	82	85	83	77	73	78	84	86	83	80	81	84	87	86	88	80	76	78	78	81	87	89	84	80.7
	Minimum	66	61	55	58	64	58	49	46	62	69	64	66	62	49	58	55	64	54	55	52	53	66	60	64	60	60	62	62	61	57	62	59.2

Daily River Stages for May, 1948

Stations	Rivers	Flood Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fort Smith	Arkansas	22	10.0	8.4	6.8	5.8	5.3	6.0	5.0	6.5	6.1	5.1	7.0	9.8	13.0	12.6	12.8	11.3	11.8	11.9	9.9	8.8	7.8	6.9	6.6	6.4	6.5	7.4	7.4	9.3	7.8	7.1	6.1
Van Buren	do	22	10.8	9.2	7.6	6.7	6.3	6.0	6.0	7.0	7.0	6.1	7.8	10.3	13.7	13.5	13.6	12.3	12.3	12.8	10.7	9.6	8.8	8.0	7.7	7.4	7.5	8.3	10.0	10.2	8.8	8.1	7.3
Danville	Petit Jean	20	14.8	14.5	8.9	6.4	4.0	6.2	5.3	4.7	3.9	3.8	7.5	10.4	14.0	14.5	15.2	15.3	14.0	10.4	13.2	10.3	4.2	3.8	3.6	3.9	4.1	4.2	5.1	5.6	6.1	6.4	6.2
Ozark	Arkansas	22	7.0	6.2	4.6	3.4	2.6	2.2	2.2	2.2	3.3	2.2	2.2	5.7	8.7	9.8	9.4	9.4	7.8	8.7	7.7	6.0	5.0	4.1	3.9	3.2	3.1	3.3	4.3	6.2	5.4	3.6	3.6
Dardanelle	do.	22	8.2	8.5	7.3	5.8	4.7	5.3	4.8	4.2	4.1	4.8	5.2	6.0	8.9	11.8	11.7	11.6	11.1	11.0	10.6	9.0	7.5	6.3	5.3	4.8	4.6	4.5	4.8	6.0	7.5	6.4	5.3
Morrilton	do.	30	10.3	13.2	13.8	12.8	11.2	9.8	10.0	10.2	9.4	9.1	9.8	11.0	12.8	14.6	17.0	17.0	17.2	16.4	15.6	15.9	14.4	12.8	11.6	10.6	10.0	9.9	9.8	10.0	11..	12.6	11.8
Little Rock	do.	23	2.6	5.0	5.7	5.2	4.2	3.3	3.0	3.4	2.8	2.5	2.9	3.7	4.6	6.4	8.6	8.9	8.7	8.2	7.2	7.5	6.4	5.2	4.3	3.8	3.5	3.4	3.2	3.0	3.5	4.6	4.4
Pine Bluff	do.	25	4.2	5.0	7.8	8.6	7.7	6.4	5.4	5.1	5.3	4.6	4.4	5.0	6.2	7.5	10.3	12.0	11.9	11.8	10.9	10.5	10.5	9.2	7.8	6.6	6.1	5.7	5.5	5.2	5.0	5.7	7.0
Gilbert	Buffalo	30	4.3	4.3	4.3	4.2	4.2	4.3	5.7	5.1	4.8	4.5	5.6	6.7	7.4	6.4	5.7	5.3	5.2	4.9	4.7	4.5	4.4	4.3	4.2	6.5	6.2	4.8	4.7	4.5	4.4	4.3	4.1
Black Rock	Black	14	7.3	6.9	6.6	6.3	6.3	6.4	6.5	6.2	6.0	6.8	5.9	7.4	8.6	8.0	7.4	6.9	6.6	6.3	7.0	7.3	6.9	6.9	6.0	5.9	5.9	5.8	5.8	5.7	5.4	5.0	4.7
Forsyth, Mo.	White	30	1.2	1.8	1.3	2.9	1.4	1.5	3.8	4.8	4.6	3.4	6.0	6.3	8.6	8.7	7.6	7.0	6.5	6.2	6.1	4.6	3.2	2.1	1.2	4.2	4.4	3.8	2.0	1.4	1.0	1.1	2.6
Cotter	do	21	3.5	3.5	3.4	2.3	3.6	3.6	4.3	4.4	4.3	4.4	4.6	4.9	5.9	7.5	8.0	8.0	6.4	5.9	5.4	5.3	6.0	4.2	4.1	4.1	3.0	3.8	4.1	4.2	3.8	3.5	2.9
Calico Rock	do	18	3.0	3.0	2.7	2.8	2.3	2.8	2.9	3.8	3.9	3.9	4.0	4.9	6.0	6.5	7.9	6.9	6.0	5.6	5.0	4.8	4.8	4.2	3.4	3.0	3.6	3.3	3.4	3.6	3.1	3.1	2.7
Lock 3	do	..	9.0	8.6	7.9	8.5	8.2	8.2	8.6	9.0	9.5	8.8	10.0	10.0	11.2	11.7	13.0	12.9	11.3	11.4	10.7	10.5	10.4	9.9	9.3	8.7	9.2	9.3	9.2	9.5	9.4	9.1	7.9
Batesville	do	23	8.6	8.1	7.7	7.8	7.6	7.5	7.9	8.1	9.1	8.7	10.0	10.0	11.2	11.7	13.1	13.5	11.7	11.5	11.0	10.3	10.1	9.8	9.0	8.4	8.3	9.0	8.7	9.0	8.9	8.4	7.6
Newport	do	26	7.9	7.5	7.2	6.4	6.2	5.8	6.2	6.2	6.5	6.8	6.7	8.3	9.2	10.7	11.4	12.6	12.4	11.0	10.3	9.6	9.1	8.7	8.1	7.2	6.4	6.5	6.5	6.3	6.5	6.3	5.9
Augusta	do	32	21.4	20.9	20.4	20.0	19.4	18.9	18.5	18.6	18.6	19.1	19.4	20.1	21.3	22.2	23.7	24.6	25.2	24.7	24.0	23.2	22.5	22.0	21.4	20.8	20.0	19.6	19.2	19.0	18.9	18.9	18.7
Sugar Loaf Mt.	Little Red	..	4.6	4.6	4.5	4.5	4.4	4.4	4.4	5.4	5.1	4.9	5.0	10.1	8.2	7.5	6.7	6.1	6.7	6.1	5.5	5.1	4.7	4.7	4.5	4.8	4.5	5.3	5.1	5.1	4.9	4.7	4.5
Georgetown	White	21	11.9	11.3	10.7	10.1	9.5	8.9	8.6	8.4	8.4	8.7	8.9	9.7	11.6	12.7	13.4	13.8	14.2	14.4	14.1	13.5	12.8	12.1	11.5	10.9	10.4	9.6	9.2	9.0	8.8	8.7	8.5
Des Arc	do	24	14.9	14.2	13.6	13.2	12.6	12.1	11.5	11.0	10.8	10.8	11.2	11.7	12.7	14.1	14.9	15.4	15.8	16.0	16.1	15.8	15.3	14.8	14.2	13.7	13.1	12.6	12.1	11.8	11.6	11.4	11.1
Clarendon	do	26	22.6	22.1	21.6	21.3	20.8	20.4	19.9	19.8	18.7	18.3	18.0	17.9	18.0	18.5	19.0	19.5	19.9	20.2	20.4	20.5	20.5	20.4	20.0	19.8	19.7	19.0	18.4	17.8	17.3	17.0	16.7
St. Charles	do	25	24.2	24.1	23.9	23.8	23.6	23.4	23.1	22.7	22.3	21.8	21.4	20.8	20.3	19.8	19.5	19.4	19.4	19.6	19.7	19.8	19.8	19.9	19.8	19.6	19.8	19.3	18.8	18.1	17.4	16.9	16.4
Glenwood	Caddo	..	5.5	5.4	5.4	5.4	5.5	5.5	5.5	5.5	5.4	5.4	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.2	6.1	6.0	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7
Arkadelphia	Ouachita	17	5.5	5.0	3.9	6.3	6.3	5.6	5.7	5.5	4.4	3.8	10.4	10.0	11.7	9.1	9.5	7.6	7.1	7.0	6.8	4.7	4.0	4.5	3.9	3.8	4.6	4.1	3.7	3.6	4.4	3.8	4.0
Boughton	Little Mo.	20	6.2	6.0	5.8	6.9	9.8	8.5	8.4	8.6	7.9	7.2	12.1	16.8	19.4	16.8	15.0	10.6	11.5	11.0	10.6	9.3	8.2	7.5	7.1	6.8	6.0	5.8	5.4	5.2	5.2	5.2	5.0
Camden	Ouachita	26	10.2	8.7	7.6	7.3	9.7	13.3	14.7	15.3	15.0	14.0	12.2	14.3	20.2	23.2	24.2	25.0	25.5	24.5	22.8	20.3	16.9	13.4	10.8	9.3	7.9	7.4	7.6	7.5	7.0	6.6	7.0
Benton	Saline	20	5.5	5.3	5.1	5.4	6.6	6.2	6.0	5.9	5.6	5.4	11.3	11.8	8.8	7.7	6.7	7.0	6.8	6.3	6.0	5.8	5.5	5.2	5.0	5.0	6.0	5.7	5.6	5.3	5.2	5.0	4.8
Index	Red	25	7.1	7.1	7.1	8.0	8.4	9.2	8.6	8.2	8.2	8.2	8.4	12.0	20.9	21.2	18.4	16.4	13.8	15.6	17.6	17.4	16.1	14.2	12.5	11.8	10.8	10.6	13.2	14.2	14.4	14.2	14.2
Fulton	do	25	8.0	8.0	8.0	8.8	10.2	11.3	11.0	10.6	10.2	9.6	10.3	13.8	22.5	23.8	22.4	21.0	19.8	20.1	21.9	22.0	21.0	19.5	17.9	16.3	14.5	12.6	14.6	15.1	16.7	16.4	15.9
St. Francis	do	18	11.0	10.6	10.0	9.5	9.1	8.0	6.7	5.6	4.8	4.3	4.1	3.9	3.8	3.9	3.9	5.9	8.8	10.5	13.0	14.7	15.5	16.0	16.4	16.6	16.6	16.3	15.7	13.9	10.2	7.3	5.5
St. Francis L.L.	do	..	22.7	22.6	22.4	22.2	21.9	21.7	21.5	21.3	21.0	20.9	20.7	20.5	20.4	20.3	20.0	20.0	19.9	19.8	19.7	19.6	19.5	19.5	19.3	19.3	19.2	19.4	19.4	19.7	20.0	20.1	20.0
Marked Tree	do	17	8.3	8.2	8.1	8.0	8.0	8.0	7.9	7.8	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.7	6.7	6.7	6.7	6.7	6.7	6.8	6.8	6.8
Parkin	do	28	18.7	18.4	18.1	18.1	17.7	17.2	16.5	15.4	13.9	12.6	11.7	11.0	10.4	9.9	9.4	9.0	8.7	8.5	8.2	8.0	7.8	7.7	7.5	7.4	7.3	7.2	7.1	7.2	7.2	7.3	7.6
Madison	do	32	24.9	24.8	24.5	24.5	24.0	23.5	22.2	20.4	18.2	15.9	14.0	12.6	11.7	11.0	10.5	10.0	9.8	9.6	9.7	9.5	9.9	9.5	9.1	8.5	7.8	7.4	6.8	6.4	6.1	6.2	6.4
Helena	Mississippi	44	42.6	42.5	42.2	41.9	40.9	39.4	36.5	33.4	30.0	27.4	25.9	25.3	25.0	25.2	25.6	26.1	26.4	26.6	27.2	27.8	28.0	27.7	27.1	26.1	25.1	23.9	22.7	21.5	20.5	19.5	18.3
Arkansas City	do	42	35.9	35.8	35.8	35.8	35.7	35.4	34.6	33.2	31.3	29.4	27.3	25.6	24.5	23.9	23.8	24.1	24.5	24.8	25.0	25.2	25.4	25.6	25.3	24.6	23.9	23.0	22.0	21.0	20.0	19.0	18.2

All departures from normal are computed from the averages of the entire period for stations having 10 or more years of record, except that for First Order Weather Bureau Stations they are based on adopted normals. Figures and letters following stations indicate distance from the City P.O., unless otherwise indicated. T., less than 0.01 inch. [a], [b], [c], etc., number days missing, example, [b]indicates 2 days missing. Italics, interpolated. †And other dates. ‡Received too late to be included in means and summaries. Except as otherwise indicated, amounts are for 24 hours ending late in the afternoon. [1] Midnight to midnight. [2]Measured in the morning for the preceding 24 hours. [3]Data for 24 hours ending at 12:30 a. m. of the following day. *Included in next measurement. // Windshield on gage. /Instruments are read in the morning temperatures are for 24 hour period ending at time of observation. ***Post Office addresses as follows: Alum Fork Reservoir, Parou; Beaty Lake, Rt. 1, Madison: Bethesda, Batesville: Big Lake Outlet, Manila: Boughton, Route 4, Prescott: Cold Springs, Olio; Cummins Farm, Gould; Devil's Knob, Salus: Eagle Gap, Eagleton: Eleven Point, Route 1, Ravendon Springs: Fordyce, Route 1, Fordyce: Fort Smith Water Plant, Mountainburg: Green Mountain, Calico Rock; Index, Route 5, Texarkana: Lutherville, Route 1, Lamar: Moro Bay, Route 3, El Dorado: Morrilton, Route 3, Morrilton: Mulberry, Route 1, Mulberry: Odell, Route 1, Canehill: Rosebud, Route 1, Mt. Vernon: Sheridan, Hensley: Stamps, Buckner; Sugar Loaf Mountain, Heber Springs; Turnpike, Dover: Walnut Grove, Cord: White Rock, Route 2, Winslow.

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CLIMATOLOGICAL DATA

ARKANSAS

JUNE 1948

Volume LIII No. 6

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HIST

WASHINGTON: 1948

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

ARKANSAS JUNE 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

The month of June, 1948 was slightly above normal with relation to both temperature and precipitation. There were no records set, however, in either extremes of temperature or rain. The details of temperature and precipitation will be found under the sections so marked below.

FLOODS

The most unusual condition brought about directly by the weather to occur during the month was the flood on the Arkansas River. The flood was strictly an upstream affair; that is, the heavy rains that caused the flood fell over the upper head waters of the Arkansas River in Kansas and Oklahoma.

Flood stages were reached and passed slightly from Ozark to Morrilton on the Arkansas River. Bankful stages prevailed from Morrilton on to the mouth. 37,970 acres of farm lands were inundated in the Arkansas Basin from Fort Smith to the mouth, causing a direct crop damage of $2,451,410, and an indirect loss to processors of the crops which were destroyed of $294,240. The principal crops which were damaged in this flood were cotton, corn, soybeans, hay and truck crops, given in the order of their importance.

The fact that this flood originated in the head waters, and not in the State of Arkansas, resulted in considerably less damage than would have occurred normally. The flood waters rose relatively slow over the inundated sections, resulting in little damage to fences, roads and fields, due to erosion.

A minor flood occurred in the White Basin, causing damage of $557,200 in the upper White and Black drainage areas. This flood did cause some damage to fields, highways and fences due to erosion, and this total is estimated at $89,100, and occurred mostly at the extreme head waters of the White and Black Basins.

STORMS

Numerous thunderstorms occurred throughout the month, but damage was relatively light, and the following is a brief resume of the storms causing damage:

A thunderstorm with hail struck Glenwood (Pike County) on the afternoon of the 6th. The hail was reported to range up to 3/4-inch in diameter, which caused damage of approximately $25,000 to crops in that area. Lightning during the same storm set fire to a residence and store in Glenwood, resulting in an $8,000 loss.

Lightning set fire to some storage facilities of an oil refinery at El Dorado on the afternoon of the 6th, resulting in $10,000 damage.

Louis Cook was killed by lightning during a light thunderstorm on the afternoon of the 8th at Solgohachia, Conway County.

A moderate thunderstorm struck Little Rock about 1:30 p.m. on the 16th. This thunderstorm was accompanied by strong gusty winds to 70 miles per hour. Damage was widespread, but not serious, and totalled approximately $20,000.

The thunderstorm that struck Little Rock on the afternoon of the 16th was one of a line of thunderstorms which crossed the state. These thunderstorms caused about $25,000 damage over the state (outside Little Rock), and was mostly to small outhouses, trees down, and power interruptions. One house was destroyed by fire after being hit by lightning near Morrilton.

TEMPERATURE

The mean temperature of the month was 77.8°, 0.7° above the 58-year average. The highest mean reported in the state during the month was 82.4° at El Dorado, while the lowest mean reported was 71.9° at Turnpike. The highest extreme temperature reported during June was 102° on the 15th, also at El Dorado. Seven other stations reported temperatures of 100° or higher during the month. The lowest temperature reported was 45° at Mount Ida and Lead Hill on the 2nd.

PRECIPITATION

The average precipitation for the month was 4.91 inches, 0.81 inch above the 58-year average. The highest monthly total during the month was reported by Walnut Grove, with 12.55 inches. Two other stations reported falls of more than 12 inches, and they were Newport, 12.15 inches, and Bradford, 12.43 inches. The rains in general fell mostly as thundershowers, with that part of the state north of the Arkansas River receiving the greater portion of the rains. The lightest monthly fall was at Camden #2 where only 0.58 inch was reported. Camden #1 reported 0.82 inch. The number of days with 0.01 inch or more was exactly normal, with an average of 8 days for the month. Light hail fell during many of the thunderstorms, but the only damage reported is shown in the General Summary above.

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	77.9	103	56	3.71	0	17
1892	76.9	103	40	3.87	0	8
1893	76.3	99	49	5.20	0	9
1894	76.6	106	42	1.39	0	4
1895	76.9	100	47	5.94	0	10
1896	77.7	103	48	1.91	0	5
1897	78.0	106	41	3.46	0	6
1898	78.7	100	60	4.86	0	11
1899	77.3	102	50	2.74	0	6
1900	76.6	100	43	7.10	0	13
1901	79.4	110	41	1.44	0	4
1902	77.5	105	42	5.27	0	6
1903	70.5	99	37	2.53	0	7
1904	75.3	99	50	7.14	0	10
1905	77.9	104	44	5.90	0	10
1906	76.2	101	44	4.60	0	8
1907	75.2	103	39	4.48	0	8
1908	76.0	98	46	3.85	0	8
1909	76.9	104	49	4.08	0	10
1910	74.1	99	44	4.85	0	10
1911	80.9	106	47	2.53	0	6
1912	73.1	97	42	5.83	0	9
1913	77.0	103	39	1.68	0	4
1914	82.3	109	52	1.00	0	2
1915	76.0	106	45	4.92	0	9
1916	75.4	99	43	5.15	0	8
1917	75.2	105	37	4.87	0	6
1918	80.5	110	49	3.55	0	7
1919	76.9	101	45	5.11	0	10
1920	74.7	101	42	3.41	0	6
1921	78.5	103	46	4.84	0	11
1922	78.6	104	44	2.64	0	7
1923	76.7	99	46	5.20	0	9
1924	78.5	105	42	3.64	0	8
1925	82.3	108	46	2.08	0	4
1926	76.6	104	42	2.60	0	6
1927	76.3	104	43	6.50	0	9
1928	73.5	100	40	9.44	0	13
1929	76.2	102	41	3.68	0	7
1930	76.4	107	39	0.87	0	2
1931	78.3	107	35	2.60	0	6
1932	78.9	103	50	4.86	0	10
1933	78.4	107	40	1.30	0	3
1934	81.1	108	49	2.88	0	5
1935	74.3	98	36	8.38	0	13
1936	80.0	113	44	1.26	0	3
1937	78.8	106	45	4.95	0	9
1938	75.8	101	48	4.34	0	9
1939	77.9	100	49	4.50	0	11
1940	75.2	98	45	4.35	0	10
1941	76.2	103	47	4.01	0	8
1942	77.2	104	45	4.54	0	11
1943	79.8	102	47	2.86	0	7
1944	79.2	102	48	3.04	0	6
1945	75.2	98	43	9.26	0	11
1946	75.6	99	41	2.12	0	5
1947	76.7	101	44	3.88	0	7
1948	77.8	102	45	4.91	0	8
PERIOD	77.1	113	35	4.10	0	8

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN-SHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	AVERAGE PERCENT	
FORT SMITH WB AP	30.19	2	29.66	21	7.0	26	E	13	80	87	52	51	83	0
LITTLE ROCK WB AP	30.22	1	29.73	8	7.6	40	NW	16	80	84	53	59	69	0
TEXARKANA WB AP	30.16	1	29.75	21	-	51	NNE	6	75	83	50	52	-	0

TABLE 2
CLIMATOLOGICAL DATA

ARKANSAS
JUNE 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ALICIA	-	-							-	-	-		-					
ALPINE	-	-							-	-	-		-					
ALUM FORK	77.9M	+ 1.6	97	13	51	2			4.64	- .05	2.10	19	.0			8	3	2
ALY	-	-							3.60	-	1.57	23	.0			5	3	2
ANTOINE	-	-							-	-	-		-					
APLIN	-	-							3.31	-	1.83	25	.0			5	3	1
APPLETON	-	-							5.47	-	2.15	19	.0			11	6	1
ARKADELPHIA	79.7	+ 1.6	98	14+	55	2+	23		1.06	- 3.43	.65	17	.0			6	1	
ARKANSAS CITY	-	-							2.59	- 1.11	1.23	29	.0			6	3	1
ASHDOWN	78.8	-	98	20	51	1	22		2.36	-	1.56	6	.0			5	3	1
ATHENS	-	-							-	-	-		-					
ATLANTA	-	-							-	-	-		-					
AUGUSTA	-	-							9.63	-	2.17	6	.0			12	11	3
BATESVILLE AIRWAY	75.9	- 0.4	94	7	52	2	13		11.36	-	4.28	19	.0			14	9	3
BATESVILLE LIVESTCK	74.8	-	94	8	50	2	13		10.09	-	3.76	20	.0			9	8	4
BATESVILLE L D 1	-	-							10.81	+ 6.83	3.43	20	.0			10	8	6
BEAR CREEK LAKE	-	-							4.34	-	1.05	6	.0			13		
BEATY LAKE	-	-							9.47	-	2.10	18	.0			10	9	4
BEAVER	-	-							4.51	-	1.43	24	.0			15	4	1
BEE BRANCH	75.6	- 1.1	93	7+	51	2	11		5.50	+ 1.43	1.96	20	.0			8	5	3
BEEBE	-	-							-	-	-		-					
BEECH GROVE	-	-							9.05	-	2.50	19	.0			11	8	3
BEEDEVILLE	-	-							9.41	-	2.16	20	.0			12	11	3
BENTON	76.8	+ 0.4	95	8+	50	2	20		3.10	-	1.43	17	.0			6	4	1
BENTONVILLE	73.5	- 0.6	93	9+	48	2	10		8.82	+ 3.62	3.07	23	.0			10	7	4
BERRYVILLE	-	-							2.55	-	.73	23	.0			10	5	
BETHESDA	74.6	-	93	8+	50	1+	10		8.30	-	2.93	20	.0			7	7	4
BIG FLAT	-	-							9.16	-	2.29	18	.0			10	8	4
BIG FORK	-	-							2.00	-	.60	16+	.0			5	3	
BIG LAKE OUTLET	-	-							5.09	+ 2.41	1.12	28	.0			11	6	3
BLACK ROCK	-	-							7.67	+ 4.15	2.25	19	.0			9	8	2
BLUE MOUNTAIN DAM	-	-							3.76	-	2.70	23	.0			8	2	1
BLYTHEVILLE	78.8	+ 0.8	98	6	54	1	19		4.96	+ 1.29	1.14	24	.0			9	7	2
BOONEVILLE	79.1	+ 1.2	99	13	51	2	23		1.81	- 2.60	.85	24	.0			5	2	
BOONEVILLE 2S	-	-							1.82	-	.98	24	.0			6	2	
BOTKINBURG	-	-							4.70	-	1.37	19	.0			9	5	2
BOUGHTON	-	-							1.04	-	.44	6	.0			3	2	
BRADFORD	-	-							12.43	-	3.23	20	.0			14	10	4
BRINKLEY //	78.4	+ 0.5	97	13	51	2	22		4.74	+ 1.01	1.66	20	.0			9	6	2
BULL SHOALS DAM	-	-							-	-	-		-					
BURDETTE	-	-							6.85	-	1.68	18	.0			10	6	3
CABOT	-	-							2.32	-	.76	16	.0			6	4	
CALICO ROCK	-	-							9.28	+ 5.47	1.95	18	.0			11	9	3
CAMDEN 1	80.8	+ 2.3	99	14+	51	2	26		.82	- 3.30	.45	29	.0			2	2	
CAMDEN 2	-	-							.58	-	.38	28	.0			3	1	
CAMP CHAFFEE	78.4M	-	98	14+	52	2			2.79	-	1.45	24	.0			6	4	1
CANAAN	-	-							-	-	-		-					
CARLISLE	-	-							3.32	-	1.80	24	.0			5	3	2
CARPENTER DAM	-	-							1.43	-	.40	19	.0			7	3	
CLARENDON	-	-							5.94	+ 2.38	1.81	18	.0			10	7	2
CLARKSVILLE	-	-							-	-	-		-					
CLINTON	-	-							5.08	-	1.15	27+	.0			10	6	2
COLD SPRINGS	-	-							4.21	-	1.80	14	.0			5	4	2
COMBS	-	-							7.79	-	2.75	23	.0			9	6	3
COMPTON	-	-							-	-	-		-					

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY		SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW				DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
CONWAY	77.7	- 0.7	97	13	54	1+	21		4.93	+ .95	2.03	16	.0			8	5	1
CORNING	76.4	+ 0.0	95	6	51	1	15		6.24	+ 2.27	1.96	18	.0			13	8	1
COTTER	-	-							6.64	+ 2.29	2.59	18	.0			11	6	2
COVE	-	-							1.48	-	1.18	24	.0			2	2	1
CROSSETT	79.9	+ 1.2	98	19+	50	2	26		1.40	- 2.67	1.28	29	.0			2	1	1
CRYSTAL VALLEY	-	-							4.33	-	2.21	9	.0			4	2	2
CULPEPPER	-	-							-	-	-		-					
CUMMINS FARM	79.1	-	97	13+	51	12	24		1.85	-	.80	29	.0			5	3	
DAISY	-	-							-	-	-		-					
DANVILLE	-	-							2.54	- 1.71	.86	24	.0			7	5	
DARDANELLE	78.6	+ 0.1	98	7	54	2	23		5.57	+ 1.68	1.60	24	.0			8	5	3
DE QUEEN	78.0	+ 0.0	93	19+	53	2	17		.81	- 3.20	.68	24	.0			2	1	
DENVER	-	-							5.69	-	.93	18	.0			11	8	
DERMOTT	-	-							2.18	-	1.32	29	.0			4	2	1
DES ARC	78.1	-	96	27	52	2	19		4.65	-	1.44	18	.0			10	6	1
DEVILS KNOB	74.7	-	95	18	60	1+	5		9.13	-	2.78	13	.0			9	8	4
DUMAS 1	79.7	+ 0.5	99	13+	52	2	20		2.79	- .82	1.10	29	.0			6	4	1
DUMAS 2	-	-							2.68	-	.70	27	.0			6	5	
DURHAM	-	-							7.41	-	2.75	23	.0			8	6	3
EAGLE GAP	-	-							3.28	-	1.15	24	.0			7	5	1
EL DORADO AP	82.4	+ 2.5	102	15	54	2	27		.89	- 2.87	.82	29	.0			2	1	
ELKINS	-	-							8.27	-	2.56	23	.0			8	8	2
EUREKA SPRINGS	75.3	+ 0.7	93	11	54	2	7		5.46	- .19	1.40	23	.0			12	6	1
EVENING SHADE	-	-							9.04	-	2.30	18	.0			11	8	4
FAYETTEVILLE	75.5	-	93	13	50	2	8		9.02	-	4.47	23	.0			12	5	3
FAYETTEVILLE EX S	75.0	+ 0.4	97	13	49	2	8		8.27	+ 3.60	3.56	23	.0			8	6	4
FORDYCE	81.3M	+ 2.3	100	15+	55	1+			1.60	- 2.07	1.60	16	.0			1	1	1
FOREMAN	-	-							2.03	-	1.20	6	.0			5	2	1
FORESTER	-	-							-	-	-		-					
FORREST CITY	-	-							5.33	-	2.02	19	.0			10	6	2
FORT SMITH WB AIRPORT	78.9	+ 1.4	97	13+	53	2	20		4.09	+ .37	1.58	23	.0			8	4	1
FORT SMITH WTR PLNT	-	-							5.44	-	1.91	24	.0			6	6	2
FOUNTAIN HILL	-	-							2.05	-	1.00	29	.0			5	3	1
FULTON	-	-							2.18	- 1.63	1.24	7	.0			2	2	1
GARLAND	-	-							.92	-	.64	29	.0			3	1	
GEORGETOWN	-	-							4.95	+ 1.01	1.45	20	.0			8	6	2
GILBERT	75.0	-	97	14	48	2	16		3.45	- .21	1.50	18	.0			14	3	1
GLENWOOD	-	-							3.58	-	2.32	7	.0			4	4	1
GRANNIS	77.5	+ 1.8	95	13+	55	3	16		1.59	- 3.28	.72	24	.0			6	2	
GRAVELLY	-	-							3.47	-	1.44	14	.0			5	4	2
GRAVETTE	74.8	+ 0.7	95	8	50	2	11		9.72	+ 4.14	4.08	23	.0			10	7	3
GREEN FOREST	-	-							4.84	-	1.40	24	.0			10	6	1
GREEN MOUNTAIN	78.8M	-	98	21	59	1	16		10.00	-	2.33	19	.0			10	9	5
GREENBRIER	-	-							-	-	-		-					
GREENWOOD	-	-							3.06	-	1.33	13	.0			5	3	2
GURDON	-	-							-	-	-		-					
HAMPTON	-	-							-	-	-		-					
HARDY	-	-							-	-	-		-					
HARRISBURG	-	-							-	-	-		-					
HARRISON	73.8	- 0.3	93	7+	47	2	10		7.46	+ 3.05	2.30	18	.0			10	8	1
HEBER SPRINGS 3SW	-	-							5.21	-	1.40	23	.0			10	5	3
HECTOR	-	-							6.02	-	1.80	24	.0			10	4	3
HELENA	79.8	+ 1.5	96	26	58	2	20		4.40	+ .66	.78	6	.0			10	8	
HENDERSON	-	-							9.03	-	2.65	19	.0			12	10	3
HILLEMAN	-	-							-	-	-		-					

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

ARKANSAS
JUNE 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
HOPE	79.4	+ 0.7	96	20	56	2+	22		1.37	- 2.37	.65	29	.0			3	2	
HOPPER	-	-							-	-	-		-					
HORATIO	-	-							2.47	-	1.38	7	.0			5	2	1
HOT SPRINGS	80.2	+ 1.8	100	14+	57	1+	26		3.31	- 1.31	1.43	20	.0			10	5	1
HUNTSVILLE	-	-							7.13	-	1.70	16	.0			9	6	3
HUTTIG DAM	-	-							1.90	-	1.56	29	.0			3	1	1
ICELEDO	-	-							4.24	-	.90	26	.0			10	8	
INDEX	-	-							-	-	-		-					
JASPER	-	-							3.81	-	1.83	24	.0			12	3	1
JONESBORO	77.1	- 0.9	93	5+	55	2	17		6.93	+ 3.19	2.87	19	.0			11	6	2
KEO	78.8	-	96	13	55	2+	22		4.75	-	1.28	25	.0			9	7	1
KINGSLAND	-	-							-	-	-		-					
LAKE CITY	-	-							5.37	-	2.46	18	.0			8	6	2
LAKE LEATHERWOOD	-	-							-	-	-		-					
LANGLEY	-	-							-	-	-		-					
LEAD HILL	74.8	- 0.6	96	8	45	2	15		6.38	+ 1.95	2.12	18	.0			11	8	1
LEE CREEK	-	-							7.86	-	3.75	24	.0			9	7	2
LEOLA	-	-							.53	-	.33	24	.0			2	1	
LITTLE ROCK WB AP	79.8	+ 2.4	96	13	60	2	21		2.25	- 1.51	.84	16	.0			7	3	
LITTLE ROCK FILT PL	-	-							4.08	-	1.54	23	.0			8	4	2
LOCK AND DAM NO 3	-	-							8.94	-	3.32	20	.0			12	9	2
LOST CORNER	-	-							6.61	-	2.00	24	.0			9	6	3
LOUANN	-	-							-	-	-		-					
LURTON	-	-							6.53	-	1.53	23	.0			13	8	2
LUTHERVILLE	76.4	+ 0.4	93	5+	57	1+	15		4.65	+ .09	1.31	19	.0			13	5	2
MADISON	-	-							6.60	+ 3.63	2.65	20	.0			12	7	2
MAGNOLIA	80.9	+ 1.3	98	13+	55	2	25		.37	- 3.13	.19	26	.0			2		
MALVERN	80.7M	-	98	14+	54	2			.90	-	.27	25	.0			8	1	
MAMMOTH SPRING	73.6	- 1.3	94	13+	46	3	15		9.46	+ 5.24	2.88	19	.0			11	8	3
MARIANNA	78.1	- 0.5	96	14	52	2	19		3.51	+ .04	.88	6	.0			10	6	
MARKED TREE	77.3	- 0.7	96	15	54	2	19		5.25	+ 1.81	1.20	18	.0			9	6	1
MARSHALL	-	-	92	13	47	2	6		4.56	+ .05	.84	23	.0			11	7	
MARVELL	-	-							2.63	-	1.18	17	.0			3	3	1
MAUMEE	-	-							-	-	-		-					
MELBOURNE	-	-							-	-	-		-					
MENA	78.4	+ 1.7	98	19	53	2	21		1.90	- 3.08	.92	24	.0			6	4	
MONTICELLO	80.9	-	98	13	58	3	27		2.11	-	.83	16	.0			4	4	
MONTROSE	-	-							-	-	-		-					
MOROBAY L D 8	-	-							1.18	-	.80	29	.0			3	2	
MORRILTON	79.2	+ 0.7	100	14	56	2	22		4.86	+ .94	1.52	24	.0			6	6	1
MOUNT IDA 1	76.5	+ 0.5	99	15	45	1	21		1.64	- 2.54	1.07	24	.0			5	1	1
MOUNT IDA 2	-	-							-	-	-		-					
MOUNTAIN HOME	74.4	- 0.5	92	5+	50	2+	7		8.90	+ 4.40	2.70	19	.0			13	8	2
MOUNTAIN VIEW	-	-							7.46	-	-		.0			13		
MOUNTAINBURG	-	-							5.74	-	1.87	23	.0			8	6	2
MULBERRY	-	-							4.04	-	2.41	24	.0			7	4	1
MURFREESBORO	-	-							-	-	-		-					
NASHVILLE	79.5	-	96	18+	54	3	23		2.02	-	.87	7	.0			5	2	
NASHVILLE SCS	-	-							2.04	-	1.05	6	.0			4	2	1
NATHAN	-	-							-	-	-		-					
NEWHOPE	-	-							-	-	-		-					
NEWPORT	78.2	+ 0.1	96	7	54	2	22		12.15	+ 8.36	4.52	20	.0			11	9	4
NIMROD DAM	78.6	-	100	14	51	2	25		3.30	-	1.30	24	.0			9	4	1
NORFORK DAM	75.2	-	95	8	49	1+	14		6.12	-	1.83	18	.0			11	7	2
ODELL	-	-							8.34	-	4.03	24	.0			11	8	2

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS: MAX. 90° OR ABOVE	NO. OF DAYS: MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED): TOTAL	SNOWFALL (UNMELTED): GREATEST DEPTH ON GROUND	SNOWFALL (UNMELTED): DATE	NO. OF DAYS: .01 INCH OR MORE	NO. OF DAYS: .25 INCH OR MORE	NO. OF DAYS: 1.00 INCH OR MORE
ODEN	77.6	-							-	-	-		-					
OKAY	80.0	+ 0.7	100	13	53	2	26		2.37	- .60	1.40	6	.0			6	3	1
OSCEOLA	-	-							5.17	+ 1.88	1.31	18	.0			10	8	2
OWENSVILLE	-	-							3.37	-	1.78	20	.0			7	5	1
OZARK	77.6	- 0.3	97	14	54	2	22		4.86	+ .47	2.85	24	.0			8	5	1
PARAGOULD	77.1M	-	95	4+	50	1			4.70	+ 1.20	1.78	18	.0			9	7	1
PARKIN	-	-							5.91	+ 2.63	1.10	19	.0			10	8	1
PARTHENON	-	-							4.73	-	1.69	23	.0			11	8	1
PERRYVILLE	77.3	+ 1.3	97	6+	50	2	25		4.05	- .85	1.30	19	.0			5	4	2
PINE BLUFF	81.6	+ 2.3	99	14	57	2	26		1.11	- 2.62	.88	17	.0			5	1	
PINE BLUFF 3N	-	-							-	-	-		-					
PINE RIDGE	-	-							2.54	- 1.89	.92	17	.0			7	4	
POCAHONTAS 1	76.6	- 0.2							-	-	-		-					
PORTLAND	81.1	+ 1.4	100	15+	55	2+	26		1.96	- 1.20	1.13	29	.0			3	3	1
PRESCOTT	80.0	+ 0.8	97	14+	57	3	24		1.69	- 2.03	.75	29	.0	-		4	3	
PRESCOTT SCS	-	-							-	-	-		-					
PYATT	-	-							5.30	-	.95	18	.0			12	8	
RATCLIFF	-	-							3.37	-	1.96	24	.0			6	3	1
RAVANA	-	-							2.42	-	1.41	28	.0			4	2	1
RED STAR	-	-							-	-	-		-					
REMMEL DAM	-	-							1.23	-	.43	16	.0			4	3	
RISON	-	-							-	-	-		-					
ROCKHOUSE	-	-							6.21	-	1.59	14	.0			8	8	2
ROGERS	74.4	+ 0.5	93	13	53	2	6		9.14	+ 4.24	3.15	23	.0			9	6	4
RUSSELLVILLE	78.6	+ 0.7	96	6+	53	2	23		4.54	+ .31	-		.0			9		
SAINT CHARLES	77.9	-	95	14	54	2	17		5.26	-	1.43	18	.0			11	6	1
SAINT FRANCIS	-	-							5.39	+ 1.57	1.56	18	.0			11	9	1
SEARCY	78.5	+ 0.9	96	13	57	2+	20		5. 0	+ 1. 2	1.63	18	.0			9	8	2
SHERIDAN	77.8	-	97	13	50	2	22		2.87	-	.80	24	.0			9	5	
SHIRLEY	-	-							-	-	-		-					
SILOAM SPRINGS	75.0	-	95	13	50	2	12		8.47	-	4.90	23	.0			10	7	2
SMITHVILLE	-	-							9.65	-	2.71	18	.0			14	9	3
STAR CITY	-	-							-	-	-		-					
STEVE	-	-							4.58	-	1.10	13	.0			7	7	1
STORY	-	-							2.82	- .51	1.43	25	.0			5	4	1
STUTTGART	78.7	+ 0.6	94	13	59	1	17		6.36	+ 2.55	1.63	18	.0			11	7	2
STUTTGART 9ESE	78.6M	+ 0.9	94	15	57	2			4.66	+ 1.38	2.20	19	.0			11	5	1
SUBIACO	77.3	- 0.3	98	17	54	2	14		4.87	+ .73	-		.0			7		
SUGAR GROVE	-	-							3.28	-	1.65	24	.0			4	3	2
SUGAR LOAF MTN	-	-							5.92	-	1.66	18	.0			13	5	3
TAYLOR	-	-							1.23	-	.41	9	.0			5	2	
TEXARKANA WB AIRPORT //	80.6	+ 1.5	96	19	59	2	23		1.50	- 2.21	.54	6+	.0			7	3	
TINSMAN	-	-							-	-	-		-					
TURNPIKE	71. M	-	89	7	56	1			8.27	+ 3.35	3.12	19	.0			12	8	2
VICK	-	-							-	-	-		-					
VIOLA	-	-							9.17	-	1.87	29	.0			9	8	4
WALDRON	78.1	-	99	13	49	2	23		3.47	- .92	1.60	14	.0			5	4	1
WALNUT GROVE	-	-							12.55	-	5.68	18	.0			9	9	3
WARREN	81.7M	+ 2.3							-	-	-		-					
WEDINGTON LAKE	-	-							8.90	-	5.10	23	.0			7	7	2
WEST FORK	-	-							10.04	-	3.50	23	.0			8	7	5
WHEELING	-	-							7.98	-	-		.0			12		
WHITE ROCK	74.0	-	91	13	61	14+	1		6.29	-	2.00	23	.0			8	6	2
WILSON	78.6M	+ 1.2							-	-	-		-					
WINFREY	-	-							6.38	-	2.08	23	.0			8	5	2

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

ARKANSAS
JUNE 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
WING	-	-							3.00	-	1.40	13	.0			4	3	1
WYNNE	78.1	+ 0.4	94	13+	54	2	17		7.26	+ 3.58	2.01	19	.0			11	6	3
YELLVILLE	-	-							4.86	-	2.03	18	.0			6	5	1
STATE	77.8	+ 0.7	102	15	45	1+	18	0	4.91	+ 0.81	5.68	18	.0			8	5	2

See Reference Notes Following Station Index

TABLE 3
DAILY PRECIPITATION

ARKANSAS
JUNE 1948

STATION		DAY OF MONTH																															TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBOTT																		.31			.21				1.65	T				.04			2.21
ALICIA	R					.20	.05										.15	.96	2.72	1.06				-	-	-	-	-	-	-	-		-
ALPINE								.90		T			-	-	-	-	-	-	-				T		.37		T		.04	.11	.05		-
ALUM FORK	Z						T		T					.02	.02		1.49			2.10	T		T	.02	.87			.05	.07				4.64
ALY	R													1.30			.55				.05			1.57			.13						3.60
ANTOINE		-	-	-	-			.80	.15									.13		-	-	-	-	-	-	-			.09	.56			-
APLIN															T			.20			.32					1.83		.11			.85		3.31
APPLETON	R								.18					.05			.67			2.15		.05		.90		.13	.77		.02	.30	.25		5.47
ARKADELPHIA	Z							.09		T								.65							.12				.07	.12	.01		1.06
ARKANSAS CITY							.62	T		.02							.09	.46	.17											1.23	T		2.59
ASHDOWN							1.56			.01														.34			.03		.42				2.36
ATHENS		-	-	-	-					.07								T							.75	T	T			.02			-
ATLANTA	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
AUGUSTA	Z						2.17			.57							.25	.60	1.73	.45	2.00				.89		.25		.40	.25	.07		9.63
BATESVILLE AIRWAY						.42	.43							.01		.01	.63	.02	2.12	4.28				1.23	.08	.02	T	.82	.81	.48			11.36
BATESVILLE LIVESTCK							.90										.57		1.12	1.21	3.76				1.20			.59	.04	.70			10.09
BATESVILLE L O 1	Z,						.69										T	1.04	1.10	1.52	3.43				1.22	T	.02	.51	.08	1.20	T		10.81
BEAR CREEK LAKE	R						1.05					.12					.60		.40	.99				.40	•	•	•	•	•	•	.78		4.34
BEATY LAKE						T	1.76		.90						T	.46	1.58	T	2.10	1.37	.12				.32		T	.55		.31			9.47
BEAVER						T								.02	.22	.15	.07	.69	.07	T	.05	.03		.11	1.43	.61	.10	.61	.16	.19			4.51
BEE BRANCH														.08			.64			T	1.96			1.07	T		.35	.10	1.10	.20	T		5.50
BEEBE	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
BEECH GROVE							.90									.20		T	.50	2.50	1.10			1.50	.20	.60			.85	.57	.13		9.05
BEEDEVILLE							.72							.06		.34		.60	1.40	2.07	2.16				.27		.61		.30	.25	.63		9.41
BENTON								.03		.68								1.43			.52		T		.40				.04	T			3.10
BENTONVILLE															.53		.07	1.87		T		.38		3.07	.07	1.29	T	1.07	.35	.12	T		8.82
BERRYVILLE	R													.25	.20	.05	.37							.73	.03	.25		.17	.48	.02			2.55
BETHESDA								.59										.55	1.10	1.26	2.93				1.35					.52			8.30
BIG FLAT							.73								T			1.37	2.29	.44	.34				1.03		.11	.55		2.16	.14		9.16
BIG FORK									.10								.60							.20	.60				.50				2.00
BIG LAKE OUTLET							.26							T		.11	.19	.77	1.10	1.00	.01			T	.38		T		1.12	.10	.05		5.09
BLACK ROCK							.81								.02		.63		.92	2.25	.37				1.37	.52	T			.78			7.6
BLUE MOUNTAIN DAM	R													.10			.47			.20		.02		2.70	.04				.15	.08			3.7
BLYTHEVILLE							.42									.07	.38	.32	1.01	.55					1.14			T	.98	.09	T		4.
BOONEVILLE	Z														.05		.73							.15	.85				.03				1.8
BOONEVILLE 2S															.06		T	.64			T	T			.98		.04		.01	.09			1.8
BOTKINBURG	R								.10					.10			.74		.02	1.37		.50		1.12			.20		.55				4.7
BOUGHTON							.44										T								.22					.38			1.0
BRADFORD							2.73			.11					.02	.03	.45	.61	1.13	.67	3.23				1.70		.59		.45	.69	.02		12.4
BRINKLEY	//Z						1.34		.07								.48	.30		.03	1.66				.32		.05			.49			4.7
BULL SHOALS DAM	R															.05	.59	1.40	1.15	2.19				.49	.06	.42	.23	.04	-	-	-		-
BURDETTE								.12							1.17	.12	.29	.19	1.68	.97					.75			1.33		.23			6.8
CABOT										T							.76		T	T	.15			.30	.54			T	.45	.12			2.3
CALICO ROCK							.76								T		.01	.50	1.95	1.75	.23				.70		.33	.96	.29		1.80		9.2
CAMDEN 1																								.37						.45			.8
CAMDEN 2	R																						.10	.10					.38				.5
CAMP CHAFFEE							.06								.18			.60				.25			1.45	T	T		.25	T			2.7
CANAAN	R					.09	-	-	-	-	-	-	-			.25		.45		.35	-	-	-	1.15	.09	.20	.36		.07	.85			-
CARLISLE								.08										1.05	.09						1.80						.30		3.3
CARPENTER DAM	R						.32		.01					.20			.29			.40				.03					.18				1.4
CLARENDON						.71	.51						T				.05	1.25	1.81	.47	.35				.04			.03		.72			5.9
CLARKSVILLE	R					.40	.40							.80	.22		.63							1.55	.10			-	-	-	-		-
CLINTON										.40					.14	T	.08	.60	.10		.51				.75			1.15		1.15	.20		5.0
COLO SPRINGS										T					1.80			.60							1.40	.10				.31			4.2
COMBS	R													.47	.64		1.51						.02	2.75	.21		1.27	.05	.87				7.7
COMPTON	R						-	-							.41		-	-	-	-				1.07	-	-	-	.10	.24		.30		-
CONWAY							.05			.07					T		2.03			.70	T			.36	.89			T	.81	.02	T		4.9
CORNING	Z						.42									.25	T	.12	1.96	.75	.05				.66	.10	.51	.79	.15	.36	.12		6.
COTTER							.61								T		.14	.78	2.59	1.02	.11				.57	.04		.43	.13	.22			6.
COVE																									1.18					.30			1.
CROSSETT																							.12					T		1.28			1.
CRYSTAL VALLEY									T	2.21			•-	•-	•-	•-	1.96					T		.12					.04	T			4.
CULPEPPER							.10			.12								1.10		-	-	-	-	-	-	-	-	-	-	-	-		-
CUMMINS FARM							.07	T	.16							T	.50	T					T				T	T	.32	.80			1.
DAISY	R	-	-	-	-	-	-	-	.10														.37						.14				-
DANVILLE	Z						.37								.18			.46			.26				.86			T		.36	.05		2.
DARDANELLE														.02	.09		1.51				.51				1.60		T	1.39	.02	.43			5.
DE QUEEN																									.68		T		.13	T			
DENVER	R														.10	.76	.46	.64	.93	.12				.86		.54	.17		.36	.75			5.
DERMOTT							.02											.70												1.32	.14		2.
DES ARC							.36			.16					.05			.54	1.44	T	.87				.46		T		.22	.38	.17		4.
DEVILS KNOB						T			T					2.78	.30	T	1.39			.16		T	T	1.43	1.20	.61		.56		.70			9.
DUMAS 1							.41		.40								.67	.05					T						.16	1.10			2.
DUMAS 2	R						.40		.48								.68	.05										.70	.37				2
DURHAM	R													.32	.80		1.70					.10		2.75	.12		.62		1.00				7
EAGLE GAP										.33				T	.80			.22				.43		T	1.15	.32				.03	T		3
EL DORADO AP																							.07							.82	T		
ELKINS														.50	.98		1.56					.25		2.56		.60	.88		.94				8
EUREKA SPRINGS													.18		.28	.10	.80		.10			.05		1.40	.20	.68	.92		.65	.10			5
EVENING SHADE							.62						T	T				1.06	2.30	T	.47	1.71		T	.69	.08	1.23	.05		.10	.73		9
FAYETTEVILLE														.01	.70	.04	1.28			.01		.20	T	4.47	.07	.22	1.33	.01	.68				9
FAYETTEVILLE EX S															1.16	T	1.19			T		.18	T	3.56	.30	.11	1.09	T	.68	T			8
FORDYCE							T										1.60																1
FOREMAN	R						1.20					.08												.43	.09				.23				2
FORESTER										T			-	-	-	-	-	-	-	T	.12			1.80	T			.05		.11			
FORREST CITY	R						.72		.06						.10		.30		1.10	2.02				.09	.03			.59		.32			5
FORT SMITH WB AIRPORT	Z						.11							.10	.13		.64	T				.89		1.58	T	.10	T		.54				4
FORT SMITH WTR PLNT														T	T	.40	T	.58					.25	T	1.91	T	T	.71		1.59			5
FOUNTAIN HILL							.38											.01						.16					.50	1.00			2
FULTON								1.24		T															T			T		.94			2
GARLAND								.15																	.13					.64			
GEORGETOWN							1.00			T						T		.25	.95	T	1.45			.03	.74		T		.03	.50			
GILBERT	Z						.04			.05					.05	.01	T	.60	1.50	.09	.08				.78	.01	.05	.04	.10	.05	T		
GLENWOOD								2.32																		.41			.40	.45	T		
GRANNIS										.03								.03							.72			.05	.10	.66			
GRAVELLY															1.44			.27						T	1.43		.30			.03			
GRAVETTE															.80	.22	.88					.37		4.08	.16	1.50	1.19		.32	.20			
GREEN FOREST						T									.60	T	.14	.50	.51					.24	1.40		.41	.10	.19	.75			
GREEN MOUNTAIN							1.16								T		.56	.22	1.88	2.33				.37	.53	.55		1.10	1.30				1
GREENBRIER		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			.22	.90	.05		

See Reference Notes Following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

ARKANSAS
JUNE 1948

STATION		DAY OF MONTH																														TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GREENWOOD														1.33			.30	T		T		.09		1.13	.21		T		T				3.06
GURDON		-	-	-	-	-	-	-	-	-	-	-					16.00	.	T						.68			.04	.68	T			-
HAMPTON													-	-	-	-	-	-	-												.30		-
HARDY	R					.34							-	-	-	-	.20	.30	-	-				.45	.15	.85	.66	1.98		1.47			-
HARRISBURG	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
HARRISON															.72	.15	.74		2.30	- 5				.60	.49		.89		.41	.21			7.46
HEBER SPRINGS 3SW	R					.14								.05			1.00	.20	1.35	.45				1.40		.11		.20		.31			5.21
HECTOR							T			.10					.04		T	.53	T		1.55		.04		1.80		.13	.05		1.53	.23		6.02
HELENA							.78	.06		.26						.62		.51	.33	.30	.74				.12					.68			4.40
HENDERSON							.60								T	.22	.43	.55	1.45	2.65					.45	.25	1.21	.22	.40	.60			9.03
HILLEMAN		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
HOPE								.60		T													T	T	.12					.65			1.37
HOPPER		-	-	-	-	-	-	-	-	-	-	-											.01		1.21			.20		.13	.05		-
HORATIO								1.38										.15								.73		.03		.18			2.47
HOT SPRINGS							.27			.01					.55				.06		1.43			.01	.44				.08	.38	.08		3.31
HUNTSVILLE	R								.02					.57	.48	.04	1.70							2.47			.55		1.10	.20			7.13
HUTTIG DAM	Z																						.12	.22						1.56	T		1.90
ICELEDO						.11								.29	T	.49	.45	.11						.61	.58	.45	.90				.25		4.24
INDEX								1.50																	.10		-	-	-	-	-		-
JASPER						.11									.12	.22	T	.38		.03	T				1.83	.12	.02	.59	.17	.16	.06		3.81
JONESBORO							.83									.08		T	.42	2.87	.45				1.57	.04	.04		.24	.36	.03		6.93
KEO							.66	.06	.39								.62			.10		.26				1.28			.67		.71		4.75
KINGSLAND	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	.12	.09			-
LAKE CITY							1.06							T		.13	.24	T	2.46	.35					.39			.40	T	.34			5.37
LAKE LEATHERWOOD	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
LANGLEY		-	-	-	-		1.42		.25				-	-	-	-	-	-	-						.74	.31	-	-	-	-	-		-
LEAD HILL							.12								.21	.30	.69		2.12	.91				.43	T	.24	.42		.45	.49			6.38
LEE CREEK															1.12	.29	T	.58				.33		T	3.75	.03	.13	.70	.93	T			7.86
LEOLA		T																							.33					.20			0.53
LITTLE ROCK WB AP	Z						T		.61					T	T	.05	.84			.20		T		.39	T			T	.13	.03	T		02.25
LITTLE ROCK FILT PL									.60							.05	1.21			.23				1.54					.27	.16	.02		04.08
LOCK AND DAM NO 3							.65								.02		T	.48	1.49	.72	3.32				.63	.03	.70		.34	.51	.05		8.94
LOST CORNER							.11			.25							.64				1.97		.05		2.00	.26		.11		1.22			6.61
LOUANN		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
LURTON						.91									.62	.20	.04	1.18	.05		.62			1.53		.04	.05	.56	.36	.37	T		6.53
LUTHERVILLE							.05		.14						.14	T	1.00			1.31	.02			.95	.10	.32	.11		.37	.12	.02		4.65
MADISON							.80	.05		.10						.20	T	.35	1.15	.45	2.65				.40		T	.05	T	.25	.15		6.60
MAGNOLIA	Z																										.19			.18			.37
MALVERN									.17	.01	.01							.05						.02		.27				.24	.13		.90
MAMMOTH SPRING							.37											.41	1.92	2.88	.14			.15		.71	.14	1.60	.81	.33			9.46
MARIANNA	Z						.88										.05	.61	.59	.06		.40				.44	.05			.38	.05		3.51
MARKED TREE							.48									.15	.22	.88	1.20	.87	.40				.81					.24			5.25
MARSHALL						.24	T								.02	T	.53	T	.77	.48				.84	.26	.23	.42		.14	.63	T		4.56
MARVELL							T	.96										1.18												.49			2.63
MAUMEE	R					.28								.03	.22		.90	.05	-	-	-	-	-	.60	.10	.12	.69		.09	.10			-
MELBOURNE						-	-	-	-	-	-	-						.65	1.05		2.27				.75	.10	-	-	-	-	-		-
MENA	Z									.03					.31			.33			T		T	T	.92	.06	T			.25			1.90
MONTICELLO	Z						.27										.83												.76	.25			2.11
MONTROSE	R	.30					.60			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
MOROBAY L O 8	Z																					.10							.28	.80			1.18
MORRILTON										.70								.62			.69				1.52			T	.83	.50			4.86
MOUNT IDA 1	R								T					.22			.20								1.07		.06		.09				1.64
MOUNT IDA 2		-	-	-	-	-	-	-	-	-	-	-	-	-			.25							1.20									-
MOUNTAIN HOME	Z						.60								.10	.10	.80	.70	1.80	2.70				.10	.60	.45	.75		.10	.10			8.90
MOUNTAIN VIEW							1.05								.31	.08	T	.60	.17	*	2.31				.34	1.11		.96	.14	.21	.18		7.46
MOUNTAINBURG														.44		.52				.07		.30	T	1.87		.16	.75	T	1.63				5.74
MULBERRY		T					T								.27	.12	T	.40			.12				2.41	T	.50	T	.22	T			4.04
MURFREESBORO	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
NASHVILLE								.87		.03								T							.80		.13	T	T	.19			2.02
NASHVILLE SCS	R						1.05																	.76	.08				.15				2.04
NATHAN		-	-	-	-	-	-	-	-	-	-	-						T					T		.35		T	.20		.13			-
NEWHOPE		-	-	-	-	-	-	-	-	-	-	-													.31	.34		.45		.30			-
NEWPORT							.80								T		.40	.58	1.25	1.80	4.52				1.75		.03	T	.25	.72	.05		12.15
NIMROD DAM	Z						.10		T					.64			.80				.05				1.30			.02	.06	.25	.08		3.30
NORFORK DAM	Z						.74								.01			.74	1.83	1.00	.21	T			.33	.09		.54	.02	.61			6.12
ODELL															.65	.03		.40				.26		.22	4.03	.67	.27	.43	1.15	.23			8.34
ODEN									.47				-	-	-	-	-	-	-						.80	T			.62				-
OKAY							1.40																	.02		.35		.12	.23		.25		2.37
OSCEOLA							.39								.08	.17	.27	.62	1.31	1.18	T				.50				.27	.38			5.17
OWENSVILLE										.31					T	T		.38			1.78		.09	T	.41		.01	T	T	.39	T		3.37
OZARK							.41							T	.51			T							2.85	.11		.40	.32	.21	.05		4.86
PARAGOULD																.44	.12		1.78	.41				.56	.50	.18		.37		.34			4.70
PARKIN							.45	.09								.22	.92	.48	.90	1.10	.45				.60					.70			5.91
PARTHENON	R					.25								.08	.52		.55							1.69	.30		.50	.03	.47	.09	.25		4.73
PERRYVILLE							T			.21							.74			1.30				1.00	.80				T				4.05
PINE BLUFF							.01		.04	T								.88									.03			.15			1.11
PINE BLUFF 3N	Z	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
PINE RIDGE											.02				.38			.92			.06		.15	.74				T		.27			2.54
POCAHONTAS 1							.71						-	-	-	-	-	-	-	.61				.81	.42	.81	.48	.42	.13	.33			-
PORTLAND							.55									T			T											1.13	.28		1.96
PRESCOTT								.62		.07															.25			T	T	.75			1.69
PRESCOTT SCS	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
PYATT	R					.36									.17	.10	.60	.90	.95	.90				.63	.07	.05	.27		.30				5.30
RATCLIFF															.10			.72							1.96		.24		.05	.30			3.37
RAVANA	R																							.07	.09	.85			1.41				2.42
RED STAR		-	-	-	-									1.20	.29	.51		1.76	T					*	2.68	.25	-	-	-	-	-		-
REMMEL DAM	R							.42									.43			.10				.28									1.23
RISON													-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
ROCKHOUSE													T	T	1.59	T	.81	.30		T			T	1.30	T	T	.40	.35	.65	.81			6.21
ROGERS													T		.69	.05	2.15		T			.21		3.15	.11	1.15	1.11		.52				9.14
RUSSELLVILLE														.23	.16		.82			.31	T			*	1.55		.51		.67	.29			4.54
SAINT CHARLES							.94	.03	.07	.68						.06	T	.70	1.43	.02	.42					.06				.85			5.26
SAINT FRANCIS							.32									.48	.12		1.56	.60					.72	.18	.45		.28	.38	.30		5.39
SEARCY							.57		.10					T	.25		T	.72	1.63		1.24			T	.33		T		.32	.74			5.90
SHERIDAN						T	.25	.22	.22	.04							.32						T		.80			.02	.27	.73			2.87
SHIRLEY		-	-	-	-	.05								1.38			.99		.10	1.20	T			.73	.47	.05	T	.50	.52	.08	.03		-
SILOAM SPRINGS													T		.41	.17	1.04		T			.40		4.90	.05	.43	.56		.39	.12			8.47
SMITHVILLE	R					.35									.03	.15	.35	.60	2.71	2.40				1.35	.12	.48		.56	.10	.40	.05		9.65
STAR CITY																		.20		-	-	-	-	-	-	-	-	-	-	-	-		-
STEVE														1.10	.45		.90			.40			T	.62	.79		.32						4.58

See Reference Notes Following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

ARKANSAS
JUNE 1948

STATION	DAY OF MONTH																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
STORY									.13					.40			.39							.47	1.43							2.82
STUTTGART						.13	.32	.38	.54								1.59	1.63		.08				.13		.44	.89		.23			6.36
STUTTGART 9ESE Z						.23	.25	.36	.28								T		2.20	.10				.04		.04		.10	.94	.12		4.66
SUBIACO						.52										.90				T				1.60	.35			1.15	.35			4.87
SUGAR GROVE														.10			1.25			.28				1.65			T					3.28
SUGAR LOAF MTN						.61			.01					.01		.13	1.20	1.66		.62				1.10		.08	.21	.01	.22	.06		5.92
TAYLOR						.32			.41												.12				.24		T		.14			1.23
TEXARKANA WB AIRPORT//Z						.54		.05	.01														T		.31	.02	.03	.54				1.50
TINSMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
TURNPIKE					.11			.22					.40	.10		1.04			3.12				.71	.52	.94	.17		.53	.41			8.27
VICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
VIOLA						.80										.10	.38	1.48	1.68					.86			1.12	.88	1.87			9.17
WALDRON Z														1.60		.18			.56				.30	.83								3.47
WALNUT GROVE						.84										.93	T	5.68	1.80				.50		.55		.85	1.15	.25	T		12.55
WARREN																.37					T	T				-	-	-	-	-		-
WEDINGTON LAKE R														.60		1.05					.32		5.10		.39	.95		.49				8.90
WEST FORK R													.10	.65		1.38					.28		3.50		1.70	1.38		1.05				10.04
WHEELING R					.75													3.60	.27	.10			.97	.20	.15	1.25	.15	.05	.49			7.98
WHITE ROCK														.48	.02	.64					.23	T	2.00	.80		1.30		.82				6.29
WHITECLIFFS						1.00			T															.45						.40		1.85
WILSON															.73	.65	.64	1.60	.87					.83		-	-	-	-	-		-
WINFREY R											.68					.73					.23	.05	2.08	.12		.69		1.80				6.38
WING R													1.40			.50							.90					.20				3.00
WYNNE						1.31		.15								.47	.20	1.68	2.01	.17				.82		.02	T	.16	.27	T		7.26
YELLVILLE						.74										.17	.78	2.03						.76	T				.38			4.86

See Reference Notes Following Station Index

TABLE 3

DAILY PRECIPITATION

DELAYED DATA

ARKANSAS
JUNE 1948

STATION	DAY OF MONTH																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DECEMBER 1947																																
Alicia R	NO RECORD PRIOR TO 4TH					.14	1.65									NO RECORD AFTER 14TH																----
Heber Springs (nr) R	RECORD INDETERMINABLE PRIOR TO 31ST																														---	----
JANUARY 1948																																
Alicia R												.70																				0.70
Botkinburg (nr) R	.50										.02	.68												.03		.26	.04					1.53
FEBRUARY 1948																																
Alicia R							.05		.55	.39	.26														.75	.34	.4†					2.75
MARCH 1948																																
Alicia R				2.90		.46												.30			1.86	.14	.05			.10						5.81

See Reference Notes Following Station Index

ARKANSAS
JUNE 1948

TABLE 4
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1st																									
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEEBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAISY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTROSE																							.30		.30
MOUNT IDA 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4th																									
BULL SHOALS DAM																					.70				.70
5th																									
ALICIA																							.08	.12	.20
AUGUSTA																								*	*
BATESVILLE L O 1																							.28	.02	.30
CANAAN								.08		.01			-	-	-	-	-	-	-	-	-	-	-	-	-
CLARKSVILLE																								.40	.40
COMPTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORNING																					*	*	*	.42	.42
GILBERT																						.02	.03		.05
HARDY																						.20	.12	.02	.34
HEBER SPRINGS 3SW																								.14	.14
MAUMEE																						.20	.08		.28
MOUNTAIN HOME																						.58		.01	.59
NORFORK DAM																						.73		.01	.74
PARTHENON							.25																		.25
PYATT										.36															.36
SMITHVILLE																*	*	*	*	*	*	*	*	.35	.35
WHEELING															.10							.65			.75
6th																									
ALICIA	.05																								.05
ARKADELPHIA															.07	.02									.09
AUGUSTA	*	*	*	*	*	*	*	2.17																	2.17
BATESVILLE L O 1	.40	.03	.02	.01																					.46
BEAR CREEK LAKE	.39	.09	.01	.51	.05																				1.05
BRINKLEY //	.63	.01	.01	.64	.01																				1.30
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARPENTER DAM														.32											.32
CLARKSVILLE	.40																								.40
DANVILLE		.28	.02				.08	.02																	.40
DUMAS 2				.03	.35	.02																			.40
FOREMAN																.30	.75	.15							1.20
FORREST CITY	.40	.02	.18	.06	.06																				.72
FORT SMITH WB AIRPORT	.09	.02																							.11
MARIANNA	.25	.05	.10	.43	.04				.02																.89
MONTICELLO						*	.27																		.27
MONTROSE									.30	.25		.04	.01												.60
MOUNTAIN HOME	.01																								.01
NASHVILLE SCS															.60	.45									1.05
NIMROD DAM			.10																						.10
NORFORK DAM	.01																								.01
PRESCOTT SCS															.05	.63									.68
STUTTGART 9ESE		.05		.17	.03											.27									.52
TEXARKANA WB AP //											.09						.45	.05							.59
7th																									
BRINKLEY //																		.07							.07
COMPTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAISY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PINE BLUFF 3N																				.25					.25
REMMEL DAM															.42										.42
STUTTGART 9ESE																		*	*	.36					.36
8th																									
APPLETON												.15	.03												.18
AUGUSTA															*	-	.57								.57
BOTKINBURG																.10									.10
CARPENTER DAM											.01														.01
DAISY										.03	.07														.10
DUMAS 2													.45			.03									.48
FORREST CITY																.06									.06
GILBERT														.06											.06
HUNTSVILLE										.02															.02
LITTLE ROCK WB AP													.15	.21	.01				.24						.61
MENA										.02															.02
PRESCOTT SCS											.15														.15
TEXARKANA WB AP //											.05														.05
9th																									
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEXARKANA WB AP //	*	*	*	*	*	*	*	*	*	*	*	*	.01												.01
11th																									
BEAR CREEK LAKE		.12																							.12
FOREMAN											.08														.08
WINFREY		.05			.10								.05	.10	.07	.13	.01		.17						.68
12th																									
HARDY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
13th																									
ALUM FORK															.02										.02
ALY																			.95	.30			.04	.01	1.30
APPLETON				.05																					.05
BERRYVILLE																			.25						.25
BLUE MOUNTAIN DAM																					.02	.02	.06		.10
BOONEVILLE																					.01	.03	.01		.05
BOTKINBURG															.10										.10
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARPENTER DAM																		.18	.02						.20
CLARKSVILLE																		.10	.15	.55					.80
COMBS																	.05		.35	.03	.04				.47
DANVILLE																			.17	.01					.18
DURHAM																		.14	.06	.12					.32
FORT SMITH WB AIRPORT																					.05	.04	.01		.10
GILBERT																*	*	*	*	*	*	*	*	*	*
HEBER SPRINGS 3SW														.05											.05
HUNTSVILLE																		.53	.04						.57
MAUMEE																	.03								.03
MENA																						.25	.04		.29
MOUNT IDA 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NIMROD DAM																		.50				.05	.05		.60
PARTHENON																.06	.01		.01						.08
WALDRON																				.35	1.09	.11	.01		1.56
WEST FORK																					.10				.10
WING																		1.10	.10			.10	.10		1.40
14th																									
ALUM FORK		.02																							.02
BERRYVILLE				.05	.05	.05	.05																		.20
CLARKSVILLE			.05	.05	.02	.03				.07															.22
COMBS			.10	.08	.14	.11	.06		.08	.04	.03														.64
COMPTON				.05	.08		.18	.08		.02															.41
CORNING																							.17	.13	.30
DENVER						.06		.04																	.10
DURHAM			.18	.17	.15	.25	.05																		.80
FORREST CITY		.08		.02																					.10
FORT SMITH WB AIRPORT	.01	.04	.03	.01	.04																				.13
GILBERT	*	*	*	*	*	*	*	*	*	*	*	.06													.06
HUNTSVILLE		.01	.06	.16	.06	.08	.07		.03			.01													.48
KINGSLAND	-	-	-	-	-	-	-		.10				-	-	-	-	-	-	-	-	-	-	-	-	-
MAUMEE													.22												.22
MOUNTAIN HOME							.04	.06																	.10
NORFORK DAM						.02																			.02
PARTHENON			.01	.05	.09	.08	.17	.04	.01	.04	.03														.52
PYATT					.04	.04	.02	.02				.05													.17
SMITHVILLE																								.03	.03
WALDRON							.02	.02																	.04
WEDINGTON LAKE		.20	.14	.04	.16	.06																			.60
WEST FORK		.05	.15	.20	.05	.15	.05																		.65
15th																									
AUGUSTA																						.02	.08	.05	.15
BERRYVILLE												.05													.05
BULL SHOALS DAM													.05												.05
CANAAN													.25												.25
COMPTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORNING	.07																								.07
DENVER									.60	.02		.08	.04	.02											.76
HARDY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUNTSVILLE												.03	.01												.04
LITTLE ROCK WB AP															.05										.05
MARIANNA		.04	.01																						.05
MOUNTAIN HOME										.06															.06
PYATT								.03	.02			.04	.01												.10
SMITHVILLE	.12																				.03				.15
16th																									
ALICIA																.07	.07	.01							.15
ALUM FORK														.60	.05	.87									1.52
ALY													.35	.20											.55
APPLETON													.55	.10	.02										.67
ARKADELPHIA															.66	.01									.67
AUGUSTA	.06	.02	.01	.01											.38	.10	.06	.02	.02						.68
BATESVILLE L O 1														.71	.19	.10	.05								1.05
BEAR CREEK LAKE																.44	.14	.02							.60
BERRYVILLE												.23	.14												.37
BLUE MOUNTAIN DAM													.47												.47
BOONEVILLE												.05	.70												.75
BOTKINBURG													.60	.13	.01										.74
BRINKLEY //															.22	.08	.10	.01							.41
BULL SHOALS DAM													.39	.12	.06	.02									.59
CARPENTER DAM														.17	.12										.29
CLARKSVILLE													.53	.10											.63
COMBS												.43	1.05	.03											1.51
DANVILLE													.20	.14		.01									.35
DENVER													.36	.06	.04										.46
DUMAS 2																.63	.02	.03							.68
DURHAM											*	*	*	*	*	*	*	*	1.70						1.70
FORREST CITY																.08	.14	.07	.01						.30
FORT SMITH WB AIRPORT						.01						.60		.03											.64
GILBERT													.30	.16		.14									.60
HARDY															.08	.05	.05	.02							.20
HEBER SPRINGS 3SW														.82	.16	.02									1.00
HUNTSVILLE		.16									.02	1.42	.10												1.70
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITTLE ROCK WB AP														.46	.32	.06									.84
MARIANNA																.45	.13	.02							.60
MAUMEE													.55	.13	.02	.20									.90
MENA													.34												.34
MONTICELLO																*	.83								.83
MOUNT IDA 2														.25											.25

See Reference Notes Following Statbn Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOUNTAIN HOME												.01	.53	.14	.04	.07	.01								.80
NIMROD DAM													*	*	.80										.80
NORFORK DAM													.45	.11	.09	.04									.69
PARTHENON												.33	.17	.03	.01	.01									.55
PINE BLUFF 3N															.25	.10									.35
PYATT												.05	.40	.08	.02	.03	.01	.01							.60
REMMEL DAM															.42	.01									.43
SMITHVILLE			.01	.01											.13	.12	.06	.02							.35
STUTTGART 9ESE														.05	2.55	.13	.09	.03							2.85
WALDRON												*	.18												.18
WEDINGTON LAKE											.75	.27	.03												1.05
WEST FORK											.05	1.30	.02	.01											1.38
WINFREY											.70	.03													.73
WING													.50												.50
17th																									
ALICIA																	.05	.62	.02						.69
AUGUSTA				.01	.01	.02													.39		.01				.44
BATESVILLE L D 1																*	*	.03							.03
BRINKLEY //																				.16					.16
BULL SHOALS DAM																.73	.02							.65	1.40
CANAAN					.08			.03	.01				.18	.15											.45
CORNING																	.70	.11							.81
DENVER																								.64	.64
DUMAS 2		.01	.03	.01																					.05
HARDY															.10	.08	.12								.30
HEBER SPRINGS 3SW																		.20							.20
MAUMEE																								.05	.05
MOUNTAIN HOME																.69	.01							.54	1.24
NORFORK DAM																.25	.20							.40	.85
PINE BLUFF 3N		.03																							.03
PYATT																								.90	.90
SMITHVILLE																.05	.40	.15							.60
STUTTGART 9ESE																				1.62	.30				1.92
WHEELING	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18th																									
ALICIA	.11	.28	.06	.01	.48	.13				.01	.09	1.48	.04	.01	.02										2.72
AUGUSTA		.04	.74		.01	.54			.05		.03		.34	.01					.01		.01			.01	1.79
BATESVILLE L D 1		.20	.01		.83	.06				.01	.01	.68	.10												1.90
BEAR CREEK LAKE				.18	.02	*	.20																		.40
BOTKINBURG					.02																				.02
BRINKLEY //							.10																		.10
BULL SHOALS DAM			.75	.32	.01	.01	.01																	.05	1.15
CORNING	.79	.26	.09					.03	.02	.05	.10	.04		.01											1.39
DENVER	.12			.76		.04				.01															.93
FORREST CITY			.04	.36			.64	.02						.04											1.10
GILBERT	.80			.40	.32																				1.52
HARDY	.30	.08	.07	.06	.08	.05		.03	.02	.83	1.75	.10						-	-	-	-	-	-	-	-
HEBER SPRINGS 3SW					1.29	.06																			1.35
MARIANNA				.09	.01		.40	.04																	.54
MAUMEE	.95			1.03		.02			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNTAIN HOME	.04	.02		1.20		.07			.02	.01														.20	1.56
NORFORK DAM	.13			.80	.01	.01																		.09	1.04
PYATT	.05		.15	.65		.07		.02	.01																.95
SMITHVILLE	.33	.07	.12	.05	.18	.02					1.70	.20	.03			.01									2.71
STUTTGART 9ESE				.02	.02	.01	*	.10																	.15
WHEELING	*	*	*	*	*	*	*	*	*	*	*	2.75												.85	3.60
19th																									
ALICIA	.15	.09		.03	.02				.05		.02	.20			.18	.12	.15	.05							1.06
ALUM FORK															1.85	.20	.02								2.07
APPLETON																.35	.05	1.40	.30	.05					2.15
AUGUSTA				.01	.01				.40	.03	.02		.30	.10	.09	.01	.01	.54	.30	.08	.02	.07			1.99
BATESVILLE L D 1	.05		.50	.20					.59	.10	.05	.01	.07	.48	.75	.90	.35	.01	.13	.06					4.25
BEAR CREEK LAKE						.25				.44	.27	.01	.02												.99
BLUE MOUNTAIN DAM																.10	.10								.20
BOTKINBURG								.07								.60	.40	.20	.02	.08					1.37
BRINKLEY //									.03	1.27		.05						.02	.11	.15	.02			.01	1.66
BULL SHOALS DAM	.70	.30	.70	.03	.42	.04																			2.19
CANAAN	.28		.01	.04				.02					-	-	-	-	-	-	-	-	-	-	-	-	-
CARPENTER DAM																		.20	.20						.40
COMPTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORNING	.43	.05																							.48
DANVILLE																.08	.14	.03							.25
DENVER	.10		.02																						.12
FORREST CITY					.12	.02			.78	.44	.04	.16	.14	.01	.01		.06	.02	.03	.17	.02				2.02
GILBERT				.06													.09								.15
HARDY	-	-	-	-	-	-	-	-								.15	.09	.01							-
HEBER SPRINGS 3SW																.10	.20		.03	.12					.45
LITTLE ROCK WB AP																		.04	.12	.04					.20
MARIANNA					.01	.04				.10	.10		.10						.02	.03					.40
MOUNTAIN HOME	.06	.66	.36	.14	.10	.50	.62		.07	.01							.10	.01							2.63
NORFORK DAM	.01	.25	.09	.04	.01	.34	.12	.04							.01	.05	.05								1.01
PYATT			.49	.06	.18		.12	.05																	.90
REMMEL DAM																			.10						.10
SMITHVILLE	.33	.01	.01	.04	.01	.05			.03	.01		.01			.30	1.05	.25	.30							2.40
STUTTGART 9ESE																				.12	.01				.13
WALDRON															*	*	.56								.56
WHEELING	.03	.07				.05			.02		.02					.03	.05								.27
20th																									
ALY																.02		.01		.01	.01				.05
AUGUSTA			.01	.02																					.03
BRINKLEY //										.03	.01		.01												.05
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NIMROD DAM														.04	.01										.05
WHEELING				.10																					.10

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
21st																									
APPLETON																.05									.05
BLUE MOUNTAIN DAM															.02										.02
BOTKINBURG															.10	.40									.50
DURHAM						.10																			.10
FORT SMITH WB AIRPORT				.10	.47	.32																			.89
HUTTIG DAM																		.09							.09
MOROBAY L D 8																	.10								.10
WEDINGTON LAKE				.12	.10	.02	.08																		.32
WEST FORK				.11	.07	.08	.02																		.28
WINFREY		.04	.03	.13	.03																				.23
22d																									
AUGUSTA																			.04						.04
CAMDEN 2																		.10							.10
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMBS													.01				.01								.02
DAISY																						.32	.05		.37
HUTTIG DAM															.10	.07	.02								.19
MARIANNA																								.42	.42
MAUMEE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINFREY													.05												.05
23d																									
ALICIA																-	-	-	-	-	-	-	-	-	-
ALUM FORK																	.05	.08		.12	.49			.01	.75
ALY															.62		.22		.25	.31		.01	.13	.03	1.57
APPLETON													.07	.23	.01		.01	.13	.10	.30	.05				.90
ARKADELPHIA												.05									.05				.10
AUGUSTA																	.25	.03	.07			.09	.25	.08	.77
BATESVILLE L D 1									.75	.05	.08										.01	.13	.08		1.10
BEAR CREEK LAKE																								.40	.40
BERRYVILLE					*	*	*	*	*	*	*	*	.50				.08	.04	.08	.03					.73
BLUE MOUNTAIN DAM													.45	.23	.03	.19	.05	.35	1.21	.05		.04	.08	.02	2.70
BOONEVILLE												.15						.05	.55	.09	.01		.10	.03	.98
BOTKINBURG															.16	.03		.11	.06	.66	.10				1.12
BRINKLEY //																							.22	.10	.32
BULL SHOALS DAM																		.05	.07	.35	.02				.49
CAMDEN 2																.10									.10
CANAAN												.40	.05	.05	.01	.08	.19	.29	.07	.01					1.15
CARPENTER DAM																				.03					.03
CLARKSVILLE													.30			.09	.03	.48	.50	.10				.05	1.55
COMBS									.03	.37	.63	.82	.24	.01			.22	.06	.25	.07			.01	.04	2.75
COMPTON									.10	.09	.19	.07	.10	.07	.13			.10	.11	.11					1.07
CORNING																.32	.06								.38
DANVILLE																.04	.08	.08	.60	.30	.03	.03	.04		1.20
DENVER								.10	.21	.05	.06	.04	.12	.07		.02		.05	.04	.07	.03				.86
DURHAM								.15	.20	.65	.23	.12	.10	.10	.03	.30	.32	.33	.15	.02			.03	.02	2.75
FOREMAN															.10							.25	.08		.43
FORREST CITY																								.09	.09
FORT SMITH WB AIRPORT											.29	.03	.03	.01	.04	.03	.14	.74	.08	.02	.02	.09	.06		1.58
GILBERT											.01	.04	.02	.08	.01	.04	.02	.23	.05	.10	.04				.64
HARDY														.03		.02	.03	.01		.02		.34			.45
HEBER SPRINGS 3SW														.04	.28	.25		.04				.16	.60	.03	1.40
HUNTSVILLE					.01	.02	.09	.21	.80	.25	.02	.21	.11	.03		.15	.09	.23	.15	.10					2.47
LITTLE ROCK WB AP																		.01				.38			.39
MARIANNA		.01	.01	.01																					.03
MAUMEE												.02	.03	.06	.03	.01	.02	.20	.06	.17					.60
MENA											.03	.08							.23	.07	.15	.18	.08	.04	.86
MOUNT IDA 2																.27	.02	.21	.05	.35		.22	.08		1.20
MOUNTAIN HOME															.01			.05	.04	.50			.01	.01	.62
NASHVILLE SCS															.15	.01						.49	.11		.76
NIMROD DAM													.02	.40	.01	.01	.20	.01	.22	.40	.01		.09	.03	1.40
NORFORK DAM																		.01	.09	.08	.03				.21
PARTHENON										.20	.17	.08	.06	.01	.03		.16	.70	.20	.07	.01				1.69
PRESCOTT SCS																						.20	.02	.08	.30
PYATT										.05		.04	.01	.03	.01		.01	.05	.25	.15	.03				.63
RAVANA																.07									.07
REMMEL DAM																					.28				.28
SMITHVILLE															.85	.05	.05					.15	.20	.05	1.35
STUTTGART 9ESE																							.03		.03
WALDRON											.01				.13	.05		.12	.41	.06	.03	.06	.10	.04	1.01
WEDINGTON LAKE				.30	.45	.55	.90	.60	.52	.14	.06	.18	.12	.20	.20	.30	.23	.20	.07			.06	.02		5.10
WEST FORK					.20	.05	.05	.04	.83	.43	.45	.13	.06	.01	.18	.22	.44	.24	.07	.01	.02	.04	.03		3.50
WHEELING												.32	.10						.19	.01	.35				.97
WINFREY										.25	.20	.25	.11	.03	.01	.34	.16	.32	.24	.06	.02	.01	.05	.03	2.08
WING																.20	.08	.02	.45	.05			.10		.90
24th																									
BATESVILLE L D 1				*	*	*	*	.06																	.06
BEAR CREEK LAKE																					*	*	*	*	*
BERRYVILLE							.03																		.03
BLUE MOUNTAIN DAM					.02	.02																			.04
BOONEVILLE	.01																								.01
BULL SHOALS DAM								.03	.03																.06
CANAAN		.02		.02	.05																				.09
CLARKSVILLE				.05	.04	.01																			.10
COMBS						.21																			.21
COMPTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORNING														.02	.02		.04	.03	.01				.01	.03	.16
DANVILLE				.02	.08																				.10
DURHAM						.12																			.12
FOREMAN														.09											.09
FORREST CITY	.03																								.03
GILBERT		.01			.10			.05																	.16
HARDY										.15															.15
MAUMEE					.08	.02																			.10
MENA											.04														.04
MOUNTAIN HOME	.01	.02						.04																	.07
NASHVILLE SCS														.08											.08
NORFORK DAM				.01	.01			.07																	.09
PARTHENON						.20	.10																		.30
PYATT	.01		.01		.02		.03																		.07

See Reference Notes Following Station Index

ARKANSAS
JUNE 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
RAVANA															.09										.09
SMITHVILLE							.03	.02		.05	.02														.12
WALDRON			.02	.01			.02				.05	.02													.12
WHEELING						.05			.15																.20
WINFREY			.01	.01		.10																			.12
25th																									
APPLETON								.08		.05															.13
BATESVILLE L D 1					*	.02																			.02
BEAR CREEK LAKE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BERRYVILLE							.08	.08	.09																.25
BULL SHOALS DAM								.04	.01		.05					.31	.01								.42
CANAAN										.02	.18														.20
CORNING	.05								.02		.08		.45	.05											.65
DENVER							.13	.23	.03			.14			.01										.5
FORT SMITH WB AIRPORT																.08	.02								.1
GILBERT											.03	.01	.01												.0
HARDY											.05	.74	.06												.8
HEBER SPRINGS 3SW										.06	.01			.03					.01						.1
MAGNOLIA																			.18						.1
MAUMEE										.05	.07														.1
MOUNTAIN HOME										.06						.25	.09	.01							.4
NORFORK DAM										.10	.08	.07				.15	.30								.7
PYATT										.05															.0
RAVANA																	.85								.8
SMITHVILLE												.46	.01	.01											.4
STUTTGART 9ESE								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TEXARKANA WB AP //														.22	.08										.3
WEDINGTON LAKE						.15	.17	.02						.05											.3
WEST FORK							*	1.70																	1.7
WHEELING											.04	.08					.02		.01						.1
26th																									
ALY																.12	.01								.1
APPLETON																.37	.02	.37	.01						.7
AUGUSTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEAR CREEK LAKE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BOTKINBURG																		.18	.02						.2
BRINKLEY //					*	.05																			.0
BULL SHOALS DAM											.21	.01	.01												.2
CANAAN														.14	.01	.01	.15	.05							.3
COMBS								.62	.65																1.2
COMPTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORNING															.12								.18	.34	.
DENVER										.03	.10	.02	.02												.
DURHAM									.18	.07					.02		.35								.
GILBERT										.04															.
HARDY															.39						.27				.
HUNTSVILLE								.05	.11	.15	.01							.23							.
MARIANNA							.05																		.
MAUMEE										.41							.28								.
MOUNTAIN HOME											.72							.05							.
NIMROD DAM																	.02								.
NORFORK DAM											.35	.06												.07	.
PARTHENON									.05	.15	.15					.15									.
PINE BLUFF 3N			.04	.40																					.
PYATT										.12	.15														.
STUTTGART 9ESE	*	*	*	*	*	*	.04																		.
TEXARKANA WB AP //																	.02								.
WEDINGTON LAKE					.25	.05			.08			.01	.01		.55										.
WEST FORK						.07	.01		.35						.15	.65	.15								1.
WHEELING											.10	.36							.34					.45	1.
WINFREY							.02	.48	.02	.06					.04			.07							.
27th																									
ALUM FORK														.05											
ARKADELPHIA										.07															
BATESVILLE L D 1				.14	.07	.19	.10	.04	.04	.01	.01														
BEAR CREEK LAKE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
BERRYVILLE																	.11	.04	.02						
BULL SHOALS DAM																		.04							
CLARKSVILLE														-	-	-	-	-	-	-	-	-	-	-	
COMBS									.05																
COMPTON																					.10				
CORNING								.09	.01	.09	.08														
DUMAS 2																			.15	.06	.01		.25	.23	
FORREST CITY														.56	.02		.01								
GILBERT												.06													
HARDY		.30	.50	.18	.01	.01		.48	.10		.01	.01			.38										1
HEBER SPRINGS 3SW				.19		.01																			
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NIMROD DAM												.06													
PARTHENON									.01	.02															
SMITHVILLE							.07		.48	.01															
STUTTGART 9ESE														.10											
TEXARKANA WB AP //			.03	.01																					
WHEELING	.15																								
28th																									
ALUM FORK															.07										
APPLETON																.02									
ARKADELPHIA															.04	.02						.03			
BATESVILLE L D 1																.25	.42	.03	*	*	*	*	*	*	
BEAR CREEK LAKE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
BERRYVILLE						.01	.01	.08	.10	.24			.04												
BLUE MOUNTAIN DAM													.15												
BOONEVILLE															.02										
BOTKINBURG						*	.12								.35	.05	.03								
BRINKLEY //																			.05	.05	.01				
BULL SHOALS DAM									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAMDEN 2																				.10	.13	.01	.10	.04	
CANAAN			.02					.05																	

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
JUNE 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CARPENTER DAM														.02	.11	.01						.04			.18
COMBS				.27	.07	.01	.05		.30	.04						.03									.77
COMPTON									.22	.02															.24
CORNING																		.18	.02						.20
DAISY														.07		.05						.02			.14
DENVER					.01	.01			.06	.26			.02												.36
DUMAS 2	.25	.12																							.37
DURHAM			.15	.15	.05		*	.30	.35																1.00
FOREMAN														.04	.02	.01			.01	.10	.03	.02			.23
FORT SMITH WB AIRPORT				.13		.01		.40																	.54
GILBERT						.04	.01																		.05
HUNTSVILLE				.16	.06	.02	*	.31	.46	.09															1.10
HUTTIG DAM																					.30	.35	.30	.30	1.25
KINGSLAND																								.12	.12
LITTLE ROCK WB AP																.13									.13
MAGNOLIA																					.10		.07	.01	.18
MARIANNA																					.05	.01			.06
MAUMEE						.06				.03															.09
MENA													.16	.06											.22
MONTICELLO																		.15	.06	.02			.27	.28	.78
MOROBAY L D 8																		.25		.02	.38	.03	.09	.18	.95
MOUNTAIN HOME											.10														.10
NASHVILLE SCS			.02	.01	.01			.02	.08	.01															.15
NIMROD DAM															.25										.25
NORFORK DAM																		.02							.02
PARTHENON				.01	.03	.14			.10	.01						.17	.01								.47
PINE BLUFF 3N																								.04	.04
PRESCOTT SCS												.05			.53	.01	.01				.10	.06			.76
PYATT							.05	.02		.06	.15							.02							.30
RAVANA															.70	.20	.01			.29	.15	.05	.01		1.41
SMITHVILLE																		.09	.01						.10
STUTTGART 9ESE																	.07	.22		.01	.04			.20	.54
TEXARKANA WB AP //															.25				.10	.10	.05	.01	.03		.54
WEDDINGTON LAKE			.13	.07			.13	.10	.06																.49
WEST FORK			.25	.06	.25	.04	.13	.32																	1.05
WHEELING																		.05							.05
WINFREY				.45	.03	.01		*	1.16		.02	.03	.04	.02	.04										1.80
WING															.20										.20
29th																									
APPLETON			.05	.01	.08	.06									.02	.08									.30
ARKADELPHIA																				.01					.01
BATESVILLE L D 1		.04	.36																						.40
BEAR CREEK LAKE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BERRYVILLE												.02													.02
BLUE MOUNTAIN DAM														.08											.08
BRINKLEY //		.09	.12	.08																					.29
CANAAN		.02	.03	.05			.75																		.85
CORNING			.08	.02					.02					.07		.05									.24
DANVILLE		.25	.02																						.27
DENVER						.40	.33	.01	.01																.75
FORREST CITY			.06	.12	.01			.01									.12								.32
GILBERT		.02	.01																						.03
HARDY			.01	.78	.25	.01	.01								.41										1.47
HEBER SPRINGS 3SW		.16	.02	.01				.01							.10	.01									.31
HUNTSVILLE						.20																			.20
HUTTIG DAM	.05	.03	.01		.01		.10																		.20
KINGSLAND	.09																								.09
LITTLE ROCK WB AP	.03																								.03
MARIANNA	.04	.24	.01															.05							.34
MAUMEE	.01	.04	.02	.02		.01																			.10
MONTICELLO	.12	.04	.01			.04																			.21
MOROBAY L D 8		.01	.02					.03	.02	.01	.05														.14
MOUNTAIN HOME		.02	.03	.05																					.10
NIMROD DAM															.08										.08
NORFORK DAM	.01	.01		.23	.32			.13						.01	.04										.75
PARTHENON							.02	.07																	.09
PINE BLUFF 3N	.06	.03	.01	.01																					.11
SMITHVILLE			.33	.05	.02																				.40
STUTTGART 9ESE	.20	.13	.02															.09							.44
WHEELING		.05	.09	.06	.09	.05	.02	.05	.08																.49
30th																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APPLETON																.23	.02								.25
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEAR CREEK LAKE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.78	.78
BEEBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BULL SHOALS DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLARKSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPTON		.30																							.30
DANVILLE		*	.05																						.05
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARTHENON														.25											.25
PINE BLUFF 3N																					.97	.29			1.26
SMITHVILLE												.05													.05
STUTTGART 9ESE															.04										.04

See Reference Notes Following Station Index

TABLE 4
HOURLY PRECIPITATION
DELAYED DATA

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DECEMBER 1947																									
Alicia (6th)																							.05	.09	0.14
Alicia (7th)		.55		.03	.17	.20	.05	.05	.10	.35	.10	.03	.02												1.65
Heber Springs (nr) (31st)	RECORD INDETERMINABLE PRIOR TO 1:00 P.M.													.16	.44	.18	.02	.10	.10	.72	.32	.10	.02	,01	----
JANUARY 1948																									
Alicia (12th)			.07	.18	.10	.25	.04	.01	.02	.02		.01													0.70
Botkinburg (nr) (26th)									.02		.02	.04	.02				.04	.04	.02				.04	.02	0.26
Botkinburg (nr) (27th)	.02	.02																							0.04
FEBRUARY 1948																									
Alicia (7th)															.03	.02									0.05
Alicia (9th)				.05			.05	.05	.10	.05	.12	.02	.06	.05											0.55
Alicia (10th)			.01	.02	.02	.10					.02	.03											.05	.14	0.3
Alicia (11th)	.14	.05	.02						.03			.01		.01											0.2
Alicia (25th)		.04	.02	.02	.07		.01	.05	.06	.08	.08	.03	.02	.02	.10	.05	.04	.01			.04			.01	0.7
Alicia (26th)	.01			.02	.02	.17		.01	.01	.01	.02	.05	.01			.01									0.3
Alicia (27th)				.01					.04		.13	.08	.10	.05											0.4
MARCH 1948																									
Alicia (4th)										.02	.16	.27			.15	.10	.40	.90	.90						2.9
Alicia (6th)	.18	.15	.08	.05																					0.4
Alicia (18th)														.20	.10										0.3
Alicia (21st)																	.05	.08	.20	.28	1.25				1.8
Alicia (22d)																			.08	.06					0.1
Alicia (23rd)			.05																						0.0
Alicia (26th)														.08	.02										0.1

TABLE 5

DAILY TEMPERATURES (° FAHRENHEIT)

ARKANSAS
JUNE 1948

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX	84	85	88		92	93	93	90	93	88	91	93	97	95	94	94	92	92	84	92	90	89	92	89	91	90	88	90	87	90		90.6
	MIN	61	51	55		65	66	67	71	71	58	59	60	70	68	67	65	62	70	68	65	65	65	70	65	71	71	68	70	64	64		65.2
ARKADELPHIA	MAX	85	84	82	89	92	94	93	95	93	89	89	92	96	98	98	97	96	97	95	97	97	96	97	97	94	96	97	91	95	89		93.3
	MIN	60	55	55	56	64	68	65	70	67	58	60	60	63	68	70	69	65	68	73	68	72	73	75	67	70	71	72	71	64	65		66.1
ASHDOWN	MAX	83	85	88	91	94	93	93	92	90	87	90	94	96	96	94	95	95	95	97	98	94	94	94	88	81	91	90	89	85	92		91.5
	MIN	51	52	54	64	66	61	67	71	60	59	61	66	67	70	69	66	74	74	72	72	74	76	66	73	69	69	69	61	61	68		66.1
BATESVILLE AIRWAY	MAX	82	87	90	89	81	90	94	92	85	87	91	93	93	91	89	81	87	80	76	88	90	89	90	86	89	92	85	90	86	90		87.8
	MIN	56	52	54	56	65	64	61	65	57	57	58	61	68	69	65	63	61	65	65	64	76	78	68	66	70	69	69	69	67	61		64.0
BATESVILLE LIVESTCK	MAX	87	87	88	89	90	91	93	94	92	86	87	91	93	90	90	89	79	86	80	76	88	90	88	89	83	90	90	87	90	86		88.0
	MIN	51	50	51	52	57	62	60	66	53	52	54	58	66	65	60	67	58	64	64	62	68	74	74	64	70	65	66	70	66	60		61.6
BEE BRANCH	MAX	83	86	86	88	89	92	93	91	87	89	90	92	93	90	90	89	86	84	82	89	89	89	88	84	90	90	87	87	80	90		88.1
	MIN	54	51	54	54	61	65	61	70	59	56	56	59	66	68	64	64	63	65	64	64	74	73	68	65	68	68	65	63	66	62		63.0
BENTON	MAX	83	82	85	88	88	89	91	95	91	85	87	90	91	95	94	94	93	93	90	92	92	91	92	91	88	92	93	92	92	88		90.2
	MIN	55	50	52	54	62	62	62	61	63	57	57	56	60	61	67	61	64	69	71	68	67	68	74	67	70	70	72	71	64	63		63.3
BENTONVILLE	MAX	82	82	85	85	87	92	90	92	93	88	92	93	91	93	89	86	79	90	90	81	89	82	87	68	80	88	78	86	77	83		85.9
	MIN	51	48	51	55	62	62	64	65	51	54	56	60	64	61	65	65	61	69	68	64	65	66	63	63	65	64	65	62	63	62		61.1
BETHESDA	MAX	81	83	86	88	88	91	88	93	90	83	86	90	93	93	90	88	89	85	79	79	87	91	88	88	84	90	90	87	88	89		87.5
	MIN	50	50	50	50	68	61	57	62	52	51	53	56	66	65	60	65	69	62	63	62	75	74	74	64	66	65	66	69	65	59		61.6
BLYTHEVILLE	MAX	83	85	90	95	94	98	88	94	94	88	92	95	97	93	95	89	84	90	80	77	90	91	92	93	88	91	94	85	92	86		90.1
	MIN	54	57	60	68	68	65	64	69	60	61	66	67	72	73	67	71	66	66	68	66	73	76	71	70	73	71	73	70	71	68		67.5
BOONEVILLE	MAX	82	86	89	90	95	95	94	95	93	90	93	97	99	95	92	94	94	96	96	93	93	93	89	81	94	90	92	88	89	95		92.1
	MIN	55	51	52	54	63	70	66	68	65	57	58	59	70	68	69	68	67	75	73	70	70	78	71	76	70	72	67	68	67	62		66.0
BRINKLEY	MAX	86	90	91	92	93	89	92	93	86	89	92	93	97	96	95	93	90	87	84	92	92	92	92	89	94	94	92	92	87	91		91.2
	MIN	59	51	54	57	61	64	64	67	60	61	61	62	63	71	67	66	64	67	67	65	75	74	73	70	73	72	73	73	66	66		65.5
CAMDEN 1	MAX	88	85	88	93	92	95	91	95	93	93	93	97	95	99	99	97	96	97	95	97	98	97	95	95	94	95	96	92	94	87		94.0
	MIN	57	51	53	56	63	70	64	72	68	57	59	61	66	70	74	73	67	74	77	72	74	76	73	71	74	72	75	73	66	67		67.5
CAMP CHAFFEE	MAX	83	84	85	89	92	96	95	93	95	90	92	94	95	98	96	94	83	96	98	91	95	94	94	84	82	93		93	83	88		91.2
	MIN	56	52	53	56	64	72	68	72	63	.57	60	61	68	69	70	66	58	66	75	70	67	72	80	66	70	71		66	69	63		65.5
CONWAY	MAX	85	88	89	89	92	96	94	91	88	89	92	94	97	95	93	94	92	90	91	92	93	92	92	86	94	92	89	92	86	92		91.3
	MIN	54	54	55	57	64	66	65	65	60	58	58	61	68	70	68	64	65	65	65	64	65	65	69	65	71	71	69	69	64	65		64.0
CORNING	MAX	81	85	91	91	92	95	87	93	90	84	89	93	94	87	91	86	80	87	80	81	87	90	91	91	82	90	91	85	90	83		87.9
	MIN	51	52	55	57	67	65	62	64	54	57	60	64	70	68	64	68	63	66	67	65	72	75	75	70	69	67	71	71	70	66		64.8
CROSSETT	MAX	83	85	90	91	93	90	94	92	89	89	91	95	96	95	95	96	96	96	98	97	96	94	98	97	96	97	94	98	94	90		93.5
	MIN	55	50	52	56	61	68	65	70	70	56	60	59	68	69	70	71	67	74	74	70	71	73	73	72	71	70	71	72	66	65		66.3
CUMMINS FARM	MAX	85	88	90	91	93	89	96	95	88	88	91	95	97	97	96	96	91	92	93	96	96	97	96	95	97	96	92	95	84	90		92.8
	MIN	54	53	53	57	58	67	62	69	66	60	60	51	67	70	71	64	65	69	74	67	72	73	73	68	73	72	72	69	65	67		65.4
DANVILLE	MAX																																
	MIN																																
DARDANELLE	MAX	87	87	88	89	91	96	98	95	96	90	90	95	96	97	95	93	93	94	94	95	94	92	92	92	84	93	92	92	88	86		92.1
	MIN	58	54	55	57	60	60	67	67	65	60	60	62	62	67	72	72	65	65	69	68	68	70	75	67	67	69	69	69	69	66		65.1
DE QUEEN	MAX	82	83	85	87	91	91	91	91	88	87	87	90	92	92	90	90	92	92	93	92	93	92	91	85	87	85	88	85	82	90		88.8
	MIN	63	53	54	56	64	68	64	72	72	61	60	61	67	68	71	71	67	75	74	72	72	75	75	67	73	72	69	69	65	64		67.1
DES ARC	MAX	84	83	88	90	92	93	92	95	94	84	87	91	94	95	95	94	91	89	84	81	92	93	93	94	89	95	96	83	93	86		90.3
	MIN	57	52	56	59	62	66	64	70	61	60	60	62	65	71	69	70	64	66	67	66	69	75	76	68	70	73	73	73	66	66		65.9
DEVILS KNOB	MAX	81	82	84	82	87	85	88	87	89	87	90	89	91	86	90	88	93	95	84	82	80	81	79	78	79	81	78	80	82	84		84.7
	MIN	60	61	63	65	69	68	67	65	62	60	64	69	67	62	65	66	68	67	66	64	63	65	61	60	63	68	64	66	65	66		64.6
DUMAS 1	MAX	86	79	92	94	97	90	96	97	87	84	90	97	99	99	99	95	94	95	99	98	94	87	98	98	85	90	89	85	88	80		92.0
	MIN	56	52	54	59	65	68	65	71	67	59	60	64	70	71	73	67	67	64	75	70	73	75	75	74	75	73	72	70	67	69		67.3
EL DORADO	MAX	90	86	89	92	93	95	92	95	94	93	93	95	97	99	102	101	99	100	98	100	99	99	98	99	100	98	100	93	100	85		95.8
	MIN	59	54	58	60	67	71	65	71	71	61	62	65	69	72	74	74	68	75	76	76	74	75	74	71	74	73	77	72	65	67		69.0
EUREKA SPRINGS	MAX	82	84	87	87	92	89	91	91	87	90	93	92	92	89	84	82	88	88	85	88	86	85	83	79	86	81	87	82	83	85		86.6
	MIN	56	54	56	59	70	65	67	69	56	58	64	68	66	63	65	62	63	66	66	67	67	71	65	64	67	66	68	64	64	63		64.0
FAYETTEVILLE	MAX	83	85	85	87	92	89	90	92	88	90	92	90	93	89	85	85	89	91	85	88	87	88	83	79	87	80	86	81	83	87		87.0
	MIN	54	50	52	54	71	67	66	69	57	54	62	64	66	63	68	64	66	75	69	68	67	74	65	64	65	67	68	64	66	61		64.0
FAYETTEVILLE EX S	MAX	81	85	86	87	93	90	91	94	87	90	93	91	97	88	87	84	86	89	86	85	86	86	84	79	87	83	84	83	81	85		86.9
	MIN	53	49	51	53	71	65	64	69	54	52	59	62	65	62	68	62	65	72	71	66	67	74	64	64	65	66	67	63	65	62		63.0
FORDYCE	MAX	88	88	94	92	94	92	95	97	92	92	95	96	97	99	100	95	96	95	97	96	100	99	96	100	100	97		96	90	93		95.2
	MIN	55	55	59	61	67	73	64	63	66	66	63	65	70	70	73	68	66	72	76	69	74	73	73	69	69	73						67.4
FORT SMITH WB AIRPORT	MAX	84	84	89	91	94	94	90	94	89	91	93	95	97	96	93	89	97	97	92	94	93	93	85	82	92	86	92	81	87	91		90.8
	MIN	58	53	56	59	65	72	70	72	63	59	63	62	69	68	71	68	68	77	73	71	67	79	68	67	69	73	68	67	69	64		66.9
GILBERT	MAX	84	84	87	89	90	93	92	95	94	87	90	93	94	97	92	90	83	90	83	86	89	90	90	84	81	90	87	90	87	85		88.9
	MIN	51	48	49	52	57	63	55	56	55	53	54	54	61	65	63	68	60	64	67	64	71	73	76	63	65	64	64	67	67	61		61.0
GRANNIS	MAX	81	82	84	86	89	93	92	89	89	89	89	91	95	93	94	92	93	92	95	91	92	91	92	84	90	87	87	86	82	90		89.3
	MIN	58	56	55	63	66	67	72	70	57	60	61	67	74	66	68	64	66	72	67	71	72	74	64	64	70	67	70	63	62	62		65.6
GRAVETTE	MAX	32	85	85	83	89	92	93	95	88	92	94	92	94	92	85	82	90	90	87	90	85	86	86	80	86	84	86	84	85	84		87.5
	MIN	51	50	52	57	69	63	64	63	51	56	56	61	66	62	64	63	64	72	65	67	65	67	64	64	66	64	67	63	64	63		62.1
GREEN MOUNTAIN	MAX	79	87	87	90	93	97	91	89	90	89	96	94	91	90	89	86	82	84	90	94	98	96	89	90	90	83	90	88	82	86		89.3
	MIN	59				77	78	62	61	64	62	68	70	72	72	74	66	66	70	72	67	72	69	70	68	65	65	70	71	64	67		68.2
HARRISON	MAX	82	85	86	88	92	90	93	93	86	90	93	92	92	86	85	81	90	85	82	87	89	88	84	81	88	84	90	83	81	85		87.0
	MIN	49	47	48	50	61	63	58	60	50	52	53	57	62	64	65	61	62	64	66	65	75	73	66	63	66	66	64	65	64	59		60.6

See Reference Notes Following Station Index

TABLE 5—Continued
DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HELENA	MAX	87	85	88	89	90	92	87	92	91	89	89	93	94	93	95	94	91	90	83	85	93	92	92	94	90	96	95	92	92	85		90.6
	MIN	60	58	59	61	66	66	67	72	68	63	65	67	71	72	68	73	66	69	70	69	72	76	76	73	75	75	75	77	69	69		68.9
HOPE	MAX	85	82	84	88	90	92	90	91	92	87	83	91	94	95	95	95	94	95	95	96	94	95	94	95	91	92	93	91	89	85		91.1
	MIN	60	56	56	57	64	70	64	72	71	60	61	63	68	67	74	72	66	73	76	74	75	75	75	67	70	71	72	73	64	65		67.7
HOT SPRINGS	MAX	88	90	91	91	94	91	98	98	93	93	93	95	96	100	100	95	91	96	95	96	95	95	93	94	88	92	94	92	89	87		93.4
	MIN	57	57	61	61	72	71	70	76	67	61	62	60	60	61	67	74	65	67	75	67	68	75	75	67	67	75	72	72	65	60		66.9
JONESBORO	MAX	84	89	90	90	93	89	93	91	84	88	92	92	90	92	88	79	86	81	73	91	90	91	90	87	91	92	84	91	84	90		88.2
	MIN	56	55	58	61	65	63	63	69	59	61	63	68	71	70	64	70	64	65	66	65	69	74	74	68	70	71	72	70	66	67		65.9
KEO	MAX	83	87	89	89	92	93	93	92	86	87	91	92	96	95	95	95	92	90	92	92	92	92	94	90	94	94	87	90	87	91		91.1
	MIN	60	55	55	58	65	68	64	68	63	58	60	62	69	71	70	65	65	69	70	66	74	74	75	67	74	73	73	70	66	66		66.4
LEAD HILL	MAX	84	87	90	91	95	93	94	96	89	90	95	95	94	91	88	81	87	80	81	90	91	91	83	83	83	82	92	84	85	88		88.4
	MIN	46	45	47	49	58	64	57	58	47	50	53	57	63	67	67	63	63	67	67	67	78	75	70	64	67	67	65	68	66	60		61.2
LITTLE ROCK WB AP	MAX	82	85	89	90	92	93	96	92	84	86	91	94	96	95	95	93	90	89	90	90	92	93	91	87	94	93	88	92	84	90		90.5
	MIN	63	60	61	61	65	70	68	70	68	64	64	65	74	73	77	66	66	72	71	68	77	76	69	68	75	76	76	71	67	69		69.0
LUTHERVILLE	MAX	82	86	87	89	93	93	92	92	88	88	91	92	91	92	90	90	90	90	91	89	89	88	84	84	90	86	90	85	83	87		88.7
	MIN	57	58	57	57	62	67	65	67	62	59	59	59	68	65	69	57	63	70	69	64	70	73	65	64	68	68	65	67	67	62		64.1
MAGNOLIA	MAX	82	85	88	92	92	91	95	93	90	89	92	96	98	98	96	98	98	97	98	97	96	97	98	97	97	97	92	97	89	92		93.9
	MIN	60	55	58	58	66	70	62	70	72	60	61	62	67	70	72	74	68	74	74	74	72	75	75	68	75	70	74	72	64	65		67.9
MAMMOTH SPRING	MAX	85	82	87	89	92	93	93	92	92	91	90	93	94	94	92	93	88	84	88	85	81	89	90	88	89	87	89	91	93	87		89.4
	MIN	47	48	46	47	52	50	52	56	57	53	54	59	56	55	53	56	54	53	55	59	71	72	69	65	67	72	67	64	64	57		57.7
MARIANNA	MAX	85	88	90	91	94	86	89	90	88	88	92	94	95	96	94	92	88	82	87	91	90	92	93	89	92	94	91	92	84	90		90.2
	MIN	54	52	55	56	64	63	65	69	65	60	60	63	67	72	66	70	65	66	67	66	74	73	74	70	73	72	72	73	67	66		66.0
MARKED TREE	MAX	85	85	91	93	92	95	89	93	94	85	92	95	94	94	96	93	85	85	78	73	80	91	91	92	89	92	95	92	92	87		89.6
	MIN	56	54	55	58	63	64	61	67	59	59	60	63	69	72	65	70	64	65	66	65	67	70	73	69	70	70	72	72	6	66		65.0
MARSHALL	MAX	80	85	87	85	90	89	90	91	80	85	90	90	92	89	87	85	80	78	75	75	87	84	81	80	87	80	87	84	80	86		84.6
	MIN	59	47	50	52	59	62	58	64	54	54	55	61	64	65	70	64	60	64												60		.
MENA	MAX	81	85	88	88	92	93	95	94	89	90	92	93	95	93	90	91	92	92	98	93	91	91	90	83	90	86	90	87	86	90		90.3
	MIN	62	53	54	55	68	71	66	70	71	57	59	60	69	65	70	68	65	76	74	69	74	74	70	65	70	73	68	69	64	63		66.4
MONTICELLO	MAX	85	87	90	91	93	90	95	96	90	91	94	95	98	96	96	97	94	91	97	95	94	95	96	96	97	97	93	96	84	90		93.3
	MIN	61	61	58	59	65	69	65	72	69	65	68	63	70	71	73	68	66	72	75	70	73	74	74	70	76	71	73	68	66	67		68.4
MORRILTON	MAX	84	84	88	93	93	94	96	95	94	87	90	94	97	100	98	95	95	83	92	94	93	93	92	94	88	96	95	89	95	88		92.3
	MIN	59	56	58	57	61	67	66	67	63	60	62	61	62	70	70	71	64	67	72	66	69	75	76	66	68	72	73	72	67	66		66.1
MOUNT IDA 1	MAX	84	86	87	88	92	95	97	95	89	90	92	95	98	97	99	92	94	96	97	96	92	93	92	88	90	90	88	87	86	90		91.8
	MIN	45	48	47	49	51	63	65	65	64	51	54	54	58	59	64	64	62	74	64	65	74	76	69	64	60	65	67	66	65	60		61.1
MOUNTAIN HOME	MAX	82	84	87	88	92	87	91	90	84	85	90	92	90	90	85	85	84	80	79	86	89	88	84	82	85	86	89	86	83	86		86.3
	MIN	53	50	50	53	61	63	66	61	52	55	56	59	67	67	67	63	60	63	64	64	75	74	69	64	66	66	67	71	68	61		62.5
NASHVILLE	MAX	83	85	87	87	90	93	94	92	90	90	88	90	94	95	95	94	93	96	96	96	94	95	96	96	89	90	94	90	90	85		91.6
	MIN	63	57	54	59	62	68	65	71	70	60	62	61	67	67	70	68	67	73	75	71	75	76	77	67	73	70	71	73	64	64		67.3
NEWPORT	MAX	86	92	92	91	94	93	96	95	87	90	93	94	95	93	91	84	87	81	74	92	93	94	93	90	91	94	86	94	88	91		90.5
	MIN	56	54	57	57	59	65	63	66	62	60	61	63	65	71	66	68	64	66	67	68	70	75	75	69	71	73	75	73	68	66		65.8
NIMROD OAM	MAX	84	85	88	90	91	93	96	94	95	95	91	94	97	100	95	93	92	94	94	96	92	91	92	90	86	96	91	90	90	84		92.0
	MIN	55	51	53	53	63	68	66	68	63	55	57	59	69	67	67	69	64	71	71	66	75	76	77	65	69	69	65	71	66	65		65.1
NORFORK OAM	MAX	84	84	89	90	91	94	90	95	92	86	88	92	93	92	94	88	77	87	82	79	89	90	90	86	82	86	87	91	90	83		88.0
	MIN	49	59	49	50	58	61	59	59	52	52	55	57	69	66	66	66	61	66	65	64	67	76	77	65	66	65	75	70	67	61		62.4
OKAY	MAX	85	85	88	90	93	92	91	91	91	88	91	94	100	96	95	95	96	96	95	95	95	95	95	95	95	92	91	90	91	92		92.6
	MIN	60	53	54	56	65	65	64	72	72	61	60	63	74	69	69	69	68	68	76	75	75	76	76	68	68	72	72	72	64	66		67.4
OZARK	MAX	84	85	88	90	92	93	96	90	92	90	91	90	95	97	93	91	90	91	94	93	91	91	92	82	81	91	88	93	82	88		90.1
	MIN	56	54	56	56	60	61	62	68	63	59	61	60	65	67	68	72	66	69	74	72	70	70	78	67	68	71	68	67	60	64		65.1
PARAGOULD	MAX	92	93	93	95	95	89		92	88	90	95	95		92	89	84	88	84	80	92	90	91	90	87	92	93	91	91	86	90		90.3
	MIN	50	53	54	64	64	62		60	55	55	58	62		68	62	69	63	64	65	64	74	73	71	70	69	70	71	68	68	64		63.9
PERRYVILLE	MAX	83	87	88	91	94	97	95	94	87	88	90	95	97	96	95	93	94	93	90	91	90	93	90	91	93	92	90	90	90	92		91.6
	MIN	52	50	51	52	60	68	64	67	60	57	55	57	66	69	66	64	64	70	68	66	63	74	68	65	70	69	65	62	63	63		62.9
PINE BLUFF	MAX	87	87	89	91	92	94	91	96	93	90	90	93	95	99	98	95	95	95	94	96	97	95	96	97	94	97	96	91	97	88		93.6
	MIN	61	57	60	62	67	71	67	72	68	63	63	65	70	75	74	75	68	71	75	74	75	77	77	70	72	74	77	74	66	68		69.6
PINE BLUFF 3N																																	
POCAHONTAS 1	MAX	85	91	92	91	94	89	89	91	85	89	94									80	88	90	90	90	85	89	91	87	90	84	88	88.8
	MIN	57	54	54	55	63	62	62	66	56	57	63									68	64	73	74	72	68	65	69	70	70	69	65	64.
PORTLAND	MAX	86	85	88	92	93	92	90	98	92	92	92	92	97	98	100	97	99	97	96	100	98	98	96	99	100	97	96	94	96	87		94.
	MIN	60	55	55	56	61	64	67	69	70	62	63	64	65	72	71	72	66	67	74	74	75	73	73	74	74	73	74	73	66	66		67.
PRESCOTT	MAX	86	88	85	90	91	93	91	84	92	89	90	92	95	97	96	96	94	96	96	97	96	96	96	97	93	94	99	93	93	86		92.
	MIN	61	59	57	59	66	71	65	59	59	61	62	63	69	68	73	73	66	71	77	72	73	75	75	67	68	70	73	74	64	65		67.
ROGERS	MAX	80	83	85	86	91	87	88	90	85	89	91	90	93	89	83	80	90	89	85	89	87	86	82	89	87	78	86	80	83	87		86.
	MIN	54	53	54	55	65	64	65	65	55	55	58	62	65	62	66	65	62	70	68	66	66	68	64	63	65	66	65	63	63	60		62.
RUSSELLVILLE	MAX	86	88	89	91	94	96	93	94	93	88	92	95	96	94	93	93	92	94	93	93	92	92	91	83	93	91	91	89	86	91		91.
	MIN	55	53	54	55	64	70	65	70	63	58	60	60	68	68	70	64	66	73	72	68	74	77	70	66	69	70	68	67	69	64		65.
SAINT CHARLES	MAX	86	84	88	90	90	92	89	93	88	86	86	91	93	95	93	93	80	90	87	90	92	91	91	87	90	94	82	88	80	92		89.
	MIN	58	54	57	59	67	63	65	72	67	61	66	65	69	71	67	72	65	67	69	67	75	68	72	70	72	72	76	62	68	65		66.
SEARCY	MAX	84	88	91	91	95	93	95	91	86	88	94	95	96	95	92	86	90	81	80	91	92	93	92	89	92	95	88	92	87	92		90.
	MIN	60	57	57	59	65	65	65	70	62	60	61	63	72	70	67	66	64	67	68	67	73	74	72	68	72	71	73	72	67	66		66.

See Reference Notes Following Station Index

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

ARKANSAS
JUNE 1948

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MEAN
SHERIOAN	MAX	82	80	89	89	91	92	92	90	88	88	91	93	97	95	95	93	93	92	93	93	93	94	95	89	93	94	90	93	87	90		91.1
	MIN	53	50	55	57	62	69	62	68	62	54	58	60	67	68	69	66	61	69	71	65	73	72	72	64	70	71	70	70	62	63		64.4
SILOAM SPRINGS	MAX	81	84	85	87	92	90	90	92	86	90	92	90	95	90	86	84	90	91	86	91	87	87	83	79	87	80	86	80	83	86		87.0
	MIN	52	50	53	55	69	66	65	69	53	54	56	62	65	63	65	63	66	76	69	68	66	70	64	64	66	66	68	63	64	61		63.0
STUTTGART	MAX	83	87	82	88	90	89	90	90	84	85	88	91	94	92	92	93	89	86	90	91	91	92	91	87	93	92	88	90	90	87		89.2
	MIN	59	61	63	62	67	66	68	66	64	65	67	71	73	70	73	65	67	70	68	75	76	75	70	71	68	72	75	67	66	66		68.2
STUTTGART 9ESE	MAX	84	83	87	88	89	91	88	91	91	84	87	90	91	93	94	92		88	86	87	90	91	90	92	89	93	93	88	91	83		89.1
	MIN	59	57	59	62	65	66	65	70	67	63	65	66	70	72	69	72		67	69	69	74	74	74	70	72	71	74	74	67	70		68.0
SUBIACO	MAX	81	82	88	88	96	89	88	90	89	86	90	93	92	91	91	91	98	93	89	94	90	93	88	81	87	89	90	87	83	87		89.1
	MIN	57	54	56	57	64	60	72	72	65	59	60	60	73	70	65	65	65	72	65	67	70	77	67	66	69	70	68	66	66	65		65.4
TEXARKANA WB AIRPORT	MAX	84	86	88	89	92	90	92	91	89	89	91	92	95	94	94	94	95	95	96	94	95	95	94	90	90	93	91	91	85	92		91.5
	MIN	63	59	60	61	68	64	66	73	72	64	65	67	71	72	74	74	70	76	75	76	75	77	70	70	75	74	74	67	67	68		69.6
TURNPIKE	MAX	75	77	81	80	82	85	89	86	80	81	85	85	87	86	77	83	81	80	85	80	83	80	78	74	82	79	81	77	76	82		81.2
	MIN	56	57	62	62	62	67	70	64	60	60	63	66	64	61	64	59	60	65	65	63			63	61	62	60	66		62	66		62.6
WALORON	MAX	83	86	89	90	95	95	94	95	91	90	93	95	99	95	92	92	94	95	95	92	92	92	90	83	92	89	92	89	86	92		91.6
	MIN	53	49	50	52	63	68	62	66	65	59	56	57	65	66	67	68	65	78	70	68	70	77	69	65	69	71	70	71	65	61		64.5
WARREN	MAX	86	87	89	91	93	89	95	93	90	90	92	96	97	98	95	96	95	94	96	98	97	97	97	97	97							93.8
	MIN	66	67	58	61	73	70	67	69	67	64	63	68	71	73	75	73	73	74	73	72	71	77	72	73	71							69.6
WHITE ROCK	MAX	77	72	81	83	87	88	86	89	84	85	87	86	91	86	83	83	84	85	85	82	81	81	80	72	82	79	81	75	80	86		82.7
	MIN	70	62	63	64	69	69	69	70	63	63	65	66	68	61	66	62	63	67	67	65	62	69	63	61	67	66	67	62	63	63		65.2
WILSON	MAX	84	90	93	95	98	90	93	95	87	90	94	95	95	97	93	84	87	79	91	88	90	91	92	88	92							90.8
	MIN	54	56	57	61	68	65	64	70	59	63	63	67	66	72	66	71	67	66	66	68	74	74	75	70	78							66.4
WYNNE	MAX	84	89	91	90	92	90	91	92	84	88	91	91	94	94	93	87	87	86	79	92	90	91	90	88	88	93	89	90	85	89		89.3
	MIN	59	54	58	59	66	64	64	68	61	62	61	65	71	73	67	67	67	65	68	69	75	74	74	72	69	73	74	71	66	67		66.8

See Reference Notes Following Station Index

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	DEPARTURE FROM NORMAL
BETHESDA	EVAP	.270	.320	.204	.264	.332	.304	.356	.130	.301	.297	.268	.290	.394	.180	.236	.174	.126	.322	-	.154	.230	.140	.354	.386	.286	.462	-	.346	.626	.056		8.366	
	WIND	43	64	18	23	43	68	23	44	39	17	33	6	66	7	49	18	25	44	61	37	88	77	77	52	25	29	31	55	39	38		1239	
HOPE	EVAP	.265	.319	.249	.243	.269	.250	.237	.322	.093	.279	.220	.260	•	.408	.316	.253	.254	.282	.293	*	.642	.288	.300	.307	.179	.301	.264	.167	.197	.164		7.621	
	WIND	44	49	21	14	26	40	34	38	19	37	•	41	•	34	26	20	30	33	41	•	81	60	65	50	33	27	30	30	42	33		998	
NIMROD DAM	EVAP	.175	.290	.238	.270	.281	.202	.428	.288	.258	.283	.274	.285	.300	.345	.270	.198	.214	.244	.286	.120	.328	.304	.286	.076	.170	.215	.219	.202	.198	.222		7.469	
	WIND	8	22	18	29	33	40	30	40	35	26	17	32	10	26	23	14	16	19	37	15	42	52	79	35	8	24	30	35	24	21		840	
NORFORK DAM	EVAP	.318	.304	.270	.258	.340	.378	.289	.280	.279	.292	.288	.191	.303	.424	.271	.165	.098	-	-	-	.258	.354	.263	.140	.109	.020	.234	.424	.196	.095		7.601	
	WIND	26	32	23	17	33	48	24	21	19	17	9	39	30	19	35	27	20	59	58	32	15	119	78	55	21	28	28	43	6	60		1041	
STUTTGART 9 MI. ESE.	EVAP	.273	.270	.223	.181	.259	.288	.167	.221	.139	.250	.208	.216	.230	.160	.224	.162	-	-	-	.172	.224	.326	.197	.346	.159	.246	.215	.153	.256	.197		6.624	
	WIND	30	50	5	5	40	100	80	45	30	15	15	5	30	20	10	40	•	80	30	40	40	80	100	75	15	10	65	70	75	50		1250	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	HIGHEST (OR CREST)	DATE	LOWEST	DATE
BUFFALO																																				
GILBERT	30	4.0	4.0	3.9	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.6	4.5	4.2	4.7	4.0	3.9	3.9	3.8	4.1	3.9	4.2	4.4	4.3	4.2		4.7	20	3.4	16
BLACK																																				
BLACK ROCK	14	4.3	4.1	3.8	3.6	3.5	3.4	3.4	3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.6	3.0	12.7	16.0	13.2	11.2	9.3	8.0	6.9	8.7	7.5	10.4	10.4	10.9		16.0	20	2.5	15
WHITE																																				
COTTER	21	2.2	3.0	3.1	2.9	3.0	3.0	2.1	1.8	1.5	2.0	1.8	1.8	1.8	1.7	1.3	1.1	1.6	3.5	7.3	19.6	12.5	9.0	6.8	6.1	5.1	5.3	7.7	10.4	8.2	7.3		20.2	20	1.1	
CALICO ROCK	19	2.6	2.4	2.6	2.5	2.3	2.4	1.9	2.1	2.0	1.8	2.0	2.1	2.2	1.7	1.9	1.6	1.6	2.4	5.9	17.6	14.5	9.3	5.6	5.0	5.0	5.0	5.6	7.5	9.2	8.2		17.6	20	1.6	
BATESVILLE L & D 1	23	7.4	7.2	6.9	7.1	7.0	7.1	7.0	6.6	6.7	6.5	6.5	6.8	6.6	6.4	6.1	6.5	6.4	6.6	8.8	22.9	24.2	18.7	14.7	12.8	11.6	12.5	11.5	12.9	16.0	15.8		24.2	21	6.1	
NEWPORT	26	4.9	4.6	4.2	3.9	3.8	3.7	3.7	3.2	3.1	2.9	2.7	2.5	2.6	2.2	2.2	2.1	2.4	2.4	4.7	15.0	21.7	23.3	22.2	20.4	18.7	16.8	15.7	15.6	16.4	18.2		23.3	22	2.1	
GEORGETOWN	21	8.2	7.5	6.8	6.3	5.9	5.7	5.5	5.5	5.3	5.1	4.5	4.3	4.0	3.9	3.9	3.7	3.5	3.5	4.2	6.0	13.1	16.3	17.2	17.9	18.7	19.3	19.6	19.6	19.6	19.6		19.6	27	3.5	
CLARENDON	26	16.3	15.9	15.4	14.8	14.3	13.8	13.4	13.2	12.9	12.3	12.4	12.1	11.8	11.6	11.3	11.1	11.1	11.5	12.0	12.2	13.3	16.3	18.7	20.0	21.0	21.8	22.5	23.1	23.7	24.2		24.2	30	11.1	
PETIT JEAN																																				
DANVILLE	20	4.5	3.2	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.9	3.8	3.0	2.8	2.8	2.8	2.8		4.5	1	2.7	
ARKANSAS																																				
VAN BUREN	22	6.9	7.1	7.9	8.0	7.0	6.5	6.0	5.8	5.8	5.3	5.4	5.4	5.2	5.0	5.0	5.0	4.4	4.8	5.0	5.3	6.3	6.1	12.8	21.7	28.8	30.6	30.0	29.1	28.8	28.5		30.6	26	4.4	
OZARK	22	2.8	2.4	3.1	3.5	3.4	3.2	2.2	2.0	1.6	1.2	1.0	1.0	1.0	0.8	0.0	-.4	-.4	-.4	-.4	-.1	1.2	2.0	1.9	12.4	21.4	24.7	25.2	24.2	23.8	23.8		25.2	27	-.4	
DARDANELLE	22	4.6	4.0	3.7	4.3	4.7	4.5	3.8	3.3	3.1	2.8	2.4	2.3	2.3	2.3	2.1	2.0	2.3	2.2	1.8	2.0	2.4	2.6	3.2	6.9	20.3	25.3	27.0	27.1	26.7	26.3		27.1	28	1.8	
MORRILTON	20	10.6	9.8	9.2	8.8	9.2	9.7	9.5	8.8	8.3	8.1	7.8	7.4	7.2	7.4	7.2	7.0	6.8	7.2	7.0	6.8	6.8	7.4	7.4	8.3	21.0	28.2	30.7	31.2	31.2	30.8		31.2	28	6.8	
LITTLE ROCK WB AP	23	3.5	2.9	2.5	2.1	2.2	2.5	2.6	2.2	1.8	1.6	1.3	1.1	0.9	0.9	0.8	0.7	0.9	0.9	0.8	0.8	0.7	1.0	1.0	1.0	3.5	15.4	19.3	20.5	20.7	20.5		20.7	29	0.7	
PINE BLUFF	25	6.6	5.5	4.8	4.2	3.7	3.7	4.3	4.4	4.0	3.5	3.2	2.8	2.5	2.2	2.1	2.0	1.9	2.0	2.0	2.0	1.9	1.8	2.1	2.2	2.7	14.0	19.1	20.9	21.6	21.9		21.9	30	1.8	
CADDO																																				
GLENWOOD	10	5.6	5.6	5.6	5.6	3.5	4.3	4.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8		5.6	1	3.5	
SALINE																																				
BENTON	20	4.6	4.4	4.3	4.3	4.2	4.1	4.1	4.0	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.7	4.3	3.9	3.8	7.0	6.3	5.7	5.2	4.8	4.5	5.5	5.2	4.8	4.7	4.6		7.0	20	3.7	
LITTLE MISSOURI																																				
BOUGHTON	20	4.9	4.8	4.7	4.6	4.5	4.4	4.4	5.2	5.9	4.7	4.4	4.2	4.2	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	4.0	4.0		5.9	9	*3.8	
OUACHITA																																				
ARKADELPHIA	17	4.2	4.2	3.4	3.3	3.4	3.4	3.4	4.1	4.9	4.9	3.8	4.9	3.5	3.4	4.5	5.4	5.4	5.2	3.9	3.4	3.3	3.5	3.4	4.3	3.4	3.9	3.4	3.3	3.4	3.3		5.4	16	3.3	
CAMDEN	26	6.8	7.0	6.8	6.2	5.9	5.6	5.4	5.6	5.6	6.7	6.8	6.4	5.1	5.3	4.6	4.4	4.3	5.8	5.2	5.0	4.9	4.4	4.2	4.3	4.4	4.6	4.3	4.6	4.3	4.1		7.0	2	4.1	
LITTLE																																				
WHITECLIFFS	25	7.0	6.0	5.0	4.0	3.9	3.8	3.7	3.6	3.4	3.2	3.0	3.0	3.0	3.0	2.8	2.0	1.9	1.7	1.6	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.4		7.0	1	1.0	
RED																																				
INDEX	25	13.5	13.1	12.4	11.4	10.6	11.2	12.4	11.6	11.6	11.4	11.0	11.0	10.5	10.0	8.4	8.2	8.2	8.0	7.8	7.8	7.6	7.6	7.8	7.8	7.8							13.5	1		
FULTON	25	15.1	14.3	13.7	12.7	12.4	13.4	13.5	12.5	12.2	12.1	11.7	10.7	10.0	9.4	8.9	8.4	8.2	8.0	7.5	7.4	7.4	7.5	7.5	7.5	7.4	6.8	7.0	9.0	10.8	11.6		15.1	1	6.8	
ST. FRANCIS																																				
ST. FRANCIS	18	4.5	3.9	3.5	6.4	8.7	7.7	6.0	4.6	3.7	3.2	3.0	2.9	3.8	6.2	7.3	7.0	5.6	5.0	4.6	4.1	3.5	3.2	4.5	7.8	8.7	8.2	7.2	5.9	4.8	7.5		8.7	25	2.9	
ST. FRANCIS LAKE	30	20.3	20.3	20.3	20.3	20.0	19.8	19.4	19.4	19.1	18.9	18.7	18.6	18.5	18.4	18.2	18.0	18.6	18.4	18.4	18.6	18.8	19.0	19.0	19.3	19.7	19.8	19,5	19.4	19.5	19.5		20.3	1	18.0	
MARKED TREE	17	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.3	6.2	6.0	6.0	6.0	4.5	6.1	6.5	6.7	7.0	7.0	7.0	6.8	4.0	4.0	6.0	6.6	5.5	5.5		7.0	21	4.0	
PARKIN	28	7.7	7.7	7.7	7.7	7.7	7.6	7.5	7.3	7.0	6.8	6.6	6.5	6.3	6.2	6.1	6.1	6.1	5.6	7.4	8.1	8.3	8.3	8.0	7.7	7.2	6.4	6.8	6.8	6.8	6.6		8.3	21	5.6	
MADISON	32	6.6	6.7	6.6	6.9	7.1	6.9	6.8	6.4	6.1	5.6	5.2	4.9	4.7	4.5	4.4	4.4	4.3	4.3	5.0	6.4	5.5	6.4	6.0	5.8	5.6	5.3	5.1	5.1	5.5	5.7		7.1	5	4.3	
MISSISSIPPI																																				
HELENA	44	17.2	15.8	14.3	13.2	12.4	11.9	11.6	11.4	11.2	10.8	10.2	10.1	10.0	10.6	11.0	10.9	10.8	10.9	11.3	11.9	12.1	11.9	11.8	12.3	13.1	14.0	15.1	16.9	19.1	20.8		20.8	30	10.0	
ARKANSAS CITY	42	17.5	16.6	15.5	14.2	13.2	12.5	11.9	11.6	11.4	11.1	10.6	10.2	9.9	9.8	10.0	10.1	10.2	10.2	10.2	10.5	10.9	11.0	11.0	11.0	11.4	12.0	15.0	18.4	21.0	22.7		23.3	30	9.8	

The following reference notes apply only to Table 7 - Daily River Stages:

Readings are made at approximately 7 a.m. (Local time). They are provisional and subject to corrections. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a	Obstructed by rough ice.
b	Frozen but open at gage.
c	Upper surface of smooth ice.
d	Ice gorge above gage.
e	Ice gorge below gage.
f	Shore ice.
g	Floating ice.
h	Pool stage.
i	Dry at gage.
j	Interpolated.

ARKANSAS
JUNE 1948

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° '	LONG. ° '	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	2 3
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	2 3 4
ALPINE	0118	CLARK	OUACHITA	34 14	93 17	-	C		8A		2		JEWELL R. HOLCOMB	2 3
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY	0136	YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	2 3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	2 3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EDWARDS	2 3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	2 3 4
ARKADELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	DESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	2 3 7
ASHDOWN	0286	LITTLE RIVER	RED	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARD	RED	34 19	93 58	960	C		7A		0		ARRA O. PARKER	2 3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MID		3		MISS EFFIE PERRY	2 3 4
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		DAVID G. GRIFFITHS	2 3 4 7
BATESVILLE AIRWAY	0456	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MID	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & D 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDDLESTON	2 3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		S C S	2 3 4
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. ADAMSON	2 3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	2 3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MID		5		JR. AG. COLLEGE	2 3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMOND	2 3
BEEDEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIDGE	2 3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MID		5		LUCILLE R. MC WETHY	2 3 4
BETHESDA	0644	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	S C S	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	2 3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	2 3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. DOUGLAS	2 3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	2 3 7
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MID		8		U. S. ENGINEERS	2 3 4
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BOONEVILLE	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		F. H. RANDOLPH	2 3 4 5
BOONEVILLE 2 MI. S.	0830	LOGAN	ARKANSAS	35 07	93 56	511	C		6A		7		CLEO E. YANDELL	2 3 7
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MID		3		THOMAS M. PEARSON	2 3 4
BOUGHTON	0848	NEVADA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	2 3 7
BRADFORD	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HICKMON	2 3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS DAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MID		1		U. S. ENGINEERS	2 3 4
BURDETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 57	240	C		6P		4		G. A. HALE	2 3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P				B. M. WALTHER	2 3
CALICO ROCK	1132	IZARD	WHITE	36 08	92 08	380	C		7A		43		WILLIAM JONES	2 3 7
CAMDEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		JOHN M. KNIGHT	2 3 5 7
CAMDEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MID				EDITH Z. LEHMAN	2 3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONEY DELL HORTON	2 3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	2 3
CARPENTER DAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MID		8		ARK. P. & L. CO.	2 3 4
CLARENDON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	2 3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MID		8		THOMAS L. SMITH	2 3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		EARL B. RIDDICK	2 3
COLD SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	2 3
COMBS	1574	MADISON	WHITE	35 50	93 50	1400	C		MID		8		ROSA J. COMBS	2 3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5		WILLIAM L. BINAM	2 3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPADDEN	2 3 7
COVE	1666	POLK	RED	34 26	94 25	1050	C		7A				WILLIAM M. RAYMOND	2 3
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIRDA BYRD	2 3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	2 3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
DAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		ROBERT T. TEDDER	2 3 4
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C	7A	7A		32		J. A. MOODY	2 3 7
DARDANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		GEORGE N. GOODIER	2 3 5 7
DE QUEEN	1948	SEVIER	RED	34 02	94 21	426	C	6P	6P	14	14		L. O. MC COWN	2 3 5
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MID		6		CLARENCE E. COLLINS	2 3 4
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	2 3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5 7
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRADLEY	2 3 5
DUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JOHNSON	2 3 5
DUMAS 2	2150	DESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5		BETTY R. HOLMES	2 3 4
DURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8		ANNIE A. WHITE	2 3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	2 3
EL DORADO	2300	UNION	OUACHITA	33 13	92 48	278	C	7A	7A	47	47		AYLMER H. MC BRIDE	2 3 5
ELKINS	2315	WASHINGTON	WHITE			1364	C	6	6	0	0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOALOS	2 3 5
EVENING SHADE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	2 3 7
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORD	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FORDYCE	2540	DALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2544	LITTLE RIVER	RED	33 43	94 24	400	C		MID		8		LESLIE P. CALLONS	2 3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7P		7		MARY A. MATTHEWS	2 3
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MID		8		THOMAS A. MOORE	2 3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MID	MID	66	66		U. S. WEATHER BUREAU	2 3 4 5 7
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 59	94 09	793	C		7A		10		R. J. SCHOEPPE	2 3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. DENSON	2 3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A		62		INA J. LOGAN	2 3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. D. DENNEY	2 3 7
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	2 3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	650	C	7A	7A	22	22		D. D. DENNIS	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	2 3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	2 3 7
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBED B. WILSON	2 3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. D. CANTRELL	2 3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	2 3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBS	2 3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A				BILL S. WATSON	2 3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	2 3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN O. MAY	2 3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MID		6		WAYNE STARK	2 3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	2 3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 33	90 38	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	2 3
HILLEMAN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULDIN	2 3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY		34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	2 3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIDAY	2 3 7
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MADISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKELY	2 3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A				U. S. ENGINEERS	2 3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	2 3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	2 3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A				MRS. LETTIE O. DAVIS	2 3
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C	7P	7P				R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		5		CLAUDIE W. HUNTER	2 3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	2 3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MID		3		CECIL E. MABERRY	2 3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. JONES	2 3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSEY	2 3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	2 3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	265	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID				L. R. WATER WORKS	2 3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A				ED ANSEL	2 3 7
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A				CATH. T. RUSSELL	2 3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	2 3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	2 3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHARDT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	2 3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52		JODIE W. MC MULLEN	2 3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		CHARLES WALTON	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. O. LOWRIE	2 3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NADINE F. DAVENPORT	2 3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	2 3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	DREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	2 3 4
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		U. S. ENGINEERS	2 3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA RIVER	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MID		4		JOHN WALLBRITTON	2 3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 08	768	C		7A		8		W. O. WORTHINGTON	2 3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	2 3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	2 3 7
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		ERNEST J. BABBITT	2 3 4
NASHVILLE	5112	HOWARD	RED	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		S C S	2 3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	2 3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		U. S. ENGINEERS	2 3 4 5
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		U. S. ENGINEERS	2 3 4 5
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	2 3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		20		U. S. FOREST SERVICE	2 3
OKAY	5376	HOWARD	RED	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	2 3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	2 3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULD	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KORS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	2 3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5 7
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF AP 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215	C	MID	MID				AIRWAY OBSERVER	2 3 4
PINE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	2 3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

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							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	5908	NEVAOA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
PRESCOTT S C S	5910	NEVAOA	OUACHITA	33 48	93 23	-	C		MIO		7		W. L. MC LEAN	2 3 4
PYATT	5970	MARION	WHITE	36 16	92 51	800	C		MIO		6		ONA V. MC LEAN	2 3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35 18	93 53	463	C		7A		3		LULA MAE WEEKS	2 3
RAVANA	6016	MILLER	REO	33 04	94 02	250	C		MIO		8		ARNICE O. TAYLO	2 3 4
REO STAR	6078	MAOISON	WHITE	35 51	93 31	2250	C		7A		5		ORVAL F. CALLOWAY	2 3
REMMEL OAM	6102	HOT SPRING	OUACHITA	34 26	92 54	-	C		MIO		8		ARK. P. & L. CO.	2 3 4
RISON	6174	CLEVELANO	OUACHITA	33 48	92 11	231	C		8A		32		J. H. YANEY	2 3
ROCKHOUSE	6214	MAOISON	WHITE	36 17	93 40	1214	C		7A		2		CLAUOE O. SISCO	2 3
ROGERS	6248	BENTON	WHITE	36 18	94 02	1387	C	6P	6P	57	57		HOWARO FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5
SAINT CHARLES	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5 7
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36 27	90 08	300	C		7A		20		WILLIAM S. BUCKLEY	2 3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS				C		7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR O. SMITH	2 3 5
SHERIOAN	6566	GRANT	OUACHITA	34 27	92 21	290	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35 38	92 17	600	C		6P		8		MAUO H. BRAOFORO	2 3
SILOAM SPRINGS	6624	BENTON	WHITE	36 11	94 33	1150	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36 05	91 18	450	C		MIO		2		NORA F. RUOY	2 3 4
STAR CITY	6820	LINCOLN	OUACHITA	33 57	91 50	250	C		2P		5		R. A. GOYEN	2 3
STEVE	6856	YELL	ARKANSAS	34 53	93 19	682	C		7A		4		T. P. SIMS	2 3
STORY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C		7A		23		S. C. STORY	2 3
STUTTGART	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	60	60		GEORGE L. CLARK	2 3 5
STUTTGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35 04	93 48	500	C		9A		8		O. R. FENNELL	2 3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35 29	91 58	300	C		7A		3		SANTFREO REYNOLOS	2 3 7
TAYLOR	7038	COLUMBIA	REO	33 06	93 27	247	C		6P		5		YANCY M. NORWOOO	2 3
TEXARKANA WB AIRPORT	7048	MILLER	REO	33 27	94 00	368	C	MIO	MIO	63	63		U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33 38	92 21	170	C		7A		5		HENRY S. SPEER	2 3
TURNPIKE	7262	POPE	ARKANSAS	35 40	93 05	2087	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORO	ARKANSAS			-	C						BEN CORNELUS	7
VICK	7420	BRAOLEY	OUACHITA	33 19	92 09	115	C		6P		6		WILLARO K. SHARP	2 3
VIOLA	7450	FULTON	WHITE	36 24	91 59	692	C		7A		7		A. F. KING	2 3
WALORON	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM O. BIVENS	2 3 4 5
WALNUT GROVE	7524	INOEPENOENCE	WHITE	35 51	91 21	250	C		6P		7		A. H. FAST	2 3
WARREN	7582	BRAOLEY	OUACHITA	33 36	92 04	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150	C		MIO		3		HARRY E. BIRKINSHA	2 3 4
WEST FORK	7694	WASHINGTON	WHITE	35 55	94 11	1340	C		MIO		8		MRS. N. C. THRELKELO	2 3 4
WHEELING	7744	FULTON	WHITE	36 19	91 52	680	C		MIO		8		THOMAS W. CONE	2 3 4
WHITE CLIFFS	7812	LITTLE RIVER	REO	33 48	94 05		C		7A				L. M. SNEAO	2 3 7
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	11	11		U. S. FOREST SERVICE	2 3 5
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		O. O. ANOERSON	2 3 5
WINFREY	7936	CRAWFORO	ARKANSAS	35 44	94 06	1152	C		MIO		8		CLYOE F. MEAOORS	2 3 4
WING	7950	YELL	ARKANSAS	34 57	93 28	350	C		MIO		5		MILES B. TURNER	2 3 4
WYNNE	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
YELLVILLE	8084	MARION	WHITE	36 13	92 41	900	C		7A		3		L. E. JOHNSON	2 3 7
NATHAN	5158	HOWARO	OUACHITA	34 07	93 52	550	C		7A		0		EONA J. WESTFALL	2 3
PARTHENON	5602	NEWTON	ARKANSAS	35 57	93 15	925	C		MIO		8		ARTHUR B. CARLTON	2 3 4

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- \- No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- 6X Precipitation measured at 6-hourly intervals, no recording gage. Daily totals for the 24 hours ending at 12:30 A.M., CST of the following day.
- M One or more days of record missing; see Table 5 for detailed daily record.
- AR This entry in time of observation column in Station Index means after rain.
- K Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi-West Gulf. Amounts in this table are from recording gages. Traces are not shown.

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CLIMATOLOGICAL DATA

NOV 4 - 1948

ARKANSAS

JULY 1948

Volume LIII No. 7

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ARKANSAS JULY 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

Almost daily thundershowers were general during the first 15 days of the month, and were caused by the movement of minor Cold Fronts, or squall lines associated with Cold Fronts passing over Arkansas. These thundershowers totaled up to the heaviest July average rainfall since 1941; also averaged the most days of July rainfall since 1941.

Arkansas was on the back side of numerous HIGHS for most of the month, which fed relatively moist air from the south into this section, to account for both the above-average rainfall and the normal temperatures of the month. No LOWS passed directly over the state during the month.

All crops, including both field and truck, flourished during the month as a result of the favorable moisture and heat conditions. A small portion of the state did report a deficiency in rainfall, with some slight crop damage. This was confined to a narrow band, extending from Texarkana to Hardy in the north.

Literally hundreds of thunderstorms were reported during the month, but luckily, most were comparatively mild. Twenty-seven reports of high winds were received, but damage was minor in all cases except at Newport. Newport reported damage from the thunderstorm of the 17th totaling $10,000. Most of this damage was uprooted trees and partially destroyed roofs.

Reports of excessive precipitation came from Pine Bluff on the 18th and Stuttgart on the 26th, causing some monetary damage. Pine Bluff reported 2.47 inches of rain in slightly less than an hour. The storm sewers were unable to carry off this unusual flow, resulting in flooded streets, and also two bakeries were flooded, causing damages amounting to about $3,000.

Stuttgart reported a condition similar to that of Pine Bluff, with 2.02 inches of rain falling in a 35-minute period during the evening of the 26th. Streets were flooded to a depth of 20 inches, with merchants reporting damage of more than $5,000 to stocks inundated.

There were no floods on the rivers during the month. There were no reports of damaging hail, although hail was reported eight different times.

TEMPERATURES

The July, 1948 average temperature was 80.5 degrees, or exactly the same as the 58-year average. The highest temperature reported during the month was 105° at Magnolia on the 25th, and the lowest, 51° at Bethesda on the 2nd. Practically all stations in the state reported high temperatures above 95° during the month. The warmest station in the state was El Dorado, with an average temperature for the month of 84.9 degrees; they also reported a high for the month of 104°. Devils Knob reported the lowest monthly average, with 75.4 degrees. Numerous counties in the south part of the state reported that the temperatures were 90° or higher for a total of 30 or more days during the month.

PRECIPITATION

The mean precipitation for July, 1948 was 4.11 inches, 0.44 inch above the 58-year average. The month's totals ranged from 0.84 inch at Walnut Grove to 9.09 inches at Pine Bluff. The greatest 24-hour amount reported was 4.81 inches on the 27th at Cummins Farm, in Lincoln County. Runner-up was 4.10 inches on the 12th at Grannis, in Polk County.

Although the state average was above normal, about one-fourth of the counties in the state were below normal for July, and these counties were in a narrow band, extending from Texarkana to Hardy. The wettest portions of the state were the northeast counties, extending down to Scott and Yell Counties, and a section extending from Jefferson, Lincoln, Desha Counties along the Mississippi to Mississippi County. The counties along the southern border averaged about half of the normal precipitation. Precipitation, .01 or more, averaged nine days for the state, as against a 58-year average of seven. Hail was reported by eight stations.

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	76.5	103	50	7.24	0	10
1892	79.0	104	52	3.58	0	10
1893	80.9	103	59	2.94	0	6
1894	78.4	108	51	3.98	0	16
1895	78.9	104	55	7.34	0	2
1896	83.4	110	52	1.61	0	4
1897	82.4	109	50	3.25	0	5
1898	79.9	105	50	4.25	0	8
1899	79.0	100	52	5.14	0	8
1900	79.7	102	51	4.46	0	9
1901	83.7	116	50	2.49	0	6
1902	79.4	105	50	4.49	0	6
1903	79.6	105	53	3.86	0	9
1904	77.9	104	49	4.43	0	10
1905	76.7	106	51	7.60	0	13
1906	76.7	99	48	5.96	0	10
1907	81.4	108	53	1.96	0	4
1908	79.2	103	48	3.00	0	8
1909	81.9	106	50	2.51	0	5
1910	79.4	105	41	5.46	0	10
1911	78.4	106	43	4.83	0	11
1912	81.3	104	56	2.82	0	6
1913	81.5	104	55	4.31	0	8
1914	82.6	107	54	2.69	0	7
1915	77.1	107	43	2.40	0	5
1916	82.8	106	55	2.09	0	6
1917	79.6	106	50	5.10	0	8
1918	79.6	111	49	1.53	0	4
1919	81.2	104	54	1.91	0	5
1920	79.8	105	52	4.22	0	7

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1921	82.0	107	54	2.42	0	6
1922	80.2	106	48	4.12	0	7
1923	79.9	105	48	3.53	0	6
1924	79.0	110	40	2.35	0	5
1925	81.8	109	47	4.99	0	10
1926	79.8	109	42	3.55	0	8
1927	79.6	104	49	4.25	0	6
1928	80.3	102	52	3.66	0	8
1929	81.2	105	51	3.07	0	7
1930	84.7	115	42	0.74	0	2
1931	81.0	106	48	6.00	0	11
1932	82.5	108	50	5.00	0	9
1933	81.4	109	55	5.01	0	9
1934	85.5	112	57	1.66	0	4
1935	82.2	107	53	2.32	0	5
1936	83.3	114	42	4.90	0	6
1937	80.4	106	52	3.71	0	7
1938	82.0	109	59	3.74	0	7
1939	82.0	110	55	3.34	0	7
1940	78.4	103	48	4.14	0	8
1941	81.2	105	53	4.82	0	9
1942	81.1	105	53	1.39	0	3
1943	82.9	110	47	1.13	0	4
1944	81.2	108	49	2.61	0	4
1945	78.1	106	45	3.94	0	6
1946	80.8	106	51	3.94	0	7
1947	78.3	109	41	1.25	0	3
1948	80.5	105	51	4.11	0	9
PERIOD	80.5	116	40	3.67	0	7

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN-SHINE	
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	DEGREE DAYS 65° BASE
FORT SMITH WB AP	30.18	2	29.72	21	6.3	33	E	7	87	89	59	59	72	0
LITTLE ROCK WB AP	30.23	1	29.77	22	6.7	31	NW	13	85	87	60	66	63	0
TEXARKANA WB AP	30.19	2	29.79	22	-	42	WNW	31	79	87	55	57	-	0

TABLE 2
CLIMATOLOGICAL DATA

ARKANSAS
JULY 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ABBOTT									5.02		1.43	23	.0			9	5	2
ALPINE									5.57		1.45	7	.0			10	6	2
ALUM FORK	80.4	+ 0.2	97	25	60	2	24	0	5.20	+ 2.00	1.10	5	.0			13	6	1
ALY									8.35		2.18	10				16	9	2
APLIN									4.28		.94	19	.0			12	7	0
APPLETON									3.79		2.15	13				7	2	1
ARKADELPHIA	83.1	+ 1.9	102	26	60	2	30	0	3.42	- 0.29	1.70	28	.0			9	4	1
ARKANSAS CITY									5.64	+ 2.03	1.28	17	.0			11	7	3
ASHDOWN	81.3		100	21+	56	1	27	0	2.77		1.12	27	.0			9	4	1
ATHENS									4.93		1.46	7	.0			9	4	2
AUGUSTA									2.88		1.58	13				6	3	1
BATESVILLE AIRWAY	79.5	- 0.7	96	7	54	1	19	0	2.73		1.55	7	.0			9	3	1
BATESVILLE LIVESTCK	78.1M		97	8	52	1+		0	2.34		.77	8	.0			9		0
BATESVILLE L D 1									2.61	- 0.87	1.02	8	.0			9	4	1
BEATY LAKE									5.65		2.72	13	.0			7	5	2
BEAVER									7.24		1.54	4	.0			15	9	2
BEE BRANCH	79.2	- 2.0	96	7	56	1	21	0	1.20	- 2.07	.38	12	.0			6	2	0
BEECH GROVE									3.00		.87	13	.0			7	5	0
BEEDEVILLE									3.80		1.48	23	.0			7	4	2
BENTON	80.8	+ 0.1	98	26	62	6	30	0	2.94		.96	19	.0			8	4	0
BENTONVILLE	77.0	- 1.4	97	8	57	1+	14	0	6.86	+ 3.57	1.76	26	.0			11	5	4
BERRYVILLE									5.57		1.40	26				8	7	2
BETHESDA	76.8		95	8	51	2	17	0	2.62		.70	8	.0			6	5	0
BIG FLAT									3.40		1.20	23	.0			10	2	2
BIG FORK									2.20		.80	18	.0			6	4	0
BIG LAKE OUTLET									4.12	+ 0.95	1.43	18	.0			9	5	2
BLACK ROCK									1.99	- 1.53	1.10	13	.0			4	3	1
BLUE MOUNTAIN DAM									5.65		1.52	15				14	6	2
BLYTHEVILLE	81.7	+ 0.2	98	8+	60	2	27	0	4.54	+ 1.35	2.00	20	.0			6	5	2
BOONEVILLE	81.1	- 1.7	99	22	57	2	25	0	4.57	+ 1.48	1.13	23	.0			14	5	1
BOONEVILLE 2S									5.69		1.48	23	.0			14	9	2
BOTKINBURG									3.37		1.70	11				8	4	1
BOUGHTON									3.08		1.24	14	.0			7	4	1
BRADFORD									1.99		1.20	23	.0			4	3	1
BRINKLEY	81.5	+ 0.5	97	7+	57	2	27	0	3.88	- 0.40	1.14	14	.0			9	5	1
BURDETTE									3.36		1.00	23	.0			5	4	1
CABOT									4.07		1.58	13	.0			8	5	1
CALICO ROCK									2.00	- 1.48	.50	13	.0			12	3	0
CAMDEN 1	83.6	+ 2.1	101	18	59	2	29	0	3.98	- 0.08	1.46	15	.0			6	4	2
CAMDEN 2									3.77		1.50	14				6	3	2
CAMP CHAFFEE	81.4M												.0					
CARLISLE									4.50		1.00	19	.0			6	5	1
CLARENDON									3.90	+ 0.51	1.22	27	.0			11	7	1
CLARKSVILLE									1.78		.50	13				8	2	0
CLINTON									5.19		1.80	18	.0			10	5	2
COLD SPRINGS									6.05		2.20	15	.0			11	8	2
COMBS									4.78		1.85	27				6	5	1
CONWAY	80.4	- 1.8	98	30	57	2	27	0	1.57	- 1.93	.40	23	.0			14	2	0
CORNING	80.4	+ 0.3	97	18	57	2	23	0	3.35	- 0.23	2.67	18	.0			5	2	1
COTTER									5.85	+ 3.05	1.63	18	.0			11	7	2
COVE									8.70		2.68	18	.0			10	6	3
CROSSETT	83.4	+ 1.8	102	25+	62	2	30	0	3.53	- 1.09	1.44	27	.0			8	3	1
CRYSTAL VALLEY									3.13		1.03	7	.0			7	4	1
CUMMINS FARM	81.3		98	7+	60	2	27	0	8.71		4.81	27	.0			7	5	2
DAISY									5.25		1.74	14				9	5	2

See Reference Notes Following Station Index

ARKANSAS

JULY 1948

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
DANVILLE									5.15	+ 1.99	1.40	23	.0			16	6	1
DARDANELLE	80.5	- 1.8	97	10+	60	2+	21	0	4.92	+ 1.54	1.84	6	.0			10	6	1
DE QUEEN	81.2	+ 0.1	97	25+	62	2	21	0	2.39	- 1.60	1.15	5	.0			7	3	1
DENVER									3.93		1.10	26				11	7	1
DERMOTT									3.51		1.40	26	.0			6	5	1
DES ARC	81.4		98	4	60	2	26	0	3.93		1.13	13	.0			8	5	1
DEVILS KNOB	75.4		97	21	57	23	9	0	5.01		2.31	11	.0			7	6	1
DUMAS 1	82.1	- 0.3	101	15	59	2	23	0	6.95	+ 2.97	3.36	27	.0			9	3	3
DUMAS 2									6.71		2.07	29				9	4	4
DURHAM									3.84		1.01	18				11	6	1
EAGLE GAP									8.42		2.95	8	.0			13	7	3
EL DORADO AP	84.9	+ 2.3	104	26+	61	3	31	0	1.68	- 2.76	.57	6	.0			11	2	0
ELKINS									4.92		1.00	27	.0			11	9	1
EUREKA SPRINGS	77.6	- 1.4	94	27	59	1	10	0	6.69	+ 2.98	1.88	26	.0			12	8	2
EVENING SHADE									3.92		2.00	13	.0			6	4	1
FAYETTEVILLE	78.1		93	25+	56	1	11	0	6.02		1.08	15	.0			13	8	1
FAYETTEVILLE EX S	77.6	- 1.2	94	14+	56	4	12	0	4.54	+ 0.84	.97	15	.0			13	5	0
FORDYCE	84.3M	+ 2.3	101	15	63	29	31		4.23	+ 1.11	1.50	14	.0			6	5	2
FOREMAN									1.48		.49	31				5	3	0
FORESTER									4.06		1.27	12	.0			11	5	1
FORREST CITY									5.82		2.24	13				6	5	2
FORT SMITH WB AIRPORT	81.5		99	25	62	1	22	0	1.62	- 1.75	.38	13	.0			13	2	0
FORT SMITH WTR PLNT									4.09		1.82	16	.0			11	6	1
FOUNTAIN HILL									3.50		1.85	12	.0			5	4	1
FULTON									5.06	+ 1.50	1.19	28	.0			10	8	1
GARLAND									3.10		.63	18	.0			7	5	0
GEORGETOWN									6.75	+ 3.63	2.93	13	.0			7	7	2
GILBERT	77.7		97	8	55	2	21	0	3.95	+ 1.07	1.19	12	.0			13	5	1
GLENWOOD									2.75		1.09	19	.0			6	3	2
GRANNIS	78.9	- 0.6	94	25+	58	3	23	0	8.46	+ 3.91	4.10	12	.0			11	6	2
GRAVELLY									6.95		1.35	23	.0			14	7	4
GRAVÉTTE	77.8	- 0.6	95	27	58	1+	11	0	5.27	+ 1.76	1.25	26	.0			12	4	3
GREEN FOREST									5.04		.91	28	.0			10	8	0
GREEN MOUNTAIN	75.9		98	7	60	2+	4	0	1.72		.60	12	.0			5	4	0
GREENWOOD									6.68		1.55	23	.0			14	10	2
GURDON									5.84		2.85	18	.0			8	5	2
HAMPTON									3.77		1.95	26	.0			3	3	2
HARDY									1.48		.48	8				5	3	0
HARRISON	76.9	- 1.2	94	7+	53	2	20	0	6.34	+ 2.95	.85	26	.0			14	10	0
HARRISON AIRWAY	76.6		94	17	55	1+	9	0	6.09		.90	26	.0			13	10	0
HEBER SPRINGS 3SW									1.43		1.08	13				4	1	1
HECTOR									5.45		1.42	27	.0			10	5	3
HELENA	82.8	+ 1.4	98	8	64	2	27	0	5.61	+ 1.76	1.33	27	.0			9	5	3
HENDERSON									3.09		.82	18	.0			10	4	0
HOPE	82.7	+ 1.0	100	26	60	2	27	0	2.56	- 1.79	1.07	14	.0			9	4	1
HOPPER									3.86		1.80	15	.0			6	4	2
HORATIO									3.65		1.95	18	.0			5	3	2
HOT SPRINGS	82.5	+ 0.2	102	26	61	2	28	0	2.49	- 1.62	1.18	7	.0			9	3	1
HUNTSVILLE									4.50		1.56	18				8	4	2
HUTTIG DAM									2.26		.72	17	.0			12	3	0
JASPER									6.53		1.51	28	.0			14	10	2
JESSIEVILLE									2.75	- 0.70	.80	23	.0			10	4	0
JONESBORO	80.3	- 1.0	97	7	59	2	20	0	1.73	- 1.50	1.02	31	.0			10	1	1
KEO	81.3		97	16+	58	2	26	0	5.66		2.60	16	.0			12	4	2
LAKE CITY									2.84		.93	18	.0			9	4	0

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
LEAD HILL	78.3	- 1.8	95	7+	53	2	22	0	3.38	- 0.31	1.06	16	.0			7	5	1
LEE CREEK									3.07		.84	19	.0			11	5	0
LEOLA									2.82		.72	6	.0			7	5	0
LITTLE ROCK WB AP	82.1	+ 1.2	98	25	63	2	24	0	3.41	- 0.09	1.11	13	.0			13	4	1
LITTLE ROCK FILT PL									5.85		1.24	13	.0			13	6	3
LOCK AND DAM NO 3									1.88		.85	8	.0			9	3	0
LOST CORNER									3.21		1.01	13	.0			12	5	1
LURTON									2.77		.93	12	.0			15	4	0
LUTHERVILLE	78.5	- 1.8	94	7+	58	2	20	0	3.76	+ 0.22	1.83	13	.0			9	4	1
MADISON									5.10	+ 0.30	2.25	13	.0			6	4	2
MAGNOLIA	84.7	+ 2.2	105	25	63	2	30	0	2.27	- 1.74	.93	18	.0			5	4	0
MALVERN	83.1		101	17	61	2	31	0	2.70		1.25	7	.0			11	3	1
MAMMOTH SPRING	77.8	- 1.2	97	8	52	1	23	0	1.50	- 2.00	.63	8	.0			6	2	0
MARIANNA	80.7	- 0.5	97	7	59	2	26	0	6.02	+ 2.63	2.15	27	.0			8	5	3
MARKED TREE	81.0		98	31	59	2	27	0	2.25	- 1.36	1.20	13	.0			5	3	1
MARSHALL	77.3	- 1.8	93	7+	54	1+	13	0	4.07	+ 0.50	1.38	22	.0			13	5	1
MARVELL									3.92		1.88	13	.0			5	3	1
MAUMEE									4.12		.98	11				12	6	0
MELBOURNE									2.17		.75	17	.0			5	4	0
MENA	80.7	+ 0.4	96	17+	59	2	24	0	6.02	+ 2.14	2.04	6	.0			13	6	2
MONTICELLO	83.4		99	8+	65	2	29	0	4.20		1.82	16	.0			8	4	1
MOROBAY L D 8									2.22		1.30	11	.0			6	2	1
MORRILTON	81.7	- 0.9	99	17+	60	2	27	0										
MOUNT IDA 1	80.3	+ 0.4	99	30	53	2	28	0	3.00	- 0.50	.61	13	.0			10	5	0
MOUNT IDA 2									2.23		.50	13+				10	4	0
MOUNTAIN HOME	77.3	- 2.1	95	7	54	2	11	0	2.70	- 0.82	.70	10	.0			9	5	0
MOUNTAIN VIEW									3.90		1.49	8	.0			9	3	2
MOUNTAINBURG									4.20		1.62	15	.0			13	6	1
MULBERRY									4.01		1.75	15	.0			8	6	1
NASHVILLE	82.4M		101	26	61	2	27	0	2.97		1.02	12	.0			10	5	1
NATHAN									3.44		.85	14+	.0			8	5	0
NEWPORT	81.9	+ 0.4	101	7	61	2	27	0	3.57	+ 0.35	1.20	19	.0			7	4	2
NIMROD DAM	80.0		100	21	56	2	21	0	6.96		1.90	23	.0			13	8	2
NORFORK DAM	78.8		98	8	53	2	19	0	1.08		.37	18	.0			5	2	0
ODELL									2.65		.71	4	.0			12	3	0
OKAY	83.5	+ 0.6	101	25	59	2	31	0	2.94	- 0.66	1.53	14	.0			7	3	1
OSCEOLA									3.62	+ 0.25	1.00	19+	.0			5	5	2
OWENSVILLE									5.31		1.99	6	.0			12	6	1
OZARK	80.5	- 1.7	97	22	60	1+	25	0	2.35	- 0.82	.65	15	.0			8	3	0
PARAGOULD	80.0		97	7	55	2	26	0	5.65	+ 2.43	2.05	13	.0			7	3	3
PARKIN									4.57	+ 1.15	2.39	13	.0			4	4	2
PARTHENON									5.51		2.10	27				10	5	1
PERRYVILLE					57	5		0	5.53	+ 1.28			.0			10		
PINE BLUFF	83.8	+ 1.3	100	8	64	2	30	0	9.09	+ 5.49	2.69	19	.0			11	7	3
PINE RIDGE									3.73	+ 0.04	.77	6	.0			12	5	0
POCAHONTAS 1	80.9	+ 0.3	99	7	56	2	25	0	1.71	- 2.28	1.30	19	.0			4	2	1
PORTLAND	83.4	+ 1.6	100	24+	64	2	30	0	1.20	- 2.73	.79	13	.0			4	1	0
PRESCOTT	82.5	+ 0.1	100	26	60	2	30	0	2.96	- 0.58	1.00	19	.0			7	3	1
PRESCOTT SCS									3.24		1.05	18				11	3	1
PYATT									5.63		1.85	12				10	6	2
RATCLIFF									5.58		1.70	19	.0			7	7	2
RAVANA									3.11		1.45	27				7	3	1
RED STAR									3.96		.90	27	.0			10	5	0
ROCKHOUSE									7.15		1.75	13	.0			8	6	4
ROGERS	76.9	- 1.1	94	27	55	1	12	0	7.07	+ 3.39	2.24	18	.0			13	8	2

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
RUSSELLVILLE	80.9	- 0.6	97	25	58	2	24	0	3.68	- 0.42	1.27	12	.0			10	7	1
SAINT CHARLES	81.2M		96	5+	60	1		0	5.55		1.63	18	.0			5	5	3
SAINT FRANCIS									2.11	- 1.94	.82	18	.0			5	3	0
SEARCY	82.0	+ 0.6	99	29+	59	2	26	0	2.85	- 0.10	1.33	13	.0			10	3	1
SHERIDAN	80.1M																	
SHIRLEY									2.40		.76	13	.0			9	3	0
SILOAM SPRINGS	77.7M		94	27	58	1+	13		2.85		1.34	26	.0			10	4	1
SMITHVILLE									5.81		2.22	30				8	5	2
STEVE									7.36		1.30	23	.0			13	11	1
STORY									5.17	+ 1.70	1.65	14	.0			11	7	1
STUTTGART	81.2	- 0.1	93	30+	63	1	24	0	6.83	+ 3.04	2.85	27	.0			10	5	2
STUTTGART 9ESE	81.5	- 0.1	95	8	64	2	24	0	4.79	+ 0.70	1.38	14	.0			12	4	2
SUBIACO			95	20+			17		5.06	+ 1.89	2.30	15	.0			10	6	2
SUGAR GROVE									6.21		1.57	23	.0			10	6	2
SUGAR LOAF MTN.									1.90		.59	13	.0			9	2	0
TAYLOR									3.87		.91	10	.0			6	6	0
TEXARKANA WB AIRPORT //	83.4	+ 0.9	100	25	63	2	27	0	3.71	- 0.40	1.26	31	.0			8	5	1
TURNPIKE			88	7			0		3.88	+ 0.60	1.10	13	.0			10	5	1
VIOLA									1.95		.90	5	.0			4	3	0
WALDRON	80.4		99	17	55	2	25	0	6.60	+ 3.73	1.48	23	.0			10	6	4
WALNUT GROVE									.84		.34	14	.0			5	1	0
WARREN	83.5	+ 1.1	98	7+	64	28	30	0	4.48	+ 0.59	1.84	28	.0			5	3	3
WEDINGTON LAKE									4.25		1.29	26				10	7	1
WEST FORK									2.76		.89	27				12	4	0
WHEELING									3.08		1.15	12				9	4	1
WHITE ROCK	75.5		89	14+	60	2	0	0	4.99		1.24	3	.0			14	5	2
WHITECLIFFS									2.93	+ 0.24	1.26	28	.0			5	4	1
WINFREY									2.01		.58	14				8	4	0
WING									5.37		1.62	23				11	5	2
WYNNE	81.1	+ 0.1	97	7	62	2	22	0	2.20	- 1.36	.90	13	.0			9	3	0
YELLVILLE									3.73				.0			5		
STATE	80.5	0.0	105	25	51	2	22	0	4.11	+ 0.44	4.81	27	.0			9	5	1

TABLE 3
DAILY PRECIPITATION

ARKANSAS
JULY 1948

STATION	DAY OF MONTH																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBOTT				.04		.02	T					T		1.02			T		.75	.52			1.43	.17	.98	.09	T					5.02
ALICIA R													.51					.23	.25				-	-	-	-	-	-	-	-	-	-
ALPINE			.05	.12	.18	.90	1.45					.41		.45	T			.59	1.20								T	.22				5.57
ALUM FORK Z				T	1.10		.20				T		.92	.05	.05	.68		.87	.06			.45	.17	.20		.15	.30					5.20
ALY R					2.03		.05	.06		2.18	.05	.06	.29	.50	.30		.74	.88	.16			.55	.40	.05	.05							8.35
ANTOINE				.18		.17	.20				T		.54		1.01				.57					-	-	-	-	-	-	-	-	-
APLIN					.30	.45	.29					.05	.19					.49	.94				.90	.06	.13		.19		.29			4.28
APPLETON — R				.09			.15					.20	2.15		.17			.17								.86						3.79
ARKADELPHIA Z				.49	T	.02	.12				.09	.25	T	.38	T	T		T	.15						T		.22	1.70				3.42
ARKANSAS CITY				.63								.25	.27				1.28	.09	1.21	T				.04		.65	1.02	.11	.09			5.64
ASHDOWN				.04		.75					.50	T	T				.03	.01							.05	.25	1.12			T	.02	2.77
ATHENS						.95	1.46					.75		.02	.15			.20	1.12				.08	T			.20					4.93
ATLANTA R	-	-	-	-	-	-	-	-	-	-	-	-		1.75				.80	.03													-
AUGUSTA Z					T	T				T			1.58	.08			.46		.38				.26			.12						2.88
BATESVILLE AIRWAY					.05	.13	1.55					.04	.17			.11		.27				.39					.02					2.73
BATESVILLE LIVESTCK					.19		.75	.77						.25	.04			.05		.04				.25								2.34
BATESVILLE L D 1 Z					.02		.11	1.02					.07	.38			.17		.28				.55					.01				2.61
BEAR CREEK LAKE R		-	-	-	-	-	-	-	-	-	-	-	-	.15		1.10	.75	.22				.07				1.22	.11	1.11				-
BEATY LAKE							.55					T	2.72	.12		T		.72	.08			T	1.14			T	.32					5.65
BEAVER				1.54	T			.03			.34	.47	.49		.81	.02	.85	.05	.89							1.10	.52	.06	.01	.06		7.24
BEE BRANCH				.11							.16	.38	.32			.12												.11				1.20
BEECH GROVE				T		.02							.87	.65				.50	.37	.56			.03									3.00
BEEDEVILLE	.04				T							.03	1.09			.70		.37				T	1.48		.09	T						3.80
BENTON						.77	T							.50	.03	.30	.05	.23	.96				.10			T	T	T				2.94
BENTONVILLE				.27	.15			.05				1.18	.18		1.30	.04	T	1.65	T				.20			1.76		T		.08		6.86
BERRYVILLE R	.75									.30	.35	.62	.68		.22			1.25								1.40						5.57
BETHESDA					.24		.48	.70		.25				.55			T						.40									2.62
BIG FLAT				T	.17	T		.19				.11	1.10	.13		T	T	.08		.06			1.20				.24	.12				3.40
BIG FORK					T	.20						.30	.40		.20			.80	T									.30				2.20
BIG LAKE OUTLET	.02				T							T	1.30	.24		T		1.43	.07	.30			.33			.07					.36	4.12
BLACK ROCK													1.10						.09				.35								.45	1.99
BLUE MOUNTAIN DAM R				.08	.45			.22				.08			1.52	.22		.80	.03			.35	1.09	.61		.06	.12				.02	5.65
BLUFF CITY 3SW	-	-	-	-	-	-	-	-	-		.07	.13		.47	.05			.02	.24						.45		.35	.05				-
BLYTHEVILLE													T	1.15		.35			.50	2.00	T			.06							.48	4.54
BOONEVILLE Z	T		.33	.08	.15	T	.05			.89		.70			.14	.11		.21	.05			.15	1.13	.50		.08	T					4.57
BOONEVILLE 2S	.13			.35	.01	.38	.07				.35	.32	.04		1.19				.55				1.48	.26	.47		.09					5.69
BOTKINBURG R				.40	.10		.20				1.70		.55		.07							.28					.07					3.37
BOUGHTON	T			.13			.26				.58	.19		1.24				.10	.58													3.08
BRADFORD					T	T	T	T	T				.25				.22		.32				1.20					T				1.99
BRINKLEY //Z								.03				.02	.70	1.14			.50		.12				.16				.81				.40	3.88
BULL SHOALS DAM R				.21	.15		.32				.15	.54				.37	.05	2.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BURDETTE													/.89		.08			.97				.42	1.00									03.36
CABOT						.07	T	T			.24		1.58					.94				.28	.52				.10	.34				4.07
CALICO ROCK	.24		.10		.13	.27		.05				T	.50				.03	.42		.10			.05				.05		.06			02.00
CAMDEN 1				1.10		.24									1.46				.07								.25	.86				3.98
CAMDEN 2 R			1.28		.14									1.50				.10								.10	.65					3.77
CAMP CHAFFEE					.32	.10		.06			T	.07	.73		.82				T	.29			.32	-	.95	.10	.09	T				-
CANAAN R							.18				.05											.65		.15		.35				.10		1.48
CARLISLE												.17	.98				.56		1.00					.94			.85					4.50
CLARENDON				.42					.33		.04	.05	.55	.35					.53				.28	.06			1.22			.07		3.90
CLARKSVILLE R	.20		.15						.15		.05		.50		.43						.10		.20									1.78
CLINTON					.18	.24		.34					1.12	.51	.10	T		1.80					.85				.02	.03				5.19
COLD SPRINGS				.12	.05	.30	.13					.55	.30		2.20	.30		.45	1.05								.60					6.05
COMBS R			.80	.59								.14			.65											.75	1.85					4.78
COMPTON R				.10	.40			1.00		-	-	-	-	-		.16										.92						-
CONWAY	.02			.34	.09	.01		.07	.02		.03	.11	.19			T		.14	T			.04	.40		.03		T	.08				1.57
CORNING Z						.02							.10	.04				2.67					.52									3.35
COTTER				.11	T	.09					.41	.62	1.53		T		.69	1.63		.09			T			.26	.33	.09				5.85
COVE				.28	2.26	.18	.63	.12				2.00	.03					2.68						.42				.10				8.70
CROSSETT						.60						.20		.06		.76	.18	T									1.44	.09	T		.20	3.53
CRYSTAL VALLEY						T	1.03					T		.58		.23	.51						.48				.09	.21				3.13
CUMMINS FARM											.25	T	T	.30		.78		2.34	.16						T		4.81	.07				8.71
DAISY R					.24	.52	.23			.65	.03	.45		1.74				1.34									.05					5.25
DANVILLE Z				.04	.03	.74	.52					.64	.16	.07	.07		T		.90	.01			1.40	.09	.13		.31		.01		.03	5.15
DARDANELLE	.06					1.84	.08	.39				.58		.56	.21					T			.73				.26	.21				4.92
DE QUEEN					1.15	.10	.14					.31		.15			.45	.09													T	2.39
DENVER R			.12		.30		.26			.10		.56		.02	.40	.68		.25								1.10	.14					3.93
DERMOTT							.36						.64						.45							1.40	.44	.22				3.51
DES ARC								T		.17			1.13	.25	T		.52		.64	T			.10				.90	T			.22	3.93
DEVILS KNOB							.16	.32		T	2.31				.71	T		.31				T				.58	.62	T		T		5.01
DUMAS 1					.02	T					.20			.08	T	1.81	.03	1.20		.05					.20		3.36					6.95
DUMAS 2 R			.05								.22		.07			1.77		1.13	.03								.19	1.18	2.07			6.71
DURHAM R			.58	.13		.03	.38	.13			.13			.26				1.01				.40				.61	.18					3.84
EAGLE GAP			.07	.16	T	.87	1.08	2.95			.06	.21	.67		.13	T	T		1.23	T			.50		.45	.04						8.42
EL DORADO AP	T			.08		.57						.52	.03	.16	.02			.03							.15		.02	.08			.02	1.68
ELKINS			.56		.94			.36			.06		.44		.25		.12		.46			.36				T	1.00	.37				4.92
EUREKA SPRINGS			1.23				.10			T	.53	.50	.05	T	.50	.40		.95				.05				1.88	.45	.05				6.69
EVENING SHADE					T	T	.42	.16		T			2.00	.35				.20	.79				T									3.92
FAYETTEVILLE			.37	.04	T			.10		.27	.07	.98			1.08	.43	T	.89				.17	T	T		.96	.65			.01		6.02
FAYETTEVILLE EX S			.30	.04				.22		.18	.11	.34	T		.97	.12		.96				.08				.95	T	.23		.04		4.54
FORDYCE												.22		1.50		T	.38	.25	.50								1.38					4.23
FOREMAN R					.09		.37					.23															.39				.49	1.48
FORESTER				.01	.04	.80	.06				.11	1.27	.49	.05	T		.60	.50	.13			T										4.06
FORREST CITY R							.24					.50	2.24					1.50				.58				.76						5.82
FORT SMITH WB AIRPOR Z			.24	.01	.05		.22			.09	T	.09	.38	.06				T	T			.09	.08	.03		.26	.02			T	T	1.62
FORT SMITH WTR PLNT				.10		.09						.60	.05			1.82			.06	.55			.25		.02		.29	.26				4.09
FOUNTAIN HILL							T					1.85							.60						.25	.22	.58					3.50
FULTON				.44		.77						.30		.99			.33	T	.21						.32		.14	1.19			.37	5.06
GARLAND						.41					.19				.53			.63							.52		.59	.23				3.10
GEORGETOWN								.45		T			2.93	.80					.67				1.12			.49	.29					6.75
GILBERT Z				.03	.03		T	.17				1.19	.02	.62	.03		T	.53	T	.01			.08		.14		.48	.62				3.95
GLENWOOD								.09			.26	.21				1.01			1.09								.09					2.75
GRANNIS				.32	.11	2.35	.42	T		.11	.44	4.10	T	T		T	T	.04					.44		.08			T			.05	8.46
GRAVELLY					.05	1.09	.06				1.14	.04	.14	1.16		.22		.09	.29				1.35	.18	.49		.65					6.95
GRAVETTE			.22	.07							.19	.12	.70		1.20	.20		1.08	.04			.06				1.25	T			.14		5.27
GREEN FOREST				.31		.46		.12			.22		.33		.43		.64		.86							.76	T	.91				5.04
GREEN MOUNTAIN					T			.17				.60	.25					.44				.26				T	T			T		1.72
GREENBRIER	T			T	.33		.05				.15	.05				1.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENWOOD			.50	.08	.25		.02				1.50	.42	.07					.58	.58			.12	1.55	.39		.28	.34			T		6.68
GURDON				.29		.03	.10				.60	.09		1.38				2.85	T									.50				5.84

See Reference Notes Following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

ARKANSAS
JULY 1948

STATION	DAY OF MONTH																															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAMPTON														.26			1.56									1.95	T					03.77
HARDY R					.05		.30	.48				.45	.20																			1.48
HARRISON				.12	.62			.57		.46	.35	.10	.76		.40	.81		.11	.78			.03				.85	.38					6.34
HARRISON AIRWAY Z			T	.12	.62	T	.48			.36	.36	.83	T		.28	.86		.13	.77			.01		T		.90	.37					6.09
HEBER SPRINGS 3SW R												.17	1.08									.05					.13					1.43
HECTOR	.05				T	T		.04				.10	1.10	.76	.08	T			.72				.10				1.42	1.08				5.45
HELENA													1.30	1.27	.05		.13	.18	.73				.38				1.33				.24	5.61
HENDERSON			.60	.45	.10		.15			T	.10	.23				.30		.82	.14							.20						3.09
HOPE				.09	T	.63					.35	.03		1.07	.02				.29								.02	.06				2.56
HOPPER				.10			.29			.06			.42		1.80		T		1.19									T				3.86
HORATIO						.34		.03				1.25		.08				1.95														3.65
HOT SPRINGS			T	T	.34	T	1.18				.02	T	.03	.16					.04				.15				.51	.06				2.49
HUNTSVILLE R			.36	.09								1.28	.01		.20	.08		1.56								.92						4.50
HUTTIG DAM Z	T					.04	.09					.09	.04		.13	.39	.72								.06	.02	.18	.45	.05			2.26
INDEX												.40															.10	1.45	T		-	-
JASPER	.06				.08	1.05		.46			.63	.27			.49		.57	.46	.03				.04			.54	.34	1.51				6.53
JESSIEVILLE					.04	.20	.68					.14	.29		.05				.41				.80				.10		.04			2.75
JONESBORO	T				.02					.10			.17	.03			.01	.17	.03	.03			.15					T			1.02	1.73
KEO					.04		.03			.45			1.73	.04	.10	2.60		.40		.03		.08		.03			.13					5.66
KINGSLAND R					.70	-	-	-	-	-	-	-	-	-		.25										.74		.05			.05	-
LAKE CITY						T						.08	.43			.02		.93		.09		.90	.05			T				.27	.07	2.84
LANGLEY	-	-			.11	.96	.11				.14	.35	.11	.10	.03		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEAD HILL			.41					.24				.74			.12	1.06		.32	T							.49						3.38
LEE CREEK				T	T						.22	.38	.10		.27				.84				.09	.10	.03	.59	.36	.09				3.07
LEOLA						.72						.29	.10	T	.71		.35		.20								.45	T				02.82
LITTLE ROCK WB AP Z				T	.04	.03	T				.08	.77	1.11		.20	.03		.11				.16	.06			.33	.48	T		.01		3.41
LITTLE ROCK FILT PL					1.05	.03						1.07	1.24		.18	.07		.13				.34	.46			.23	.99	.02		.04		05.85
LOCK AND DAM NO 3				T	.05	T	.02	.85					.09	.25			.05		.03				.38				T	.16				01.88
LOST CORNER				.06	.30			.21				.21	1.01	.30		.16	.05	.03				.39					.42	.07				03.21
LURTON	.08			.06	T		.04	.09				.93	.06	.04	.33		.46		.09					.06		.09	.25	.14			.05	02.77
LUTHERVILLE							.06		.33		.04	.09	1.83		.30				.85			.02					.24	T				3.76
MADISON								.10					2.25	.15					1.25				.85				.50					5.10
MAGNOLIA Z				.32	.07					T	.29			.66				.93						T			T				T	2.27
MALVERN				.01	T		1.25	.16				.06			.05	.11		.03	.31					T		.15	.20		.37			2.70
MAMMOTH SPRING					.15	.05		.63						.24		.10	.33															1.50
MARIANNA Z	T							.02				T	1.75		.20		1.10		.35				.10				2.15				.35	6.02
MARKED TREE													1.20	.20			.06		.46				.33									2.25
MARSHALL			.33		.09			.14		.06	.24	.24	.61	T	.10	.14						1.38				.32	.05			.37		4.07
MARVELL													1.88	.14					.98							T	.81				.11	3.92
MAUMEE R				.14		.08	.36				.98	.07			.04	.13		.85	.14			.35				.55	.43					4.12
MELBOURNE				.25	T		.22	T					.34	.61			.75	T					T			T		T		T		2.17
MENA Z				.06	T	2.04	T	1.15	.03		.17	.24	.37	.23	T			.24	.44				.31	T	.10				.64		T	6.02
MONTICELLO Z											.16	.23		.06		1.82	T	.73					-		.40	.03	.77	T				4.20
MONTROSE R	-	-	-	-	-							.81															.40					-
MOROBAY L D 8 Z				T							1.30	.20		.24			.16	.05									.27					2.22
MORRILTON			T		T	.17	.09					.33	.78				.61		.10	.08			-		T	.23		.38	T			-
MOUNT IDA 1 R				.12	.56		.13	.24				.18	.61				.39	.38					.33					.06				3.00
MOUNT IDA 2					.37		.04				.07	.13	.50			.05	.10	.37				.50					.10					2.23
MOUNTAIN HOME Z				.60						.70	.10	.15	.05			.25		.50				.05				.30						2.70
MOUNTAIN VIEW				T	.21	.12		1.49				.02	.07	.10			T		.56				1.28				T	.05			T	3.90
MOUNTAINBURG			.09	.04	.08					.02	.52	.05	T		1.62			.11	.56			.27	.05			.44		.35				4.20
MULBERRY				.10	T	T		T			T	.28	.20		1.75				T	.74			.29	T		.25	T	.40				4.01
NASHVILLE				.08		.28	.04					1.02	.01	.73	.05			.15	.35									.26				2.97
NASHVILLE SCS R			.55	.04	.22	.02		.05				.87	.16	.75			.20	.55									.17		-	-	-	-
NATHAN				.10		T	.05	.59		.06	.60	T		.85		T		.34	.85				T					T				3.44
NEWHOPE						.20	.03	1.20		-	-	-	-	-	-	-	-	-	-	-	-	-	-				.15					-
NEWPORT				T	T		.02						.50				1.08	.10	1.20				.57								.10	3.57
NIMROD DAM Z					.10	1.05	.95			T	.55	.10	.05		.90			.08	.34				1.90	.05	.39		.50		T			6.96
NORFORK DAM Z							.08						.31					.37		.08							.24					1.08
ODELL				.71		.06	.01			.08	.06	.65			.16				.18				.02	.06		.42		.24				2.65
ODEN						.64	.07		.50	-	-	-	-	-	-	-	.13	.61					.44	-	-	-	-	-	-	-	-	-
OKAY				.10						T		.44		1.53				.19	.18								.43				.07	2.94
OSCEOLA													.42					.80	1.00	1.00			.40									3.62
OWENSVILLE	T			.26	T	1.99	.93					.37	.20	.11	.01		.02	T	T				.80		.17		.27	.18				5.31
OZARK						T		.18				.32	.24		.65					.15		T	.60	.06				.15				2.35
PARAGOULD												.12	2.05					1.62	1.73			.05	.02							.06		5.65
PARKIN								.54					2.39						1.09				.55									4.57
PARTHENON R				.07	.30		.17				.20				.97	.44		.10				.18				.98	2.10					5.51
PERRYVILLE							.86						.15	.37		T	.23		1.57			.65	1.10				.25	.35				5.53
PINE BLUFF	.98					.01						.22	.43	2.05	.23		.76	.07	2.69	.40							1.25					9.09
PINE RIDGE			.03	.04	T	.77		.23			.06	.64	.65		.49		.05		.44	.14					.19							3.73
POCAHONTAS 1						.13						.03		.25					1.30													1.71
PORTLAND												T	.79						.12								.16	.13	T			1.20
PRESCOTT				.15		.05	T				.70	.20		.82					1.00						.04			T				2.96
PRESCOTT SCS R			.04	.06	.09	.07	.02			.79		.22		.80			.02	1.05						.08								3.24
PYATT R			1.10	.20							.02	1.85	.04		.41	.88		.40								.65	.08					5.63
RATCLIFF				.70	.35						.60	T	.40		1.35				1.70				.48	T		T						5.58
RAVANA R			.75							.15	.04	.38													.14		1.45				.20	3.11
RED STAR			.25		.15		.18			T	.89			.40					.18					.18	.21	.62	.90					3.96
RISON										-	-	-	-	-	-	-	-	-	-	-	-	-	-				2.75	T				-
ROCKHOUSE			.22							1.05	.61		1.75	.40				1.65								1.37		.10				7.15
ROGERS			.25	.11	T			.08		T	.54	.59	.53		.82	.31		2.24	T			.14	T			1.21	.21			.04		7.07
RUSSELLVILLE				T	.31	T			.07		.44	1.27	T		.05	.03						.51	.38			.34		.28			T	3.68
SAINT CHARLES												T	1.50	1.10				1.63	.84								.48					5.55
SAINT FRANCIS													.72	.05		.10		.82					.42									2.11
SEARCY					.08	.02	.08				T	.02	1.33	.61	.03			T	.39	.06		T	T		.23							2.85
SHERIDAN			T	T	.32	.15	T				.14	.02	1.10	.30	.72	.04	T	1.20	.20				1.03	T			.23				-	-
SHIRLEY			T	.21			.20				.07	.21	.76		.10			.55				.25		.05		T	T					2.40
SILOAM SPRINGS			.31	.12	T			T		T		.18			.37	.40	.07	.02				.04				1.34	T			T		2.85
SMITHVILLE R						.05						1.08	.52	.04				.85	.15		.90									2.22		5.81
SPARKMAN			.61	.40	.22								.78						.93									.35			-	-
STEVE				.42	.90	.23					.33		.21		.69	.54	.54	.59				.45	1.30	.86			.30					7.36
STORY						.52				T	.48	.32		1.65	.16	.07	.05		.39				.38		.17		.98	T				5.17
STUTTGART	.05										T	.21	.31	.89		.55		.17	1.59				.12	.09			2.85					6.83
STUTTGART 9ESE Z	.10		.10			.05						.37	.18	1.38		T		.04	.77					.15			1.34		.21		.10	4.79
SUBIACO			.25	.40						.15		.15	.10		2.30	T		.36				T	1.00				.25			.10		5.06
SUGAR GROVE	T			.15		.80	.80				.70	T	.21			.70			1.06				1.57	.13	.09	T						6.21
SUGAR LOAF MTN					T	.23	.01						.59	.56					.07				.21			.15		.02			.06	1.90
TAYLOR				.80						.91	.30	T		.75	T			.50									.61					3.87
TEXARKANA WB AIRPOR//Z			.13	T	.49	.09				T		.02		T			.81	T						T		.46	.45				1.26	3.71

See Reference Notes Following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

ARKANSAS
JULY 1948

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
TURNPIKE				.12	.52		.08	.12			.21	.59	1.10		.75											.25	.14					3.88
VIOLA					.90								.50				.45										.10					1.95
WALDRON Z			.10	T	1.10	.04	.40					.10	.86		T	T	T	1.10				1.30	1.48	.12		T						6.60
WALNUT GROVE						.12								.34				.15				T	.13							.10		.84
WARREN												1.05	T			.15	1.22							.22				1.84				4.48
WEOINGTON LAKE R			.46	.39							.05	.39			.44	.08		.80				.25				1.29	.10					4.25
WEST FORK R			.29	.02				.09			.12	.06		.40		.05	.09	.08						.05		.62	.89					2.76
WHEELING R				.60			.22					1.15	.10			.23	.25	.05				.18								.30		3.08
WHITE ROCK			1.24	.24				.06		.21	.11	.18	.20		.80		T	.04	.45			.05		.08		1.00		.33				4.99
WHITECLIFFS											.77	.51		.29				.10									T	1.26			T	2.93
WINFREY R										.29		.07		.58			.09							.05	.06	.35			.52			2.01
WING R					1.30	.30	.10					.23	.02				.70	.17				.78	1.62	.05		.10						5.37
WYNNE										.05		.48	.90			.03		.10	.04			.48	.11								.01	2.20
YELLVILLE								.48				1.00					.50					1.75										3.73

See Reference Notes Following Station Index

TABLE 4
HOURLY PRECIPITATION

ARKANSAS
JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1st																									
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEEBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BERRYVILLE												*	*	*	.75										.75
CLARKSVILLE												.13	.06	.01											.20
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2d																									
BEAR CREEK LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STUTTGART 9ESE																					.09				.09
3d																									
ARKADELPHIA																	.35	.05						.05	.45
BOONEVILLE											.25	.05		.05											.35
BULL SHOALS OAM														.17	.04										.21
CAMDEN 2																						.90	.37	.01	1.28
CARPENTER OAM																.05									.05
CLARKSVILLE									.03	.10	.01	.01													.15
COMBS												.53	.20	.04			.02			.01					.80
DENVER														.10	.02										.12
DUMAS 2																				.04	.01				.05
DURHAM												.08	.43	.02	.03	.02									.58
FORT SMITH WB AIRPORT											.01	.08	.13	.02											.24
HUNTSVILLE												.04	.21	.09		.01	.01								.36
MAGNOLIA																						.10	.10	.10	.30
NASHVILLE SCS																							.03	.12	.15
PRESCOTT SCS															.01	.01								.02	.04
PYATT												.03	.87	.20											1.10
RAVANA																				.65	.05	.05			.75
REMMEL OAM																								.09	.09
TEXARKANA WB AP //															.05	.03									.08
WALDRON											.03		.02	.02				.05							.12
WEDINGTON LAKE										.10	.20	.10									.04	.02			.46
WEST FORK											.20	.08	.01												.29
4th																									
APPLETON						.08	.01																		.09
BATESVILLE L D 1								*	*	*	*	*	*	*	*	*	*	*	*	*	.02				.02
BLUE MOUNTAIN OAM	.02							.03	.03																.08
BOONEVILLE	.05																								.05
BOTKINBURG							.35	.05																	.40
BULL SHOALS OAM					.02	.09				.04															.15
COMBS		.50	.02	.01			.06																		.59
COMPTON														.10											.10
DANVILLE		.04																							.04
DURHAM																		.13							.13
FORT SMITH WB AIRPORT												.01													.01
GILBERT								.03																	.03
HUNTSVILLE			.04	.05																					.09
MAUMEE						.05		.05			.01	.02	.01												.14
MENA	.06																								.06
MOUNTAIN HOME								.10	.50																.60
NASHVILLE SCS	.01			.01				.02																	.04
NIMROD OAM											.03		.02	.03	.02										.10
NORFORK OAM								.50	.15																.65
PARTHENON									.03	.01	.03														.07
PRESCOTT SCS	.06																								.06
PYATT																.15	.03		.02						.20
TEXARKANA WB AP //																						.02			.02
WALDRON																		.04							.04
WEDINGTON LAKE	.20	.04					.07	.02		.04	.02														.39
WEST FORK			*	.02																					.02
WHEELING										.50	.07	.02	.01												.60
5th																									
ALUM FORK									.01		.01			.22	.43	.08	.16	.09	.02						1.02
ALY														.95	.62	.11	.17	.12	.02	.04					2.03
BLUE MOUNTAIN OAM														.25	.02	.03	.09	.04	.02						.45
BOONEVILLE															.05	.03		.02							.10
BOTKINBURG																	.10								.10
CAMDEN 2																	.05	.09							.14
CARPENTER OAM													.10	.47		.21	.03	.01	.02						.84
COMPTON														.38	.02										.40
DAISY													.02	.21	.01										.24
DANVILLE																.15	.05	.15							.35
DENVER													.24	.06											.30
FOREMAN														.08	.01										.09
FORT SMITH WB AIRPORT																.01	.01	.02	.01						.05
HARDY																							.05		.05
HUTTIG OAM																.05									.05
KINGSLAND															.54	.16									.70
LITTLE ROCK WB AP																	.01	.02	.01						.04
MAGNOLIA																	.10								.10
MENA																1.80	.05	.10	.05						2.00
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT IDA 1														.10	.05	.03	.05	.09	.05						.37
NASHVILLE SCS																			.18	.03	.01				.22
NIMROD OAM															.80	.05	.15	.03	.02						1.05
PARTHENON																		.23	.07						.30
PINE BLUFF 3N																*	*	.01							.01
PRESCOTT SCS														.06	.03										.09
REMMEL OAM															.52	.12	.10	.03							.77
STUTTGART 9ESE																.05									.05
TEXARKANA WB AP //													.40				.07	.03							.50
WALDRON																.90	.15	.05	.02						1.12
WING													.10		.68	.12	.20	.18	.01	.01					1.30

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
6th																									
ALUM FORK																						.07	.01	.09	.17
ARKADELPHIA																							.12	.02	.14
BATESVILLE L D 1									.11																.11
CARPENTER DAM																					.10	.03	.14	.06	.33
CORNING							.02																		.02
DAISY												.02	.38										.03	.09	.52
DURHAM				.03																					.03
HUTTIG DAM																	.05	.02	.01						.08
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITTLE ROCK WB AP																								.03	.03
MAUMEE										.08															.08
MENA							.05																		.05
NASHVILLE SCS								.02																	.02
NIMROD DAM																							.82	.18	1.00
NORFORK DAM																.08									.08
PRESCOTT SCS														.01	.02								.02	.02	.07
REMMEL DAM													.36							.07	.14				.57
SMITHVILLE							.05																		.05
TEXARKANA WB AP //																.10									.10
WING																								.30	.30
7th																									
ALY																								.05	.05
APPLETON														.01						.15					
BATESVILLE L D 1																.10			.10	.60	.20				1.00
BOONEVILLE		*	.05																						.05
BOTKINBURG																			.20						.20
BRINKLEY //																	.01	.02							.03
BULL SHOALS DAM																				.32					.32
CANAAN																				.10	.04	.04			.18
DAISY	.01					.22																			.23
DANVILLE	.30																								.30
DENVER																			.08	.12		.05	.01		.26
DURHAM																						.38			.38
FOREMAN									.30	.07															.37
FORREST CITY																.24									.24
FORT SMITH WB AIRPORT																						.01	.21		.22
GILBERT																	.09					.03	.02		.14
HARDY												.30													.30
MARIANNA																	.02								.02
MAUMEE																.32	.01					.01	.02		.36
MENA								.25	.75	.15			.05												1.20
MOUNT IDA 1												.04													.04
PARTHENON																					.17				.17
PRESCOTT SCS	.02																								.02
REMMEL DAM	.15																								.15
WALDRON		.40				.04																			.44
WHEELING																			.12	.05	.04	.01			.22
WING	.10																								.10
8th																									
ALY	.02					.02	.02																		.06
BLUE MOUNTAIN DAM	.22																								.22
COMPTON																				.80	.16	.04			1.00
DURHAM															.13										.13
HARDY																		.40	.08						.48
MENA																	.03								.03
NASHVILLE SCS		.05																							.05
WEST FORK																		.08	.01						.09
9th																									
CLARKSVILLE																					.12	.03			.15
10th																									
ALY														2.10	.05			.03							2.18
ARKADELPHIA																						.05		.02	.07
BERRYVILLE													*	*	*	.30									.30
BOONEVILLE											.85														.85
COMPTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAISY													.03		.61	.01									.65
DENVER													.10												.10
FORT SMITH WB AIRPORT										.09															.09
MAGNOLIA																	.10	.10	.05						.25
MENA														.15											.15
MOUNTAIN HOME														.20	.50										.70
NIMROD DAM															.52										.52
PRESCOTT SCS																	.44	.35							.79
RAVANA											.08	.07													.15
WINFREY											.25	.02										.01	.01		.29
11th																									
ALY												.04	.01												.05
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BERRYVILLE																.25		.05	.05						.35
BOONEVILLE																			.65						.65
BOTKINBURG													.35	1.05	.30										1.70
BRINKLEY //																						*	*	.02	.02
BULL SHOALS DAM																	.13	.02							.15
CANAAN															.05										.05
CLARKSVILLE																	.05								.05
DAISY																		.03							.03
DANVILLE													.15	.55	.30										1.00
DUMAS 2																	.22								.22
DURHAM			.02	.01	.03														.07						.13
GILBERT															1.18										1.18
HUTTIG DAM																		.02	.03						.05
LITTLE ROCK WB AP											.03	.04								.01					.08
MAGNOLIA													.05												.05
MAUMEE												.10	.01		.85	.02									.98
MONTICELLO																	.07		.01		.01	.01		.01	.11
MOROBAY L D 8														.20			.05	1.00	.20						1.45
MOUNT IDA 1															.05									.02	.07
MOUNTAIN HOME																	.05							.05	.10

See Reference Notes Following Station Index

TABLE 4—Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
NIMROD OAM																	.08								.08
PARTHENON		.01	.01													.03		.05	.09	.01					.20
PINE BLUFF 3N																		.16							.16
PYATT																	.03								.02
RAVANA								.01	.02	.01															.04
REMMEL OAM																		.06		.01					.07
STUTTGART 9ESE														.35											.35
WEDINGTON LAKE																					.05				.05
WEST FORK																.07								.05	.12
12th																									
ALUM FORK					.01	.03																			.04
ALY					.04																.02				.06
APPLETON						.20																			.20
ARKADELPHIA					.10	.15																			.25
AUGUSTA																		*	*	*	*	*	*	*	*
BATESVILLE L O 1																							.02		.02
BERRYVILLE									.05						.15		.05	.12	.03	.17	.03		.02		.62
BLUE MOUNTAIN OAM																								.08	.08
BOONEVILLE					.03													.03							.06
BULL SHOALS OAM																.02	.20	.10		.02	.05	.03	.10	.02	.54
COMBS				.13	.01																				.14
CORNING															.01			.03	.01						.05
DAISY		.04	.31	.03	.04	.01		.02																	.45
DANVILLE																						.30			.30
DENVER																			.08		.48				.56
FOREMAN			.11	.01	.01			.03	.07																.23
FORREST CITY													.04						.02	.18	.26				.50
FORT SMITH WB AIRPORT	.02		.01	.03	.02	.01																			.09
GILBERT								.05																	.05
HARDY																						.44		.01	.45
HEBER SPRINGS 3SW													.05	.01		.09								.02	.17
HUNTSVILLE					.04	.01			.50	.55	.18														1.28
HUTTIG OAM								.02																	.02
LITTLE ROCK WB AP																								.77	.77
MAUMEE								.02								.03						.02			.07
MENA		.05	.15	.02		.03														.12			.20		.57
MONTICELLO											.06	.01			.08	.11									.26
MONTROSE												.10	.35	.02						.34					.81
MOUNT IDA 1				.08	.05																				.13
MOUNTAIN HOME												.08				.10		.02			.03			.05	.28
NASHVILLE SCS	.06		.34	.42						.05															.87
NIMROD OAM					.02	.01																			.03
NORFORK OAM												.25													.25
PRESCOTT SCS					.20								.02												.22
PYATT			.01	.01										.10	.05		.03	.25	.52	.63		.12	.13		1.85
RAVANA						.18			.20																.38
SMITHVILLE																						.03	.67	.38	1.08
TEXARKANA WB AP //				.02																					.02
WALDRON				.02		.06													.35	.05				.25	.73
WEDINGTON LAKE																.09	.30								.39
WEST FORK																		.06							.06
WHEELING												.70	.30	.05	.03								.05	.02	1.15
WINFREY		.07																							.07
WING																							.05	.18	.23
13th																									
ALICIA												.51													.51
ALUM FORK				.03	.23	.14									.45	.01	.01	.01		.02					.90
ALY		.01																.02	.11	.15					.29
APPLETON		.40	.78	.17	.05	.05			.25	.45															2.15
AUGUSTA	*	*	*	*	*	*	1.58	*	*	*	*	*	*	*	*	*	.08								1.66
BATESVILLE L O 1										.16					.22										.38
BEAR CREEK LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BERRYVILLE						.03												.65							.68
BOTKINBURG								.30						.20	.05										.55
BRINKLEY //	.16		.14	.05	.20	.06		.08	.02	.02		.09	.06										.88		1.76
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLARKSVILLE			.30	.03	.02				.15																.50
CORNING				.01	.01						.05														.07
DANVILLE									.10	.09															.19
DUMAS 2																							.07		.07
FORREST CITY		.12	.12	.56	1.30	.12	.02																		2.24
FORT SMITH WB AIRPORT	.19	.17		.02																					.38
GILBERT												.63													.63
HARDY		.05	.12	.02	.01																				.20
HEBER SPRINGS 3SW	.01	.05		.01	.01	.20		.03	.02						.70				.05						1.08
HUNTSVILLE			.01																						.01
LITTLE ROCK WB AP		.01				.18	.37	.03		.05						.47									1.11
MARIANNA			.10	.43	.45	.67	.02		.15																1.82
MENA										.10	.15														.25
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT IDA 1	*	*	*	*	.45				.05																.50
NASHVILLE SCS											.16														.16
NORFORK OAM		.05																							.05
PINE BLUFF 3N						.10		.42	.28	.20											1.15	.05	.15	.40	2.75
PYATT				.01	.01								.01		.01										.04
SMITHVILLE	.02													.30	.05						.15				.52
STUTTGART 9ESE							.15	.15	.37	.10	.03						.07			.20	.28	.10			1.45
WALDRON	.25																		.04						.29
WHEELING	.05	.03	.01	.01																					.10
WING		.02																							.02
14th																									
ALY				.01	.01	.01		.02																.45	.50
ARKADELPHIA	.25	.07	.03																						.35
ATLANTA					.90	.80	.05																		1.75
BEAR CREEK LAKE														.05										.10	.15
CAMDEN 2			.85	.25	.25	.10	.05																		1.50
COMPTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAISY	.35	.02	.02												.15	1.20									1.74
DENVER						.02																			.02
DURHAM			.22	.01							.03														.26
HUTTIG OAM								.05	.05																.10
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAGNOLIA				.10	.40	.08																			.58

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MARIANNA								*	.20																.20
MONTICELLO				.05	.01																				.06
MOROBAY L O 8						.02		.20																	.22
NASHVILLE SCS			.55	.11	.01	.03			.05																.75
PINE BLUFF 3N															.70										.70
PRESCOTT SCS			.30	.40	.10																				.80
SMITHVILLE											.04														.04
WEST FORK		.05	.35																						.40
WINFREY			.53	.04	.01																				.58
15th																									
ALUM FORK						.13		.01	.01	.01								.25	.03						.44
ALY	.05				.01	.01		.02										.21							.30
APPLETON					.02	.10	.05																		.17
BERRYVILLE			.15	.07																					.22
BLUE MOUNTAIN DAM		.03	.02	.30	.50	.65											.02								1.52
BOONEVILLE				.10																					.10
BOTKINBURG						.05	.02																		.07
CARPENTER DAM								.04																	.04
CLARKSVILLE				.33	.05	.05																			.43
COMBS			.57	.06	.02																				.65
DANVILLE		.10	.10	.10	.05																				.35
DENVER				.32	.08																				.40
FORT SMITH WB AIRPORT				.06																					.06
GILBERT													.05												.05
HUNTSVILLE			.15	.05																					.20
HUTTIG DAM												.32													.32
LITTLE ROCK WB AP																		.01	.19						.20
MAUMEE						.03	.01																		.04
NIMROD DAM	*	*	*	*	*	*	.90																		.90
PARTHENON				.84	.10	.03																			.97
PYATT				.30	.09	.02																			.41
REMMEL DAM							.23																		.23
WEDINGTON LAKE	*	*	*	*	*	.44																			.44
16th																									
ALUM FORK																.19									.19
AUGUSTA															*	*	*	.46							.46
BATESVILLE L O 1															.18										.18
BEAR CREEK LAKE																		1.10							1.10
BLUE MOUNTAIN DAM														.22											.22
BOONEVILLE														.07	.03										.10
BRINKLEY //																	.40	.05	.01						.46
BULL SHOALS DAM														.27	.10										.37
CARPENTER DAM																	.22								.22
COMPTON													.16												.16
DENVER													.66	.02											.68
DUMAS 2													.10	1.60	.05		.02								1.77
HUNTSVILLE													.08												.08
HUTTIG DAM																	.40	.20	.02						.62
KINGSLAND					.22	.01		.01	.01																.25
LITTLE ROCK WB AP																		.03							.03
MARIANNA																		1.05							1.05
MAUMEE														.11	.02										.13
MONTICELLO															1.49	.29		.01	.01				.01		1.81
MOUNT IDA 1						.05																			.05
MOUNTAIN HOME															.25										.25
NIMROD DAM						*									.05										.05
NORFORK DAM															.30										.30
PARTHENON												.09	.16	.17					.02						.44
PYATT														.88											.88
REMMEL DAM																	.08								.08
WEDINGTON LAKE								*	*	*	.08														.08
WEST FORK									.05																.05
WHEELING																.23									.23
17th																									
ALY																	.72	.02							.74
BEAR CREEK LAKE																			.70	.05					.75
BRINKLEY //									.02	.01	.01														.04
BULL SHOALS DAM																							.05		.05
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORNING																				.70	.05			.10	.85
KINGSLAND															-	-	-	-	-	-	-	-	-	-	-
MAGNOLIA																			.30	.60	.02				.92
MENA																	.03	.17	.04						.24
MOROBAY L O 8																.05	.10	.03			.02	.01			.21
MOUNT IDA 1																		.10							.10
MOUNTAIN HOME																						.10	.10	.18	.38
NASHVILLE SCS																				.13	.06	.01			.20
NIMROD DAM																		.03							.03
NORFORK DAM																							.10	.28	.38
PRESCOTT SCS																				.02					.02
REMMEL DAM														.08	.95										1.03
STUTTGART 9ESE															.04										.04
TEXARKANA WB AP //																	.23	.40	.15						.78
WEST FORK												.09													.09
WHEELING																								.25	.25
WINFREY											.07	.01	.01												.09
WING																	.50	.20							.70
18th																									
ALICIA														.20	.01	.01	.01								.23
ALUM FORK														.71	.13	.01	.03	.02	.02						.92
ALY												.29	.47		.09	.01			.02						.88
APPLETON													.17												.17
ARKADELPHIA																	.10	.05							.15
ATLANTA													.02	.73	.03	.02									.80
AUGUSTA															*	*	*	*	*	*	*	*	*	*	*
BATESVILLE L O 1														.20											.20
BEAR CREEK LAKE																	.02		.02	.15	.03				.22
BERRYVILLE									.70	.30	.15	.07	.03												1.25
BLUE MOUNTAIN DAM													.02	.73	.03	.02									.80
BOONEVILLE													.13	.04											.17
BRINKLEY //																	*	*	*	*	.12				.12
BULL SHOALS DAM					1.45	1.40	.05																		2.90

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CAMDEN 2																		.10							.10
CARPENTER DAM																		.03						.02	.05
CORNING	1.67	.13																							1.80
DAISY																1.32	.02								1.34
DANVILLE														1.30	.12	.08									1.50
DENVER										.02	.10	.12	.01												.25
DUMAS 2																		.87	.20	.04	.02				1.13
DURHAM										.80	.15	.06													1.01
FORREST CITY																	1.40	.02	.02	.01	.04	.01			1.50
GILBERT					.59																				.59
HUNTSVILLE								.08	.02	.65	.69	.10	.02												1.56
LITTLE ROCK WB AP																	.06	.02	.02	.01					.11
MARIANNA																	.05	.05	.05	.15	.05				.35
MAUMEE					.43	.42																			.85
MENA														.04	.40										.44
MONTICELLO																			.66	.01					.67
MOUNT IDA 1															.37										.37
MOUNTAIN HOME						.05	.10																		.15
NASHVILLE SCS															.13	.03	.39								.55
NIMROD DAM													.05	.07	.08	.10									.30
PARTHENON						*	.10																		.10
PINE BLUFF 3N																.50	1.20	.07	.11	.05	.02				1.95
PRESCOTT SCS				.04	1.00	.01																			1.05
PYATT				.03	.37																				.40
REMMEL DAM																.17		.09	.07						.33
SMITHVILLE													.85												.85
STUTTGART 9ESE																	.40	.06	.14	.08					.68
WALDRON													.05	1.03	.02			.03							1.13
WEDINGTON LAKE									.40	.30	.10														.80
WEST FORK											.01	.07													.08
WHEELING	.05																								.05
WING														.07	.01	.09									.17
19th																									
ALICIA																	.25								.25
ALY								.02					.14												.16
ATLANTA																.03									.03
AUGUSTA	*	*	*	*	.38																				.38
BLUE MOUNTAIN DAM																.03									.03
BOONEVILLE																.04	.02	.01							.07
BULL SHOALS DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUMAS 2									.03																.03
MAUMEE														.14											.14
NORFORK DAM															.05										.05
SMITHVILLE																.15									.15
21st																									
CLARKSVILLE																.02	.05	.01	.01	.01					.10
MOUNTAIN HOME																						*	*	*	*
SMITHVILLE															.75	.10			.05						.90
22d																									
ALUM FORK																	.37	.07							.44
ALY																			.55						.55
AUGUSTA																*	*	*	*	*	*	*	*	*	*
BATESVILLE L D 1																.48	.02	.05							.55
BEAR CREEK LAKE																			.07						.07
BLUE MOUNTAIN DAM															.05	.02	.23			.01	.03	.01			.35
BOONEVILLE																		.13			.02	.02		.01	.18
BOTKINBURG																	.10	.18							.28
CANAAN																	.65								.65
CARPENTER DAM																				.11					.11
CORNING															.04	.02		.13	.31						.50
DANVILLE															.19	.01					.05	.05			.30
DURHAM															.40										.40
FORREST CITY																			.58						.58
FORT SMITH WB AIRPORT																				.02	.05	.02			.09
GILBERT																.05	.02								.07
HEBER SPRINGS 3SW																						.05			.05
LITTLE ROCK WB AP																		.15	.01						.16
MARIANNA																			.08	.01					.09
MAUMEE					.02											.32	.01								.35
MENA																				.24	.01				.25
MOUNT IDA 1																			.14	.01	.35				.50
MOUNTAIN HOME	*	*	.05																						.05
NIMROD DAM																.56	.12				.01	.03			.72
PARTHENON																.18									.18
REMMEL DAM																				.02					.02
WALDRON																.03		1.27	.15	.72		.01			2.18
WEDINGTON LAKE														.25											.25
WHEELING														.18											.18
WING																.68	.02		.02			.03		.03	.78
23d																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALUM FORK				.02	.04	.09		.02																	.17
ALY			.03	.02	.16	.02	.12	.05																	.40
AUGUSTA	*	*	.26																						.26
BLUE MOUNTAIN DAM		.50	.22	.10	.16	.07			.01	.03															1.09
BOONEVILLE		.57	.21	.08	.12	.05	.03	.03	.01																1.10
BRINKLEY						.10	.05	.01																	.16
CLARKSVILLE								.10	.05	.04	.01														.20
DANVILLE		.10	.10	.20	.10	.10	.50																		1.10
FORT SMITH WB AIRPORT		.02	.02	.02	.02																				.08
LITTLE ROCK WB AP						.06																			.06
MENA				.01	.01	.02																			.04
NIMROD DAM		.12	.70	.25	.05	.17	.07		.01			.01	.02												1.40
WALDRON				.14	.08	.20	.10	.03	.02		.03														.60
WING		.02	.55	.80	.15	.10																			1.62
24th																									
ALUM FORK																		.18							.18
ALY																.04	.01								.05
BLUE MOUNTAIN DAM					.05	.03										.53									.61
BOONEVILLE				.03	.12	.03	.04	.03							.20										.45
CANAAN															.12	.01	.02								.15

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
JULY 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
OANVILLE																.20									.20
FORT SMITH WB AIRPORT			.02	.01																					.03
GILBERT															.13										.13
HUTTIG OAM														.06											.06
MENA														.07	.02	.01									.10
NIMROO OAM						.02										.25	.15								.42
PRESCOTT SCS															.08										.08
REMMEL OAM																	.02								.02
STUTTGART 9ESE					.12	.01	.02																		.15
WALORON															.12										.12
WEST FORK							.05																		.05
WINFREY																			.05						.05
WING																.05									.05
25th																									
ALY								.03	.01			.01													.05
AUGUSTA																		*	*	*	.12				.12
HUTTIG OAM																.02									.02
KINGSLAND .	-	-	-	-	-	-	-	-	-	-	-	-	-	-											-
MONTICELLO															.36										.36
MOUNTAIN HOME																						.01	.02	.01	.04
RAVANA													.05	.08	.01										.14
WINFREY						.05			.01																.06
26th																									
ALUM FORK																	.06	.05							.11
APPLETON									.50	.16								.17	.01	.02					.86
BEAR CREEK LAKE																					.30	.84	.05	.03	1.22
BERRYVILLE					.20	.40	.32	.08	.35				.05												1.40
BLUE MOUNTAIN OAM								.02	.03	.01															.06
BOONEVILLE								.02	.03	.01	.02														.08
BRINKLEY //																					.30	.33	.05	.02	.70
CAMOEN 2																				.10					.10
CANAAN								.10	.25																.35
COMBS							.35	.15	.15	.05	.05														.75
COMPTON						.10	.40	.30	.10					.02											.92
OANVILLE									.42	.03															.45
OENVER					.05	.11	.28	.20	.28	.14	.04														1.10
OURHAM						.10	.25	.15	.06	.05															.61
FORREST CITY																						.74	.02		.76
FORT SMITH WB AIRPORT						.09	.02		.12	.02	.01														.26
GILBERT								.20	.29	.01	.01		.01												.52
HUNTSVILLE					.03	.15	.30	.37	.07																.92
HUTTIG OAM		.02																							.02
KINGSLAND					.01	- 6	.55														.05	.01		.68	1.86
LITTLE ROCK WB AP																			.29	.02		.02			.33
MARIANNA																					1.55	.38	.02	.03	1.98
MAUMEE								.15	.35	.05															.55
MONTICELLO																								.04	.04
MOUNTAIN HOME						.04	.01	.04	.16																.25
NORFORK OAM									.19	.02															.21
PARTHENON							.50	.33	.12	.03															.98
PINE BLUFF 3N																			.15	.25		.58	.02		1.00
PYATT							.10	.40	.05	.10															.65
STUTTGART 9ESE																			*	*	*	*	*	*	*
TEXARKANA WB AP //																								.58	.58
WALORON										.06															.06
WEOINGTON LAKE						.55	.45	.28		.01															1.29
WEST FORK					.10	.25	.10	.12	.05																.62
WINFREY						.09	.08	.08	.04	.01	.03	.02													.35
WING			.04	.06																					.10
27th																									
ALUM FORK				.23	.07																				.30
ARKAOELPHIA				.01	.20			.75	.09	.01	.80	.01	.02												1.89
BATESVILLE L O 1																		.01							.01
BEAR CREEK LAKE	.01			.06	.04																				.11
BLUE MOUNTAIN OAM			.12																						.12
BOTKINBURG									.07																.07
BRINKLEY //							.05																		.05
CAMOEN 2									.50	.05	.10														.65
CARPENTER OAM					.12	1.11	:05																		1.28
COMBS																		.80	1.05						1.85
OAISY				.05																					.05
OENVER															.04	.06		.04							.14
OUMAS 2														.17	.02										.19
OURHAM																	.08	.07	.03						.18
FOREMAN						*	*	.30																	.30
FORT SMITH WB AIRPORT																.02									.02
GILBERT																.55	.03	.02							.60
HEBER SPRINGS 3SW																			.12	.01					.13
HUTTIG OAM			.10	.05							.25	.15													.55
KINGSLANO									.05																.05
LITTLE ROCK WB AP					.01	.23															.23	.01			.48
MARIANNA	.01	.01		.01	.13																				.16
MAUMEE																.30	.12	.01							.43
MONTICELLO	.14	.23	.05	.04	.01			.05	.10	.05	.02														.69
MONTROSE	-	-	-	-	-	-	-			.10	.10			.20											-
MOROBAY L O 8										.10	.10	.06	.02												.28
MOUNT IOA 1															.10										.10
NASHVILLE SCS									.05	.03	.02	.04				.03									.17
NIMROO OAM			.43	.03	.01																				.47
PARTHENON															.10	1.90	.05			.05					2.10
PINE BLUFF 3N			.01	.04	.05																				.10
PYATT															.03	.05									.08
RAVANA							.23	.47	.14	.26	.13	.01	.11	.10											1.45
REMMEL OAM				.30	.44	.01		.02	.33	.31	.11	.03													1.55
STUTTGART 9ESE	*	*	*	*	*	*	1.34																		1.34
TEXARKANA WB AP //				.01	.02	,05	.02	.04	.05	.06	.05	.05	.04	.01											.40
WEOINGTON LAKE																		.10							.10
WEST FORK																		.28	.61						.89
28th																									
BEAR CREEK LAKE																					.16	.30	.60	.05	1.11
OANVILLE														.01											.01

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DUMAS 2																					.05	.05		1.08	1.18
HUTTIG DAM																		.05							.05
KINGSLAND			.05																						.05
MENA														.64	.01										.65
STUTTGART 9ESE															.17	.01									.18
													29th												
DUMAS 2	.14	.03	.03	.42	.49	.06	.82		.08																2.07
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINFREY																		.48	.04						.52
													30th												
BRINKLEY //																				.33	.03			.01	.37
CANAAN													.10												.10
DANVILLE																								.03	.03
MARIANNA																						.10	.20		.30
SMITHVILLE																1.65	.57								2.22
STUTTGART 9ESE																					.09	.01			.10
WHEELING															.20	.10									.30
													31st												
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEEBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLUE MOUNTAIN DAM			.02																						.02
BULL SHOALS DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOREMAN							.03	.07	.18	.20	.01														.49
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINGSLAND										.05															.05
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITTLE ROCK WB AP																			.01						.01
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAVANA									.01	.19															.20

TABLE 5

DAILY TEMPERATURES (° FAHRENHEIT)

ARKANSAS
JULY 1948

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX	87	88	91	90	84	87	93	94	92	92	95	90	90	94	94	94	95	91	93	93	94	96	88	87	97	92	90	93	92	95	89	91.6
	MIN	62	60	63	68	67	67	72	74	68	67	70	70	70	71	70	70	67	67	67	72	75	72	69	70	70	71	71	70	70	71	71	69.1
ARKAOELPHIA	MAX	93	90	92	96	83	90	93	97	96	97	97	94	93	96	95	98	100	100	97	96	99	99	100	100	97	102	100	91	95	95	98	95.8
	MIN	68	60	66	68	72	68	70	69	68	71	70	70	71	70	71	72	71	68	69	71	74	71	71	74	73	73	73	70	72	70	75	70.3
ASHOOWN	MAX	89	90	91	87	93	94	98	96	96	95	90	92	94	97	97	98	98	96	96	97	100	96	97	95	100	97	84	93	94	94	86	94.2
	MIN	56	66	67	70	65	70	65	64	64	65	68	70	69	69	69	70	67	66	71	73	80	71	75	68	71	71	68	70	68	72	60	68.3
BATESVILLE AIRWAY	MAX	82	86	92	85	90	85	96	89	90	88	90	85	89	92	92	94	95	92	94	93	94	93	82	85	93	88	94	94	95	94	87	90.3
	MIN	54	57	64	70	70	67	70	67	64	72	69	72	72	72	73	71	71	69	67	74	74	71	69	65	67	73	70	66	72	72	63	68.6
BATESVILLE LIVESTCK	MAX	89	83	86	83	85		88	97	89	90	89	90	89	88	94	94	92	95	94	93	95	94	90	80	90	93	89	94	94	94	94	90.5
	MIN	52	52	60	67	68	63	70	64	60	68	64	68	69	70	70	67	68	69	65	71	72	69	67	62	62	71	67	62	68	69	60	65.6
BEE BRANCH	MAX	85	83	90	85	90	86	96	93	93	93	88	86	88	94	94	93	94	92	91	91	93	93	85	87	93	89	92	93	92	94	91	90.5
	MIN	56	57	60	70	70	64	72	69	63	68	67	70	71	71	72	71	69	69	65	70	71	70	71	67	70	69	70	65	70	68	69	67.9
BENTON	MAX	90	90	91	91	94	94	89	94	93	92	94	93	90	95	95	94	94	95	95	92	93	93	95	90	90	98	95	91	95	94	96	93.1
	MIN	66	65	64	65	66	62	69	68	63	70	68	67	72	71	70	69	68	68	66	72	72	70	73	73	69	70	71	70	69	66	73	68.5
BENTONVILLE	MAX	85	87	85	78	83	90	89	97	94	92	89	87	85	90	94	85	85	92	87	92	91	92	81	84	91	92	87	94	92	88	83	88.4
	MIN	57	59	62	66	69	67	66	65	66	65	68	67	67	66	64	63	68	62	63	69	72	72	67	63	68	63	64	66	71	68	57	65.5
BETHESOA	MAX	86	82	84	90	82	90	87	95	87	81	86	79	85	87	91	92	87	92	89	93	92	93	93	80	92	92	92	93	93	93	93	88.7
	MIN	52	51	59	66	68	64	68	65	60	68	64	67	68	69	69	66	67	67	64	70	70	68	66	62	63	70	62	60	68	67	62	64.8
BLYTHEVILLE	MAX	92	85	90	95	96	92	92	98	92	94	93	92	92	85	92	93	94	96	90	91	94	95	95	82	86	90	90	95	94	95	98	92.2
	MIN	61	60	67	75	75	72	74	69	70	72	69	73	71	75	75	74	71	71	68	72	76	76	72	62	64	74	74	76	74	75	70	71.2
BOONEVILLE	MAX	89	86	81	84	89	92	93	95	94	90	92	92	95	96	95	95	95	91	95	94	96	99	87	90	96	93	93	95	90	93	92	92.2
	MIN	59	57	65	70	70	66	69	70	67	70	71	71	73	71	71	72	71	70	69	71	75	72	70	72	72	74	76	69	74	71	71	70.0
BRINKLEY	MAX	86	88	95	95	92	94	97	94	95	92	94	93	90	94	93	95	95	94	95	94	93	95	91	88	94	91	91	95	95	97	89	93.0
	MIN	60	57	72	72	73	67	68	69	65	70	70	72	70	70	74	73	70	72	60	75	74	73	71	69	69	72	71	73	73	73	70	69.9
CAMOEN 1	MAX	93	91	96	98	85	95	95	98	98	98	99	92	93	95	94	96	96	101	95	95	94	96	96	99	97	99	99	89	98	98	97	95.6
	MIN	69	59	68	70	70	69	71	70	66	70	71	72	74	71	71	73	72	70	70	75	76	76	73	76	73	77	74	72	73	74	75	71.6
CAMP CHAFFEE	MAX	81	88	87		80	89	92	93	94	94	93	92	92	94	96	92	95		97	96	96	99	97	86	93	98	90	97	96	94		92.5
	MIN	62	61	58		72	68	72	70	69	69	72	72	74	73	70	73	64		69	72	73	73	71	72	71	75	75	70	74	72		70.2
CONWAY	MAX	86	88	93	81	92	84	97	94	94	94	93	91	92	96	90	95	94	93	95	95	96	95	90	90	96	90	95	95	95	98	93	92.6
	MIN	58	57	64	69	68	66	70	69	63	63	69	69	70	70	71	70	68	69	67	73	73	72	69	69	69	71	70	67	71	69	71	68.2
CORNING	MAX	88	83	89	93	91	94	90	96	90	93	91	92	92	87	94	93	95	97	89	90	94	94	93	83	85	91	84	94	94	95	94	91.2
	MIN	58	57	62	72	73	72	72	70	66	72	67	71	72	71	73	70	71	67	70	72	76	76	71	61	63	74	72	71	75	74	64	69.5
CROSSETT	MAX	88	91	94	97	97	96	95	97	95	94	93	95	96	95	95	99	93	96	97	98	98	99	97	95	102	102	92	95	98	98	92	95.8
	MIN	65	62	68	69	72	69	68	72	66	69	67	72	73	73	73	73	73	69	69	72	72	73	70	74	74	75	72	71	71	77	74	70.9
CUMMINS FARM	MAX	85	88	94	95	96	95	98	95	94	93	95	92	95	91	98	95	94	92	93	93	93	94	91	90	94	96	88	94	94	95	88	93.2
	MIN	67	60	67	69	74	67	68	70	66	69	67	69	72	69	70	68	69	69	66	73	73	72	71	72	70	71	67	71	70	70	74	69.4
OANVILLE	MAX																																
	MIN																																
OAROANELLE	MAX	83	87	86	86	81	92	89	95	94	97	93	91	87	94	88	90	92	96	92	94	95	95	95	86	91	97	88	93	95	93	92	91.2
	MIN	61	60	60	63	69	68	68	68	68	68	69	73	73	73	72	72	72	72	70	70	71	74	72	72	72	72	73	70	73	72	72	69.7
OE QUEEN	MAX	88	87	86	85	90	89	84	93	94	91	87	89	91	94	94	95	96	89	93	93	93	95	95	92	97	95	89	94	93	97	92	91.6
	MIN	69	62	64	69	69	69	71	70	68	69	68	70	73	70	73	73	72	69	69	72	74	73	74	75	72	74	77	71	72	70	74	70.8
OES ARC	MAX	89	83	86	98	92	91	89	96	91	93	90	91	93	90	94	93	96	95	93	94	95	94	95	91	88	94	91	92	94	95	96	92.3
	MIN	67	60	62	68	73	67	68	70	66	71	71	71	72	70	75	74	71	72	68	73	75	74	72	69	69	72	71	72	74	73	71	70.4
OEVILS KNOB	MAX	80	76	79	78	80	83	85	86	88	85	83	81	85	87	86	88	86	89	93	95	97	96	89	88	90	84	87	93	92	90	93	86.8
	MIN	64	61	60	62	63	61	60	62	64	67	62	63	65	66	67	65	64	66	65	66	67	64	57	62	64	65	67	66	68	65	64	63.9
OUMAS 1	MAX	87	80	90	85	98	91	98	85	85	92	97	81	84	94	101	99	96	96	95	97	96	97	95	94	96	98	97	95	96	97	88	92.9
	MIN	68	59	72	68	75	69	70	71	61	71	70	70	74	72	74	72	73	70	70	75	74	75	74	73	72	73	70	72	73	73	76	71.3
EL OORAOO	MAX	93	93	95	100	97	98	95	97	100	100	101	93	96	97	95	100	100	101	99	100	98	100	103	102	102	104	104	90	100	102	102	98.6
	MIN	67	62	61	70	73	68	69	71	68	72	72	71	71	68	69	71	73	71	71	75	75	74	74	78	74	72	75	73	74	73	72	71.2
EUREKA SPRINGS	MAX	85	83	82	80	88	89	91	90	89	87	84	83	88	92	88	88	90	87	91	90	91	86	81	89	92	89	94	92	89	83	84	87.6
	MIN	59	60	63	64	67	64	70	68	68	65	68	68	68	69	67	65	72	65	69	74	76	75	68	64	74	65	70	66	73	70	60	67.5
FAYETTEVILLE	MAX	87	83	81	85	89	89	90	90	90	87	86	84	89	92	87	87	91	87	90	90	92	88	82	89	93	88	93	92	89	83	86	88.0
	MIN	56	60	65	69	68	64	68	68	66	67	71	71	70	68	67	65	71	66	70	73	75	74	70	68	72	66	71	68	74	72	61	68.2
FAYETTEVILLE EX S	MAX	85	84	82	83	91	90	90	89	89	87	85	83	89	94	91	89	91	89	90	89	90	89	83	90	92	88	94	92	87	85	84	88.2
	MIN	57	59	64	56	66	63	67	67	64	65	70	70	69	67	65	64	70	65	68	73	75	74	69	66	73	65	71	67	73	72	59	66.9
FOROYCE	MAX	90	92	97	98	97	98	99	100	100	99	94	96	100	94	101	100	99	95	96	97	97	100	98	100	99	100	90	97	98	97	95	97.2
	MIN					70	68	70	70	67	73	69	70	74	69	72	72	71	65	70	69	74	75	72	76	74	78	72	75	63	74	74	71.3
FORT SMITH WB AIRPORT	MAX	87	83	78	85	86	92	92	93	93	92	91	90	93	96	91	95	96	88	96	96	98	96	84	91	99	89	97	96	96	89	92	91.6
	MIN	62	63	67	72	69	68	70	70	72	70	73	73	75	73	72	73	72	72	70	73	77	74	72	73	72	73	75	70	75	73	68	71.3
GILBERT	MAX	89	87	86	88	84	91	92	97	93	92	93	90	88	89	95	90	92	94	84	95	93	94	95	83	88	94	90	95	94	93	91	90.9
	MIN	56	55	58	62	64	63	66	63	65	62	65	67	68	69	69	67	65	66	63	67	68	67	68	65	66	69	65	62	66	64	59	64.5
GRANNIS	MAX	88	85	86	84	91	93	85	92	91	91	92	87	90	92	92	93	93	90	91	90	91	92	89	91	94	92	89	92	90	94	90	90.3
	MIN	59	63	58	59	66	66	67	67	69	65	68	68	68	70	70	69	67	66	69	71	69	70	72	71	71	72	68	69	67	73	61	67.4
GRAVETTE	MAX	86	85	80	82	88	89	93	92	90	85	86	84	89	93	90	86	91	89	91	89	90	89	89	89	91	88	95	92	89	87	87	88.5
	MIN	58	61	63	69	66	61	67	67	66	67	69	69	67	68	66	62	70	65	69	73	74	72	67	64	72	64	72	68	74	71	58	67.1
GREEN MOUNTAIN	MAX	84	82	82	80	89	91	98	94	91	87	86	84	89	86	81	84	84	82	84	89	89	85	80	78	79	77	82	89	72	78	80	84.4
	MIN	62	60	66	60	62	64	67	70	63	68	63	64	74	70	72	69	69	70	64	74	72	71	68	66	68	66	68	73	70	67	68	67.4
HARRISON	MAX	84	82	85	80	88	90	94	90	90	90	82	85	90	92	90	92	92	86	92	92	93	92	92	91	92	89	94	94	90	87	85	89.2
	MIN	54	53	59	67	62	62	67	64	64	60	65	66	67	67	67	63	68	65	65	69	70	71	68	69	64	64	68	62	69	67	58	64.6

See Reference Notes Following Station Index

ARKANSAS
JULY 1948

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HARRISON AIRWAY	MAX	83	81	83	80	85	88	90	88	T87	88	85	85	88	90	86	87	94	83	88	91	92	88	81	85	93	85	91	90	90	85	84	86.9
	MIN	55	55	61	68	64	63	67	66	66	63	66	69	70	69	70	65	70	67	67	70	70	72	69	66	70	66	66	64	70	68	61	66.2
HELENA	MAX	92	85	91	94	94	94	95	98	95	95	93	94	90	89	89	92	95	93	92	94	93	92	93	91	89	95	92	90	93	93	95	92.6
	MIN	69	64	66	70	76	74	72	73	70	73	72	74	74	71	75	76	74	75	71	72	78	77	73	72	72	73	73	73	76	76	76	72.9
HOPE	MAX	91	89	89	93	89	92	93	93	95	96	97	91	93	95	95	96	96	97	94	95	95	97	97	97	94	100	96	88	97	96	97	94.3
	MIN	69	60	67	69	71	67	70	71	68	69	69	71	74	67	69	75	73	70	68	73	75	75	72	75	72	72	75	72	74	73	76	71.
HOT SPRINGS	MAX	94	92	92	89	87	90	87	97	97	96	96	93	90	93	96	97	100	94	92	96	98	96	97	92	93	102	97	92	96	98	98	94.4
	MIN	66	61	63	68	73	66	66	72	68	68	71	70	72	72	73	71	71	72	69	70	75	75	70	72	73	73	73	71	74	74	74	70.5
JONESBORO	MAX	81	89	92	93	93	87	97	89	92	89	90	89	88	92	92	95	94	93	94	93	93	93	82	85	93	85	95	94	95	95	85	90.9
	MIN	63	59	62	68	73	70	71	71	68	69	67	73	71	72	72	73	71	72	68	72	75	75	71	63	64	69	71	72	72	74	66	69.6
KEO	MAX	84	89	94	90	94	91	96	94	94	92	88	93	92	94	95	97	96	93	94	94	94	95	92	89	97	94	92	95	96	96	89	93.0
	MIN	62	58	65	71	70	65	69	68	64	71	68	70	72	72	72	68	70	71	69	74	74	72	72	72	71	72	72	72	71	70	70	69.6
LEAD HILL	MAX	85	86	89	82	90	92	95	92	91	92	90	85	91	94	90	93	94	84	90	92	95	91	86	89	95	90	94	93	92	91	88	90.4
	MIN	54	53	61	69	63	65	67	65	65	62	65	69	70	68	69	62	69	68	66	70	69	72	70	63	71	66	69	63	71	67	68	66.1
LITTLE ROCK WB AP	MAX	83	86	91	85	93	87	96	94	92	93	88	92	91	95	95	94	93	92	95	95	94	96	89	87	98	94	91	92	95	97	90	92.0
	MIN	66	63	69	74	70	69	73	74	72	73	72	71	71	74	74	73	72	71	69	76	76	73	72	73	73	75	73	74	74	73	73	72.1
LUTHERVILLE	MAX	84	84	82	82	87	91	94	93	90	90	89	86	90	93	87	91	92	90	92	92	93	91	85	90	94	87	93	93	93	90	88	89.5
	MIN	61	58	63	69	67	63	69	67	67	67	70	69	69	69	69	70	68	68	69	71	72	72	69	67	68	67	68	65	67	62	69	67.4
MALVERN	MAX	95	90	92	96	90	99	95	97	98	96	97	96	92	95	96	98	101	99	96	97	95	96	97	95	98	100	96	92	96	95	97	95.9
	MIN	66	61	66	71	72	66	71	70	69	71	70	70	74	72	71	71	70	68	68	74	74	72	70	73	72	72	68	71	71	70	75	70.3
MAGNOLIA	MAX	92	95	98	88	95	98	99	100	100	98	98	96	99	95	99	100	100	95	98	97	99	100	101	99	105	102	98	100	100	101	91	97.9
	MIN	68	63	70	70	70	69	69	69	68	70	71	71	70	70	73	74	72	70	71	73	73	72	72	75	73	73	78	78	75	72	75	71.5
MAMMOTH SPRING	MAX	82	86	90	89	91	91	91	97	90	92	90	89	90	90	94	92	91	95	89	90	94	95	90	87	82	94	88	95	95	96	92	90.9
	MIN	52	54	58	59	62	67	68	65	60	67	65	66	69	68	68	65	65	68	67	67	69	69	66	60	64	70	64	64	67	72	58	64.6
MARIANNA	MAX	83	90	94	96	95	93	97	93	92	92	92	90	88	92	92	94	94	92	92	91	90	91	89	87	92	92	90	92	94	93	85	91.5
	MIN	63	59	64	70	73	69	65	70	65	69	69	71	69	72	68	74	70	72	69	75	75	72	72	69	67	74	67	73	72	72	74	69.8
MARKEO TREE	MAX	90	95	91	95	97	96	90	97	93	93	93	95	89	88	93	93	95	96	94	95	95	94	94	85	90	92	89	96	94	97	98	93.3
	MIN	61	59	61	70	72	69	69	69	66	69	66	71	69	71	72	73	70	72	69	71	74	73	70	63	66	71	71	73	64	66	69	68.7
MARSHALL	MAX	80	83	85	78	89	88	93	90	90	89	87	85	88	90	90	85	93	89	93	91	91	91	80	85	91	86	87	91	90	87	84	87.7
	MIN	54	54	54	68	68	63	70	65	61	67	66	70	63	68	69	67	71	70	69	76	75	71	68	68	72	67	68	62	74	72	60	66.8
MENA	MAX	90	87	87	83	93	90	84	94	92	90	90	89	92	95	94	95	96	91	94	93	93	94	89	89	96	93	92	95	91	93	92	91.5
	MIN	66	59	67	68	68	66	69	67	66	69	67	69	72	72	73	71	70	69	67	73	74	73	70	73	70	75	74	70	72	72	74	69.8
MONTICELLO	MAX	88	92	95	96	98	96	98	99	97	96	96	93	95	93	99	98	95	94	95	95	95	96	96	94	97	96	96	95	95	96	88	95.2
	MIN	68	65	73	71	70	69	70	75	70	71	69	71	73	72	73	71	71	70	69	75	74	74	73	74	74	74	71	69	73	73	70	71.5
MORRILTON	MAX	93	87	90	94	81	94	88	98	94	95	94	92	92	94	97	90	99	99	94	96	96	97	97	91	92	97	87	96	96	97	96	93.6
	MIN	61	60	64	70	72	67	69	73	66	70	74	72	73	72	73	71	70	74	68	72	74	62	70	71	70	72	71	68	72	72	72	69.8
MOUNT IOA 1	MAX	93	90	87	89	86	91	92	94	92	93	90	90	95	94	95	96	94	93	96	93	94	95	96	97	98	96	93	96	96	99	95	93.5
	MIN	62	53	62	68	68	65	72	62	64	62	62	64	70	66	68	69	70	66	68	70	74	70	69	70	72	71	73	72	68	65	62	67.0
MOUNTAIN HOME	MAX	82	83	87	79	88	89	95	89	89	86	87	87	90	91	89	90	92	84	89	93	93	90	83	85	84	85	93	92	92	89	85	88.1
	MIN	56	54	63	69	66	67	70	66	62	68	68	69	69	69	72	64	67	66	67	71	71	71	68	65	68	67	69	64	70	65	61	66.5
NASHVILLE	MAX	92	89	91	90	87	96	94	93	96	97	97	92	91	93	95	95	96	96	93	94	94	95	97	94	95	101	98	89	95	95		94.0
	MIN	72	61	62	71	72	70	71	69	70	71	68	70	71	69	71	73	72	70	69	72	74	74	74	75	73	72	77	71	71	68		70.8
NEWPORT	MAX	85	90	97	92	92	88	101	94	94	93	94	91	93	96	94	96	96	93	95	97	94	95	85	87	94	91	96	95	95	98	90	93.3
	MIN	63	61	63	68	73	69	71	70	68	70	70	73	73	74	75	74	70	72	69	70	75	75	72	66	68	70	73	72	73	73	70	70.4
NIMROO OAM	MAX	92	87	87	89	79	92	86	91	92	93	94	89	87	89	95	92	96	99	95	97	100	92	96	92	90	94	89	88	94	91	94	91.6
	MIN	57	56	62	71	69	67	69	68	64	65	69	70	70	72	68	70	69	69	66	74	73	71	67	70	68	72	71	68	72	68	71	68.3
NORFORK OAM	MAX	89	85	86	88	82	92	92	98	96	93	89	91	88	89	95	91	94	95	85	93	96	95	93	84	88	95	89	95	95	96	94	91.3
	MIN	55	53	60	66	66	66	69	65	61	66	67	68	71	68	71	65	66	69	66	70	70	70	67	64	67	72	68	64	69	67	65	66.2
OOEN	MAX	86	89	89	90	93	94	90	87	88								88	92	91	94	95	98	97									
	MIN	64	65	74	72	67	64	65	68	71								75	74	73	71	70	70	68									
OKAY	MAX	92	91	92	93	95	95	95	96	98	97	97	92	95	97	97	98	98	98	97	96	97	98	96	97	101	99	92	95	95	96	91	95.7
	MIN	65	59	69	70	69	69	69	69	68	69	69	71.	71	71	73	74	73	71	69	74	76	76	75	75	73	76	73	71	75	71	75	71.2
OZARK	MAX	90	85	85	80	84	90	92	93	92	92	92	91	91	91	95	92	92	95	91	92	95	97	94	84	90	96	87	95	93	92	92	91.0
	MIN	60	60	64	68	71	67	69	71	69	69	68	73	73	72	70	70	73	72	70	72	74	73	72	72	72	72	72	69	71	73	68	70.0
PARAGOULO	MAX	85	92	94	95	93	91	97	96	95	95	95	92	89	91	94	93	96	94	96	93	92	94	82	86	90	90	95	94	95	96	85	92.4
	MIN	58	55	69	70	71	69	68	69	65	69	64	63	60	71	71	70	70	66	71	70	79	72	69	61	61	72	70	70	70	69	64	67.6
PERRYVILLE	MAX	85	86																														
	MIN	62	62	63	63	57	58	62	71	78	73	60	71	61	67	65	67	71	69	66	73	70	70	68	67	69	68	72	68	67	68	73	67.1
PINE BLUFF	MAX	91	87	90	97	92	97	94	100	99	97	96	94	93	94	92	98	97	99	95	96	97	95	96	93	91	99	95	92	96	96	97	95.0
	MIN	65	64	68	74	76	70	73	74	70	73	72	72	73	72	73	76	72	74	70	72	74	75	75	75	70	74	72	73	74	75	76	72.5
POCAHONTAS 1	MAX	85	89	92	91	93	89	99	91	92	92	92	91	90	92	93	94	96	92	94	93	95	93	86	85	93	89	94	95	96	94	90	91.9
	MIN	60	56	64	72	73	70	72	71	67	70	67	70	73	71	72	70	70	73	69	70	74	74	70	62	82	74	70	68	73	72	65	69.8
PORTLANO	MAX	92	89	90	94	92	97	92	97	99	97	97	95	92	92	94	95	97	93	95	96	97	99	97	100	97	100	100	96	96	96	99	95.5
	MIN	68	64	65	70	74	71	69	70	69	69	70	73	72	72	74	73	72	71	69	72	73	74	72	73	74	73	74	70	71	72	73	71.2
PRESCOTT	MAX	93	90	91	93	86	92	94	95	98	98	98	91	93	95	96	97	98	98	95	97	96	97	99	98	94	100	98	91	97	99	99	95.4
	MIN	69	60	63	69	68	68	69	71	69	69	69	68	73	67	69	72	71	68	67	67	73	74	72	73	71	71	74	70	72	71	72	69.6
ROGERS	MAX	86	84	78	83	90	88	91	92	90	87	86	85	88	91	85	89	90	86	90	91	91	87	83	89	92	88	94	92	89	83	85	87.8
	MIN	55	56	63	68	65	63	68	65	67	64	67	68	67	68	65	63	69	64	68	66	72	72	67	65	70	65	70	65	72	69	58	65.9
RUSSELLVILLE	MAX	85	85	86	82	90	90	95	94	93	92	90	87	94	96	95	93	95	91	94	96	96	95	86	89	97	92	94	96	93	92	92	91.8
	MIN	60	58	64	72	70	67	73	69	66	68	71	73	72	73	72	72	70	72	68	72	75	69	70	72	70	73	74	68	74	70	72	70.0

See Reference Notes Following Station Index

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

ARKANSAS
JULY 1948

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MEAN
SAINT CHARLES	MAX	88	86	95	95	96	87	84	96	84										93	93	92	93	91	89	95	92	89	93	94	95	87	91.2
	MIN	60	66	72	74	69	70	71	68	70	71	73	72	71	75	74	72	69	68	75	75	75	72	70	70	74	71	73	73	73	74	63	71.1
SEARCY	MAX	84	88	95	87	90	85	98	94	93	94	93	93	91	93	92	96	97	93	96	96	96	97	89	90	97	90	95	98	99	99	92	93.2
	MIN	60	59	65	72	73	67	71	72	68	72	71	70	72	73	74	73	72	73	69	74	75	74	73	69	70	72	72	70	73	72	71	70.7
SHERIOAN	MAX	83	88	93	85	93	91	95	94	93	92	89	91	92	95	95	96	95	94	94	95	94	95	90	89	98	92	90	96	96	97		92.7
	MIN	66	53	63	68	66	63	68	66	62	66	67	68	67	71	69	69	68	69	65	76	71	70	69	70	69	68	68	69	69	70		67.4
SILOAM SPRINGS	MAX	86	83	80	83	89	89	92	91	91	85	87	84	90	92	86	86	92	88	90	90	92	88	83	90	93	88	94	92	89	83	85	88.1
	MIN	58	60	63	69	66	63	67	66	66	67	69	70	69	68	66	66	70	67	67	74	75	75	69	66						73	58	67.2
STUTTGART	MAX	85	85	90	86	92	90	92	91	90	91	91	90	88	90	91	92	92	90	90	91	91	91	87	85	92	92	87	92	91	93	93	90.0
	MIN	63	67	71	71	70	71	73	70	72	75	73	72	72	76	73	73	74	70	72	76	75	74	71	72	74	72	72	75	74	75	75	72.4
STUTTGART 9ESE	MAX	88	82	87	93	93	93	92	95	93	91	91	92	90	89	93	92	92	93	92	91	94	92	94	89	87	94	91	87	92	92	93	91.2
	MIN	67	64	68	73	75	70	71	72	69	71	70	72	72	72	75	75	72	73	70	73	75	73	74	69	71	74	71	73	73	73	74	71.7
SUBIACO	MAX	84	80	80	81	86	88	88	89	88	89	91	88	90	92	90	91	91	91	92	95	95	89	83	88	95	90	91	92	91	90	91	89.0
	MIN																																
TEXARKANA WB AIRPORT	MAX	90	91	92	90	93	94	89	96	96	94	87	93	95	96	97	97	97	95	96	95	96	98	96	94	100	96	82	93	95	94	87	93.7
	MIN	69	63	71	71	70	69	73	75	72	69	70	72	76	74	76	76	74	73	74	75	76	75	76	76	77	76	73	74	75	73	70	73.0
TURNPIKE	MAX	79	77	79	76	83	83	88	86	84	85	84	77	82	82	83	85	87	80	86	85	85	87	85	81	86	83	86	86	85	84	81	83.2
	MIN	60		65	67	65	51	59	64	63	65			57			69	67	66	66	69		59	53	53	56	63	65		57	63		
WALORON	MAX	89	87	85	85	92	92	89	94	93	90	93	90	93	96	95	96	99	94	96	93	95	98	86	92	97	94	92	96	96	94	91	92.6
	MIN	57	55	63	69	68	66	68	68	65	66	66	70	70	70	72	70	69	68	66	70	74	70	68	71	69	71	71	70	72	68	72	68.1
WARREN	MAX	88	92	94	96	94	96	98	98	97	98	94	93	95	93	95	97	96	96	94	96	97	97	96	96	96	94	94	91	97	96	91	95.0
	MIN	67	71	71	72	73	71	71	71	72	71	73	70	71	70	73	77	73	74	70	73	72	75	73	76	77	73	74	64	73	71	68	71.9
WHITE ROCK	MAX	81	78	72	75	84	85	86	86	86	82	82	79	86	89	84	86	88	83	89	85	87	86	79	83	85	83	87	86	83	83	84	83.6
	MIN	64	60	64	66	67	65	72	65	68	68	68	68	70	69	64	70	69	67	68	70	70	67	68	66	69	65	67	64	72	73	65	67.4
WYNNE	MAX	83	89	95	94	95	88	97	92	93	90	92	89	87	92	91	94	94	92	92	92	91	92	84	86	93	89	92	94	94	95	86	91.2
	MIN	63	62	68	73	75	70	68	72	67	71	71	73	71	72	74	73	70	73	69	77	76	71	70	66	68	73	72	73	73	74	71	70.9

See Reference Notes Following Station Index

TABLE 6

ARKANSAS
JULY 1948

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	DEPARTURE FROM NORMAL
BETHESDA	EVAP	.202	.162	.216	.034	.290	.226	.062	.442	.330	.174	.346	.240	.124	.102	.322	.206	.132	.226	.009	.335	.346	.354	.280	.234	.268	.244	.120	.142	.312	.224	.270	6.974	
	WIND	29	10	16	20	3	4	26	37	58	-	-	16	19	24	6	20	12	28	25	15	43	54	40	14	55	22	13	15	17	21	43	-	
HOPE	EVAP	.165	.399	.206	.165	.105	.235	•	.483	.311	.286	•	.327	.278	.424	.189	.288	.242	•	.439	.226	.287	.281	.302	.237	.220	.340	.232	.159	.257	.296	.196	7.575	
	WIND	16	45	8	21	30	13	•	66	26	55	•	28	40	61	26	20	11	•	66	31	32	41	40	34	12	36	23	24	20	25	31	881	
NIMROD DAM	EVAP	.292	.278	.300	.142	.007	.142	.176	.210	.304	.269	.221	.156	.246	.550	.156	.110	.190	.278	.162	.254	.316	.316	.208	.106	.260	.268	.204	.218	.218	.178	.224	6.959	
	WIND	31	17	12	10	10	6	15	11	8	10	20	37	3	51	12	7	30	10	10	15	34	41	38	2	20	5	10	8	20	12	15	530	
NORFORK DAM	EVAP	.242	.270	.226	.090	-	.258	.157	.267	.279	.271	.210	.240	.104	.136	.245	.214	-	.241	.231	.196	.278	.330	.172	.430	.289	.119	.207	.272	.284	.209	-	7.160	
	WIND	27	26	31	23	27	17	22	35	27	28	17	32	32	17	23	10	29	48	20	16	40	48	26	71	44	32	3	22	34	11	--	-	
STUTTGART 9 MI. ESE	EVAP	.219	.241	.180	.281	.216	.138	.228	.252	.254	.207	.235	.198	.200	.189	.130	.201	.165	.196	.211	.212	.281	.201	.280	.179	.170	.243	.151	.181	.180	.218	.138	6.375	
	WIND	5	15	5	5	20	10	10	10	20	10	25	35	90	70	30	40	40	40	30	30	70	80	60	30	20	50	55	65	10	30	40	1050	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	HIGHEST (OR CREST)	DATE	LOWEST	DATE
BUFFALO																																				
GILBERT	30	4.2	4.1	4.0	4.0	3.8	3.7	3.7	3.9	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.7	3.8	3.7	3.6	3.6	3.6	3.5	3.2	3.5	3.5	3.7	4.3	4.0	3.9	4.3	29	3.2	25
BLACK																																				
BLACK ROCK	14	11.5	11.2	10.4	9.2	8.2	7.4	6.8	6.3	6.8	7.5	6.9	6.2	6.2	6.0	5.5	5.0	4.5	4.3	4.4	4.6	4.2	3.9	3.7	3.5	3.3	3.2	3.1	3.0	3.0	3.0	2.9	11.5	1	2.9	31
WHITE																																				
COTTER	21	8.2	7.5	6.8	6.4	6.0	5.7	4.8	4.2	3.5	3.6	4.3	4.5	3.1	4.7	4.5	4.2	3.6	6.0	4.7	4.7	5.1	5.0	4.7	4.0	3.9	3.9	2.5	3.5	4.5	4.3	4.3	8.2	1	2.5	27
CALICO ROCK	19	8.4	7.1	6.7	5.9	6.0	5.5	5.2	4.3	3.5	3.0	3.1	3.2	3.2	3.4	3.9	3.3	3.0	2.9	5.2	4.0	3.5	4.5	4.4	3.8	3.0	2.9	3.0	2.6	3.1	4.0	4.0	8.4	1	2.6	28
BATESVILLE L&O 1	23	15.0	13.8	12.8	12.1	11.6	11.2	10.9	10.8	9.5	8.7	8.2	8.3	9.0	8.2	9.2	9.2	8.7	8.0	8.4	9.9	9.4	9.3	9.7	9.4	8.8	7.8	8.0	7.8	7.4	8.5	9.0	15.0	1	7.4	29
NEWPORT	26	18.2	17.8	16.9	15.8	14.5	13.3	12.1	10.9	10.0	8.9	8.1	7.4	6.7	7.4	7.5	7.5	6.9	6.3	5.9	7.1	6.9	6.4	6.4	6.4	5.9	5.2	4.3	4.4	3.9	3.9	4.6	18.2	1	3.9	29
GEORGETOWN	21	19.5	19.4	19.3	19.2	19.0	18.7	18.2	17.5	16.5	15.4	14.2	13.0	12.3	11.8	11.1	10.8	10.6	10.0	9.4	9.0	8.8	9.0	8.8	8.4	8.1	7.7	7.2	6.6	6.0	5.8	5.3	19.5	1	5.3	31
CLARENDON	26	24.5	24.8	25.0	25.0	25.2	25.2	25.2	25.1	25.0	24.8	24.6	24.2	23.8	23.2	22.6	22.0	21.4	20.9	20.4	19.8	18.9	18.2	19.6	17.2	16.7	16.4	16.1	15.6	15.1	14.6	14.1	25.2	6	14.1	31
PETIT JEAN																																				
DANVILLE	20	2.7	2.7	2.7	2.7	2.6	2.7	2.8	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.8	6.1	5.8	5.7	5.5	5.6	6.1	3.9	3.7	7.0	6.1	5.9	7.4	7.1	5.9	3.7	3.4	7.4	27	2.6	5
ARKANSAS																																				
VAN BUREN	22	28.5	28.3	27.6	26.8	23.4	21.0	19.1	16.1	15.0	14.0	13.4	12.8	17.9	17.2	18.1	17.0	17.4	17.6	19.7	20.1	22.1	21.1	20.8	21.2	21.9	21.3	21.0	21.4	21.7	21.4	21.3	28.5	1	12.8	12
OZARK	22	23.4	22.4	23.0	22.4	20.2	17.2	15.6	13.0	11.4	10.4	10.2	9.3	12.3	13.3	13.9	13.9	12.8	13.4	14.2	16.4	17.6	16.8	16.3	16.6	17.1	17.1	16.4	16.7	17.0	16.9	16.8	23.4	1	9.3	12
DARDANELLE	22	26.0	25.8	25.6	25.0	24.1	21.1	18.3	16.4	13.7	12.5	11.6	11.1	10.6	14.8	14.8	15.6	15.0	14.7	14.9	17.0	18.8	19.3	18.4	18.2	18.8	19.3	18.7	18.4	18.6	18.8	18.6	26.0	1	10.6	13
MORRILLTON	20	30.8	30.7	30.7	30.4	30.0	28.2	25.3	23.2	20.4	18.4	17.2	16.9	16.6	19.0	20.2	21.0	21.0	20.0	20.4	21.4	23.6	24.7	24.1	23.6	23.9	24.6	24.6	23.9	24.1	24.3	24.1	30.8	1	16.6	13
LITTLE ROCK WB AP	23	20.4	20.2	20.1	20.0	19.6	18.8	16.9	16.9	15.0	11.1	10.0	9.2	8.7	8.8	11.3	11.7	12.3	11.7	11.5	11.9	13.7	15.2	15.5	14.8	14.7	15.1	15.5	15.1	14.9	15.1	15.3	20.4	1	8.7	13
PINE BLUFF	25	21.8	21.6	21.5	21.5	21.4	21.2	20.1	18.7	17.4	15.6	13.8	12.9	12.1	11.7	12.7	14.8	15.3	15.4	14.7	14.7	15.5	17.2	18.1	17.9	17.3	17.4	17.9	17.9	17.5	17.6	17.9	21.8	1	11.7	14
CADDO																																				
GLENWOOD	10	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.8	1	3.4	14
SALINE																																				
BENTON	20	4.4	4.3	4.2	4.1	4.1	4.0	4.5	4.8	4.8	4.6	4.5	4.2	4.0	4.0	3.9	3.9	4.5	4.7	5.5	5.4	5.2	4.9	4.5	4.3	4.2	4.1	3.9	5.6	5.3	4.8	4.4	5.6	28	3.9	16
LITTLE MISSOURI																																				
BOUGHTON	20	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.9	4.0	4.0	4.2	4.1	4.1	4.0	4.1	4.4	4.6	4.4	4.4	4.6	4.4	4.2	4.1	4.1	4.1	4.0	3.9	3.9	4.6	20	3.8	10
OUACHITA																																				
ARKADELPHIA	17	3.4	3.2	3.2	3.2	3.2	3.1	3.3	4.3	4.7	3.9	3.4	3.4	3.1	3.2	3.6	4.0	3.8	3.3	3.2	3.4	3.7	3.5	3.4	3.3	3.2	3.2	3.3	3.8	3.6	3.3	3.2	4.7	9	3.1	6
CAMDEN	26	4.1	4.0	4.0	4.1	4.0	4.0	4.0	3.9	3.9	4.5	4.9	4.5	4.4	4.3	4.2	4.3	4.6	4.8	4.8	4.7	4.7	4.7	4.9	4.7	4.5	4.3	4.1	4.1	4.3	4.6	4.5	4.9	11	3.9	8
LITTLE																																				
WHITECLIFFS	25	1.8	2.1	2.1	3.8	4.0	3.9	1.5	1.0	1.0	0.9	1.5	2.0	2.5	3.0	7.0	8.4	8.0	7.0	6.0	5.9	5.0	3.4	2.4	1.9	1.7	1.3	1.0	1.0	1.0	1.0	1.0	8.4	16	0.9	10
RED																																				
INDEX	25	11.8	14.0	14.2	14.0	13.0	11.2	10.3	9.8	11.8	12.6	12.6	12.5	12.7	17.8	17.4	16.5	16.5	16.4	15.6	14.0	12.6	11.3	10.4	9.4	9.4	9.0	9.0	9.2	8.6	8.3	-	17.8	14	-	
FULTON	25	11.8	13.6	14.8	14.7	13.8	12.2	10.7	9.9	10.9	12.6	13.1	13.0	13.1	17.9	18.8	18.3	18.0	17.6	17.0	15.2	13.6	12.2	11.0	10.3	9.8	9.4	9.4	9.4	9.7	9.1	8.6	18.8	15	8.6	31
ST. FRANCIS																																				
ST. FRANCIS	18	11.2	12.4	12.9	12.9	12.7	12.1	11.5	10.3	8.8	11.4	12.9	13.5	13.6	13.4	13.1	12.5	11.6	11.4	10.5	9.1	7.2	5.4	4.6	5.4	7.4	6.1	4.7	5.7	8.3	9.1	9.1	13.6	13	4.6	23
ST. FRANCIS LAKE	30	19.4	19.3	19.5	19.2	19.1	19.5	19.2	19.0	19.0	19.1	19.1	19.4	19.9	20.3	20.0	19.8	19.6	19.6	19.7	19.9	20.0	20.0	20.1	20.1	20.1	19.9	19.6	19.1	19.4	19.2	19.1	20.3	14	19.0	8
MARKED TREE	17	6.6	6.7	6.6	6.6	6.6	3.9	6.0	6.3	6.3	6.2	6.3	5.2	3.2	2.0	5.0	6.3	6.5	6.5	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.3	6.7	2	2.0	14
PARKIN	28	6.6	6.8	7.0	6.9	6.7	6.5	5.8	6.0	6.3	6.2	6.3	5.9	6.0	5.6	4.6	5.1	6.0	6.7	6.7	6.7	6.7	7.0	7.5	7.4	7.4	7.3	7.1	7.0	6.8	6.6	6.4	7.5	23	4.6	15
MADISON	32	5.8	5.9	6.1	5.9	5.6	5.3	5.0	4.7	4.6	4.6	4.5	4.4	5.5	4.9	4.6	4.6	4.2	4.2	4.5	4.6	4.6	4.9	6.1	6.2	6.2	6.3	6.2	6.0	5.7	5.5	5.8	6.3	26	4.2	17
MISSISSIPPI																																				
HELENA	44	22.0	22.6	22.7	22.5	21.8	21.5	21.2	20.8	19.9	19.1	18.4	17.6	16.5	15.6	14.7	13.7	12.8	12.2	11.5	12.0	12.6	13.1	13.6	14.3	15.1	16.1	17.2	18.4	19.8	21.2	23.2	23.2	31	11.5	19
ARKANSAS CITY	42	24.1	24.7	25.4	25.5	25.4	25.1	24.8	24.2	23.2	22.0	20.7	19.6	18.5	17.5	16.7	15.9	15.8	15.5	15.2	14.6	14.5	15.0	15.9	16.7	17.2	17.5	18.1	19.6	19.6	20.3	21.2	25.5	4	14.5	21

The following reference notes apply only to Table 7 - Daily River Stages: Readings are made at approximately 7 a.m. (Local time). They are provisional and subject to corrections. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a	Obstructed by rough ice.
b	Frozen but open at gage.
c	Upper surface of smooth ice.
d	Ice gorge above gage.
e	Ice gorge below gage.
f	Shore ice.
g	Floating ice.
h	Pool stage.
i	Dry at gage.
j	Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT.	LONG.	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
				° '	° '		ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	2 3
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MIO		22		BEN R. BUSH	2 3 4
ALPINE	0118	CLARK	OUACHITA	34 14	93 17	-	C		8A		2		JEWELL R. HOLCOMB	2 3
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY	0136	YELL	OUACHITA	34 47	93 29	850	C		MIO		6		MRS. ELVIA LAMB	2 3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	2 3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EOWAROS	2 3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	2 3 4
ARKAOELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	OESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	2 3 7
ASHDOWN	0286	LITTLE RIVER	REO	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARO	REO	34 19	93 58	960	C		7A		0		ARRA O. PARKER	2 3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MIO		3		MISS EFFIE PERRY	2 3 4
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		OAVIO G. GRIFFITHS	2 3 4 7
BATESVILLE AIRWAY	0456	INOEPENOENCE	WHITE	35 46	91 39	363	C	MIO	MID	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INOEPENOENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & O 1	0460	INDEPENOENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDOLESTON	2 3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		S C S	2 3 4
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. ADAMSON	2 3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	2 3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MID		5		JR. AG. COLLEGE	2 3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMONO	2 3
BEEOEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIDGE	2 3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MID		5		LUCILLE R. MC WETHY	2 3 4
BETHESOA	0644	INDEPENOENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	S C S	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	2 3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	2 3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. OOUGLAS	2 3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	2 3 7
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MIO		8		U. S. ENGINEERS	2 3 4
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BOONEVILLE	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		F. H. RANOOLPH	2 3 4 5
BOONEVILLE 2 MI. S.	0830	LOGAN	ARKANSAS	35 07	93 56	511	C		6A		7		CLEO E. YANOELL	2 3 7
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MIO		3		THOMAS M. PEARSON	2 3 4
BOUGHTON	0848	NEVAOA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	2 3 7
BRADFORD	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HICKMON	2 3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS OAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MID		1		U. S. ENGINEERS	2 3 4
BUROETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 57	240	C		6P		4		G. A. HALE	2 3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P				B. M. WALTHER	2 3
CALICO ROCK	1132	IZARO	WHITE	36 08	92 08	380	C		7A		43		WILLIAM JONES	2 3 7
CAMOEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		JOHN M. KNIGHT	2 3 5 7
CAMOEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MIO				EOITH Z. LEHMAN	2 3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONEY DELL HORTON	2 3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	2 3
CARPENTER DAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MIO		8		ARK. P. & L. CO.	2 3 4
CLARENOON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	2 3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MIO		8		THOMAS L. SMITH	2 3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		EARL B. RIODICK	2 3
COLO SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	2 3
COMBS	1574	MAOISON	WHITE	35 50	93 50	1400	C		MID		8		ROSA.J. COMBS	2 3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MIO		5		WILLIAM L. BINAM	2 3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPADDEN	2 3 7
COVE	1666	POLK	REO	34 26	94 25	1050	C		7A				WILLIAM M. RAYMOND	2 3
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIROA BYRD	2 3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	2 3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
OAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		ROBERT T. TEOOER	2 3 4
OANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C	7A	7A		32		J. A. MOUOY	2 3 7
OAROANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		GEORGE N. GOODIER	2 3 5 7
DE QUEEN	1948	SEVIER	RED	34 02	94 21	426	C	6P	6P	14	14		L. O. MC COWN	2 3 5
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MIO		6		CLARENCE E. COLLINS	2 3 4
OERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	2 3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5 7
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRADLEY	2 3 5
OUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JOHNSON	2 3 5
OUMAS 2	2150	OESHA	MISSISSIPPI	33 53	91 30	-	C		MIO		5		BETTY R. HOLMES	2 3 4
OURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8		ANNIE A. WHITE	2 3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	2 3
EL DORAOO	2300	UNION	OUACHITA	33 13	92 48	278	C	7A	7A	47	47		AYLMER H. MC BRIOE	2 3 5
ELKINS	2315	WASHINGTON	WHITE			1364	C	6	6	0	0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOALOS	2 3 5
EVENING SHAOE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	2 3 7
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORD	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FOROYCE	2540	OALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2544	LITTLE RIVER	REO	33 43	94 24	400	C		MID		8		LESLIE P. CALLONS	2 3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7P		7		MARY A. MATTHEWS	2 3
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MID		8		THOMAS A. MOORE	2 3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MID	MIO	66	66		U. S. WEATHER BUREAU	2 3 4 5 7
FORT SMITH WTR PLNT	2578	CRAWFORO	ARKANSAS	35 59	94 09	793	C		7A		10		R. J. SCHOEPPE	2 3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. OENSON	2 3

STATION INDEX – Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° '	LONG. ° '	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A		62		INA J. LOGAN	2 3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. D. DENNEY	2 3 7
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	2 3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	650	C	7A	7A	22	22		D. D. DENNIS	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	2 3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	2 3 7
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBED B. WILSON	2 3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. D. CANTRELL	2 3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	2 3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBS	2 3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A				BILL S. WATSON	2 3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	2 3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN D. MAY	2 3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	–	C		MID		6		WAYNE STARK	2 3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	2 3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 33	90 38	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	2 3
HILLEMAN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULDIN	2 3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY		34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	2 3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIDAY	2 3 7
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MADISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKELY	2 3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A				U. S. ENGINEERS	2 3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	2 3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	2 3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A				MRS. LETTIE O. DAVIS	2 3
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C	7P	7P				R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		5		CLAUDIE W. HUNTER	2 3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	2 3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	–	C		MID		3		CECIL E. MABERRY	2 3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	–	C		7P		4		MRS. J. A. JONES	2 3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSEY	2 3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	2 3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	265	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID				L. R. WATER WORKS	2 3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A				ED ANSEL	2 3 7
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A				CATH. T. RUSSELL	2 3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	2 3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	2 3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHARDT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	2 3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52		JODIE W. MC MULLEN	2 3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		CHARLES WALTON	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. O. LOWRIE	2 3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NADINE F. DAVENPORT	2 3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	2 3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	DREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	2 3 4
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		U. S. ENGINEERS	2 3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA RIVER	4990	MONTGOMERY	OUACHITA	34 33	93 37	–	C		MID		4		JOHN WALLBRITTON	2 3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 08	768	C		7A		8		W. D. WORTHINGTON	2 3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	2 3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	2 3 7
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		ERNEST J. BABBITT	2 3 4
NASHVILLE	5112	HOWARD	RED	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		S C S	2 3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	2 3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		U. S. ENGINEERS	2 3 4 5 6
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		U. S. ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	2 3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		20		U. S. FOREST SERVICE	2 3
OKAY	5376	HOWARD	RED	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	2 3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	2 3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY D. MILTON	2 3 5 7
PARAGOULD	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KORS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	2 3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5 7
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF AP 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215	C	MID	MID				AIRWAY OBSERVER	2 3 4
PINE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	2 3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	5908	NEVADA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
PRESCOTT S C S	5910	NEVADA	OUACHITA	33 48	93 23	-	C		MID		7		W. L. MC LEAN	2 3 4
PYATT	5970	MARION	WHITE	36 16	92 51	800	C		MID		6		ONA V. MC LEAN	2 3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35 18	93 53	463	C		7A		3		LULA MAE WEEKS	2 3
RAVANA	6016	MILLER	RED	33 04	94 02	250	C		MID		8		ARNICE O. TAYLO	2 3 4
RED STAR	6078	MADISON	WHITE	35 51	93 31	2250	C		7A		5		ORVAL F. CALLOWAY	2 3
REMMEL DAM	6102	HOT SPRING	OUACHITA	34 26	92 54	-	C		MID		8		ARK. P. & L. CO.	2 3 4
RISON	6174	CLEVELAND	OUACHITA	33 48	92 11	231	C		8A		32		J. H. YANEY	2 3
ROCKHOUSE	6214	MADISON	WHITE	36 17	93 40	1214	C		7A		2		CLAUDE D. SISCO	2 3
ROGERS	6248	BENTON	WHITE	36 18	94 02	1387	C	6P	6P	57	57		HOWARD FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5
SAINT CHARLES	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5 7
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36 27	90 08	300	C		7A		20		WILLIAM S. BUCKLEY	2 3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS				C		7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR D. SMITH	2 3 5
SHERIDAN	6566	GRANT	OUACHITA	34 27	92 21	290	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35 38	92 17	600	C		6P		8		MAUD H. BRADFORD	2 3
SILOAM SPRINGS	6624	BENTON	WHITE	36 11	94 33	1150	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36 05	91 18	450	C		MID		2		NORA F. RUDY	2 3 4
STAR CITY	6820	LINCOLN	OUACHITA	33 57	91 50	250	C		2P		5		R. A. GOYEN	2 3
STEVE	6856	YELL	ARKANSAS	34 53	93 19	682	C		7A		4		T. P. SIMS	2 3
STORY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C		7A		23		S. C. STORY	2 3
STUTTGART	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	60	60		GEORGE L. CLARK	2 3 5
STUTTGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35 04	93 48	500	C		9A		8		D. R. FENNELL	2 3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35 29	91 58	300	C		7A		3		SANTFRED REYNOLDS	2 3 7
TAYLOR	7038	COLUMBIA	RED	33 06	93 27	247	C		6P		5		YANCY M. NORWOOD	2 3
TEXARKANA WB AIRPORT	7048	MILLER	RED	33 27	94 00	368	C	MID	MID	63	63		U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33 38	92 21	170	C		7A		5		HENRY S. SPEER	2 3
TURNPIKE	7262	POPE	ARKANSAS	35 40	93 05	2087	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORD	ARKANSAS				C						BEN CORNELUS	7
VICK	7420	BRADLEY	OUACHITA	33 19	92 09	115	C		6P		6		WILLARD K. SHARP	2 3
VIOLA	7450	FULTON	WHITE	36 24	91 59	692	C		7A		7		A. F. KING	2 3
WALDRON	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM D. BIVENS	2 3 4 5
WALNUT GROVE	7524	INDEPENDENCE	WHITE	35 51	91 21	250	C		6P		7		A. H. FAST	2 3
WARREN	7582	BRADLEY	OUACHITA	33 36	92 04	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150	C		MID		3		HARRY E. PIRKINSHA	2 3 4
WEST FORK	7694	WASHINGTON	WHITE	35 55	94 11	1340	C		MID		8		MRS. N. C. THRELKELD	2 3 4
WHEELING	7744	FULTON	WHITE	36 19	91 52	680	C		MID		8		THOMAS W. CONE	2 3 4
WHITE CLIFFS	7812	LITTLE RIVER	RED	33 48	94 05		C		7A				L. M. SNEAD	2 3 7
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	11	11		U. S. FOREST SERVICE	2 3 5
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		D. O. ANDERSON	2 3 5
WINFREY	7936	CRAWFORD	ARKANSAS	35 44	94 06	1152	C		MID		8		CLYDE F. MEADORS	2 3 4
WING	7950	YELL	ARKANSAS	34 57	93 28	350	C		MID		5		MILES B. TURNER	2 3 4
WYNNE	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
YELLVILLE	8084	MARION	WHITE	36 13	92 41	900	C		7A		3		L. E. JOHNSON	2 3 7
NATHAN	5158	HOWARD	OUACHITA	34 07	93 52	550	C		7A		0		EDNA J. WESTFALL	2 3
PARTHENON	5602	NEWTON	ARKANSAS	35 57	93 15	925	C		MID		8		ARTHUR B. CARLTON	2 3 4

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

-	No record.
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
6X	Precipitation measured at 6-hourly intervals, no recording gage. Daily totals for the 24 hours ending at 12:30 A.M., CST of the following day.
M	One or more days of record missing; see Table 5 for detailed daily record.
AR	This entry in time of observation column in Station Index means after rain.
K	Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
R	Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
T	Amount too small to measure.
Z	Hourly amounts from recording gage at the same site may be found in Table 4.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi-West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; $1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room #9, U. S. Court House, Fort Worth 2, Texas.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

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CLIMATOLOGICAL DATA

ARKANSAS

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AUGUST 1948

Volume LIII No. 8

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ARKANSAS AUGUST 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

LOWS, or low troughs, covered most of the South during the first half of the month. Although no LOWS passed directly over Arkansas, the weather for the first 16 days was ruled by the weak frontal systems associated with Southern LOWS. More than two-thirds of the month's rainfall fell during this period.

During the latter half of the month, the air circulation over Arkansas was due to HIGHS located along the Atlantic Coast. This brought moist tropical air over the state, and upslope rains during the last few days of the month.

The month ended up being the coolest since 1940, mostly due to cloudiness during the afternoons; and the wettest since 1944. Temperatures generally were higher from about the 13th on, with most of the high temperatures being recorded from the 13th to 15th.

The rainfall, while above the 58-year average for August, was not too well distributed, and resulted in varying slight damage to crops. The NE and SW corners of the State suffered the most from lack of rainfall with recorded falls as low as 20% of normal.

The most seriously damaged section was from an overabundance of rain, and covered most of Benton and Washington Counties. Stations in these two counties reported the heaviest rains since 1915, when major floods caused millions of dollars damage in the White Basin. The main damage this year was to the Tomato and Grape crops.

Even though August weather damaged some crops slightly, bumper yields of most crops were in prospect for the crop-season.

STORMS

High winds were reported on a total of 13 days during the month by 38 stations, but only two were serious enough to have any appreciable damage reported. Pine Bluff reported damage of $10,000.00 from a combination of rain and wind of the afternoon of the 15th. 1.40 inches of rain fell in 35 minutes during this storm, cuasing flooding of streets and stores; a roof of a Service Garage was reported to have caved in during the rain.

A windstorm struck Forrest City during the evening of the 30th, causing widespread damage to roofs, power-lines, windows, and trees, estimated at $25,000.

Thunderstorms were reported on 26 days, with more than fifty being reported on each of the following days: 8th, 9th, 11th, 14th and 15th. Hail was reported four times, but was apparently too light to damage crops.

There were no floods on any of the main rivers.

TEMPERATURES

The mean temperature for the month was 78.0°, 2.1° below the 58-year average. Only two stations, El Dorado and Camden, reported mean temperatures above their seasonal average, and these were 0.2° and 0.1°, respectively.

There were no records set for extremes during the month, and the highest reported was 108° at Magnolia on the 13th, 107° at El Dorado on the 15th. Lead Hill reported the lowest with 46° on the 6th; Harrison also reported 48° on the 6th.

Magnolia reported the highest mean for the month, with 82.6°, and Green Mountain was low, with 73.0°. Sixteen stations reported maximum readings of 100° or more, during the month.

PRECIPITATION

The mean precipitation was 4.25 inches, 0.71 inch above the 58-year average. The distribution over the State was rather poor though; and ranged from 0.67 inch at Lake City, to 15.16 inches at West Fork.

The areas suffering most from lack of rain lay within a radius of 40 miles of Texarkana in the SW, and 100 miles radius of St. Francis in the NE. Craighead County was the driest in the State, with considerably less than an inch.

The greatest amount of rain fell along the Arkansas River, and the counties just north of it; Ashley and the eastern part of Union; Polk and Scott; and the Washington, Benton, and Madison County area. The number of days with rain ranged from 11 to 15 days in the NW portion of the State, as compared with a normal of 6 days.

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE MEAN	TEMPERATURE HIGHEST	TEMPERATURE LOWEST	PRECIPITATION AVERAGE	PRECIPITATION AVERAGE SNOWFALL	PRECIPITATION DAYS WITH .01 OR MORE
1891	76.4	108	39	2.75	0	5
1892	78.3	106	47	4.39	0	9
1893	77.3	102	48	3.08	0	5
1894	78.1	104	48	4.63	0	8
1895	79.4	102	55	2.64	0	4
1896	82.6	112	48	2.32	0	5
1897	79.6	111	45	2.59	0	5
1898	79.4	108	54	4.35	0	7
1899	82.2	112	54	2.04	0	4
1900	81.1	108	57	2.95	0	5
1901	80.5	109	52	2.95	0	6
1902	80.7	108	51	2.55	0	4
1903	78.7	105	47	4.34	0	8
1904	78.1	105	46	2.81	0	6
1905	79.1	103	51	3.73	0	6
1906	77.9	100	42	4.92	0	10
1907	82.0	113	54	2.92	0	6
1908	79.3	103	52	4.48	0	8
1909	82.4	111	47	1.27	0	4
1910	79.2	104	43	3.92	0	8
1911	78.0	107	45	8.19	0	12
1912	78.7	105	45	3.30	0	7
1913	82.1	107	46	1.62	0	3
1914	78.5	104	57	6.81	0	12
1915	74.7	102	40	10.44	0	11
1916	81.8	107	46	2.63	0	5
1917	77.1	104	43	4.10	0	8
1918	82.6	115	52	3.90	0	7
1919	80.6	113	55	4.29	0	7
1920	76.8	102	46	4.08	0	8
1921	81.5	106	56	5.46	0	8
1922	80.4	111	51	1.90	0	5
1923	81.9	109	49	2.43	0	4
1924	82.2	108	43	2.40	0	5
1925	80.3	108	47	1.81	0	4
1926	80.7	110	47	5.50	0	10
1927	76.6	105	43	6.01	0	10
1928	81.3	105	51	4.62	0	7
1929	80.8	110	41	1.29	0	3
1930	81.8	114	46	2.53	0	5
1931	76.7	103	42	4.71	0	9
1932	81.5	104	47	1.78	0	5
1933	79.1	101	49	4.42	0	8
1934	84.8	116	48	2.75	0	6
1935	82.0	113	46	1.74	0	4
1936	85.0	120	43	0.44	0	2
1937	82.3	111	55	3.45	0	7
1938	83.2	109	54	2.26	0	5
1939	80.2	107	49	2.50	0	6
1940	77.7	104	45	4.96	0	9
1941	80.7	107	50	3.94	0	9
1942	78.8	106	53	6.96	0	9
1943	84.6	113	48	1.03	0	3
1944	80.0	104	50	4.90	0	9
1945	78.9	104	48	3.16	0	6
1946	79.0	109	43	1.87	0	4
1947	84.5	111	56	2.20	0	4
1948	78.0	108	46	4.25	0	8
PERIOD	80.1	120	39	3.54	0	6

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN-SHINE	
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	DEGREE DAYS 65° BASE
Fort Smith WB AP	30.18	5	29.81	11	6.0	22	NW	12	88	92	59	62	67	0
Little Rock WB AP	30.21	28	29.89	12	5.8	24	NE	30	87	90	61	67	68	0
Texarkana WB AP	30.18	29	29.84	13	-	40	NNE	15	76	87	51	53	-	0

TABLE 2
CLIMATOLOGICAL DATA

ARKANSAS
AUGUST 1948

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	NO. OF DAYS		TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOWFALL (UNMELTED)			NO. OF DAYS		
							MAX. 90° OR ABOVE	MIN. 32° OR BELOW					TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ABBOTT									4.90		1.36	8	.0			9	6	2
ALICIA									3.10		1.53	13				6	4	1
ALPINE									5.83		3.14	8	.0			8	4	1
ALUM FORK	77.9	- 1.9	95	21+	55	6	17	0	4.38	0.10	1.25	9	.0			7	5	2
ALY									4.10		1.09	8				7	4	2
APLIN									5.84		1.18	10	.0			11	7	2
APPLETON									2.96		1.41	11				4	3	1
ARKADELPHIA	79.5	- 1.5	98	14	56	6	23	0	4.26	0.61	1.94	9	.0			10	3	2
ARKANSAS CITY									2.96	- 0.56	1.33	9	.0			6	3	1
ASHDOWN	79.7		102	13	55	5	26	0	2.24		.98	15	.0			5	3	0
ATHENS									5.32		1.90	8	.0			8	6	1
AUGUSTA									4.26		1.76	15	.0			8	5	1
BATESVILLE AIRWAY	77.7	- 1.6	98	23	54	6	17	0	2.77		1.30	14	.0			9	4	1
BATESVILLE LIVESTCK	76.2M		96	21+	49	6	17	0	2.21		1.31	15	.0			6	3	1
BATESVILLE L D 1									2.69	- 1.42	1.27	14	.0			8	4	1
BEAR CREEK LAKE									3.74		2.30	25				5	4	1
BEATY LAKE									1.75		.89	15	.0			6	2	0
BEAVER									4.29		1.32	11	.0			11	6	1
BEE BRANCH	77.6	- 2.4	95	3+	54	6	19	0	2.40	- 1.27	.82	8	.0			6	4	0
BEECH GROVE									1.63		.50	10+	.0			6	2	0
BEEDEVILLE									1.52		.81	14	.0			2	2	0
BENTON	78.5	- 1.4	96	14+	53	6	22	0	2.88		.71	10	.0			7	4	0
BENTONVILLE	75.2	- 2.7	97	23	52	5+	15	0	7.33	3.29	1.96	11	.0			10	9	3
BETHESDA	74.5		95	22+	49	6	13	0	2.91		1.20	14	.0			5	5	1
BIG FLAT									3.36		.89	9	.0			10	4	0
BIG FORK									3.70		2.00	8	.0			5	3	1
BIG LAKE OUTLET									1.01	- 1.60	.29	10	.0			6	2	0
BLACK ROCK									2.67	- 1.44	1.30	15	.0			5	3	1
BLUE MOUNTAIN DAM									4.76		1.22	15				12	6	1
BLUFF CITY									3.64		1.60	9	.0			6	4	2
BLYTHEVILLE	79.3	- 0.9	100	24	59	5	19	0	1.10	- 2.81	.52	31	.0			5	2	0
BOONEVILLE	79.2	- 3.2	98	13+	56	6	21	0	3.61	- 0.02	1.35	8	.0			11	3	2
BOONEVILLE 2S									3.74		1.23	16	.0			12	6	1
BOTKINBURG									2.16		.60	11				11	3	0
BOUGHTON									5.03		3.20	9	.0			4	4	2
BRADFORD									1.38		.47	13	.0			5	3	0
BRINKLEY //	78.8	- 1.6	97	29	55	6	19	0	4.91	1.59	2.10	15	.0			8	5	1
BURDETTE									.93		.55	15	.0			3	2	0
CABOT									6.16		3.78	15	.0			7	5	2
CALICO ROCK									4.07	- 0.28	1.31	14	.0			6	5	2
CAMDEN 1	80.9	0.1	101	14	55	6	25	0	2.51	- 0.31	1.03	9	.0			7	2	1
CAMDEN 2									2.75							12		
CAMP CHAFFEE	79.1M		98	21	57	5		0	2.96		1.57	8	.0			12	3	1
CANAAN									3.62		.91	14				9	6	0
CARPENTER DAM									1.98		.81	8				4	3	0
CLARENDON									6.88	3.44	2.38	15	.0			10	7	2
CLINTON									5.51		1.97	15	.0			11	5	2
COLD SPRINGS									4.18		1.00	8+	.0			9	6	2
COMBS									10.80		3.31	14				9	7	5
COMPTON									6.06		2.44	11				9	5	2
CONWAY	78.3	- 3.5	96	19+	52	6	18	0	7.18	3.88	3.10	15	.0			9	6	2
CORNING	78.7	0.1	100	24	54	6	19	0	1.43	- 2.16	.43	15	.0			6	3	0
COTTER									4.87	1.39	1.29	14	.0			7	5	2
CROSSETT	79.7	- 1.9	100	13	50	18	26	0	7.98	4.77	3.90	16	.0			8	4	2
CRYSTAL VALLEY									2.31		1.20	11	.0			5	2	1

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
CUMMINS FARM	77.6		96	13	57	6	17	0	3.67		1.30	8	.0			8	7	1
DAISY									6.92		4.15	8				7	5	2
DANVILLE									4.18	0.98	1.61	12	.0			10	5	1
DARDANELLE	78.4	- 2.7	96	23+	56	6+	19	0	7.84	4.30	1.79	12	.0			11	8	2
DE QUEEN	79.9	- 1.9	101	13	60	5	22	0	2.89	- 0.99	.90	24	.0			8	4	0
DENVER									5.08		1.34	27				10	6	1
DERMOTT									2.18		1.40	9	.0			3	2	1
DES ARC	78.0		100	22	55	6	17	0	4.11		.94	8	.0			11	6	0
DEVILS KNOB	75.4		95	1	55	4+	10	0	5.78		1.20	9	.0			8	7	2
DUMAS 1	79.4	- 2.6	98	13	56	6	19	0	3.24	- 0.03	.97	8	.0			7	5	0
DUMAS 2									2.85		.79	7				6	4	0
DURHAM									10.49		3.15	11				12	10	3
EAGLE GAP									8.63		3.87	8	.0			13	5	3
EL DORADO	82.5	0.2	107	15	58	6	30	0	2.[illegible]5	- 0.64	1.46	16	.0			8	3	1
ELKINS									11.08		3.74	12	.0			11	8	3
EUREKA SPRINGS	75.9	- 2.9	95	22	53	6	9	0	4.69	0.00	1.65	14	.0			9	7	2
EVENING SHADE									3.52		1.54	14	.0			6	5	1
FAYETTEVILLE	76.2		94	22	55	5+	10	0	10.49		3.36	11	.0			13	6	3
FAYETTEVILLE EX S	75.4	- 3.2	95	22	51	5	11	0	10.36	6.40	3.78	14	.0			11	8	3
FORDYCE	80.9	- 0.2	100	13	56	6	27	0	6.23	1.90	2.41	9	.0			5	4	3
FORESTER									3.10		1.18	8	.0			8	3	1
FORREST CITY									2.70		1.56	15				5	3	1
FORT SMITH WB AIRPORT	79.3	- 1.2	97	13	59	5	17	0	3.39	0.11	1.83	8	.0			14	4	1
FORT SMITH WTR PLNT									5.32		1.46	11	.0			11	7	1
FOUNTAIN HILL									4.80		3.00	9	.0			4	4	2
FULTON									2.22	- 0.60	.90	16	.0			7	3	0
GARLAND									2.04		1.49	16	.0			4	1	1
GEORGETOWN									4.56	1.12	2.48	15	.0			10	4	1
GILBERT	75.7		97	22+	51	6	16	0	4.68	0.70	.94	15	.0			10	8	0
GLENWOOD									3.68		2.20	8	.0			3	3	1
GRANNIS	77.2	- 2.5	96	13	57	4+	17	0	5.05	1.74	2.52	16	.0			10	5	1
GRAVELLY									3.87		1.14	28	.0			11	4	1
GRAVETTE	76.1	- 2.0	95	22	53	5	12	0	6.64	2.62	1.80	11	.0			10	5	3
GREEN FOREST									3.83		1.00	11	.0			9	7	1
GREEN MOUNTAIN	73.0		96	22	56	16	4	0	2.33		1.10	14	.0			4	3	1
GREENWOOD									3.23		1.42	8	.0			9	3	1
GURDON									4.05		2.25	9	.0			9	4	1
HAMPTON									2.27		1.28	9	.0			3	2	1
HARRISON	74.3	- 3.5	96	22	48	6	13	0	5.64	2.07	1.78	14	.0			9	6	2
HARRISON AIRWAY	73.9		93	22	50	6	8	0	5.85		1.80	14	.0			10	6	2
HEBER SPRINGS 3SW									3.88		1.65	15				8	5	1
HECTOR									3.02		.83	12	.0			13	5	0
HELENA	79.0	- 1.7	95	30	61	6	16	0	6.84	3.28	3.15	15	.0			10	6	2
HENDERSON									2.00		1.17	14	.0			4	3	1
HOPE	81.1	- 0.8	101	15	56	6	25	0	2.73	- 0.55	1.21	9	.0			7	2	2
HOPPER									3.71		1.16	8	.0			7	5	1
HORATIO									2.10		.51	30	.0			8	5	0
HOT SPRINGS	80.5	- 1.2	100	22+	57	6	24	0	2.60	- 1.10	.83	9	.0			10	5	0
HUNTSVILLE									8.51		2.33	14				10	6	4
HUTTIG DAM									5.16		4.00	16	.0			8	3	1
JASPER									4.92		1.01	11	.0			10	7	1
JESSIEVILLE									3.43	- 0.53	1.14	12+	.0			5	5	2
JONESBORO	78.3	- 2.0	99	23	57	5	16	0	.73	- 2.73	.34	14	.0			5	1	0
KEO	78.7		98	13	54	6	20	0	4.84		1.80	10	.0			10	4	2
LAKE CITY									.67		.45	14	.0			4	1	0

See Reference Notes Following Station Index

TABLE 2 — Continued
CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
LEAD HILL	76.1	- 3.0	98	22	46	6	19	0	2.50	- 1.37	.78	26	.0			6	4	0
LEE CREEK									8.10		1.45	28	.0			14	9	4
LEOLA									4.45		1.89	16	.0			6	4	2
LITTLE ROCK WB AP	79.2	- 0.6	96	13+	62	6	14	0	3.31	- 0.44	.78	11	.0			10	7	0
LITTLE ROCK FILT PL									3.13		.87	11	.0			10	6	0
LOCK AND DAM NO 3									2.65		.88	14	.0			10	4	0
LOST CORNER									2.35		.48	10	.0			10	5	0
LURTON									5.50		2.11	11	.0			15	6	1
LUTHERVILLE	76.9	- 3.1	98	13	56	6	15	0	5.49	1.68	2.19	8	.0			11	4	3
MADISON									1.95	- 1.38	1.30	15	.0			5	1	1
MAGNOLIA	82.6	0.0	108	13	60	6	27	0	2.46	- 0.11			.0			4		
MALVERN	80.3		98	14	63	19+	22	0	3.00		1.30	10	.0			7	4	1
MAMMOTH SPRING	77.9M	- 0.2	98	22+	54	4	23	0	1.34	- 2.68	.58	15	.0			3	3	0
MARIANNA	77.7	- 2.8	95	23	55	6	18	0	4.04	1.13			.0			8		
MARKED TREE	78.4	- 1.2	98	24	56	6	19	0	4.32	0.78	3.75	14	.0			4	3	1
MARSHALL	75.4	- 3.0	96	22	48	6	12	0	5.28	- 0.01	1.50	14	.0			9	6	2
MARVELL									4.26		1.98	14	.0			5	4	2
MAUMEE									4.39		1.74	14	.0			10	4	1
MELBOURNE									3.22		1.07	15	.0			6	4	1
MENA	78.3	- 1.9	96	13+	60	5+	20	0	7.15	2.89	3.40	8	.0			13	7	2
MONTICELLO	79.7		97	13	62	5+	19	0	4.49		2.96	8	.0			6	3	1
MOROBAY L D 8									2.65		1.43	16	.0			6	2	1
MORRILTON	79.2	- 2.5	99	22	54	6	21	0	8.08	5.16	3.30	15	.0			9	7	2
MOUNT IDA 1	76.4M	- 3.2																
MOUNT IDA 2									4.08		1.49	11				6	4	2
MOUNTAIN HOME	75.6	- 3.1	95	21+	51	6	13	0	2.65	- 1.18	1.85	14	.0			5	3	1
MOUNTAIN VIEW									2.63		.69	8	.0			8	4	0
MOUNTAINBURG									4.31		1.03	11	.0			9	6	1
MULBERRY									4.18		1.00	8	.0			6	5	1
NASHVILLE	79.9M		99	14	57	6	21	0	2.56		1.09	16	.0			7	3	1
NATHAN									4.18		2.06	9	.0			6	4	2
NEWHOPE									3.78		2.42	9	.0			4	3	1
NEWPORT	79.6	- 0.9	99	21+	58	6	23	0	4.52	1.05	1.40	14	.0			10	5	2
NIMROD DAM	78.5		98	14	52	6	20	0	4.15		1.13	12	.0			11	4	2
NORFORK DAM	76.1		98	23	51	6	17	0										
ODELL									9.46		2.20	8	.0			15	11	3
ODEN	79.0M																	
OKAY	81.1M	- 1.7	102	13+	58	6	26	0	2.03	- 0.76	1.25	15	.0			7	3	1
OSCEOLA									1.25	- 2.00	1.13	13	.0			2	1	1
OWENSVILLE									4.68		1.02	12	.0			7	6	1
OZARK	78.4	- 3.7	97	23	58	6	19	0	5.10	1.37	2.00	8	.0			9	5	2
PARAGOULD	78.0M		98	23	54	5+	20	0	2.99	- 0.88	1.22	1	.0			5	3	2
PARKIN									2.15	- 1.00	1.50	14	.0			3	3	1
PARTHENON									5.29		1.91	14				9	4	2
PERRYVILLE	78.1M	- 1.5	96	21	60	2		0	7.32	3.27	2.10	11	.0			5	5	4
PINE BLUFF	80.5	- 1.6	99	14	60	6	19	0	3.24	0.36	1.84	16	.0			8	3	1
PINE RIDGE									2.65	- 0.26	.88	8	.0			7	4	0
POCAHONTAS 1	79.0.	- 1.0	100	23	57	5	21	0	1.26	- 3.13	.56	14	.0			5	2	0
PORTLAND	79.7	- 1.7	99	14	58	6+	28	0	3.97	0.74	2.25	9	.0			4	2	2
PRESCOTT	79.9	- 2.2	100	14	57	6+	24	0	4.16	1.00	2.33	9	.0			6	4	2
PRESCOTT SCS									4.24		2.32	8				5	4	2
PYATT									4.89		1.62	14				9	6	2
RATCLIFF									2.91		1.39	8	.0			5	3	1
RAVANA									.79							6		0
REMMEL DAM									2.64		.86	8				7	4	0

TABLE 2 — Continued

CLIMATOLOGICAL DATA

STATION	TEMPERATURE, IN DEGREES FAHRENHEIT								PRECIPITATION, IN INCHES									
							NO. OF DAYS						SNOWFALL (UNMELTED)			NO. OF DAYS		
	MEAN	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	MAX. 90° OR ABOVE	MIN. 32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	GREATEST DEPTH ON GROUND	DATE	.01 INCH OR MORE	.25 INCH OR MORE	1.00 INCH OR MORE
ROCKHOUSE									3.97		1.72	10	.0			3	3	2
ROGERS	75.0	- 2.8	94	22	50	5	7	0	7.80	4.03	2.30	11	.0			10	8	2
RUSSELLVILLE	78.7	- 1.7	96	21+	54	6	20	0	7.58	4.03	3.22	15	.0			8	4	2
SAINT CHARLES	78.3		97	13+	57	5	15	0	5.42		1.22	10	.0			9	6	3
SAINT FRANCIS									3.25	- 0.72	1.87	15	.0			5	3	1
SEARCY	79.6	- 1.1	98	22	56	6	19	0	4.58	0.98	1.38	15	.0			11	6	2
SHIRLEY									1.90		.69	13	.0			7	3	0
SILOAM SPRINGS	75.9		94	21+	52	5	12	0	11.15		2.80	11	.0			10	7	4
SMITHVILLE									2.30		1.05	13				6	3	1
SPARKMAN									5.08		2.11	8	.0			5	5	2
STEVE									4.67		1.68	11	.0			7	7	1
STORY									3.83	0.81	.92	29	.0			8	5	0
STUTTGART	78.6	- 2.3	93	13	60	6	10	0	5.19	1.73	1.84	7	.0			7	3	2
STUTTGART 9ESE	78.5	- 2.5	95	14	59	6	14	0	5.48	3.39	2.00	10	.0			10	5	3
SUBIACO			93	23			11	0	4.48	0.91	1.32	8	.0			9	5	2
SUGAR GROVE									4.40		1.56	16	.0			9	4	2
SUGAR LOAF MTN									2.88		.93	15	.0			9	4	0
TAYLOR									1.40		.60	28	.0			4	3	0
TEXARKANA WB AIRPORT //	81.7	- 0.6	102	13	62	6	24	0	2.93	- 0.44	2.55	15	.0			5	1	1
TURNPIKE	69.9		89	19+	49	9+	0	0	4.75	0.66	1.95	11	.0			11	4	1
VIOLA									1.27		.92	27	.0			3	2	0
WALDRON	77.9		99	13	55	5+	19	0	4.20	1.14	1.70	8	.0			6	4	2
WALNUT GROVE									6.44		4.75	14	.0			5	4	1
WEDINGTON LAKE									13.94		3.95	14				11	8	5
WEST FORK									15.16		3.52	14				12	9	5
WHEELING									.76		.30	14				6	1	0
WHITE ROCK	73.9		90	21	57	5	1	0	8.38		2.06	11	.0			12	9	2
WING									5.05		1.49	11				9	6	2
WYNNE	78.5	- 1.6	97	23	58	6	16	0	2.07	- 1.68	.64	4	.0			8	4	0
YELLVILLE									3.33		1.13	13	.0			6	6	1
STATE	78.0	- 2.1	108	13	46	6	18	0	4.25	+ 0.71	4.75	14	.0			8	4	1

See Reference Notes Following Station Index

TABLE 3
DAILY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
ABBOTT				T				1.36	.53	.28		.31				1.12									.80	.18	.16		.16			4.90
ALICIA R								.30	.03	.23	.10		1.33	.67																		3.10
ALPINE					.17		T	3.14	.91	.13		.33		T	.94	.08											.13					5.83
ALUM FORK Z				T				.84	1.23		1.08				.73										.28	.03	T		.15			4.38
ALY R							.12	1.09	1.06		.94				.14										.55		.20					4.10
APLIN					.22			.48	.39	1.18	.02	1.14			.21		.96									.03	T		.53		.68	3.84
APPLETON R								.74	.63		1.41															.16						2.96
ARKADELPHIA Z							T	1.12	1.94	.22	.23	.08				.37										.01		.04	.02	.23	T	4.26
ARKANSAS CITY	T								1.33	.63	.17	T				.32								T		.23	T		.06			2.96
ASHDOWN									.64						.98									.09	.33	.18	T					2.24
ATHENS					T		.03	1.90	.72	.32		.35				.93										.10	T	T		.73		5.32
ATLANTA R															.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
AUGUSTA Z					.20			.30	.13	.28		.63		.61	1.76																.13	4.26
BATESVILLE AIRWAY								.08	.10	.08	.38		.27	1.30										.03			.40			.11		2.77
BATESVILLE LIVESTCK					.04					.10	.28	.45			1.31										.03		T	T		T		2.21
BATESVILLE L O 1 Z									.07	.10		.36		1.27	.03												.40	.35			.11	2.69
BEAR CREEK LAKE R								.47		.18											.35		.44		2.30							3.74
BEATY LAKE				.03						.26	.20		.19		.89																.16	1.75
BEAVER				.03				.16		.46	1.32	.43	.02	.73	.69												.06	T	.33	.04		4.29
BEE BRANCH			.23					.82	.30		.74					.03										.26						2.40
BEECH GROVE										.30				T	.50												.15	.23		.22	.03	01.63
BEEDEVILLE									.71					.81													T					1.32
BENTON								.15	.36	.71		.70				.36										.04	T	.16			T	2.88
BENTONVILLE							.31	.25	.91		1.96	.37	.19	1.47												T	.43	1.15	.29			7.33
BERRYVILLE R								.20			.70	.20	.32	1.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BETHESDA									.47	.33	.39	T		1.20													.52					2.91
BIG FLAT				.19					.89	.11	.80	.09	T	.44												.04	.03	.64	.13			3.36
BIG FORK								2.00	.70	.60	T	.20			T	.20																3.70
BIG LAKE OUTLET								T		.29	.03			.22	T				.04									.25		.18	T	1.01
BLACK ROCK										.23				.66	1.30												.45			.03		2.67
BLUE MOUNTAIN DAM R				.05			.05	.82	.34		.93	.10		.23	1.22									.03	.18		.67	.12				4.76
BLUFF CITY 3SW									1.60	.25						1.30											.32	.03	.12			3.64
BLYTHEVILLE											.04			.05	.43												.06				.32	1.10
BOONEVILLE Z				.03		T	.10	1.35	.16		.12	.25			1.20										.13	.07		•	.20			3.61
BOONEVILLE 2S					.04		.01	.80	.69	.32	.04	.25	T		T	1.23									T	.27		.02	.05	.02		3.74
BOTKINBURG R			.05				.03	.18	.26		.60		.08	.13											.18	.31	.20	.10				2.16
BOUGHTON								T	3.20		.51					1.07										.25						5.03
BRADFORD								T	.40	.04			.47	.39	.08												T	T			T	1.38
BRINKLEY //Z								.79		.19	.04	.76	.04	.47	2.10	.52																4.91
BULL SHOALS DAM R	-	-									.35		.33	1.30													1.35			-	-	-
BURDETTE															.55													.29		.09		.93
CABOT								1.03	.13	.32	.42				3.78	.40										.06						6.16
CALICO ROCK								T	.18	.43		1.10	T	1.31	T	.77										T	.28					4.07
CAMDEN 1									1.03	.04	.17					.98										.14	.02			.13		2.31
CAMDEN 2 R							.33	.73	.07	•	•	•	•	•	1.38										.03			.13	.04			2.73
CAMP CHAFFEE				.04			T	1.57	.08	.27	.13	.19		T	.04	.20										.02	.06	T	.23	.09		2.96
CANAAN R		.05					.06	.50	.73			.55	.37	.91											.04	.41						3.62
CARPENTER DAM R								.81	.15		.65				.37																	1.98
CLARENDON								.45	.94	1.45	.03	.33	.46	.14	2.38	.49											T	.01				6.88
CLARKSVILLE R			.94	.18		.11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLINTON								.03	.20	.30	.20	.55		.13	1.97											.20	.10	1.19	.60			5.51
COLD SPRINGS					.08			1.00	.63			.70			.03	1.00										.30	.30	.10				4.18
COMBS R				1.35			.33	1.00	1.69	.04	2.21	.45		3.31												.20						10.80
COMPTON R						.20	.13		.64		2.44	.06		1.60											.50	.10		.39				6.06
CONWAY				.02			T	.92	.46	.14	1.30				3.10	.05		T								.78	.41					7.18
CORNING Z						T				.40			.07	.16	.43													T	.10	.27		1.43
COTTER								.83		.17	1.19	.07		1.29	.94											T	T	.38	T			4.87
CROSSETT								.02	2.83	.07			.39			3.90									T	.13			.02	.60		7.98
CRYSTAL VALLEY								T	.20		1.20					.83									T	.02	.04					2.31
CUMMINS FARM								1.30	.23	.27	.20				.27	.28										.75	.35					3.67
DAISY R							.04	4.13	1.40		.33				.68										.31	.01						6.92
DANVILLE Z					.03			.39	.37	.11	.03	1.61			.26	.80											T	.15		.03		4.18
DARDANELLE					.05			.95	.41	1.56		1.79	.21		.88	.83													.24	.29	.61	7.84
DE QUEEN							.10	.68	.06						.57									.90			.38		.15	.05		2.89
DENVER R							.06		.08	.02	.62	.21	.43	.82												.54	1.34		.94			3.08
DERMOTT									1.40	.08						.70																2.18
DES ARC								.94	.12	.21	.02	.38	.07	.25	.82	.37												.70			.03	4.11
DEVILS KNOB			.58	.34			T	.37	1.20	T	.79	.09			1.12						T				T	T	T		.89			5.78
DUMAS 1				T				.97	.81	.05	T				.35	.32										.32	.02					3.24
DUMAS 2 R							.79	.16	.75						.66	.20										.29						2.85
DURHAM R				.03			.25	.53	1.65	.25	3.13	.40	.10	2.78												.40		.35	.58			10.49
EAGLE GAP					T	.14	.08	3.87	.36	.21	.02	1.45			.04	1.75									T	.23	.39	.03	.04			8.63
EL DORADO									.60	.03	.05					1.46										.06		.27	.16		.02	2.65
ELKINS								.36	.36	1.94	.12	3.74	.44	.12	3.00												.44		.12	.44		11.08
EUREKA SPRINGS							.30		.30		1.04	.43	.20	1.65												.03		.35	.37			4.69
EVENING SHADE				T			T	.34		.93	T		.10	1.34		.30											.31					3.52
FAYETTEVILLE			.13			T	.31	.65	1.32	.01	3.36	.61	.09	3.21											T	.12	.01	.05	.20			10.49
FAYETTEVILLE EX S			.02				.54	.67	1.76		2.32	.47	.29	3.78	T									T	T	.10	T	.33	.06			10.36
FORDYCE								2.00	2.41	.50						1.22										.10						6.23
FOREMAN R																								-	-	-	-	-	-	-	-	-
FORESTER					.16			1.18	.73	T						.16										.60	.05	.12	.10			3.10
FORREST CITY R										.26	.10		.60		1.56															.18		2.70
FORT SMITH WB AIRPORT Z				T		.04	.23	1.83	.34	T	.01	.17	.01	.01	.26									.03	T	.07	.05	.32	.02			3.39
FORT SMITH WTR PLNT				.24			.20	.69	.51		1.46	.13	.25		.59	.74								T	T	.18			.33			3.32
FOUNTAIN HILL								.25	3.00	.40					1.15																	4.80
FULTON	T						T	T	T	.63						.90									T	.17	.18	.03	.26	.05		2.22
GARLAND	.21															1.49										.11			.23			2.04
GEORGETOWN							.10	.29	.15	.11		.34	.07	.81	2.48	.07										T					.14	4.36
GILBERT Z							T	.08	.30	.39	.69	.25	T	.87	.94											.65	.46	T	.05			4.68
GLENWOOD								2.20	.51							.97																3.68
GRANNIS				T				.95	.30	.12						2.52									.48	.11	.10	.04	.17	.26		5.03
GRAVELLY							.02	.90	.74	.07	.02	.30				.22									.11	.13	.02	1.14				3.87
GRAVETTE							.22	.68	1.17		1.80	.50	.18	1.40												.23	.22	.24				6.64
GREEN FOREST								.42		.19	1.00	.32	.19	.33	.62												.42	T	.34			3.83
GREEN MOUNTAIN								.13	.54		.36			1.10																		2.33
GREENWOOD				T		T	.21	1.42	.10		.17	T	T		.18									T	T	.11	.09	.26	.69			3.23
GURDON					T		.01	.40	2.25	.25						.89										.03	.10		.01		.09	4.03
HAMPTON									1.28							.93										.06						2.27
HARDY R			-	-	-	-	-		.03	.11			.75	.45							-	-	-	-	-	-	-	-				-
HARRISON							.15	.41	.40		1.18	.09	.22	1.78												.63		.78				5.64

See Reference Notes Following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
HARRISON AIRWAY	Z						.02	.12	.36	.42		1.24	.12	.21	1.80											T	.62	T	.94		T		5.85
HEBER SPRINGS 3SW	R				.37				.60	.45	.08		.37	.24		1.65														.12			3.88
HECTOR					.33	.10		.01	.06	.19	.63	.25	.83	.08		.01	T			T							T	.31	.07		T	.15	3.02
HELENA						.16			.05	.52	.30		.12		1.38	3.15	.59											.52			.05		6.84
HENDERSON			T	.40										.40	1.17										T	T	T	.03					2.00
HOPE								T		1.21	.11						1.12									T	T	.05	.01	.03	.20		2.73
HOPPER								.03	1.16	.66	.17		.44				.89										.36						3.71
HORATIO		.07							.13	.42	.29						.29										.07	.32			.51		2.10
HOT SPRINGS							T	T	.49	.83	.26		.45			.02	.30	.03									.01		.10		.11		2.60
HUNTSVILLE	R			.90				.12	.14	1.28		1.45	.42	.22	2.33												.10		1.55				8.51
HUTTIG DAM	Z							.04		.11	.02	.09			.32		4.00										.54			.04			5.16
JASPER					.41				.08		.78	1.01	.20	.03	.66	.65	T										.59			.51			4.92
JESSIEVILLE						T			.59	.29			1.14				1.14												.27				3.43
JONESBORO											.09		.02		.34	.16															.12		.73
KEO		.17							1.12	.18	1.80	.70		.10		.41	.11										.14	.11					4.84
KINGSLAND	R								3.08	1.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE CITY											.11	.04		.07	.45																		0.67
LEAD HILL								T				T	.09	.60	.49												.78	T	.04		.50		2.50
LEE CREEK					.15			.29	1.37	.15	.42	.30	1.33		.18	.77	1.34										.27	.05	1.45	.03			8.10
LEOLA									.98	1.00	T	.30					1.89										.19					.09	4.45
LITTLE ROCK WB AP	Z							.34	.46	.25	.28	.78			.01	.63										T	.41	.04			.11		3.31
LITTLE ROCK FILT PL								.30	.49	.24	.26	.87			.03	.64											.25	.03			.02		3.13
LOCK AND DAM NO 3					.04				.10	.52	.32		.40		.88	.14										.06	.10		.09	T			2.65
LOST CORNER					.01	.31					.48	.20	.47		.37	T	.03									.17	.27	.04					2.35
LURTON					.10	.02		T	.05	.06	.94	2.11	.37	.08	.66	.40	.02										.12	.12	.05		.40		5.50
LUTHERVILLE					.10			.10	2.19	1.00	.05	1.18	.21			.15						.15						.06		.30			5.49
MADISON						T		T	T	T	.23		.12		.20	1.30																.10	1.95
MAGNOLIA	Z									T						*	1.65											.40		.41			2.46
MALVERN							.04		.03		1.30	.37	T	.58			.66										.02	T	T				3.00
MAMMOTH SPRING											.27				T	.58													.49				1.34
MARIANNA	Z					T				.35	.18		.20	T	.37	*	2.00											.69			.25		4.04
MARKED TREE										.25	.05				3.75	.27																	4.32
MARSHALL				T	.06			T	.47	.42		.73	T	.16	1.50	T										T	.86	.04	1.04				5.28
MARVELL									.56	.48			1.13	.11	1.98	T																	4.26
MAUMEE	R					.10			.12	.24	.03	.83			1.74										.12	.58	.53				.10		4.39
MELBOURNE										.15	.80	.30			.80	1.07											.10	T					3.22
MENA	Z					.74		.05	3.40	1.04	.55	T	.48			.03	.10									.27	.03	.03	.03	.40			7.15
MONTICELLO	Z								2.96	.64	.06	T				.68											.03	.12					4.49
MONTROSE	R								2.06	.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOROBAY L D 8	Z								.75		.08						1.43									.16	.01			.22			2.65
MORRILTON						T			.86	.91	.73		1.06			3.30	.65			T							T	.12	.10			.35	8.08
MOUNT IDA 1	R				.14				1.00	.53	.06	1.20				.70													-	-	-	-	-
MOUNT IDA 2					.23				1.33	.30		1.49			.10	.63																	4.08
MOUNTAIN HOME	Z									.10		.40		.25	1.85												.05						2.65
MOUNTAIN VIEW					T	T		T	.69	.27		.68		.23	.44										T	.22	.08	.02		T			2.63
MOUNTAINBURG					.25		T		.89	.63		1.03	.17	.21	.60	.45											.08						4.31
MULBERRY					T			T	1.00	T	.84	.71	.55	T	T	.86	.22									T	T		T	T			4.18
NASHVILLE		T	T					.01	.87	.47		.05					1.09									T	.02	.05	T				2.56
NATHAN						T			T	2.06	.29						.25										.14	.06	1.38			T	4.18
NEWHOPE										2.42	.53						.64									.19							3.78
NEWPORT									.20	.02	.05		.30		1.40	.47										.06	.55		1.37			.10	4.52
NIMROD DAM	Z				T				.60	.22	1.00	.05	1.13			.06	.72										.11	.06	.16	.04			4.15
NORFORK DAM	Z										.02	.25			-	.70	-									.30	.02	.04					-
ODELL					.39			.17	2.20	.31		.37	.79	1.79	1.05	.60	.87										.41	.02	.05	.27	.17		9.46
ODEN		-	-	-	-	-	-		1.41	.24	.15	.76	T			.75																	-
OKAY									.07	.26						1.25	.32										.08	.01			.04		2.03
OSCEOLA										T	T			1.13																	.12		1.25
OWENSVILLE						T	T		.60	.73	.90	T	1.02			T	.48											T	.05		.90		4.68
OZARK					.46				2.00	.17	1.11	.45	.59	.11											.15		T	T	.06	T			5.10
PARAGOULD		1.22									1.06			.07	.45													T	*		.19		2.99
PARKIN										.40			.25		1.50																		2.15
PARTHENON	R							.05		.90	.02	1.52	.07	.19	1.91												.14		.49				5.29
PERRYVILLE									1.30	.80	T	2.10				1.62	T											1.50					7.32
PINE BLUFF									.13	.53	.37		.15				1.84										.10	.01	.11				3.24
PINE RIDGE						.16			.88	.59		.16	.24													T	.34		.28				2.65
POCAHONTAS 1											.18			.08	.56												.14	.30	T				1.26
PORTLAND										2.25	.20	.20					1.32										T	T					3.97
PRESCOTT										2.33	.34						1.01										T	.44	T	.02	.02		4.16
PRESCOTT SCS	R								2.32	.39						1.02											.48		.03				4.24
PYATT	R							.04	.03	.28		.86		.44	1.62										.10		1.27		.25				4.89
RATCLIFF			T					T	1.39	.54	T		.63	T			.15								T	T		T	.20			T	2.91
RAVANA	R														*	*	*	.58								.16					.05		.79
REMMEL DAM	R				.05				.86	.55	.04	.69				.33														.12			2.64
ROCKHOUSE								T		T	1.72		.60	1.65																			3.97
ROGERS								.30	.38	.73		2.30	.42	.42	2.20												.21		.82	.02			7.80
RUSSELLVILLE					.12			.04	.97	1.90		.98				3.22	T									.20		.15					7.58
SAINT CHARLES							T		1.10	1.15	1.22	.20	.68	.02	T	.45	.55											.05					5.42
SAINT FRANCIS											.12				.08	1.87														.44	.74		3.25
SEARCY					.17				.33	1.25	.18	T	.43	.02	.36	1.38	.02											.41			.03		4.58
SHIRLEY							T		.38	.12		.49		.69		.05										.08	T	T		.09			1.90
SILOAM SPRINGS							T	.96	2.02	1.40		2.80	.82	.05	2.21											T	.45	.20	.24				11.15
SMITHVILLE	R								.16	.07	.31			1.05	.67													.04					2.30
SPARKMAN									2.11	.99	.50					1.15	T												.33				5.08
STEVE					.30				.77			1.68				.46											T	.25	.41	.80			4.67
STORY									.78	.49	.19	T	.23				.76									.28		.18		.92			3.83
STUTTGART								1.84	.12	1.63	.09	.23	.16			T	.60												.52				5.19
STUTTGART 9ESE	Z								1.00	1.03	2.00		.20	.15	.01	.22	.58											.01	.28				5.48
SUBIACO					.44				1.32	.56		1.23	.34			.12									T	T	.20	.17	T	.10			4.48
SUGAR GROVE					.15				1.07	.15	.14	.52	.14			.17	1.56									T	.50			T			4.40
SUGAR LOAF MTN						.10			.76	.05	.09		.33		.55	.93												T	.05		.02		2.88
TAYLOR										.04							.31										.45		.60				1.40
TEXARKANA WB AP //	Z						T	T	T	.15						2.55									T	.08	T	.09		.06			2.93
TURNPIKE					.67			.06	.15	.65		1.95	.53		.24	.13											.15	.11	.11				4.75
VIOLA											.25				.10	T												.92					1.27
WALDRON	Z			T	.18		T	T	1.70	T	T	.25	T			1.22									.20		T	T	.65				4.20
WALNUT GROVE								.42	.22		.37				4.75															.68			6.44
WEDDINGTON LAKE	R							.56	1.30	1.77	.05	2.83	.50	.11	3.95												.52		2.25	.10			13.94
WEST FORK	R				.35			1.10	.83	2.85	.03	2.70	.62	.06	3.52												.48		.04	2.58			15.16
WHEELING	R						-				.09	.16		.10	.30												.09	.02					0.76
WHITE ROCK					.65			.63	.78	1.36	.20	2.06	.29	.06	.39	.92											.18		.86				8.38

See Reference Notes Following Station Index

TABLE 3 — Continued
DAILY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION		DAY OF MONTH																															TOTAL
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WINFREY	R			.14		.78	.57	1.55		2.66	.40	-	-	-	-	-	-												1.47	.20			-
WING	R				.30				.80	.20	.02	1.49			.09	1.25												.50		.40			5.05
WYNNE					.64			T	.41	.02	.14	.20		.25		.09																.32	2.07
YELLVILLE												.89	.41	1.13	T	.37										.25			.28				3.33

See Reference Notes Following Station Index

ARKANSAS
AUGUST 1948

TABLE 4
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																									
BEEBE	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BULL SHOALS DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-2d-																									
BULL SHOALS DAM	-	-	-	-	-	-	-	-	-	-															.00
CANAAN																		.01	.04						.05
-3d-																									
BOTKINBURG																		.01		.04					.05
CLARKSVILLE														.89	.05										.94
HARDY																		-	-	-	-	-	-	-	-
HUNTSVILLE																	.08	.80	.02						.90
WINFREY					.09	.05																			.14
-4th-																									
AUGUSTA										*	*	.20													.20
BLUE MOUNTAIN OAM								.05																	.05
BOONEVILLE								.03																	.03
CLARKSVILLE		.02		.02	.01		.10	.02	.01																.18
COMBS					.38	.02	.45	.70																	1.55
DANVILLE								.03																	.03
DURHAM				.05																					.05
HEBER SPRINGS 3SW									.18	.19															.37
MENA									.70	.04															.74
MOUNT IDA 1									.20	.03															.23
REMMEL DAM										.05															.05
WALDRON	.01	.01	.01					.11		.04															.18
WEST FORK								.03	.02			.23	.07												.35
WING								.10	.20																.30
-5th-																									
MAUMEE													.05	.05											.10
WINFREY								.10	.05	.05	.07	.51													.78
-6th-																									
CLARKSVILLE													.01	.09	.01										.11
COMPTON																	.20								.20
HARRISON AIRWAY 6																			*	*	*	*	*	*	-
MENA																	.01	.02							.03
WINFREY			.07	.08	.07	.20	.10		.05																.57
-7th-																									
ALY													.10	.02											.12
ARKADELPHIA																					.04				.04
BLUE MOUNTAIN DAM													.05												.05
BOONEVILLE											.04	.07													.11
BOTKINBURG																							.05		.05
CAMDEN 2										.01							.02				.01	.30	.01		.35
CANAAN													.06												.06
COMBS											.25	.05	.05												.35
COMPTON											.08	.05													.13
DAISY																					.01	.02	.01		.04
DENVER												.02	.04												.06
DUMAS 2																				.13	.02	.08	.44	.12	.79
DURHAM											.18	.05	.02												.25
GILBERT								.02						.08			.01								.11
HARDY	-	-	-	-	-	-	-	-	-	-															-
HARRISON AIRWAY 6	.02						*	*	*	*	*	*	.04	*	*	*	*	*	.08						-
HUNTSVILLE					.01					.01	.02	.04	.04												.12
HUTTIG DAM						.04																			.04
LITTLE ROCK WB AP																						.34			.34
MENA																				.10				.06	.16
NIMROD DAM														.02		.01									.03
PARTHENON													.04	.01											.05
PINE BLUFF 3N																						.06	.04		.10
PYATT													.03	.01											.04
WALDRON											.02														.02
WEDINGTON LAKE							*	*	*	*	*	.56													.56
WEST FORK			.60	.03	.22	.25																			1.10
WINFREY								.70	.13	.37	.02				.33										1.55
-8th																									
ALICIA									.25	.05	.14	.06													.50
ALUM FORK				.02	.09	.08	.11	.10	.09	.03	.02	.01													.55
ALY		.03	.11	.13	.15	.06	.22	.18	.06	.05	.01			.03	.05		.01								1.09
APPLETON	.05	.01	.01	.04	.40	.12	.01		.09	.01															.74
ARKADELPHIA				.01	.02	.02	*	1.70	.18	.10	.01	.04													2.08
AUGUSTA			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.50							.50
BATESVILLE L D 1											.05	.01	.01												.07
BEAR CREEK LAKE									.05	.03	.04	.08	.07									.10	.10		.47
BERRYVILLE											.10	.05	.02	.03											.20
BLUE MOUNTAIN DAM			.03	.04	.16	.14	.15	.12	.07	.01	.05	.01		.04											.82
BOONEVILLE	.01	.15	.09	.09	.05	.16	.23	.20	.04	.03	.06	.04	.01	.17	.02										1.35
BOTKINBURG	.02										.06	.10													.18
BRINKLEY //						.02	*	.23	.15	.03	.20	.06		.01				.02			.01			.01	.74
CAMOEN 2								.03	.22	.36		.02		.01		.06	.01		.02						.73
CANAAN										.02	.36	.11	.01												.50
CARPENTER DAM				.05	.07	.05	.19	.14	.11	.05	.02					.06	.07								.81
CLARKSVILLE		.38	1.25	.02	.06	.07	.07		.18		.05	.03	.01	.01							-	-	-	-	-
COMBS				.40	.05	.20	.20	.05		.01	.04	.03		.01	.01										1.00
OAISY		.01		.06	.89	1.45	.95	.10	.18	.27	.05	.04		.03	.01	.01						.02	.01	.07	4.15
DANVILLE	.01	.01	.08	.01	.09	.18	.12	.18	.06	.02															.76
DUMAS 2	.01	.05		.02	.02	.01		.05																	.16
DURHAM				.10	.05	.15	.15	.05		.01	.02														.53
GILBERT												.22	.07		.01										.30
HARRISON AIRWAY 6	*	*	*	*	*	*	.03	*	*	*	*	*	.32	*	*	*	*	*	.01						-
HEBER SPRINGS 3SW																								.60	.60
HUNTSVILLE							.10	.02	.01	.01															.14
KINGSLAND							.03	1.12	.88	.07	.01	.01	.02	.01	.01	.06	.02	.07		.49	.13	.05	.08	.02	3.08
LITTLE ROCK WB AP				.01	.03	.07	.11	.05	.06	.07		.01	.02		.01	.01	.01								.46

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MARIANNA								.01	.04	.05	.05	.10	.05												.30
MAUMEE												.10	.01					.01							.12
MENA	.39	.60	.13	.62	.95	.33	.17	.33	.25	.10	.14	.05	.01												4.07
MONTICELLO								.04	.21	.25	1.35	.05	.05			.01	.02	.02		.28	.22	.10	.12	.11	2.83
MONTROSE								.05	.02	.01	.52	.10	.02		.01	.01		.13	.01	.12	.60	.22	.18	.06	2.06
MOROBAY L D 8								.05	.02	.43	.24	.01													.75
MOUNT IDA 1	.01	.04	.10	.07	.07	.10	.16	.18	.12	.08	.02		.01		.13	.23	.01								1.33
NIMROD DAM				.02	.13	.13	.10	.15	.04	.01		.01	.01	.01	.01			.01							.63
PINE BLUFF 3N								.01	.04	.20	.20			.01	.01			.01							.48
PRESCOTT SCS								1.00	.98	.12	.08	.01	.01			.12									2.32
PYATT					.03																				.03
REMMEL DAM					.12	.09	.13	.19	.17	.05				.01		.06	.04								.86
SMITHVILLE								.15	.01																.16
STUTTGART 9ESE	*	*	.78	.04	.02		.07	.30	.30	.10	.25	.05		.01		.01	.01	.02							1.96
WALDRON		.09	.52	.12	.02	.15	.21	.18	.08	.10	.10	.02		.06					.05						1.70
WEDINGTON LAKE		.20	.35	.10	.15	.10	.20	.10	.02	.03	.02	.02	.01												1.30
WEST FORK			.24	.16	.10	.08	.10	.07		.04	.01	.03													.83
WING				.15	.15	.10	.10	.18	.02				.05		.05										.80
—9th—																									
ALICIA																			.02	.02			.01		.05
ALUM FORK								.15	.01	.03	.02	.14	.40	.39	.01										1.15
ALY				.16		.75	.10		.04	.01															1.06
APPLETON									.01	.02	.16	.06	.06	.04				.30							.65
ARKADELPHIA		.35	.09	.21	.10				.03	.05		.03	.10	.01	.02										.99
AUGUSTA															*	*	*	*	*	*	*	*	*	.15	
BATESVILLE L D 1																						.01	.01	.04	.06
BLUE MOUNTAIN DAM						.19	.01	.04	.01		.03	.06													.34
BOONEVILLE											.10	.15													.25
BOTKINBURG																	.10	.14			.02				.26
BRINKLEY //																					.14			.01	.15
CAMDEN 2				.02										.04	.01										.07
CANAAN											.03	.07	.01	.03		.01	.50	.07		.01					.73
CARPENTER DAM					.08	.01	.03				.03														.15
COMBS					.03	.01		.40	.09	.13	.09	.29	.10			.50	.05								1.69
COMPTON										.10	.10	.01			.37	.04	.02								.64
CORNING																			.18	.05			.07	.02	.32
DAISY		.05	.75									.30	.05	.23	.02										1.40
DANVILLE							.70′					.10	.01												.81
DENVER												.06	.02												.08
DUMAS 2															.55	.17	.01		.02						.75
DURHAM							.05	.18	.02	.30	.20	.03			.82	.05									1.65
GILBERT											.01	.07	.02			.01	.15	.13							.39
HARDY																				.03					.03
HARRISON AIRWAY 6							*	*	*	*	*	*	.08	*	*	*	*	*	.34						-
HEBER SPRINGS 3SW	.12	.02		.01	.25	.05																			.45
HUNTSVILLE								.02	.12	.06	.13	.11	.01		.60	.22			.01						1.28
HUTTIG DAM						.02		.03																	.05
KINGSLAND	.08	.01	.76	.39	.10	.11	.02						.03	.01	.01						.01		.01		1.54
LITTLE ROCK WB AP													.07	.16	.02										.25
MAUMEE												.05	.03				.12	.04							.24
MENA		.15	.03	.01	.01					.43	.05		.03				.02								.73
MONTICELLO	.07	.03	.17	.02	.13	.14	.01																		.57
MONTROSE	.04	.01			.02	.60	.08																		.75
MOUNT IDA 1			.03	.13	.01							.05	.08												.30
MOUNTAIN HOME																	.08	.02							.10
NIMROD DAM							.10		.02		.36	.05	.56	.01											1.10
NORFORK DAM																.01	.06	.02					.02	.11	.22
PARTHENON										.09	.11	.09	.04			.26	.30	.01							.90
PINE BLUFF 3N									.01	.04	.02				.08	.01									.16
PRESCOTT SCS			.06									.14	.15	.01						.03					.39
PYATT												.02	.01			.15	.05		.05						.28
REMMEL DAM			.02		.16	.07		.02		.11	.02	.12	.02	.01											.55
SMITHVILLE′																		.02	.04					.01	.07
TEXARKANA WB AP //												.07	.05	.02	.01										.15
WEDINGTON LAKE							.25	.06	.71	.19	.11			.10	.33	.02									1.77
WEST FORK							*	*	*	*	*	*	*	*	*	2.85									2.85
WINFREY				.60	.48	.12	.20					1.04	.22												2.66
WING									.05			.10	.02	.02		.01									.20
—10th—																									
ALICIA	.25																								.25
ARKADELPHIA									.14	.07															.21
AUGUSTA	*	*	*	*	*	.28																			.43
BATESVILLE L D 1	.02	.01																							.03
BEAR CREEK LAKE			.14	.04																					.18
BRINKLEY //									.02		.03														.05
CAMDEN 2								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
COMBS															.03	.01									.04
CORNING				.02	.02	.01																			.05
DENVER						.02																			.02
DURHAM				.02	.23																				.25
FOREMAN												.04	.01												.05
FORREST CITY								.20	.06																.26
HARDY	.01	.04	.03	.03																					.11
HEBER SPRINGS 3SW													.03	.02		.02	.01								.08
HUTTIG DAM											.07	.03					.07								.17
KINGSLAND	.01		.01							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITTLE ROCK WB AP		.03	.13	.01	.11																				.28
MARIANNA			.06	.05																					.11
MAUMEE							.01	.02																	.03
MENA		.03			.01	.01																			.05
MONTICELLO												.03													.03
MONTROSE													-	-	-	-	-	-	-	-	-	-	-	-	-
MOROBAY L D 8										.05	.04														.09
MOUNTAIN HOME																								.04	.04
NORFORK DAM	.02																								.02
PARTHENON													.02												.02
PINE BLUFF 3N				.04	.02																				.06
REMMEL DAM			.04																						.04
SMITHVILLE	.12		.03	.12					.02	.01	.01														.31
STUTTGART 9ESE			.35	.60	.28	.75																			1.98
WEDINGTON LAKE				.05																					.05
WEST FORK				.03																					.03
WHEELING																	.02	.02	.04				.01		.09
WINFREY								.20	.10	.10															.40

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
WING					.02																				.02
—11th—																									
ALICIA									.05	.05															.10
ALUM FORK									.25	.60	.10	.01	.05		.01										1.02
ALY									.45	.28	.06	.04	.02	.08	.01										.94
APPLETON								.95	.25	.10	.06	.04	.01												1.41
ARKADELPHIA													.06	.01	.01										.08
AUGUSTA								*	*	*	*	*	.63												.65
BATESVILLE L O 1								.05	.10	.15	.02														.32
BERRYVILLE					.05	.48	.02			.14	.01														.70
BLUE MOUNTAIN DAM								.69	.14	.02	.08														.93
BOONEVILLE						.04		.02	.04		.01														.11
BOTKINBURG							.10	.10	.18	.12	.10														.60
BRINKLEY //										.30	.40	.03		.02											.75
BULL SHOALS DAM							.30	.05																	.35
CAMDEN 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CARPENTER DAM											.23	.17	.05	.08	.12										.65
COMBS			.01	.02	.03	.12	.70	.45	.40	.38	.07	.03													2.21
COMPTON					.57	1.55	.15		.05	.01	.01				.01	.01		.02	.01	.02	.02	.01			2.44
DAISY													.33												.33
DANVILLE								.60	.30	.40	.02	.20													1.52
DENVER						.54	.03				.01				.04										.62
DURHAM					.55	.33	.93	.59	.63	.12															3.15
FORREST CITY											.04	.06													.10
GILBERT						.15	.57	.09	.06	.08			.01		.01										.97
HARRISON AIRWAY 6		*	*	*	*	*	1.10	*	*	*	*	*	.14												-
HUNTSVILLE					*	*	.85	.40	.18	.02															1.45
LITTLE ROCK WB AP									.01	.05	.60	.12													.78
MARIANNA											.11	.04	.01												.16
MAUMEE							.62	.07	.06	.03	.01	.01					.02	.01							.83
MENA												.02		.05			.10								.17
MOUNT IDA 1											.60	.40	.45	.02	.02										1.49
MOUNTAIN HOME	.01							.29	.02	.02															.34
NIMROD DAM									.50	.28	.16	.11	.05												1.10
NORFORK DAM								.42	.03																.45
PARTHENON						.84	.60	.02	.02	.03		.01													1.52
PINE BLUFF 3N										.02			.08	.07											.17
PYATT						.75	.07	.01	.02	.01															.86
REMMEL DAM											.27	.18	.11	.09	.04										.69
STUTTGART 9ESE												.09	.05	.01			.01								.16
WALDRON										.10	.10	.05				.02	.02								.29
WEDINGTON LAKE					.33	.50	.35	.65	.90	.10															2.83
WEST FORK					.50		.33	.62	.75	.30	.20														2.70
WHEELING	.06	.05	.05																						.16
WINFREY										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WING									.60	.85		.04													1.49
—12th—																									
BERRYVILLE					.01		.09	.10																	.20
BLUE MOUNTAIN DAM				.02	.01	.01	.01	.03	.02																.10
BOONEVILLE						.40	.05																		.45
BRINKLEY //															.03										.03
CAMDEN 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CANAAN							.34	.06	.08	.07															.55
COMBS					.01	.19	.10	.11	.04																.45
COMPTON																	.01		.01	.01	.01	.01		.01	.06
CORNING																					.05				.05
DENVER						.03	.11	.03	.04																.21
DURHAM					.10	.15	.15																		.40
GILBERT										.01															.01
HARRISON AIRWAY 6	*	*	*	*	*	*	.02	*	*	*	*	*	.10												-
HEBER SPRINGS 3SW								.09	.10	.08	.09	.01													.37
HUNTSVILLE					.02	.15	.18	.05		.01	.01														.42
MENA						.10	.20																		.30
PARTHENON			.01	.01			.02	.01	.02																.07
STUTTGART 9ESE															.15										.15
WEDINGTON LAKE				.02	.12	.16	.12	.08																	.50
WEST FORK					.25	.19	.17		.01																.62
—13th—																									
ALICIA													1.40	.09	.01	.01	.02								1.53
AUGUSTA													*	*	*	.61									.61
BATESVILLE L O 1													.16	.04											.20
BERRYVILLE									.19	.06	.05		.02												.32
BOTKINBURG												.08													.08
BRINKLEY //												.01			.41			.01							.43
BULL SHOALS DAM										.07	.24	.04													.35
CAMDEN 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CANAAN											.36	.01													.37
CORNING														.02	.01										.03
DENVER									.31	.06	.08														.45
DURHAM									.10																.10
FORREST CITY															.60										.60
GILBERT												.01													.01
HARDY													.75												.75
HARRISON AIRWAY 6							*	*	*	*	*	*	.21												-
HEBER SPRINGS 3SW													.24												.24
HUNTSVILLE									.20	.02															.22
HUTTIG DAM																	.15	.03							.18
MARIANNA															.30	.03									.33
MOUNTAIN HOME											.20	.02	.02												.24
PARTHENON										.16	.01						.02								.19
PYATT										.40		.03	.01												.44
SMITHVILLE												1.00	.05												1.05
WEDINGTON LAKE							.02	.09																	.11
WEST FORK				.02	.02	.01			.01																.06
WHEELING												.08	.02												.10

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-14th-																									
ALICIA					.03	.07	.40	.06	.04	.05	.02														.67
BATESVILLE L O 1	.34					.43	.23																		1.00
BERRYVILLE					.04	.01	.08	.42	.53	.17	.09	.01		.05											1.40
BLUE MOUNTAIN OAM																			.25						.25
BOTKINBURG								.10			.04	.01													.15
BRINKLEY //										.01	.03			.01											.05
BULL SHOALS OAM				.52	.10	.03	.03	.12	.11	.17	.10	.07				.05									1.30
CAMOEN 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CANAAN	.01	.14			.26	.03	.06	.10	.11	.06	.09	.04	.01												.91
COMBS				.63	.50	.12	.95	.28	.50	.24	.06	.02	.01												3.31
COMPTON			.09	.24	.08	.05	.40	.12	.30	.18	.13	.01													1.60
CORNING							.01	:16	.15	.14	.04	.01	.01	.01	.01					.01					.55
OANVILLE																		.02	.15	.03				.01	.21
OENVER				.03	.03	.01	.12	.18	.18	.13	.13	.01													.82
DURHAM		.04	1.01	.13	.07	.90	.03	.02	.50	.08															2.78
GILBERT		.20		.01	.57	.07		.11	.18	.21	.11	.19	.12	.02				.01							1.80
HAROY					.05	.09	.08	.03				.05	.05	.08	.02										.45
HARRISON AIRWAY 6	*	*	*	*	*	*	.85	*	*	*	*	*	.92	*	*	*	*	*	.03						-
HUNTSVILLE			.45	.10	.10	.29	.11	.40	.64	.17	.07														2.33
LITTLE ROCK WB AP																						.01			.01
MAUMEE		.05	.03	.12	.55	.07	.01	.12	.15	.28	.10	.17	.05			.03	.01								1.74
MOUNT IOA 1																		.10							.10
MOUNTAIN HOME					.88	.02	.05	.05	.10	.08	.13	.45	*	*	*	.24									2.00
NIMROO OAM																			.05						.05
NORFORK OAM											1.13	.02													1.15
PARTHENON	.15	.25		.08	.07	.08	.51	.14	.04	.31	.18	.07	.03												1.91
PYATT				.70	.12	.04	.01	.13	.16	.20	.11	.13	.02												1.62
RAVANA														*	*	*	*	*	*	*	*	*	*	*	*
SMITHVILLE					.08	.04	.10	.13	.02	.01	.04	.09	.06	.06	.04										.67
WALORON																			.38						.38
WEDINGTON LAKE		.45	.20	.09	1.11	.70	.20	.90	.16	.05	.01	.08													3.95
WEST FORK		.37	1.23	.16	.36	.75		.35	.25	.05															3.52
WHEELING						.15	.05	.05	.05																.30
WING																		.03	.06						.09
-15th-																									
ALUM FORK															.63	.04	.01	.02	.05	.04	.01				.80
ALY														.05	.03		.02	.03	.01						.14
ARKAOELPHIA																	.20	.09	.02	.04					.35
ATLANTA																								.25	.25
AUGUSTA	*	*	*	*	*	*	1.76																		1.76
BERRYVILLE												-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLUE MOUNTAIN OAM													.97	.20	.01		.01	.02	.01						1.22
BOONEVILLE												.10	.94	.02			.06	.02			.01		.01	.01	1.17
BRINKLEY //			.11	.49	1.05	.43	.17	.10	.05	.01	.04	.01	.03	.01				.01	.01		.01	.01			2.54
CAMOEN 2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.27	.41	.14	.22	.02	.17	.15		1.38
CARPENTER DAM															.12		.04	.09	.06	.06					.37
OAISY					.02											.01	.53	.02	.07	.03					.68
OANVILLE														.69	.11	.01									.81
OUMAS 2																		.37	.08	.02	.10	.07	.02		.66
FORREST CITY	.14	.02	.18	.66	.26	.28	.02																		1.56
HEBER SPRINGS 3SW		.39	.82	.39	.05																				1.65
HUTTIG DAM																			.73	1.52					2.25
LITTLE ROCK WB AP							.37									.04	.07	.01	.06	.06	.01	.01			.63
MAGNOLIA																.05	.35	.09	.01			.14	.81	.15	1.60
MARIANNA			.10	.50	.72	.28	.33		.07																2.00
MENA				.02												.07	.01								.10
MONTICELLO																		.17	.03	.10	.15	.09	.06		.60
MOROBAY L D 8																			.70	.02	.08			.42	1.22
MOUNT IOA 1															.52	.01	.07	.01	.02						.63
NIMROO DAM														.54	.08	.02	.01	.01	.04						.70
NORFORK OAM			.63	.03	.75	.12	.05		.14	.06	.30	.05	.10			.03	.02								2.28
PINE BLUFF 3N																	1.30	.05	.05	.14	.11	.05			1.70
PRESCOTT SCS										.01	.01	.01		.01				.75	.14	.09					1.02
RAVANA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
REMMEL OAM															.03		.06	.10	.06	.08					.33
STUTTGART 9ESE								.12	.02			.14					.01	.03	.01	.02	.33	.04		.01	.73
TEXARKANA WB AP //																.40	2.02	.08	.03			.01	.06		2.60
WALORON													.59	.16	.04			.02							.81
WING													1.10	.08	.05	.01				.01					1.25
-16th-																									
ATLANTA	.27	.10					.15	-	-	-	-	-													-
BRINKLEY //									.01	.01															.02
OUMAS 2		.01	.17	.01	.01																				.20
HUTTIG DAM	1.25	.10	.17	.03	.01	.02	.02																		1.60
MOROBAY L O 8	.11	.06	.01																						.18
RAVANA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WALORON							.02																		.02
WINFREY	-	-	-	-	-	-																			-
-17th-																									
RAVANA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.58									.58
-21st-																									
BEAR CREEK LAKE											.17	.16	.02												.35
HAROY																			-	-	-	-	-		
-23d-																									
BEAR CREEK LAKE															.35	.09									.44

See Reference Notes Following Station Index

ARKANSAS
AUGUST 1948

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—24th—																									
BLUE MOUNTAIN DAM																	.03								.03
FOREMAN																				-	-	-	-	-	-
MAUMEE																.11	.01								.12
MENA																.14	.08	.05							.27
NORFORK DAM																	.25								.25
PYATT																	.10								.10
WALDRON															.20										.20
—25th—																									
ALUM FORK															.02	.17	.01								.20
ALY																	.55								.55
BEAR CREEK LAKE				.53	.95	.25	.47	.05	.03	.01	.01														2.30
BLUE MOUNTAIN DAM													.03		.01	.01	.08	.04	.01						.18
BOONEVILLE																		.13	.07						.20
BOTKINBURG													.08	.10											.18
CAMDEN 2																			.05						.05
CANAAN																						.01	.02	.01	.04
COMPTON																.30	.20								.50
DAISY														.04			.07	.15	.01				.03	.01	.31
HUTTIG DAM																	.41	.04	.02						.47
MAUMEE															.58										.58
MOROBAY L D 8																		.17	.07						.24
RAVANA											.03	.07	.02		.04										.16
TEXARKANA WB AP //																		.05							.05
—26th—																									
ALUM FORK				*	*	*	*	*	*	*	*	*	.05												.05
APPLETON								.10	.03	.01							.02								.16
BOTKINBURG	.01	.01					.08	.06	.14	.01															.31
CANAAN	.01				.05	.13		.15	.02	.05															.41
COMBS			.03	.01	.01		.15																		.20
COMPTON							.10																		.10
DAISY	.01																								.01
DENVER								.46	.04		.03		.01												.54
DUMAS 2				.05	.23	.01																			.29
DURHAM						.20	.10	.09	.01																.40
GILBERT							.66	.34	.02	.04			.01	.02	.02										1.11
HARRISON AIRWAY 6							*	*	*	*	*	*	.62												-
HUNTSVILLE										.05	.02	.02	.01												.10
LITTLE ROCK WB AP					.01	.17	.23																		.41
MAGNOLIA																								.35	.35
MARIANNA														.05		.63									.68
MAUMEE								.45		.07	.01														.53
MONTICELLO										*	.03														.03
MOUNTAIN HOME		.03							.02																.05
NIMROD DAM						.02	.03																		.05
NORFORK DAM													.03												.03
PARTHENON							.10			.01	.01										.02				.14
PINE BLUFF 3N					.15																				.15
PRESCOTT SCS													.48												.48
PYATT						.15	.38	.54	.15	.02	.03														1.27
WEDINGTON LAKE							.10	.25	.04	.01			.10	.02											.52
WEST FORK							.05	.25	.18																.48
WHEELING													.05	.04											.09
—27th																									
ALY								.20																	.20
ARKADELPHIA															.01	.03									.04
BATESVILLE L D 1			.01	.32					.01	.02		.30													.66
BLUE MOUNTAIN DAM								.01	.56							.03	.02	.05							.67
BOTKINBURG																.05	.15								.20
BULL SHOALS DAM																	1.15	.11	.08	.01					1.35
DANVILLE									.05								.01	.05							.11
DENVER															1.10	.24									1.34
LITTLE ROCK WB AP				.01		.02								.01											.04
MENA							.05											.03							.08
MONTICELLO											.02	.01		.05	.01										.09
NIMROD DAM																.07	.03								.10
PINE BLUFF 3N													.05												.05
SMITHVILLE											.03	.01													.04
STUTTGART 9ESE														.05	.23										.28
TEXARKANA WB AP //																.08									.08
WHEELING						.02																			.02
WING									.50																.50
—28th—																									
ARKADELPHIA																	.02								.02
BLUE MOUNTAIN DAM														.05	.07										.12
BOONEVILLE															.06	.03									.09
BOTKINBURG																	.10								.10
CAMDEN 2																			.07	.06					.13
COMPTON												.02	.28	.05	.01	.03									.39
CORNING															.10										.10
DURHAM											.20	.01	.07	.06	.01										.35
GILBERT															.12										.12
HARDY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						-
HARRISON AIRWAY 6							*	*	*	*	*	*	.26	*	*	*	*	*	.68						-
HUNTSVILLE											.05	1.35	.15												1.55
HUTTIG DAM																		.05							.05
MAGNOLIA																			.38	.02					.40
MENA															.33	.02		.03							.38
MOROBAY L D 8																		.19	.01						.20
NIMROD DAM															.02										.02
PARTHENON														.49											.49

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
AUGUST 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PRESCOTT SCS																				.03					.03
PYATT														.05	.19	.01									.25
WALORON																.07	.47	.11	.02						.67
WEOINGTON LAKE												.80	1.20	.05	.07	.08	.05								2.25
WEST FORK																.01	.02	.01							.04
WINFREY											.15	.43	.72	.12	.05										1.47
−29th−																									
ALUM FORK										*	*	*	*	*	*	.15									.15
ARKAOELPHIA															.21	.01									.22
BOONEVILLE													.05												.05
CAMOEN 2															.04										.04
CORNING																								*	-
DENVER													.92				.02								.94
OURHAM											.48		.08	.02											.58
HEBER SPRINGS 3SW														.10	.02										.12
MARIANNA																				.21					.21
REMMEL DAM															.12										.12
TEXARKANA WB AP //														.05	.01										.06
WEOINGTON LAKE										.05	.05														.10
WEST FORK									1.39	.66	.37	.13	.02	.01											2.58
WINFREY												.20													.20
WING														.35	.03			.01	.01						.40
−30th−																									
ATLANTA	-	-	-	-	-	-	-	-	-	-															-
AUGUSTA																		*	*	.13					.13
BATESVILLE L O 1																			*	.11					.11
BULL SHOALS OAM										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORNING	*	.27																							.27
FORREST CITY																				.17	.01				.18
LITTLE ROCK WB AP																						.11			.11
MAUMEE																	.10								.10
RAVANA																.05									.05
−31st−																									
BEEBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BERRYVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BULL SHOALS OAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLARKSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOREMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See Reference Notes Following Station Index

ARKANSAS
AUGUST 1948

TABLE 5

DAILY TEMPERATURES (° FAHRENHEIT)

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX	87	91	92	84	82	83	85	85	76	88	86	90	93	88	83	87	90	90	94	93	95	95	93	91	89	84	90	91	92	93	90	88.7
	MIN	62	63	65	68	62	55	65	65	68	70	69	69	74	70	68	68	65	64	68	65	66	68	69	66	68	70	70	70	70	69	70	67.1
ARKADELPHIA	MAX	93	92	95	96	90	86	88	82	75	82	90	85	95	98	95	91	88	90	94	95	94	95	95	95	94	92	89	93	94	95	93	91.3
	MIN	62	63	66	68	61	56	64	68	69	70	71	70	72	72	74	67	66	65	66	65	66	69	69	69	70	71	71	71	69	69	70	67.7
ASHOOWN	MAX	91	92	94	90	86	84	90	82	86	97	93	99	102	100	94	90	91	95	96	98	98	97	98	92	91	86	91	93	94	94	95	92.9
	MIN	68	61	64	60	55	63	67	67	70	68	68	74	80	78	74	64	62	65	63	64	66	65	65	68	67	69	69	66	65	66	59	66.5
BATESVILLE AIRWAY	MAX	88	91	92	87	81	82	82	75	79	90	86	88	92	80	87	87	91	94	95	96	97	97	98	95	93	88	86	94	94	95	90	89.4
	MIN	58	63	61	62	58	54	64	67	66	71	69	68	69	70	69	64	63	67	64	66	66	69	70	66	67	71	73	69	68	68	65	66.0
BATESVILLE LIVESTCK	MAX	89	90	88	93	85	82	81	81	77	82	88	87	91	90	87	85	88	93	93	95	96	95	96	96	95	94	86	92	95	92	93	89.5
	MIN	55	50	73	63	53	49	60	64	64	68	67	66	66	68	67		60	64		62	62	65	66	62	63		70	65	64	65	61	62.9
BEE BRANCH	MAX	93	94	95	93	84	84	84	75	76	85	86	89	90	85	88	89	91	93	93	92	95	95	94	93	91	88	90	92	93	93	94	89.6
	MIN	59	62	62	67	57	54	65	66	67	71	68	70	71	69	71	63	62	63	62	63	65	66	69	64	66	71	70	68	69	68	65	65.6
BENTON	MAX	92	92	93	94	88	85	85	88	88	88	90	85	93	96	90	90	88	90	94	95	95	95	96	95	93	91	88	90	95	95	95	91.4
	MIN	68	58	64	62	57	53	66	67	68	71	70	67	72	69	68	66	63	62	66	63	63	64	65	69	66	71	70	68	67	67	67	65.7
BENTONVILLE	MAX	85	87	91	91	72	79	77	77	84	75	87	90	90	86	79	92	90	90	91	94	93	94	97	96	92	87	83	87	87	88	92	87.2
	MIN	58	61	60	65	52	52	58	62	62	64	67	67	68	67	63	63	61	64	62	64	64	68	68	62	65	69	66	65	64	64	63	63.2
BETHESOA	MAX	87	88	90	91	82	79	80	80	74	78	87	86	88	90	86	77	85	89	91	93	94	95	95	95	92	90	85	87	93	89	92	87.4
	MIN	56	58	56	63	53	49	60	64	64	66	66	63	65	67	67	61	60	62	51	60	61	64	66	60	62	66	70	65	63	64	62	61.7
BLYTHEVILLE	MAX	87	87	92	91	83	80	83	85	84	88	90	88	90	95	80	88	83	90	94	96	94	96	97	100	98	96	96	95	98	98	92	90.8
	MIN	61	67	65	69	59	61	64	62	68	73	74	66	69	73	70	61	65	68	67	68	66	67	69	71	73	74	75	74	72	67	67	67.9
BOONEVILLE	MAX	90	93	97	87	88	82	82	78	79	92	90	93	98	90	84	91	93	94	96	97	98	97	95	94	87	87	88	94	91	94	93	90.7
	MIN	60	63	64	60	58	56	67	68	69	77	73	70	74	74	71	70	65	64	68	67	68	71	70	67	70	70	72	71	69	66	67	67.7
BRINKLEY	MAX	88	91	92	89	82	85	87	82	83	88	86	92	96	89	86	88	91	92	94	95	95	95	96	94	94	95	91	95	97	95	92	90.8
	MIN	59	68	65	66	58	55	61	68	67	67	68	66	71	70	71	66	64	66	67	68	68	69	68	70	70	71	74	71	69	67	65	66.9
CAMOEN 1	MAX	93	91	94	96	93	86	89	92	80	85	96	91	99	101	99	93	89	93	95	98	99	97	100	99	97	94	86	94	97	97	97	93.9
	MIN	63	61	66	66	62	55	64	69	71	71	72	71	74	76	74	69	65	65	70	65	65	67	68	69	71	71	72	70	69	69	68	68.0
CAMP CHAFFEE	MAX	92	92	94	94	84	84	78	83	79	78	92	88	93		97	81	90	91	93	96	98	97	97	97	95	89	87		91	88	94	90.1
	MIN	62	64	69	69	57	60	64	67	69	70	75	70	73		74	67	64	66	66	68	70	70	72	69	70	72	73		70	67	69	68.1
CONWAY	MAX	92	95	94	88	85	84	85	79	78	87	85	93	95	89	82	89	91	93	96	95	96	96	95	93	92	89	89	92	93	93	92	90.2
	MIN	69	62	64	67	57	52	65	66	67	70	68	68	74	70	70	65	64	64	66	65	66	68	69	66	68	68	72	68	68	68	66	66.5
CORNING	MAX	86	89	91	91	83	82	83	84	87	88	90	89	90	90	77	87	88	92	96	97	95	96	99	100	99	96	95	95	94	94	92	90.8
	MIN	58	65	62	68	57	54	63	63	63	69	72	69	69	73	68	64	64	70	65	67	67	70	72	68	69	70	74	70	70	69	67	66.7
CROSSETT	MAX	87	91	92	93	92	89	90	88	87	90	92	94	100	98	93	88	90	93	95	96	94	95	94	93	91	90	94	98	95	93	92	92.5
	MIN	62	60	65	62	65	57	69	69	65	70	71	71	73	72	75	69	63	50	67	64	64	65	65	67	71	71	72	78	68	68	69	67.0
CUMMINS FARM	MAX	86	90	90	87	83	82	84	79	81	86	80	89	96	90	89	85	88	90	93	95	93	93	94	90	90	86	90	91	93	91	90	88.5
	MIN	62	62	77	65	61	57	65	67	67	69	69	65	72	70	70	69	64	62	67	64	65	67	66	67	69	68	73	69	69	67	67	66.8
OAROANELLE	MAX	93	91	95	94	86	85	83	83	75	79	89	89	92	94	89	81	91	91	93	95	94	95	96	96	94	93	88	87	91	93	92	89.9
	MIN	63	63	65	68	64	56	56	59	68	68	71	69	69	72	73	69	65	65	66	65	65	67	70	68	68	70	73	70	70	69	70	66.9
OE QUEEN	MAX	92	93	95	90	86	80	86	85	85	95	93	97	101	100	96	89	90	94	95	97	98	97	95	92	87	85	89	91	90	91	93	91.8
	MIN	61	68	65	68	60	61	66	68	70	73	73	72	74	73	70	68	65	64	67	67	68	70	69	67	70	70	70	72	68	66	68	68.1
OES ARC	MAX	86	87	91	90	88	81	82	86	75	84	89	82	90	95	87	87	81	89	92	93	94	100	94	95	93	93	91	90	93	92	93	89.1
	MIN	60	64	65	66	60	55	58	62	68	69	72	66	70	70	70	67	65	66	66	67	68	72	69	70	71	72	74	70	69	68	65	66.9
OEVILS KNOB	MAX	95	94	93	81	84	85	79	77	70	74	77	82	85	89	87	87	85	88	87	89	91	92	90	87	84	81	80	93	91	92	94	85.9
	MIN	65	66	63	55	57	56	57	55	64	62	65	64	66	66	62	64	62	61	63	71	70	72	73	72	69	68	66	71	68	68	70	64.9
OUMAS 1	MAX	86	87	92	90	82	85	87	79	84	87	83	93	98	92	91	87	88	93	94	95	95	95	95	93	94	88	95	96	94	93	91	90.4
	MIN	63	64	67	67	61	56	66	71	70	72	72	68	75	72	73	71	66	65	72	67	68	70	68	69	73	65	73	71	71	68	68	68.5
EL OORAOO	MAX	92	95	97	99	99	90	92	92	84	90	96	95	98	105	107	100	91	93	96	100	101	100	100	101	100	92	91	98	97	100	99	96.5
	MIN	64	62	66	66	63	58	62	70	70	70	72	73	75	76	77	68	65	65	69	68	67	68	69	70	72	70	72	70	69	69	69	68.5
EUREKA SPRINGS	MAX	88	90	90	76	78	77	75	81	75	87	89	89	85	81	83	85	89	90	92	90	94	95	94	89	85	82	86	87	87	90	87	86.0
	MIN	60	64	66	66	56	53	63	65	63	67	67	69	70	68	65	64	64	70	66	68	69	72	72	68	69	62	69	69	66	66	65	65.8
FAYETTEVILLE	MAX	89	89	91	76	79	76	75	82	76	88	88	90	87	80	85	86	88	89	92	92	93	94	93	90	87	85	87	87	86	90	90	86.5
	MIN	60	62	66	68	55	55	63	65	66	67	67	68	71	68	68	66	62	67	63	67	70	68	70	64	70	70	71	70	68	64	66	66.0
FAYETTEVILLE EX S	MAX	87	91	92	84	78	78	74	84	80	88	87	90	88	82	81	84	90	89	93	91	93	95	93	90	87	83	81	88	85	91	89	86.6
	MIN	59	61	65	67	51	53	64	64	63	65	66	67	69	67	66	64	61	65	63	64	67	67	68	63	66	68	69	66	66	63	64	64.2
FOROYCE	MAX	91	94	96	95	94	87	88	89	84	94	95	95	100	97	90	90	91	95	95	96	96	95	95	95	91	95	92	93	96	97	94	93.4
	MIN	63	62	68	73	60	56	67	57	58	70	72	70	71	75	70	70	67	68	70	72	71	70	75	70	71	70	73	71	69	71	70	68.4
FORT SMITH WB AIRPORT	MAX	91	93	94	84	84	78	81	79	78	91	89	92	97	86	81	89	92	93	96	97	96	97	95	95	89	87	90	88	89	93	92	89.
	MIN	62	66	70	63	59	61	67	68	70	72	74	71	75	74	70	69	65	67	68	70	71	73	73	70	71	71	73	71	72	68	70	69.
GILBERT	MAX	88	89	92	93	78	82	83	81	79	76	89	90	90	89	75	88	87	91	93	94	95	97	97	97	94	89	87	90	91	90	93	88.
	MIN	55	58	62	64	54	51	54	65	63	67	66	65	68	68	67	63	62	61	61	61	61	65	67	63	62	66	67	68	67	65	65	62.
GRANNIS	MAX	89	91	93	85	82	78	84	72	80	93	88	93	96	94	90	85	88	90	93	94	93	93	91	90	85	83	85	87	90	90	91	88.
	MIN	61	68	67	57	57	64	65	65	69	71	70	73	71	72	66	63	62	65	65	66	69	67	66	68	68	67	70	67	66	68	60	66.
GRAVETTE	MAX	89	90	91	76	80	78	77	83	81	89	89	90	86	82	83	88	88	91	92	92	94	95	94	90	88	84	86	87	88	92	90	87.
	MIN	60	63	66	67	53	55	62	65	64	66	67	69	69	67	66	63	60	65	65	65	65	69	69	65	68	68	70	67	67	64	65	65.
GREEN MOUNTAIN	MAX	78	80	83	79	79	80	78	74	70	78	79	79	80	78	83	84	81	90	88	87	89	96	95	94	89	86	84	83	87	84	88	83.
	MIN	66	68	70	58	61	62	60	58	59	62	58	60	59	59	62	56	59	63	60	66	62	67	69	67	62	66	61	67	64	67	68	62.
HARRISON	MAX	87	90	90	78	79	78	75	78	75	85	88	92	86	81	85	86	91	91	93	94	95	96	94	91	88	82	88	89	88	91	90	86.
	MIN	56	60	60	65	52	48	62	63	62	67	64	67	66	66	63	69	57	62	57	58	63	62	65	59	61	64	65	65	63	62	60	61.
HARRISON AIRWAY	MAX	85	87	88	73	76	78	76	78	74	85	88	90	85	75	82	84	89	90	92	92	90	93	92	90	85	82	85	85	86	89	85	84.
	MIN	58	62	63	57	54	50	64	64	64	68	66	68	68	66	65	61	61	64	59	60	64	64	67	62	63	66	67	67	65	64	61	63.

See Reference Notes Following Station Index

TABLE 5 — Continued
DAILY TEMPERATURE (°FAHRENHEIT)

ARKANSAS
AUGUST 1948

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HELENA	MAX	88	87	90	92	88	81	83	80	75	82	87	81	85	92	87	86	88	90	90	94	94	94	94	94	93	92	89	94	93	95	93	88.7
	MIN	65	67	67	70	63	61	63	67	69	69	73	67	68	72	72	70	67	67	71	71	71	72	70	70	72	73	73	74	73	70	71	69.3
HOPE	MAX	95	94	94	97	91	86	87	91	77	84	97	93	100	99	101	91	88	91	94	96	96	95	96	97	95	93	86	92	96	96	94	93.0
	MIN	74	73	74	75	63	56	62	69	67	72	72	71	74	75	74	68	67	64	69	64	67	67	68	68	71	70	72	71	68	69	70	69.2
HOT SPRINGS	MAX	96	96	97	97	91	88	81	90	74	76	91	86	95	97	93	85	90	93	96	98	97	100	100	97	98	93	88	92	95	92	98	92.3
	MIN	64	64	67	68	61	57	60	69	68	70	72	69	68	74	74	67	66	66	71	72	72	72	72	71	71	71	71	71	72	70	70	68.7
JONESBORO	MAX	86	88	90	84	80	81	85	77	86	89	87	88	93	80	86	86	91	93	96	94	97	98	99	95	95	94	95	94	95	93	89	89.8
	MIN	61	65	63	67	57	59	61	64	65	69	72	65	70	70	70	65	64	68	66	68	67	73	69	69	69	71	74	72	70	66	66	66.9
KEO	MAX	87	91	92	88	82	83	86	78	82	90	84	92	98	90	88	88	91	94	95	96	95	95	95	94	94	86	90	93	95	94	90	90.2
	MIN	60	62	65	65	58	54	64	68	69	73	69	67	74	70	72	68	66	66	69	66	67	69	69	67	69	73	73	70	69	68	65	67.2
LEAD HILL	MAX	90	91	94	77	82	82	80	83	77	91	90	95	89	83	87	89	91	92	94	95	94	98	96	95	91	85	80	92	91	92	90	88.9
	MIN	65	60	63	65	48	46	65	63	62	69	67	67	66	70	67	63	61	65	58	60	61	64	67	62	64	67	67	67	66	66	62	63.3
LITTLE ROCK WB AP	MAX	86	90	92	86	80	82	82	74	78	87	85	88	96	86	83	86	88	91	93	96	94	93	93	91	91	83	88	91	92	92	89	87.9
	MIN	69	68	72	67	63	62	68	68	70	72	70	69	76	73	72	71	68	69	73	70	70	72	73	70	73	73	75	74	73	72	72	70.5
LUTHERVILLE	MAX	88	90	88	85	83	83	80	80	78	84	85	89	98	84	84	86	88	91	92	93	93	94	93	91	91	90	87	91	90	90	90	88.0
	MIN	60	63	65	60	58	56	64	63	68	69	67	68	72	71	71	65	63	64	64	65	66	67	69	65	68	70	70	70	70	66	67	65.9
MAGNOLIA	MAX	92	95	97	98	88	89	91	90	89	106	99	105	108	107	101	97	92	98	99	101	99	98	97	95	91	88	92	95	96	96	94	96.2
	MIN	65	63	66	65	63	60	70	72	72	73	73	73	75	75	75	70	65	65	65	67	67	69	68	69	75	70	73	71	69	70	70	69.1
MALVERN	MAX	93	92	94	96	88	87	85	88	86	80	91	85	95	98	92	87	90	92	95	97	96	97	97	96	94	92	88	91	95	93	95	91.8
	MIN	64	68	76	72	66	66	66	67	67	70	71	68	76	75	78	72	65	66	63	63	65	64	66	67	74	70	70	70	68	74	68	68.9
MAMMOTH SPRING	MAX	90	91	92	91	89	91	91	86	87	82	86	87	89	85	90	91	90	91	92	95	95	98	98	98	96	96	94	96	95	96	94	91.7
	MIN	60	56	60	54	55	57	58	59	62	67	65	64	63	69	70	72	69	71									70	72	70	69	64	64.2
MARIANNA	MAX	90	90	90	86	80	81	83	77	84	88	86	90	94	86	86	85	88	90	94	92	93	94	95	92	92	92	92	92	93	91	88	88.8
	MIN	60	62	64	66	65	55	61	65	69	70	70	67	70	69	70	67	62	64	67	66	67	69	66	69	70	70	71	71	69	68	66	66.6
MARKED TREE	MAX	87	88	92	90	87	80	84	87	76	88	91	86	90	95	83	87	87	90	94	96	96	96	96	98	97	95	93	96	97	96	92	90.6
	MIN	60	64	64	65	58	56	59	65	66	70	72	64	65	69	70	65	63	66	65	66	67	69	68	69	69	73	74	72	69	66	67	66.3
MARSHALL	MAX	87	90	90	77	77	77	78	71	72	89	88	88	89	85	86	85	90	89	95	93	95	96	95	93	88	87	88	90	90	90	88	87.0
	MIN	56	58	62	62	54	48	65	67	67	67	66	67	67	66	69	65	60	63	60	61	70	66	68	60	66	67	68	68	66	65	66	63.9
MENA	MAX	91	93	93	85	82	75	87	81	77	93	84	94	96	94	83	87	91	93	96	96	95	96	94	93	86	85	90	90	90	91	91	89.4
	MIN	61	62	66	69	60	60	64	66	68	71	71	70	73	72	73	67	64	64	65	66	68	69	69	67	68	69	71	71	67	65	68	67.2
MONTICELLO	MAX	86	96	96	90	84	86	87	75	86	86	89	91	97	95	89	87	89	92	95	95	95	94	95	93	92	87	92	93	96	93	93	90.8
	MIN	64	64	70	66	62	62	67	69	69	71	71	70	74	73	71	70	65	67	68	66	68	68	70	70	72	72	73	71	68	69	71	68.7
MORRILTON	MAX	94	93	95	96	86	83	85	85	71	79	87	88	94	95	90	84	89	93	91	97	97	99	98	97	95	94	90	92	94	96	95	91.0
	MIN	62	66	66	69	58	54	63	66	67	70	71	68	70	71	71	66	66	67	68	67	68	69	70	67	69	73	71	69	70	69	68	67.4
MOUNT IDA 1	MAX	94	94	95	90	87	85	85	79	79	90	87	95	96	91	90	88	92	94	95	96	96	95	96	93	90	86	92					90.7
	MIN	58	56	61	66	54	56	57	56	58	62	67	67	72	66	67	64	60	60	63	59	60	61	62	63	65	69	67					62.1
MOUNTAIN HOME	MAX	85	86	89	77	77	80	79	79	76	87	87	88	85	81	84	87	90	90	93	93	95	95	94	92	89	85	90	93	91	92	90	87.1
	MIN	56	60	60	66	57	51	65	67	62	69	68	66	67	69	62	63	61	66	59	63	64	67	69	62	65	71	71	67	66	66	61	64.1
NASHVILLE	MAX	96	92	94	96	89	86	84	89	75	85	96	91	96	99	98		89	91	92	97	97	95	95	94	94	89	86	93	94	95	94	92.0
	MIN	61	62	65	66	64	57	66	68	68	73	73	72	75	72		68	66	64	67	65	67	69	68	69	72	71	72	73	67	68	69	67.9
NEWPORT	MAX	91	93	94	88	84	84	87	76	83	92	86	91	97	84	90	91	92	95	97	97	99	99	99	97	95	95	93	94	96	95	92	91.8
	MIN	62	63	64	65	60	58	60	67	66	68	73	67	68	72	73	67	66	67	66	68	69	70	71	69	69	70	72	70	70	69	69	67.4
NIMROD DAM	MAX	93	91	90	94	83	85	86	84	77	80	91	96	94	98	94	81	89	92	88	96	96	97	97	95	93	90	83	88	92	91	93	90.2
	MIN	75	62	64	68	57	52	64	67	68	69	71	67	73	70	72	69	65	65	66	64	66	67	67	65	67	70	70	68	71	67	67	66.9
NORFORK DAM	MAX	89	90	93	94	79	86	83	81	78	79	90	87	90	87	77	87	88	91	94	94	95	96	98	97	95	91	88	89	93	94	93	89.2
	MIN	56	62	59	56	53	51	58	65	61	69	67	65	65	67	67	61	63	63	60	61	62	65	68	63	64	70	70	67	67	66	62	63.0
ODEN	MAX							86	75	74	76	90	96	90	88	91	95	96	97	95	95	94	94	90	85	88	91	92	89	91	92	94	89.8
	MIN							66	68	70	73	70	71	74	68	64	64	67	65	66	68	72	66	71	70	70	73	66	63	61	74	68	68.3
OKAY	MAX	90	93	97	95	89	84	90	88		96	95	99	102	102	98	90	91	95	98	96	95	97	97	95	91	88	93	95	95	93	95	94.1
	MIN	62	63	65	67	62	58	68	69	71	73	65	73	74	75	69	69	66	65	68	66	68	68	68	68	71	71	72	72	68	68	69	68.1
OZARK	MAX	92	90	92	93	93	84	80	81	81	79	88	88	90	95	86	82	90	92	90	95	92	96	97	92	92	86	87	87	90	90	95	89.2
	MIN	62	64	64	69	59	58	59	66	67	69	72	69	71	75	73	67	65	66	66	66	67	69	71	68	69	73	73	73	70	68	68	67.6
PARAGOULD	MAX	88	91	92	89	81	82	87	84	89	90	90	90	95	88		89	93	95	97	95	96	97	98	97	95	96	96	95	97	95	88	91.8
	MIN	58	61	61	66	54	54	57	62	61	70	70	62	68	70		63	60	65	61	66	70	66	65	64	65	71	70	68	70	64	64	64.2
PERRYVILLE	MAX				85	83	82	81	75	81	87	88	91	95	93	87	88	90	92	94	95	96	95	95	94	91	87	89	89	90	91	92	89.1
	MIN	70	60	65	67	67	72	66	67	73	71	75	67	81	68	70	65	64	63	65	63	65	67	64	62	67	67	70	68	61	67	63	67.1
PINE BLUFF	MAX	90	89	93	94	87	85	85	88	76	80	91	79	93	99	91	89	88	92	93	96	97	96	96	96	95	94	87	88	95	97	95	90.8
	MIN	67	68	71	70	63	60	64	70	70	72	73	72	72	73	75	71	67	68	70	70	70	72	72	72	73	73	73	73	73	72	70	70.3
POCAHONTAS 1	MAX	90	92	94	89	84	84	86	83	85	91	89	89	92	84	89	90	92	95	98	99	97	99	100	98	96	95	95	96	97	96	93	92.2
	MIN	65	64	62	68	57	58	62	65	63	69	69	65	68	70	67	65	61	67	64	67	66	68	71	65	66	66	73	70	69	66	67	65.9
PORTLAND	MAX	91	92	93	95	96	91	91	91	90	89	89	89	90	99	97	95	94	94	91	94	95	92	95	94	93	91	92	91	91	93	93	92.6
	MIN	61	61	62	65	63	58	58	68	69	69	70	70	71	72	72	69	67	63	63	68	67	68	67	68	69	70	71	68	69	68	69	66.9
PRESCOTT	MAX	94	92	94	97	91	87	85	90	75	84	96	98	99	100	99	92	89	91	94	95	97	95	96	97	97	92	87	88	95	94	93	92.7
	MIN	65	65	65	68	61	57	57	67	66	69	70	70	71	73	73	67	66	66	65	65	67	68	69	68	70	68	70	69	68	68	69	67.1
ROGERS	MAX	87	87	89	72	80	78	76	82	75	88	88	88	86	78	85	86	88	89	92	91	92	94	93	90	87	82	86	88	88	90	88	85.9
	MIN	58	61	65	65	50	52	62	63	62	64	65	70	70	68	65	64	60	65	64	65	65	69	70	64	67	68	68	60	65	67	65	64.1
RUSSELLVILLE	MAX	91	94	93	87	83	81	82	79	78	88	88	92	93	88	86	90	92	91	95	94	96	95	94	93	91	86	96	91	92	91	93	89.8
	MIN	62	73	66	69	58	54	68	67	68	71	69	69	74	71	71	67	65	66	66	66	67	67	70	66	69	73	70	69	71	68	68	67.7
SAINT CHARLES	MAX	86	89	91	88	81	84	82	70	85	86	80	89	97	89	87	86	89	90	94	94	97	94	94	92	93	89	92	92	94	94	90	89.0
	MIN	63	67	67	60	57	63	65	68	70	72	66	71	70	72	69	66	66	69	64	67	70	69	69	71	73	73	72	70	68	68	63	67.7

See Reference Notes Following Station Index

ARKANSAS
AUGUST 1948

TABLE 5 — Continued

DAILY TEMPERATURE (°FAHRENHEIT)

STATION		DAY OF MONTH																															MEAN
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SEARCY	MAX	92	94	95	89	84	85	87	78	79	89	85	91	93	87	87	87	90	93	96	96	97	98	97	96	95	90	89	95	97	95	92	90.9
	MIN	63	66	66	71	61	56	66	66	69	72	68	68	73	71	72	68	66	67	68	67	68	70	71	69	70	74	74	70	70	69	68	68.3
SILOAM SPRINGS	MAX	89	90	91	79	80	76	78	82	75	88	88	91	87	80	85	86	88	90	93	91	94	94	94	90	86	84	87	86	88	90	90	86.8
	MIN	60	62	66	66	52	57	62	66	65	66	68	68	71	68	66	64	61	65	65	65	67	68	69	64	66	67	69	67	67	65	65	65.1
STUTTGART	MAX	85	85	88	88	85	79	84	75	81	85	88	87	93	87	84	85	86	89	91	90	90	91	92	90	92	87	88	90	91	89	88	87.2
	MIN	65	68	70	70	62	60	67	69	69	70	68	71	72	74	70	68	68	72	70	71	73	73	73	74	75	75	73	73	71	70	65	70.0
STUTTGART 9ESE	MAX	87	85	89	91	88	80	82	84	75	83	85	79	88	95	88	87	85	88	90	92	93	93	93	93	91	91	89	90	92	94	91	88.1
	MIN	64	66	68	69	62	59	66	68	69	70	68	68	70	71	72	71	62	67	70	68	70	71	70	71	73	74	75	72	72	70	70	68.9
SUBIACO	MAX	91	91	89	86	81	80	79	77	75	85	83	85	91	85	85	85	86	85	92	91	91	92	93	91	88	86	83	89	88	92	90	86.6
	MIN																																-
TEXARKANA WB AIRPORT	MAX	91	93	94	89	86	85	90	83	86	96	94	100	102	100	95	89	91	94	96	97	97	97	96	93	91	88	92	94	94	93	94	92.9
	MIN	67	65	69	70	65	62	69	72	72	73	75	74	76	75	71	69	69	68	72	71	71	71	72	71	72	72	73	73	70	70	71	70.6
TURNPIKE	MAX	83	85	85	75	74	74	72	69	88	77	78	82	85	80	81	80	83	83	89	87	88	89	87	87	83	80	79	78	84	85	82	81.7
	MIN	61	55	55	51	54	55	57	62	49	53	49	52	65	53	60	60	54	55	51	68	69	69	59	56	56	53	60	66	65	67	64	58.2
WALDRON	MAX	90	93	93	88	83	77	83	80	79	93	88	95	99	92	85	89	92	93	96	97	97	98	96	96	85	83	89	92	91	93	92	90.2
	MIN	59	61	64	68	55	55	65	67	67	70	70	68	70	71	69	68	63	62	64	64	64	68	67	63	67	69	71	68	67	65	66	65.6
WHITE ROCK	MAX	84	85	85	76	76	72	68	70	70	82	78	82	87	81	77	82	86	85	87	87	90	89	87	86	77	78	81	83	82	86	85	81.4
	MIN	65	68	68	63	57	59	59	63	64	67	64	66	72	66	68	63	64	66	71	71	71	73	72	69	69	65	65	69	68	68	70	66.5
WYNNE	MAX	86	90	90	86	78	81	85	79	84	88	87	88	93	86	86	85	89	93	94	95	94	95	97	95	95	93	95	94	94	92	88	89.5
	MIN	61	64	66	69	59	58	62	67	68	73	71	67	66	72	71	66	63	64	67	68	69	69	68	69	72	73	76	72	70	66	66	67.5

See Reference Notes Following Station Index

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ARKANSAS
AUGUST 1948

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	DEPARTURE FROM NORMAL
BETHESDA	EVAP	.277	.299	.174	.260	.296	.176	.212	-	.379	.070	.248	.110	.112	.674	.097	.123	.230	.220	.254	.230	.182	.222	.192	.248	.140	.022	-	.078	.106	.054	.290	6.387	
	WIND	42	16	19	48	68	23	22	4	24	8	15	6	12	21	3	16	13	6	39	2	8	9	5	7	13	9	4	5	2	4	13	486	
HOPE	EVAP	.210	.186	.304	.224	.386	.315	.228	*	.223	.077	.245	.196	.230	.269	*	.526	.231	*	*	.743	.233	*	.504	.263	.228	.170	.094	.155	*	.461	.232	6.933	
	WIND	49	20	16	22	60	31	20	*	54	7	9	21	10	14	*	45	28	*	*	39	8	*	24	11	11	13	12	16	*	18	16	574	
NIMROD DAM	EVAP	.291	.269	.264	.246	.150	.260	.140	.094	.018	.123	.200	.148	.144	.187	.150	.121	.214	.244	.230	.264	.203	.228	.245	.282	.314	.106	.088	.082	.121	.144	.187	5.757	
	WIND	10	9	4	7	3	2	9	4	3	5	6	11	13	1	7	6	3	7	23	9	3	4	7	2	2	3	2	5	4	8	1	183	
NORFORK DAM	EVAP	.268	.234	.291	.275	.154	.228	.181	-	-	-	-	.120	.121	-	-	-	.220	.208	.170	.302	.229	.255	.271	.278	.267	.225	.125	.119	.163	.195	.203	6.590	
	WIND	32	17	24	27	33	24	32	19	12	17	15	13	18	19	12	11	14	14	20	14	14	13	32	7	9	13	9	24	5	26	6	545	
STUTTGART 9 MI. ESE	EVAP	.337	.200	.235	.223	.205	.639	.190	.087	.083	.079	.111	.036	.112	.160	.180	.175	.081	.175	.210	.186	.203	.182	.191	.184	.205	.164	.095	.080	.204	.221	.217	5.650	
	WIND	15	25	20	5	35	30	15	5	25	10	20	25	20	10	15	5	5	5	25	30	5	0	5	5	10	15	10	10	15	30	5	455	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	HIGHEST (OR CREST)	DATE	LOWEST	DATE
BUFFALO																																				
GILBERT	30	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.7	5.8	4.8	4.6	8.0	6.1	5.3	4.8	4.4	4.3	4.3	4.1	3.9	3.8	3.8	3.7	3.7	3.7	3.9	3.9	3.8	8.0	15	3.5	8
BLACK																																				
BLACKROCK	14	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.5	2.5	3.0	2.7	2.4	2.3	2.2	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.9	1.8	1.8	1.8	3.0	16	1.8	25
WHITE																																				
COTTER	21	3.8	3.8	3.6	3.2	3.2	2.3	3.2	2.8	3.4	2.1	1.7	2.4	3.2	4.3	8.8	8.2	8.4	13.0	9.9	6.4	5.3	4.7	3.9	3.5	3.4	3.1	2.8	3.2	3.3	3.2	2.0	13.0	18	1.7	11
CALICO ROCK	19	2.7	2.8	2.8	2.8	2.6	2.7	2.5	2.8	1.9	2.9	2.4	2.4	3.2	3.6	4.6	8.8	7.2	10.3	10.8	6.7	5.0	4.2	3.4	2.4	1.7	2.5	2.2	2.5	2.5	2.3	2.7	10.8	19	1.7	25
BATESVILLE L & D #1	23	9.0	7.5	7.3	7.4	7.3	7.1	7.0	7.0	7.0	6.8	7.2	6.9	6.8	8.0	10.0	12.8	13.9	13.6	17.9	15.1	11.5	10.1	8.9	8.4	7.4	6.6	7.2	7.1	7.2	7.0	6.9	17.9	19	6.6	26
NEWPORT	26	5.1	4.7	3.5	3.5	3.3	3.1	2.9	2.7	2.7	2.5	2.8	2.7	2.5	2.6	5.2	6.8	10.1	10.2	12.2	14.3	12.1	8.9	6.7	5.0	4.3	3.2	2.7	2.8	2.7	2.7	2.5	14.3	20	2.5	10
GEORGETOWN	21	5.2	5.7	5.8	5.3	4.6	4.4	4.2	3.9	3.9	3.6	3.6	3.5	3.4	3.4	3.8	4.5	6.4	8.8	10.5	11.8	13.1	12.9	11.7	10.0	8.2	6.8	5.6	4.6	4.0	3.8	3.4	13.1	21	3.4	13
CLARENDON	26	13.6	13.4	13.4	13.4	13.3	12.9	12.5	12.2	12.2	11.9	12.0	12.0	12.0	12.0	12.2	14.2	14.2	15.0	16.1	17.2	18.1	18.9	19.3	19.4	18.9	18.0	16.8	15.5	14.2	13.2	12.4	19.4	24	11.9	10
PETIT JEAN																																				
DANVILLE	20	3.5	3.5	3.4	3.4	3.1	3.1	2.9	2.8	2.9	3.1	3.2	6.7	5.2	4.8	4.8	7.0	5.6	5.0	5.8	6.4	6.2	4.9	4.7	3.3	3.1	3.1	3.1	3.1	3.6	3.6	3.6	7.0	16	2.8	8
ARKANSAS																																				
VAN BUREN	22	20.9	20.4	18.9	17.0	15.5	14.5	13.4	10.8	12.9	12.1	13.3	13.0	12.0	14.3	18.0	20.9	21.9	20.3	20.0	19.1	16.6	14.8	13.2	12.0	10.7	10.4	9.9	9.5	9.3	9.3	9.0	21.9	17	9.0	31
OZARK	22	16.4	16.0	15.1	13.4	11.5	10.5	9.8	7.6	7.1	8.2	8.7	9.2	8.3	8.3	13.0	15.5	17.0	16.4	15.3	15.0	13.1	11.1	9.4	8.0	7.7	6.0	5.7	5.2	5.0	4.7	4.9	17.0	17	4.7	30
DARDANELLE	22	18.3	17.8	17.3	15.9	14.2	12.4	11.7	10.8	8.8	10.1	9.8	11.0	10.9	9.8	11.5	15.6	18.3	19.0	17.5	17.1	16.1	14.0	12.3	10.8	9.6	8.3	7.7	7.4	6.9	6.6	6.4	19.0	18	6.4	31
MORRILTON	20	24.0	23.6	23.2	22.0	20.4	18.2	17.4	16.1	15.1	14.4	15.3	16.1	16.4	15.6	15.3	20.2	23.0	24.4	23.4	22.5	22.0	20.2	18.2	16.6	15.1	13.8	12.9	12.6	12.2	11.8	11.4	24.4	18	11.4	31
LITTLE ROCK WB AP	23	15.1	14.9	14.5	13.9	12.8	11.1	9.6	8.9	8.1	6.9	7.0	7.3	8.1	8.0	7.3	9.4	12.7	14.8	15.3	14.0	13.7	12.6	10.9	9.3	7.9	6.8	5.9	5.3	5.0	4.7	4.4	15.3	19	4.4	31
PINE BLUFF	25	17.9	17.7	17.5	17.2	16.6	15.3	13.8	12.5	11.8	10.6	9.4	10.1	10.3	11.0	10.6	10.4	13.9	16.4	17.8	17.5	16.7	15.9	15.1	13.6	12.0	10.6	9.3	8.1	7.1	7.0	6.7	17.9	1	6.7	31
CADDO																																				
GLENWOOD	10	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.8	9	3.3	29
SALINE																																				
BENTON	20	4.2	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.4	3.7	4.2	5.5	6.2	5.5	5.0	4.8	4.7	5.5	5.1	4.7	4.4	4.2	4.1	3.9	3.8	3.7	3.7	3.8	3.8	3.6	3.6	6.2	13	3.3	8
LITTLE MISSOURI																																				
BOUGHTON	20	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	8.0	11.7	8.4	6.7	5.7	5.2	4.4	4.8	5.5	5.0	4.4	4.4	4.3	4.3	4.3	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.9	11.7	10	3.6	8
OUACHITA																																				
ARKADELPHIA	17	3.1	3.1	3.0	3.1	3.1	3.0	3.1	3.1	3.4	4.0	3.5	3.6	3.7	3.7	3.4	3.2	3.4	3.2	3.2	3.3	3.7	3.6	3.4	3.3	3.1	3.1	3.1	3.2	3.2	3.1	3.1	4.0	10	3.0	6
CAMDEN	26	4.3	4.1	3.9	3.8	3.5	3.6	3.8	3.8	3.9	4.2	5.6	7.4	7.1	6.0	5.2	5.2	4.9	4.7	4.7	4.4	4.3	4.5	4.8	4.7	4.5	4.4	4.3	3.7	4.0	4.0	4.0	7.4	12	3.5	5
LITTLE																																				
WHITECLIFFS	25	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.2	0.2	0.2	0.2	1.0	2.5	2.5	2.6	2.6	1.8	1.6	1.5	1.5	1.4	1.1	1.1	1.1	1.1	1.1	-	-	-	-	-		-	
RED																																				
FULTON	25	8.7	8.7	8.6	8.5	8.5	8.2	7.6	7.5	7.9	8.0	7.9	8.0	8.3	7.9	7.8	8.2	8.4	8.4	8.3	8.2	7.6	7.3	7.2	7.6	7.6	7.8	7.8	7.3	7.0	7.4	7.6	8.7	1	7.0	29
ST. FRANCIS																																				
ST. FRANCIS	18	8.9	7.9	6.3	4.7	3.6	3.0	2.7	2.6	2.5	3.2	5.5	6.6	3.2	5.0	4.2	3.1	2.6	2.4	2.3	2.8	5.2	5.7	5.0	3.9	2.9	2.5	2.3	2.2	2.2	2.5	3.7	8.9	1	2.2	28
ST. FRANCIS LAKE	30	18.9	18.8	18.6	18.5	18.3	18.1	18.0	17.8	17.4	17.0	16.6	16.6	16.6	16.8	16.6	16.3	16.1	16.0	15.8	15.1	16.0	16.3	16.3	16.1	16.0	15.8	15.8	15.6	15.6	18.3	17.6	18.3	30	14.5	6
MARKED TREE	17	6.1	6.0	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.4	5.2	5.2	5.1	5.3	5.3	5.1	5.1	5.0	4.9	4.6	4.0	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	1.0	3.7	6.1	1	1.0	30
PARKIN	28	6.2	6.2	6.1	6.0	5.8	5.8	5.7	5.6	5.5	5.5	5.4	5.4	5.3	5.5	5.7	5.6	5.3	5.1	5.0	4.9	4.8	4.6	4.3	4.2	4.1	4.0	3.9	3.9	3.9	3.1	2.5	6.2	1	2.5	31
MADISON	32	6.1	6.4	6.3	5.9	5.1	4.3	3.9	3.8	3.7	3.7	3.6	3.4	3.3	3.2	3.8	3.7	3.5	3.3	3.1	3.0	2.9	2.8	2.6	2.4	2.1	2.0	2.0	1.9	1.9	1.9	1.7	6.4	2	1.7	31
MISSISSIPPI																																				
HELENA	44	24.6	24.9	24.6	23.8	22.4	20.4	18.9	18.3	17.9	17.3	16.6	16.2	15.6	15.1	14.6	13.8	12.9	11.8	10.9	10.5	10.4	10.1	9.4	8.8	8.6	8.4	8.4	8.2	7.9	7.6	6.8	24.9	2	6.8	31
ARKANSAS CITY	42	21.2	22.5	23.8	23.7	23.1	22.2	20.7	19.2	18.3	17.5	17.0	16.1	15.6	15.2	14.9	14.5	14.0	14.0	14.4	14.6	14.6	14.2	13.8	13.1	12.3	11.6	11.0	10.5	9.9	9.3	8.7	23.8	3	8.7	31

The following reference notes apply only to Table 7 - Daily River Stages: Readings are made at approximately 7 a.m. (Local time). They are provisional and subject to corrections. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a	Obstructed by rough ice.
b	Frozen but open at gage.
c	Upper surface of smooth ice.
d	Ice gorge above gage.
e	Ice gorge below gage.
f	Shore ice.
g	Floating ice.
h	Pool stage.
i	Dry at gage.
j	Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° '	LONG. ° '	ELEV. (FT.)	TIME OF OBSERVATION ZONE	TIME OF OBSERVATION TEMP.	TIME OF OBSERVATION PRECIP.	YEARS OF RECORD TEMP.	YEARS OF RECORD PRECIP.	YEARS OF RECORD EVAP.	OBSERVER	REFER TO TABLES
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	2 3
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	2 3 4
ALPINE	0118	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	2 3
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY	0136	YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	2 3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	2 3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EDWARDS	2 3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	2 3 4
ARKADELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	DESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	2 3 7
ASHDOWN	0286	LITTLE RIVER	RED	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARD	RED	34 19	93 58	960	C		7A		0		ARRA D. PARKER	2 3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MID		3		MISS EFFIE PERRY	2 3 4
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		DAVID G. GRIFFITHS	2 3 4 7
BATESVILLE AIRWAY	0456	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MID	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & D 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDDLESTON	2 3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		S C S	2 3 4
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. ADAMSON	2 3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	2 3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MID		5		JR. AG. COLLEGE	2 3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMOND	2 3
BEEDEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIDGE	2 3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MID		5		LUCILLE R. MC WETHY	2 3 4
BETHESDA	0644	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	S C S	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	2 3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	2 3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. DOUGLAS	2 3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	2 3 7
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MID		8		U. S. ENGINEERS	2 3 4
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAE BURDOCK	2 3 4 5
BOONEVILLE	0830	LOGAN	ARKANSAS	35 09	93 55	511	C		6A		7		CLEO E. YANDELL	2 3 7
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MID		3		THOMAS M. PEARSON	2 3 4
BOUGHTON	0848	NEVADA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	2 3 7
BRADFORD	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HICKMON	2 3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS DAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MID		1		U. S. ENGINEERS	2 3 4
BURDETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		G. A. HALE	2 3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P				B. M. WALTHER	2 3
CALICO ROCK	1132	IZARD	WHITE	36 08	92 08	380	C		7A		43		MRS. M. R. BIGGERS	2 3 7
CAMDEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		JOHN M. KNIGHT	2 3 5 7
CAMDEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MID				EDITH Z. LEHMAN	2 3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONEY DELL HORTON	2 3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	2 3
CARPENTER DAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MID		8		ARK. P. & L. CO.	2 3 4
CLARENDON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	2 3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MID		8		THOMAS L. SMITH	2 3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		EARL B. RIDDICK	2 3
COLD SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	2 3
COMBS	1574	MADISON	WHITE	35 50	93 50	1400	C		MID		8		ROSA J. COMBS	2 3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5		WILLIAM L. BINAM	2 3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPADDEN	2 3 7
COVE	1666	POLK	RED	34 26	94 25	1050	C		7A				WILLIAM M. RAYMOND	2 3
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIRDA BYRD	2 3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	2 3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
DAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		ROBERT T. TEDDER	2 3 4
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		J. A. MOUDY	2 3 7
DARDANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		GEORGE N. GOODIER	2 3 5 7
DE QUEEN	1948	SEVIER	RED	34 02	94 21	426	C	6P	6P	14	14		L. D. MC COWN	2 3 5
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MID		6		CLARENCE E. COLLINS	2 3 4
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	2 3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5 7
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRADLEY	2 3 5
DUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JOHNSON	2 3 5
DUMAS 2	2150	DESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5		BETTY R. HOLMES	2 3 4
DURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8		ANNIE A. WHITE	2 3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	2 3
EL DORADO	2300	UNION	OUACHITA	33 13	92 48	278	C	7A	7A	47	47		AYLMER H. MC BRIDE	2 3 5
ELKINS	2315	WASHINGTON	WHITE			1364	C	6	6	0	0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOALOS	2 3 5
EVENING SHADE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	2 3 7
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORD	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FORDYCE	2540	DALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2544	LITTLE RIVER	RED	33 43	94 24	400	C		MID		8		LESLIE P. CALLONS	2 3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7A		7		A. L. MC CRAW	2 3
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MID		8		THOMAS A. MOORE	2 3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MID	MID	66	66		U. S. WEATHER BUREAU	2 3 4 5 7
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 39	94 09	793	C		7A		10		R. J. SCHOEPPE	2 3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. DENSON	2 3

STATION INDEX – Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A		62		INA J. LOGAN	2 3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. O. DENNEY	2 3 7
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	2 3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	650	C	7A	7A	22	22		O. O. DENNIS	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	2 3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	2 3 7
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBED B. WILSON	2 3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	2 3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	2 3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBS	2 3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A				BILL S. WATSON	2 3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	2 3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN O. MAY	2 3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MID		6		WAYNE STARK	2 3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	2 3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	2 3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULDIN	2 3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	2 3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIDAY	2 3 7
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MADISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKELY	2 3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A				U. S. ENGINEERS	2 3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	2 3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	2 3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A				MRS. LETTIE O. DAVIS	2 3
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C	7P	7P				R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		5		CLAUDIE W. HUNTER	2 3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	2 3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MID		3		CECIL E. MABERRY	2 3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. JONES	2 3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSEY	2 3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	2 3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID				L. R. WATER WORKS	2 3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A				ED ANSEL	2 3 7
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A				CATH. T. RUSSELL	2 3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	2 3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	2 3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHARDT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	2 3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52		JODIE W. MC MULLEN	2 3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		CHARLES WALTON	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. O. LOWRIE	2 3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NADINE F. DAVENPORT	2 3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	2 3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	DREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	2 3 4
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		U. S. ENGINEERS	2 3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA RIVER	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MID		4		JOHN WALLBRITTON	2 3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. D. WORTHINGTON	2 3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	2 3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	2 3 7
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		ERNEST J. BABBITT	2 3 4
NASHVILLE	5112	HOWARD	RED	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		S C S	2 3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	2 3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		U. S. ENGINEERS	2 3 4 5 6
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		U. S. ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	2 3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		20		U. S. FOREST SERVICE	2 3
OKAY	5376	HOWARD	RED	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	2 3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	2 3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULD	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KORS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	2 3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5 7
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF AP 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215	C	MID	MID				AIRWAY OBSERVER	2 3 4
PINE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	2 3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	5908	NEVAOA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
PRESCOTT S C S	5910	NEVAOA	OUACHITA	33 48	93 23	-	C		MIO		7		W. L. MC LEAN	2 3 4
PYATT	5970	MARION	WHITE	36 16	92 51	800	C		MIO		6		ONA V. MC LEAN	2 3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35 18	93 53	463	C		7A		3		LULA MAE WEEKS	2 3
RAVANA	6016	MILLER	REO	33 04	94 02	250	C		MIO		8		ARNICE O. TAYLO	2 3 4
REO STAR	6078	MAOISON	WHITE	35 51	93 31	2250	C		7A		5		ORVAL F. CALLOWAY	2 3
REMMEL DAM	6102	HOT SPRING	OUACHITA	34 26	92 54	-	C		MIO		8		ARK. P. & L. CO.	2 3 4
RISON	6174	CLEVELANO	OUACHITA	33 48	92 11	231	C		8A		32		J. H. YANEY	2 3
ROCKHOUSE	6214	MAOISON	WHITE	36 17	93 40	1214	C		7A		2		CLAUOE O. SISCO	2 3
ROGERS	6248	BENTON	WHITE	36 18	94 02	1387	C	6P	6P	57	57		HOWARO FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5 6
SAINT CHARLES	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5 7
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36 27	90 08	300	C		7A		20		WILLIAM S. BUCKLEY	2 3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS				C		7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR O. SMITH	2 3 5
SHERIOAN	6566	GRANT	OUACHITA	34 27	92 21	290	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35 38	92 17	600	C		6P		8		MAUO H. BRAOFORO	2 3
SILOAM SPRINGS	6624	BENTON	WHITE	36 11	94 33	1150	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36 05	91 18	450	C		MIO		2		NORA F. RUDY	2 3 4
STAR CITY	6820	LINCOLN	OUACHITA	33 57	91 50	250	C		2P		5		R. A. GOYEN	2 3
STEVE	6856	YELL	ARKANSAS	34 53	93 19	682	C		7A		4		T. P. SIMS	2 3
STORY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C		7A		23		S. C. STORY	2 3
STUTTGART	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	60	60		GEORGE L. CLARK	2 3 5
STUTTGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35 04	93 48	500	C		9A		8		O. R. FENNELL	2 3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35 29	91 58	300	C		7A		3		SANTFRED REYNOLOS	2 3 7
TAYLOR	7038	COLUMBIA	REO	33 06	93 27	247	C		6P		5		YANCY M. NORWOOO	2 3
TEXARKANA WB AIRPORT	7048	MILLER	REO	33 27	94 00	368	C	MIO	MIO	63	63		U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33 38	92 21	170	C		7A		5		HENRY S. SPEER	2 3
TURNPIKE	7262	POPE	ARKANSAS	35 40	93 05	2087	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORO	ARKANSAS	35 26	94 21		C						BEN CORNELUS	7
VICK	7420	BRAOLEY	OUACHITA	33 19	92 09	115	C		6P		6		WILLARO K. SHARP	2 3
VIOLA	7450	FULTON	WHITE	36 24	91 59	692	C		7A		7		A. F. KING	2 3
WALORON	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM D. BIVENS	2 3 4 5
WALNUT GROVE	7524	INOEPENOENCE	WHITE	35 51	91 21	250	C		6P		7		A. H. FAST	2 3
WARREN	7582	BRAOLEY	OUACHITA	33 36	92 04	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150	C		MIO		3		HARRY E. BIRKINSHA	2 3 4
WEST FORK	7694	WASHINGTON	WHITE	35 55	94 11	1340	C		MIO		8		MRS. N. C. THRELKELO	2 3 4
WHEELING	7744	FULTON	WHITE	36 19	91 52	680	C		MIO		8		THOMAS W. CONE	2 3 4
WHITECLIFFS	7812	LITTLE RIVER	REO	33 48	94 03	290	C		7A				L. M. SNEAO	2 3 7
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	11	11		U. S. FOREST SERVICE	2 3 5
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		O. O. ANOERSON	2 3 5
WINFREY	7936	CRAWFORD	ARKANSAS	35 44	94 06	1152	C		MIO		8		CLYOE F. MEAOORS	2 3 4
WING	7950	YELL	ARKANSAS	34 57	93 28	350	C		MIO		5		MILES B. TURNER	2 3 4
WYNNE	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
YELLVILLE	8084	MARION	WHITE	36 13	92 41	900	C		7A		3		L. E. JOHNSON	2 3 7
NATHAN 4 MI. N.W.	5158	HOWARO	OUACHITA	34 07	93 52	550	C		7A		0		EONA J. WESTFALL	2 3
PARTHENON	5602	NEWTON	ARKANSAS	35 57	93 15	925	C		MIO		8		ARTHUR B. CARLTON	2 3 4
BLUFF CITY	0800	NEVAOA	OUACHITA	33 41	93 09	360	C		7A		-		R. P. PLYLER	2 3
JESSIEVILLE	3704	GARLANO	OUACHITA	33 42	93 04	730	C		7A		9		MRS. VELMA R. OUNN	2 3
SPARKMAN	6768	OALLAS	OUACHITA	33 55	92 48	260	C		6P		5		MRS. RACHEL M.BUTLER	2 3
MOUNT MAGAZINE		LOGAN	ARKANSAS	35 10	93 41	2800	C	7P	7P	0	0		U.S. FOREST SERVICE	2 3 5

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

-	No record
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
M	One or more days of record missing; see Table 5 for detailed daily record.
AR	This entry in time of observation column in Station Index means after rain.
SS	This entry in time of observation column in Station Index means sunset.
K	Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
R	Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
T	Trace, amount too small to measure.
Z	Hourly amounts from recording gage at the same site may be found in Table 4.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi-West Gulf. Amounts in this table are from recording gages. Traces are not shown. When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

Subscription Price: 15 cents per copy; $1.50 a year. (Yearly subscriptions includes Annual Summary. Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room #9, U. S. Court House, Ft. Worth 2, Texas.

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CLIMATOLOGICAL DATA

ARKANSAS

SEPTEMBER 1948

Volume LIII No. 9

NAT. HIST.

FT. WORTH: 1948

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages -- mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

ARKANSAS SEPTEMBER 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

September, 1948 was the driest September since 1928, and the third driest on record. Temperatures were also below normal, but despite these deficiencies, crops, excepting late corn and pastures, were approaching a near-record harvest.

The major portion of the rain fell during the first 10 days of the month, and was the direct result of a Hurricane moving inland near New Orleans on the 3rd. This hurricane developed into an orderly LOW and moved on NNE. The weather associated with this LOW gave light to moderate rains over the State, with near-normal amounts in the extreme NE part of the State.

A weak storm center (LOW) developed over Arkansas during the last days of the month, and caused general light to moderate showers over the State and accounted for about a quarter of the month's rain.

Thirty-five reports of high wind were received, but no damage occurred. There were no floods during the month, and rivers were at normal low stages for the season.

TEMPERATURES

The September mean temperature was 72.6°, 1.7° below the 58-year average. The daily run of temperatures were moderate and ranged from the month's high of 102° at El Dorado and Magnolia on the 6th and 8th, respectively, to the low of 35° at the Batesville Livestock Station on the 28th.

PRECIPITATION

The September average of 0.88 inch was just 26.7% of the 58-year average of 3.29 inches, making this the third driest September of record. The lowest of record was 0.45 inch in 1928.

The actual distribution of the rain was poor with the extreme NE corner of the State getting above normal amounts, and Polk County normal, while other stations reported figures down to zero. Two stations reported no rain during the month, while 6 reported only a trace.

Nine hail reports were received during the month, but no damage was reported.

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	73.4	102	40	0.94	0	2
1892	70.8	96	32	2.14	0	3
1893	74.0	103	36	3.75	0	5
1894	73.1	100	38	3.56	0	6
1895	77.1	105	32	1.36	0	4
1896	73.3	106	35	3.25	0	10
1897	76.6	108	33	0.60	0	2
1898	75.2	104	40	7.35	0	8
1899	71.9	109	28	1.21	0	3
1900	78.0	104	48	4.25	0	7
1901	68.4	101	32	3.08	0	4
1902	70.7	99	30	5.06	0	8
1903	75.4	102	34	2.47	0	5
1904	74.2	101	37	2.46	0	5
1905	75.7	100	44	3.90	0	8
1906	73.9	100	47	6.24	0	10
1907	73.4	106	38	2.22	0	4
1908	74.7	101	29	4.00	0	7
1909	76.4	108	31	2.84	0	5
1910	79.0	101	44	2.41	0	5
1911	78.5	102	46	3.67	0	6
1912	71.7	106	32	2.40	0	4
1913	74.4	108	33	10.10	0	13
1914	74.9	101	38	3.19	0	5
1915	72.5	100	34	1.43	0	3
1916	71.8	102	30	3.40	0	6
1917	67.3	99	37	1.76	0	4
1918	74.6	104	29	4.63	0	7
1919	74.9	108	40	2.72	0	4
1920	79.6	100	30	3.56	0	6
1921	76.2	104	35	3.38	0	6
1922	73.0	106	37	1.25	0	3
1923	69.7	98	45	5.56	0	9
1924	80.5	103	29	3.99	0	7
1925	76.8	113	47	5.96	0	7
1926	75.9	101	40	3.99	0	7
1927	70.5	105	32	3.37	0	6
1928	73.4	101	32	0.45	0	1
1929	75.7	102	41	2.46	0	5
1930	78.4	106	35	4.10	0	8
1931	73.8	102	34	1.00	0	3
1932	78.5	103	35	2.54	0	6
1933	71.3	102	41	5.10	0	8
1934	72.4	100	37	5.46	0	8
1935	78.9	103	35	3.13	0	5
1936	72.7	109	38	4.15	0	7
1937	75.7	102	34	4.27	0	7
1938	79.9	107	32	1.55	0	4
1939	71.2	112	35	1.77	0	2
1940	75.4	100	31	1.83	0	4
1941	71.3	102	39	3.60	0	5
1942	70.4	100	28	3.52	0	7
1943	74.3	104	38	3.23	0	8
1944	73.8	103	42	1.84	0	4
1945	74.0	104	39	7.85	0	10
1946	72.4	100	33	1.48	0	6
1947	76.0	112	36	3.28	0	5
1948	72.6	102	35	0.88	0	4
PERIOD	74.3	113	28	3.29	0	6

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN-SHINE	
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	AVERAGE PERCENT	DEGREE DAYS 65° BASE
FORT SMITH WB AP	30.32	26	29.63	22	6.2	24	N	28	77	87	41	45	84	10
LITTLE ROCK WB AP	30.31	17	29.63	22	7.3	25	E	19	79	84	56	65	73	10
TEXARKANA WB AP	30.27	26	29.66	22	-	26	NNE	28	74	84	41	46	-	2

CLIMATOLOGICAL DATA

Station	Temperature								Precipitation									
							No. of Days						Snow, Sleet, Hail			No. of Days		
	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
ALUM FORK	73.5	- 0.3	95	7+	50	28	19	0	.45	- 1.89	.20	7	.0			6	0	0
ARKADELPHIA	74.3	- 1.9	99	9+	48	27+	19	0	.53	- 2.24	.45	23	.0			3	1	0
ASHDOWN	73.3M		99	21	44	25	17	0	.84		.40	22	.0			3	2	0
BATESVILLE AIRWAY	72.1	- 0.8	97	8+	47	27	13	0	1.45		.55	28	.0			6	2	0
BATESVILLE LIVESTCK	71.7		98	24	35	28	17	0	.98		.46	29	.0			4	1	0
BEE BRANCH	73.1	- 1.2	101	22	47	26	16	0	.26	- 2.93	.20	29	.0			2	0	0
BENTON	72.3	- 2.3	99	23	41	26+	18	0	.69	0.69	.46	9	.0			5	1	0
BENTONVILLE	70.1	- 1.0	95	23	41	26+	10	0	.02	- 4.20	.02	25	.0			1	0	0
BETHESDA	69.6		96	23	42	27	10	0	1.05		.42	30	.0			3	2	0
BLYTHEVILLE	72.1	- 2.1	94	3+	46	26	11	0	4.17	1.05	1.32	6	.0			8	6	1
BOONEVILLE	70.7	- 4.8	100	21+	36	25+	17	0	1.00	- 2.32	.85	3	.0			2	1	0
BRINKLEY	72.9	- 1.9	97	8+	45	26	13	0	2.06	- 1.92	1.19	9	.0			5	2	1
CAMDEN 1	74.4M	- 1.2	99	23	46	25		0										
CAMP CHAFFEE	74.4M		100	23	45	26+		0										
CONWAY	72.2	- 2.6	95	6+	46	27	15	0	.63	- 2.72	.38	9	.0			3	1	0
CORNING	72.0	- 0.7	96	20	47	27	12	0	1.79	- 1.69	.76	29	.0			5	3	0
CROSSETT	74.3	- 1.3	98	8	49	25+	16	0	.54	- 1.85	.25	13	.0			4	1	0
CUMMINS FARM	72.0		96	22	47	25	12	0	.47		.27	28	.0			2	1	0
DARDANELLE	73.1	- 2.3	96	8+	48	25+	16	0	.35	- 2.96	.19	29	.0			2	0	0
DE QUEEN	74.0	- 1.6	96	6	48	30	13	0	1.66	- 0.70	1.42	9	.0			2	1	1
DES ARC	72.4		97	9	47	24+	13	0	.87		.86	9	.0			2	1	0
DEVILS KNOB	70.8		93	6	45	25	6	0	.T		.T	6	.0			0	0	0
DUMAS 1	74.0	- 2.1	99	6+	50	27+	14	0	.65	- 2.32	.42	28	.0			3	1	0
EL DORADO	76.4	- 0.8	102	7	48	25+	21	0	.78	- 2.11	.48	14	.0			7	1	0
EUREKA SPRINGS	71.5	- 0.8	95	22	46	26	9	0	.08	- 4.43	.05	7	.0			2	0	0
FAYETTEVILLE	70.6		94	22	42	27	7	0	.29		.24	24	.0			2	0	0
FAYETTEVILLE EX S	70.0	- 2.1	94	21+	41	27	7	0	.32	- 3.59	.21	24	.0			2	0	0
FORDYCE	75.6	- 0.7	99	7	49	25+	19	0	.75	- 3.19	.63	23	.0			2	1	0
FORT SMITH WB AIRPORT	74.0	0.0	98	6	46	26	17	0	.14	- 2.85	.08	3	.0			3	0	0
GILBERT	69.7		98	23	36	26	16	0	.31	- 3.26	.24	29	.0			2	0	0
GRANNIS	71.3	- 2.7	94	6+	48	24	6	0	1.57	- 2.67	1.49	9	.0			3	1	1
GRAVETTE	70.8	- 0.4	96	22	43	10+	9	0	.88	- 3.35	.88	23	.0			1	1	0
HARRISON	68.7	- 2.0	96	22	40	25+	10	0	.16	- 3.80	.12	28	.0			2	0	0
HARRISON AIRWAY	68.2		93	22	40	25	6	0	.15		.13	28	.0			2	0	0
HELENA	73.2	- 2.1	96	23	52	26+	14	0	1.61	- 1.67	.44	28	.0			9	2	0
HOPE	75.0	- 1.0	98	9+	49	11+	19	0	.08	- 2.98	.05	25	.0			2	0	0
HOT SPRINGS	75.7	- 0.1	98	23	52	26+	21	0	.21	- 3.16	.09	10	.0			4	0	0
JONESBORO	71.8	- 2.6	94	2+	48	26	10	0	3.04	- 0.32	1.14	29	.0			8	3	1
KEO	72.7		97	22	47	25	12	0	1.64		.85	9	.0			6	2	0
LEAD HILL	69.9	- 2.0	98	20	36	25+	15	0	.35	- 3.16	.23	4	.0			2	0	0
LITTLE ROCK WB AP	73.8	- 0.3	96	8	54	11	12	0	1.20	- 1.97	.91	22	.0			6	1	0
LUTHERVILLE	72.6	- 1.4	95	21	48	10+	14	0	.13	- 3.97	.10	28	.0			3	0	0
MAGNOLIA	77.4	- 0.2	102	8+	51	26	18	0	1.38	- 0.72	.80	22	.0			4	2	0
MALVERN	76.1		100	23	55	12	18	0	.31		.25	9	.0			4	1	0
MAMMOTH SPRING	69.3	- 2.4	94	21	38	30	13	0	.19	- 3.33	.19	6	.0			1	0	0
MARIANNA	71.5	- 2.6	94	22	45	24	12	0	1.22	- 1.52	.36	28	.0			6	2	0
MARKED TREE	72.3	- 1.1	97	22	46	26	14	0	2.19	- 0.77	.90	29	.0			5	3	0
MARSHALL	69.8M	- 2.0	95	21+	39	26	10	0	.56	- 3.47	.26	28	.0			3	1	0
MENA	72.7	- 1.6	97	22	49	27	9	0	1.70	- 2.16	.82	9	.0			7	2	0
MONTICELLO	74.3		98	8	51	25+	13	0	1.15		.62	13	.0			5	1	0
MORRILTON	73.6	- 1.4	98	8+	50	25+	18	0	.91	- 1.92	.70	9	.0			2	1	0
MOUNT IDA 1	69.5M	- 3.6	99	21	39	26		0										
MOUNT MAGAZINE	69.1M		91	22	45	26	1	0	.41		.25	22	.0			3	1	0
MOUNTAIN HOME	70.6	- 1.2	96	22	43	10	12	0	.35	- 3.40	.30	28	.0			2	1	0
NASHVILLE	74.6		97	7+	48	11	17	0	1.22		1.05	3	.0			5	1	1
NEWPORT	73.0	- 1.3	97	8+	50	26	15	0	2.50	- 0.92	1.43	9	.0			7	2	1
NIMROD DAM	72.8		99	23	44	25	18	0	.70		.47	9	.0			4	1	0
NORFORK DAM	70.9		97	21	42	25	15	0	.54		.38	29	.0			2	1	0
ODEN	73.5M																	
OKAY	75.5	- 1.2	99	6+	45	27	21	0	.35	- 2.47	.35	22	.0			1	1	0
OZARK	73.9	- 1.7	98	8+	48	25	18	0	.19	- 3.21	.19	5	.0			1	0	0
PARAGOULD	70.9		95	21	43	27	11	0	2.79	0.30	1.24	5	.0			8	3	2
PERRYVILLE	71.4	- 1.6	96	6+	41	9	11	0	.60	- 2.90	.48	10	.0			2	1	0
PINE BLUFF	75.8	- 0.7	98	7+	51	25+	17	0	1.22	- 2.15	.90	9	.0			4	1	0
POCAHONTAS 1	73.4	- 0.1	98	21	49	10+	16	0	1.21	- 2.13	.68	28	.0			4	2	0
PORTLAND	74.4	- 1.7	96	9	49	25+	19	0	1.22	- 1.38	.43	28	.0			7	2	0
PRESCOTT	74.2	- 2.4	99	7	48	30	18	0	.08	- 2.84	.04	14	.0			4	0	0
ROGERS	69.7	- 1.5	95	22	43	10+	5	0	.T	- 4.08	.T	7	.0			0	0	0
SAINT CHARLES	72.2		97	22	47	24	12	0	1.10		.45	9	.0			5	2	0
SEARCY	74.5	0.0	100	8+	51	26	17	0	.30	- 2.63	.21	28	.0			4	0	0
SILOAM SPRINGS	70.1		95	22	41	27	7	0	.72		.70	24	.0			2	1	0
STUTTGART	72.8	- 2.4	93	8+	51	25	9	0	1.36	- 1.73	.50	9	.0			5	3	0
STUTTGART 9ESE	72.8	- 2.0	94	7+	50	25+	11	0	1.57	- 1.06	.89	9	.0			6	2	0
SUBIACO	74.2M	- 0.9	96	22	49	25+	14	0	.48	- 2.91	.24	28	.0			3	0	0
TEXARKANA WB AIRPORT //	75.9	- 0.9	97	6	50	27	19	0	.23	- 2.44	.19	22	.0			3	0	0
TURNPIKE	68.1		89	21+	36	27	0	0	1.48	- 3.38	1.30	4	.0			3	1	1
WALDRON	72.4		97	21+	40	25+	18	0	.63	- 2.53	.58	4	.0			2	1	0
WARREN	75.9	- 0.3	94	3	50	12	14	0	.41	- 2.97	.22	28	.0			3	0	0
WHITE ROCK	70.7		90	21	50	26	1	0	.12		.12	5	.0			1	0	0
WILSON	74.2M	0.7																
WYNNE	72.9	- 1.5	95	8+	47	26	12	0	1.26	- 2.01	.73	28	.0			5	2	0
STATE	72.6	- 1.7	102	7+	35	28			.88	- 2.41	1.49	9	.0					

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station		Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBOTT																				T				.80						.10			0.90
ALICIA	P				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
ALPINE					.88			T	.28	.36											.03			1.24		.04				T			2.83
ALUM FORK	Z			.05				.20	T	.05				T										T					.05	.05	.05		0.45
ALY	R									.45				.05						.15				.09	.10								0.84
ANTOINE					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
APLIN										.27	.02																			.20			0.49
APPLETON	R			.06																									.20				0.26
ARKADELPHIA	Z									.01					.07									.45						T			0.53
ARKANSAS CITY					T	T				.06	T			T	.25									T					.66	.19	T		1.16
ASHDOWN				.33																			.40		.11								0.84
ATHENS										1.02	.03													.30		.08				T			1.43
ATLANTA	R								.35					.30		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
AUGUSTA	Z					T	.05	.08	T	.96	.08																		T	.48			1.65
BATESVILLE AIRWAY					.01	.11				.53									.17	.08									.55				1.45
BATESVILLE LIVESTCK						.25	.03		T	.24																				.46	T		0.98
BATESVILLE L D 1	Z					.01	.11			.37										.40	.16									.57			1.62
BEAR CREEK LAKE	R			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
BEATY LAKE					T	.33				.12																		T	.69	.07			1.21
BEAVER						T		.09																						.03			0.12
BEE BRANCH									.06																					.20			0.26
BEECH GROVE					.16	.52	.54	.03		.04																			.06	1.08			2.43
BEEDEVILLE		.60				T																						T	1.00				1.60
BENTON										.46	.06				.04						.04									.09			0.69
BENTONVILLE																										.02							0.02
BERRYVILLE	R																												.06				0.06
BETHESDA							.39			.24																					.42		1.05
BIG FLAT					.09	T	.02		T																					.54	T		0.65
BIG FORK				1.80						1.50													1.00										4.30
BIG LAKE OUTLET					.65	1.25	.67		.22	.31																			.49	1.09			4.68
BLACK ROCK							.44	T		.25																			T	.78			1.47
BLUE MOUNTAIN DAM	R																						.20						.08				0.28
BLUFF CITY 3SW															.14																		0.14
BLYTHEVILLE						.43	1.32	.46	.08		.31	.02																	.63	.92			4.17
BOONEVILLE	Z			.85																					.15								1.00
BOONEVILLE 2S					.32																			.01		T				.02			0.35
BOTKINBURG	R			.39	.01																		.10						.21				0.71
BOUGHTON																					.54												0.54
BRADFORD						T	.05			T	.10														T					.40			0.55
BRINKLEY	//Z						.04			1.19	.10																		.26	.47			2.06
BULL SHOALS DAM	R				.45																								.01				0.46
BURDETTE					.46	1.40	.35	.11									.10												1.73				4.15
CABOT																							.05						.26	T			0.31
CALICO ROCK					1.10	T	.18		T							T										-	-	-	-	-	-		-
CAMDEN 1				-										.05	.17									.10									-
CAMP CHAFFEE												-												.66		T				T			-
CANAAN	R																									-	-	-	-	-	-		-
CARLISLE		-	-	-						.09																					.42		-
CARPENTER DAM	R								.34	.08													.03										0.45
CLARENDON					T	.01				.36	.15				.30														.29	.25	.04		1.40
CLINTON					.10	.07	.10																							.30			0.57
COLD SPRINGS				T						.11														.10									0.21
COMBS	P				.35																												0.35
COMPTON	P																																0.00
CONWAY										.38														.01					.24	T			0.63
CORNING	Z					.42	.47	.09		.05																			T	.76			1.79
COTTER							T																							.34			0.34
COVE										.74		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
CROSSETT										.04	.05			.25															.20				0.54
CRYSTAL VALLEY										T				T																T			T
CUMMINS FARM					T				T	.20				T														T	.27				0.47
DAISY	R								.65											.20			.20										1.05
DANVILLE	Z							T		.26	.05										.48			.60						.09			1.48
DARDANELLE							.16																							.19			0.35
DE QUEEN				.24						1.42																							1.66
DENVER	R					.06																.06							.18				0.30
DERMOTT										.10				.20	.52									.18					.60	.08			1.68
DES ARC						T	T	T		.86	.01																				T		0.87
DEVILS KNOB							T	T															T						T				T
DUMAS 1					T					T				.20															.42	.03			0.65
DUMAS 2	R									.08																		.22	.20				0.50
DURHAM	R																																0.00
EAGLE GAP					T			.01		.83														T		T							0.84
EL DORADO AP										.08	.02			.02	.48									.12					.05	.01			0.78
ELKINS				.18																													0.18
EUREKA SPRINGS								.05																					.03				0.08
EVENING SHADE					T	.02	.15	T																						.58			0.75
FAYETTEVILLE				.05			T																		.24								0.29
FAYETTEVILLE EX S				.11	T				T	T															.21					T			0.32
FORDYCE																								.63					.12	T			0.75
FOREMAN	R																						.17										0.17
FORESTER					T		.03		1.02	.01		T	.13							.01				.02					.04				1.26
FORREST CITY	R			.04	.35				.18																			.12	.56				1.25
FORT SMITH WB AIRPORT	Z			.08						T													.05		.01				T				0.14
FORT SMITH WTR PLNT				.01		.02																				.40							0.43
FOUNTAIN HILL										.80				.55									.28						.28				1.91
FULTON										T	T													.24									0.24
GARLAND										.80				T																			0.80
GEORGETOWN						T				.80					.05										T				.08	.37			1.30
GILBERT	Z				.07		T		T															T						.24			0.31
GLENWOOD				.18					.46	.56														2.01	.12								3.33
GRANNIS				T						1.49														.02		.06							1.57
GRAVELLY								T		.97	.02				.06									.03						.02			1.10
GRAVETTE																								.88									0.88
GREEN FOREST						.22			T																								0.22
GREEN MOUNTAIN					.59	.20													-	-	-	-	-	-	-	-	-	-	-	-	-		-
GREENWOOD						T																	.65		T				.02				0.67
GURDON										T	T				.03						.26			.57						T			0.86
HAMPTON										.56														1.30									1.86
HARDY	R						.07																						.47				0.54
HARRISON					.04																								.12				0.16
HARRISON AIRWAY	Z				.02	T		T																					.13				0.15
HEBER SPRINGS 3 [illegible]								.05	.37																				.37				0.79
HECTOR					.20																									.15			0.35
HELENA						.17	.05			.24	.02			.06	.42														.44	.18	.03		1.61
HENDERSON						.12	T																						.22	.08			0.42
HOPE					T										T									.03		.05							0.08
HOPPER				T						1.22	T										T			.20					T				1.42
HORATIO					.26					.52	.04				.04									.03									0.89
HOT SPRINGS								T			.09	.04			T									.01						.07			0.21
HUNTSVILLE	R					.05																		.07									0.12
HUTT[illegible] DAM	Z									.44	T			.21	.10														.18	T			0.93
JASPER						T			T																T					.08			0.08
JESSIEVILLE										.10					T															.09			0.19
JONESBORO					.11	.45	.82	.23		.20	.03																		.06	1.14			3.04

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
KEO					.42					.85				.12									.03	.03					.19				1.64
LAKE CITY				.09		1.12	.24			.22																			1.35	.05			3.07
LEAD HILL					.23	.12																											0.35
LEE CREEK						.14																				.26							0.40
LEOLA														T										.45					.05				0.50
LITTLE ROCK WB AP	Z							.02	T	T				.03						.12			.91	.03				T	.09	T			1.20
LITTLE ROCK FILT PL								T	T															.03					.17				0.20
LOCK AND DAM NO 3						T	.27			.28																				.46			1.01
LOST CORNER				.12																										.20			0.32
LURTON					.21			.03																						.22			0.46
LUTHERVILLE				.01				.02																					.10				0.13
MADISON						.20	.10			.15	.02																		.25	.45			1.17
MAGNOLIA	Z								.08					.09									.80							.41			1.38
MALVERN										.25	.02	T		T	T										.03						.01		0.31
MAMMOTH SPRING							.19																										0.19
MARIANNA	Z					.15	.07			.22					.11														.36	.31			1.22
MARKED TREE						.54	.16			.19																			.40	.90			2.19
MARSHALL					.18	T			T																				.26	.12			0.56
MARVELL							.31								.51															2.16			2.98
MAUMEE	R					.10																		.12					.24	.01			0.47
MELBOURNE					.45	.20	.40	T		T									-	-	-	-	-	-	-	-	-	-	-	-	-		-
MENA	Z				.11	.15		T		.82	T				.40									.02		.17				.03			1.70
MONTICELLO	Z								.15					.62	.02													.18	.18	T			1.15
MOROBAY L D 8	Z									1.03	T			.70															.07	T			1.80
MORRILTON										.70	T														T					.21			0.91
MOUNT IDA 1	R	-	-	-						.40				.19									.96	T									-
MOUNT IDA 2						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
MOUNT MAGAZINE														.02									.25						.14				0.41
MOUNTAIN HOME	Z				.05																								.30				0.35
MOUNTAIN VIEW					.12	.15	.37			.01	.01														T					.51			1.17
MOUNTAINBURG																									.41								0.41
MULBERRY						T		T																T		T							T
NASHVILLE				1.05					T	.06					.06						.03			.02						T			1.22
NATHAN					T					.31					T									.48		T				T			0.79
NEWHOPE									1.00											T			.15										1.15
NEWPORT						.03	.15		.05	1.43	.08									.01									T	.75			2.50
NIMROD DAM	Z				.02			T		.47					T						.05									.16			0.70
NORFORK DAM	Z							.16																						.38			0.54
ODELL						.57	.02																			.55							1.14
ODEN					-	-	-	-	-	-	-													.07	.05								-
OKAY																							.35		T								0.35
OSCEOLA					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
OWENSVILLE					.03			T		.95	.06				T						T								T				1.04
OZARK						.19																								T			0.19
PARAGOULD				.02	.04	1.24	.08		.03	.31																			1.05	.02			2.79
PARKIN						.37				.40																-	-	-	-	-	-		-
PARTHENON	R																												.10	.03			0.13
PERRYVILLE											.48																		.12				0.60
PINE BLUFF										.90	.05				T										T				.18	.09	T		1.22
PINE RIDGE					.10					.93											.35			.17		.18							1.73
POCAHONTAS 1						.46		T		.05																			.68	.02			1.21
PORTLAND										.27	.02			.12	.15									.10					.43	.13			1.22
PRESCOTT							T			.02					.04						.01			.01						T			0.08
PYATT	R				.05																								.15				0.20
RATCLIFF										T													T				T						T
RAVANA	R								.13	.47																							0.60
RED STAR																			-	-	-	-	-	-	-	-	-	-	-	-	-		-
REMMEL DAM	R								.09	.23													.03										0.35
ROCKHOUSE				.60																													0.60
ROGERS								T																	T								T
RUSSELLVILLE						.27						-	-	-	-	-	-	-	-	-	-	-	-	-	-				.22				-
SAINT CHARLES					.06	T				.45	T																		.40	.13	.06		1.10
SAINT FRANCIS						.45	.80	.14	.19	.40																				.99			2.97
SEARCY							.03	.03		.03																			.21	T			0.30
SHIRLEY				T	.16					.14														.11					.19				0.60
SILOAM SPRINGS				.02																					.70				T	T			0.72
SMITHVILLE	R					.22				.05																			.53				0.80
SPARKMAN					-	-	-	-	-	-	-													.60									-
STAR CITY		-	-	-	-	-	-	-	-	-	-			2.00															.27				-
STEVE								T		.42				.26																T			0.68
STORY					.05					.66																							0.71
STUTTGART										.50	.30				.09													.27	.20				1.36
STUTTGART 9ESE	Z					T				.89	.11				.06														.29	.16	.06		1.57
SUBIACO				.07										.17															.24				0.48
SUGAR GROVE																								.77						T			0.77
SUGAR LOAF MTN						.02	.08			.38																				.23			0.71
TAYLOR									.04	.34				.06									.06										0.50
TEXARKANA WB AP	//Z			.03					T	T				.01	T								.19		T				T				0.23
TURNPIKE					1.30																								.10	.08			1.48
VIOLA							.72	.10																						.88			1.70
WALDRON	Z				.58			T		.05				T						T			T						T				0.63
WALNUT GROVE						.28																							.84	T			1.12
WARREN										.12					.07														.22	T			0.41
WEDINGTON LAKE	R			.18																					.76								0.94
WEST FORK	R			.15																					.46								0.61
WHEELING	R																													.40			0.40
WHITE ROCK						.12																											0.12
WHITECLIFFS				T											T									T			T						T
WILSON				-	1.05	1.00																				-	-	-	-	-	-		-
WINFREY	R																							.04	.45			-	-	-	-		-
WING	R									.55				.05																			0.60
WYNNE						.33				.15																		.02	.73	.03			1.26
YELLVILLE			.21																														0.21

See reference notes following Station Index.

TABLE 4
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-2d-																									
ALUM FORK															.11	.03									.14
-3d-																									
ALUM FORK															.07										.07
APPLETON																			.05	.01					.06
BEAR CREEK LAKE													-	-	-	-	-	-	-	-	-	-	-	-	-
BOONEVILLE														.13	.71	.01									.85
BOTKINBURG																					.10	.20	.08	.01	.39
FORREST CITY																					.01	.02		.01	.04
FORT SMITH WB AIRPORT															.08										.08
GILBERT																					.08				.08
MENA															.09	.01									.10
NIMROD DAM																.02									.02
TEXARKANA WB AP //																	.03								.03
WEDINGTON LAKE																		.18							.18
WEST FORK																		.15							.15
-4th-																									
ALICIA													-	-	-	-	-	-	-	-	-	-	-	-	-
BOTKINBURG	.01																								.01
BULL SHOALS DAM																	.45								.45
COMBS																.30	.05								.35
FORREST CITY	.01	.01	.02	.04	.02	.11	.06	.06	.02																.35
HARRISON AIRWAY 6													*	*	*	*	*	*	.02						-
MENA															.14										.14
MOUNTAIN HOME																	.03	.02							.05
PYATT																.05									.05
WALDRON																.55	.07								.62
-5th-																									
AUGUSTA									*	*	*	*	*	*	.05										.05
BATESVILLE L D 1				*	*	*	*	*	*	*	*	*	*	*	*	*	.12								.12
BRINKLEY //									*	.04															.04
CORNING		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.89								.89
DENVER														.06											.06
HUNTSVILLE																	.05								.05
MARIANNA	.02			.04		.01	.01	.02					.01	.02		.01									.14
MAUMEE													.10												.10
MOUNT IDA 1																		-	-	-	-	-	-	-	-
SMITHVILLE							.05	.02	.03		.05		.05	.02											.22
-6th-																									
HARDY										.01		.05	.01												.07
NORFORK DAM												*	*	*	*	.14									.14
-7th-																									
ALUM FORK																	.06	.18	.02						.26
AUGUSTA					*	*	*	.08																	.08
CORNING						*	.09																		.09
HEBER SPRINGS 3SW																		.05							.05
LITTLE ROCK WB AP							.02																		.02
MAGNOLIA																								.08	.08
NORFORK DAM					.02																				.02
-8th-																									
ATLANTA																			.08	.01	.01	.14	.06	.05	.35
AUGUSTA																				*	*	*	*	*	*
BRINKLEY //																					.25	.64	.01	.17	1.07
CAMDEN 2																.02									.02
CARPENTER DAM															.15				.16	.03					.34
DAISY																	.63	.02							.65
FORREST CITY																						.14		.04	.18
HEBER SPRINGS 3SW				.02	.18	.17																			.37
HUTTIG DAM																					.09	.26			.35
MAGNOLIA	.02																								.02
MARIANNA																								.07	.07
MONTICELLO																					.07		.01	.02	.10
MOROBAY L D 8																			.03	.95	.05				1.03
PINE BLUFF 3N																			.80						.80
RAVANA													.01	.02		.01	.01							.08	.13
REMMEL DAM																.09									.09
STUTTGART 9ESE																							.54	.02	.56
-9th-																									
ALUM FORK							*	*	*	*	*	*	*	.05											.05
ALY				.02	.18	.10	.15																		.45
ARKADELPHIA						.01																			.01
AUGUSTA	*	*	*	*	*	*	*	*	*	*	*	1.04													1.04
BATESVILLE L D 1					.25	.08																			.33
BRINKLEY //	.10		.02	.02							.08	.02													.24
CARPENTER DAM								.08																	.08
CORNING					*	.05																			.05
DANVILLE		.08	.04	.18		.05	.05																		.40
DUMAS 2																								.08	.08
HUTTIG DAM		.05	.02	.02																					.09
MARIANNA	.04	.09		.01	.01																				.15
MENA		.05	.01	.51	.15	.08																			.80
NIMROD DAM				.05	.16	.09	.11	.06																	.47
PINE BLUFF 3N										.05															.05
RAVANA	.47																								.47
REMMEL DAM								.20	.03																.23
SMITHVILLE					.05																				.05
STUTTGART 9ESE	.02	.27	.05						.03	.06	.02														.45
WALDRON					.05																				.05
WING				.25	.10	.20																			.55

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
SEPTEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—10th—																									
BEAR CREEK LAKE																	-	-	-	-	-	-	-	-	-
—13th—																									
ALY															.05										.05
ARKAOELPHIA										.06															.06
ATLANTA										.05	.05			.02	.13		.04		.01						.30
CAMOEN 2						.02	.01	.03	.03	.01						.05	.02								.17
HUTTIG OAM								.09	.10	.03				.02											.24
LITTLE ROCK WB AP												.02	.01												.03
MAGNOLIA									.08	.02		.02													.12
MARIANNA											.10														.10
MENA														.12		.23									.35
MONTICELLO							.02	.06	.09	.02		.01		.08	.02	.03	.02	.04	.08	.01				.02	.50
MOROBAY L O 8								.15	.05	.04	.07	.09	.05		.01	.19		.05							.70
PRESCOTT SCS																.05									.05
STUTTGART 9ESE									.05																.05
WING															.05										.05
—14th—																									
CAMOEN 2									*	*	.05														.05
MONTICELLO			.01	.01																					.02
—15th—																									
ATLANTA								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—18th—																									
BATESVILLE L O 1													.45												.45
—19th—																									
ALY													.14	.01											.15
BATESVILLE L O 1																	.15								.15
OAISY										.05	.01	.13	.01												.20
OANVILLE													.40	.10											.50
LITTLE ROCK WB AP																			.08	.04					.12
NIMROO OAM														.05	.01										.06
—21st—																									
OENVER									.02	.04															.06
—22d—																									
ARKAOELPHIA														.03					.24	.09	.07				.43
BLUE MOUNTAIN OAM																.20									.20
BOTKINBURG														.10											.10
CAMOEN 2														.03						.01	.11	.01	.02		.18
CARPENTER OAM																				.03					.03
OAISY																		.05	.10	.05					.20
OANVILLE																.37									.37
FOREMAN																.07	.01		.02	.07					.17
FORT SMITH WB AIRPORT															.04	.01									.05
LITTLE ROCK WB AP																.90	.01								.91
MAGNOLIA																.57	.16	.04							.77
PINE BLUFF 3N																								.25	.25
REMMEL OAM																				.02	.01				.03
TEXARKANA WB AP //															.08	.13									.21
—23d—																									
ALY																.06	.03								.09
HUNTSVILLE														.07											.07
LITTLE ROCK WB AP																	.02	.01							.03
MAUMEE													.12												.12
PINE BLUFF 3N	.45																								.45
WINFREY															.04										.04
—24th—																									
ALY									.10																.10
BOONEVILLE											.10														.10
FORT SMITH WB AIRPORT											.01														.01
MENA												.18													.18
WEDINGTON LAKE									.53	.22	.01														.76
WEST FORK									.19	.10	.16	.01													.46
WINFREY											.20	.20	.05												.45
—25th—																									
CANAAN								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—27th—																									
BRINKLEY //																.01	.03	.02		.05	.05	.01		.02	.19
OUMAS 2																				.04	.05	.07	.05	.01	.22
FORREST CITY																		.04	.04	.02		.02			.12
HUTTIG OAM																						.04	.02	.02	.08
MARIANNA															.03	.02	.03	.04	.07	.02	.04		.01		.26
MONTICELLO																					.04	.05	.01	.05	.15
PINE BLUFF 3N																							.07	.03	.10
STUTTGART 9ESE																	.03		.01	.04	.05	.10	.01	.01	.25
WINFREY									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—28th—																									
ALUM FORK						*	*	*	*	*	*	*	*	*	*	*	.05								.05
APPLETON													.03	.01	.03	.08	.04			.01					.20
AUGUSTA									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BATESVILLE L O 1											.10	.05	.15	.11	.09										.50

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BERRYVILLE																	.02			.04					.06
BLUE MOUNTAIN DAM																.05	.01	.02							.08
BOTKINBURG												.04	.01	.06	.08	.01	.01								.21
BRINKLEY //			.01	.01	.01					.09	.01		.05	.20	.05										.43
BULL SHOALS DAM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.01	.01
CORNING							*	*	*	*	*	*	*	*	.76										.76
DANVILLE														.05	.02	.06	.02								.15
DENVER																.04	.04			.10					.18
DUMAS 2	.05	.01	.04	.01	.02			.02						.03	.02										.20
FORREST CITY							.04	.02	.10	.04	.01	.07	.10	.18											.56
GILBERT													.06	.05	.03	.01								.05	.20
HARDY											.02	.17	.20	.08											.47
HARRISON AIRWAY													*	*	*	*	*	*	.13						-
HEBER SPRINGS 3SW													.09	.08	.05	.08	.02							.05	.37
HUTTIG DAM	.01		.03	.02			.05																		.11
LITTLE ROCK WB AP												.01			.01	.03	.03	.01							.09
MARIANNA		.03	.02	.04							.01	.09	.16												.35
MAUMEE													.05	.05	.07	.03								.04	.24
MENA																.05									.05
MONTICELLO	.05			.02	.03																				.10
MOROBAY L D 8		.02	.01	.02				.02	.01																.08
MOUNTAIN HOME													.10	.07	.08	.01									.26
NIMROD DAM													.01	.01	.07	.01	.05	.02	.01						.18
NORFORK DAM										.01	.01	.01	.08	.04	.04								.01	.03	.23
PARTHENON															.03	.03	.04								.10
PYATT													.05	.05	.05										.15
SMITHVILLE											.08	.12	.12	.07	.03	.03	.05	.03							.53
STUTTGART 9ESE				.03	.02		.03			.01			.01	.06	.04							.01	.01		.22
												−29th−													
ALUM FORK										*	*	*	*	.05											.05
AUGUSTA	*	*	.48																						.48
MAUMEE	.01																								.01
NIMROD DAM								.01		.01	.01														.03
NORFORK DAM	.05	.02	.03	.01																					.11
PARTHENON														.03											.03
WHEELING											.09	.08	.08	.05				.05					.05		.40
												−30th−													
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEAR CREEK LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT IDA 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINFREY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DAILY TEMPERATURES

Table 5

Station		Day of month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX	89	92		92	86	94	95	95	90	90	90	89	87	90	92	92	92	92	92	92	95	95	92	85	77	77	75	76	63	64		87.4
	MIN	65	60	58	60	64	63	68	66	61	55	53	54	55	63	64	60	60	60	65	66	65	62	62	57	53	52	55	50	55	53		59.5
ARKAOELPHIA	MAX	93	92	93	95	89	93	98	98	99	75	60	90	91	84	92	95	96	94	95	92	96	97	99	87	82	79	76	78	74	70		89.1
	MIN	64	58	61	65	65	63	64	67	65	55	50	51	58	64	61	62	65	65	65	65	61	62	64	57	51	52	48	52	58	48		59.5
ASHOOWN	MAX	92	94	94	90	93	97	97	96	77	80	88	90	85	90	84	90	93	93	92	96	99	91	71	79	76	80	82	83	83	85		88.0
	MIN	54	64	65	57	60	67	64	67	64	59	62			60	62	64	65	69	62	62	64	62	46	50	44	52	51	50	46	48		58.6
BATESVILLE AIRWAY	MAX	87	93	93	86	72	95	95	97	70	83	88	87	87	91	90	92	90	88	94	95	96	97	87	77	75	71	77	69	65	77		85.5
	MIN	58	57	66	62	64	62	71	68	59	51	52	53	58	58	59	56	61	62	65	70	66	65	59	52	48	49	47	56	54	54		58.7
BATESVILLE LIVESTCK	MAX	91	89	92	92	88	88	93	96	97	79	85	88	87	90	91	93	93	91	94	96	97	96	95	98	85	80	75	79	62	75		88.5
	MIN	55	53	63	58	64	57	68	65	59	49	48	50	54	54	53	51	56	58	61	65	61	63	62	43	46	46	42	35	55	50		54.8
BEE BRANCH	MAX	93	92	92	91	82	92	94	96	88	85	86	88	89	95	95	93	91	88	95	93	95	101	93	83	78	74	81	73	64	77		87.9
	MIN	60	55	65	63	65	60	68	63	62	50	50	52	58	58	62	59	60	61	62	62	61	65	61	52	48	47	49	56	55	56		58.2
BENTON	MAX	93	91	93	93	92	91	96	95	95	72	80	87	88	81	90	94	95	93	93	93	95	96	99	85	81	80	78	80	69	67		87.8
	MIN	60	56	64	63	60	58	66	61	62	52	48	51	60	60	60	58	57	59	62	61	58	62	63	57	45	41	41	53	56	47		56.7
BENTONVILLE	MAX	90	89	88	92	89	86	92	90	83	74	83	85	86	84	88	91	90	86	87	90	92	94	95	84	78	74	75	73	73	66		85.0
	MIN	64	55	58	61	58	57	61	64	52	44	49	52	53	53	56	56	61	61	64	65	66	63	62	56	43	41	41	42	49	48		55.2
BETHESOA	MAX	88	86	89	89	85	77	93	94	95	70	81	88	84	86	90	90	91	89	94	92	85	95	96	81	78	76	72	77	65	65		84.7
	MIN	55	52	62	58	64	55	68	66	58	50	46	47	54	52	55	50	54	56	59	62	61	63	58	48	43	43	42	55	52	48		54.5
BLYTHEVILLE	MAX	88	86	94	94	80	72	90	88	94	67	81	82	87	81	90	88	93	89	91	92	94	94	90	73	75	73	71	75	70	73		83.8
	MIN	61	64	66	66	66	65	66	69	63	55	58	58	64	63	62	62	63	65	65	67	65	67	59	49	48	46	48	49	55	55		60.3
BOONEVILLE	MAX	91	92	94	88	90	97	97	96	87	83	90	88	89	92	94	95	94	94	95	97	100	100	89	83	79	79	77	77	74	86		89.6
	MIN	60	54	67	64	62	62	69	65	54	40	38	44	48	48	49	52	56	58	56	57	54	55	52	51	36	36	37	42	43	42		51.7
BRINKLEY	MAX	89	94	95	86	80	95	94	97	88	80	87	87	82	90	92	93	88	92	93	93	96	97	85	80	77	76	78	63	66	78		86.4
	MIN	59	60	65	64	60	63	70	69	63	56	53	55	62	59	63	61	63	65	66	64	63	66	60	46	46	45	47	55	56	56		59.3
CAMDEN 1	MAX	94	92		97	89	91	97	98	98	78	79	89	90	81	91	94	94	94	95	92	96	97	99	91	83	79	76	79	73	77		89.1
	MIN	62	60		63	64	66	71	67	68	57	50	52	57	67	62	62	63	64	67	62	60	63	66	57	46	48	49	53	57	47		59.7
CAMP CHAFFEE	MAX	94	91	92	92	92	76	97	97	94	79		91	89	88	92	94	95	93	93	96	97	98	100	98	82	78	75	77	75	74		89.3
	MIN	63	62	68	65	62	65	71	68	63	48		47	56	55	58	61	65	65	66	67	64	65	64	59	49	45	45	55	52	51		59.4
CONWAY	MAX	90	92	92	89	84	95	95	94	82	80	87	87	84	90	92	92	90	91	92	93	95	95	85	80	78	73	78	74	67	80		86.5
	MIN	58	56	65	63	63	60	68	65	61	51	51	52	58	56	60	57	61	61	65	63	61	64	60	52	47	48	46	55	56	54		57.9
CORNING	MAX	89	89	93	94	86	70	90	82	94	70	83	87	89	87	90	89	93	90	92	96	95	96	95	78	75	74	72	78	62	61		84.6
	MIN	59	59	66	64	66	66	68	69	63	51	54	55	62	55	60	57	62	60	68	69	66	65	62	48	48	48	47	53	56	53		59.3
CROSSETT	MAX	90	93	91	86	91	96	95	98	93	79	87	88	84	86	93	93	91	91	92	93	94	97	88	85	79	75	79	71	73	86		87.9
	MIN	67	65	66	65	61	67	68	67	68	61	56	53	69	68	60	63	63	63	61	58	58	61	62	56	49	51	49	57	58	49		60.6
CUMMINS FARM	MAX	88	91	91	84	86	94	93	95	84	78	84	87	82	88	92	92	88	91	92	92	94	96	85	80	73	70	79	65	67	81		85.4
	MIN	63	60	65	65	63	62	67	65	63	59	49	52	66	61	62	60	58	62	61	60	58	62	63	52	47	48	49	54	53	48		58.6
DAROANELLE	MAX	93	89	91	93	90	89	93	96	95	74	80	87	87	86	91	94	93	92	91	94	96	96	96	85	82	80	74	78	73	67		87.5
	MIN	63	60	59	59	65	63	63	63	65	52	52	52	53	56	59	62	62	62	63	63	66	66	66	56	48	48	52	52	55	52		58.6
DE QUEEN	MAX	90	91	91	88	88	96	94	94	80	76	88	85	92	87	90	91	89	89	90	91	93	94	89	84	80	75	77	77	82	83		87.1
	MIN	62	57	65	66	60	64	68	66	63	54	50	55	65	65	61	65	68	68	68	64	63	64	62	61	49	53	55	63	54	48		60.9
DES ARC	MAX	90	88	92	92	85	81	95	94	97	68	80	85	86	84	89	90	93	88	91	92	93	95	96	80	78	75	73	77	63	68		85.3
	MIN	63	59	66	64	64	63	63	69	62	54	53	55	63	58	62	61	63	64	67	64	62	66	60	47	51	50	47	49	55	57		59.4
DEVILS KNOB	MAX	85	84	85	89	91	93	89	92	75	77	84	82	80	84	84	85	84	82	89	90	92	90	82	80	75	70	70	68	65	74		82.3
	MIN	58	60	68	60	62	61	65	67	54	51	58	61	62	58	65	65	64	67	65	66	66	70	62	52	45	45	47	50	50	52		59.2
DUMAS 1	MAX	90	92	93	83	90	99	97	99	84	79	85	85	78	88	92	94	89	94	94	94	96	94	85	80	76	74	78	64	68	80		86.5
	MIN	64	62	67	64	67	65	70	68	67	61	52	57	70	65	63	63	63	65	65	62	62	63	64	54	56	51	50	57	57	50		61.5
EL DORAOO	MAX	99	97	100	98	92	95	102	100	101	82	83	92	95	80	91	95	96	96	97	96	98	99	101	95	87	82	82	81	70	82		92.1
	MIN	64	61	63	62	62	65	70	70	67	58	52	54	57	66	62	64	65	62	69	65	64	65	67	58	48	48	48	51	56	54		60.6
EUREKA SPRINGS	MAX	86	87	90	86	85	90	90	85	73	82	85	86	85	87	90	90	88	87	91	92	92	95	84	77	74	71	72	72	64	74		83.7
	MIN	59	58	63	61	61	60	63	66	55	49	60	58	59	58	60	61	64	67	70	70	71	66	64	55	47	46	47	52	52	54		59.2
FAYETTEVILLE	MAX	87	87	88	88	85	91	90	84	74	82	85	85	83	88	90	89	88	87	90	92	92	94	88	79	74	72	73	72	66	78		84.0
	MIN	59	55	63	62	60	59	65	66	56	46	50	52	53	52	56	56	69	67	67	70	67	63	64	56	48	45	42	48	50	51		57.2
FAYETTEVILLE EX S	MAX	86	88	91	87	86	91	91	85	73	84	86	84	83	86	89	89	88	88	91	93	94	94	87	77	73	70	72	74	66	78		84.1
	MIN	58	54	62	61	58	58	64	66	55	45	51	51	54	51	55	56	62	64	66	68	66	62	61	55	45	44	41	47	48	46		55.8
FORDYCE	MAX	95	95	96	93	90	98	99	98	91	83	88	88	90	92	95	93	96	94	91	96	97	97	87	84	78	77	80	70	71	84		89.5
	MIN	63	63	68	63	62	69	71	72	61	58	59	57	64	65	65	64	63	64	70	68	67	67	65	56	49	49	50	52	56	50		61.7
FORT SMITH WB AIRPORT	MAX	90	90	92	90	90	98	97	90	79	84	89	87	88	91	93	94	93	91	94	95	97	98	88	81	78	75	76	75	75	82		88.0
	MIN	64	59	68	65	62	65	73	68	57	48	49	56	60	57	60	64	66	66	66	68	65	66	62	58	50	46	46	55	56	53		59.9
GILBERT	MAX	91	89	90	93	90	78	94	94	93	73	84	89	90	88	92	93	94	92	89	96	97	96	98	78	82	80	76	81	71	63		87.1
	MIN	58	54	56	59	60	55	62	62	59	47	46	45	53	52	53	49	50	53	57	57	56	58	59	48	38	36	39	42	51	51		52.2
GRANNIS	MAX	84	88	90	86	87	94	90	92	71	72	82	83	82	85	87	89	87	88	87	89	91	94	87	75	74	72	73	73	77	81		83.7
	MIN	58	64	63	60	63	65	64	61	52	50	55	61	61	62	64	64	65	65	62	61	63	61	58	48	49	54	54	52	53	53		58.8
GRAVETTE	MAX	88	87	91	88	88	91	90	84	77	81	83	85	85	89	90	90	87	87	91	91	93	96	83	86	74	72	73	76	73	80		85.0
	MIN	59	57	63	63	60	60	64	62	54	43	53	53	55	53	57	61	61	65	65	67	68	65	52	63	48	43	44	49	46	45		56.6
GREEN MOUNTAIN	MAX	85	88	91	83	78	79	89	87	79	89	86	85	82	88	88	89	88															-
	MIN	65	65	67	63	64	59	66	58	61	54	60	61	62	62	64	65	67															-
HARRISON	MAX	86	87	90	85	81	90	90	88	73	82	82	87	86	89	90	91	90	87	93	93	92	96	85	78	75	73	75	69	70	75		84.3
	MIN	53	50	59	55	58	54	65	63	57	42	44	45	50	60	49	46	54	55	57	62	61	62	63	50	40	40	44	50	55	47		53.0
HARRISON AIRWAY	MAX	85	86	89	85	78	89	90	87	72	81	86	89	84	88	88	90	88	86	92	92	92	93	74	77	74	72	74	68	62	73		82.8
	MIN	56	52	61	68	58	55	66	60	50	44	47	48	53	51	55	49	56	58	59	64	61	61	56	45	40	41	43	50	52	47		53.5
HELENA	MAX	91	89	92	91	77	81	92	91	93	72	78	86	86	72	90	92	90	88	90	91	91	94	96	82	79	76	73	74	59	69		84.2
	MIN	66	66	67	67	67	67	70	69	66	62	56	56	59	63	63	64	63	65	68	66	65	67	64	53	53	52	52	53	56	58		62.1
HOPE	MAX	93	91	94	95	89	93	96	97	98	75	78	89	90	84	90	95	95	94	96	92	95	97	98	90	81	78	76	77	77	80		89.1
	MIN	65	60	65	64	62	64	69	74	68	56	49	53	54	66	64	64	66	65	68	65	64	65	63	60	50	52	50	51	59	49		60.8
HOT SPRINGS	MAX	92	97	96	93	91	92	92	97	96	70	84	90	92	84	94	96	96	95	93	92	95	97	98	91	80	82	73	80	72	71		89.0
	MIN	66	62	63	66	65	65	65	71	66	55	55	56	60	64	64	66	67	69	70	71	70	72	65	60	54	52	52	54	56	52		62.4
JONESBORO	MAX	85	94	94	83	69	91	90	94	72	80	86	86	86	89	87	93	89	89	93	92	94	92	78	75	72	71	75	59	69	75		83.4
	MIN	64	61	65	64	65	64	66	67	61	54	55	57	60	60	63	61	62	61	64	68	68	67	63	54	52	48	51	52	53	54		60.1

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

SEPTEMBER 1948

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
KEO	MAX	89	93	93	87	86	95	94	96	79	79	86	87	80	89	91	93	89	92	92	93	95	97	84	79	77	75	79	65	67	80		86.0
	MIN	62	59	66	64	65	62	69	66	63	55	51	54	62	61	64	60	59	63	66	64	61	66	61	52	47	48	51	56	56	48		59.4
LEAD HILL	MAX	89	89	92	90	79	92	93	92	77	85	90	89	90	95	93	93	92	89	97	98	95	99	82	78	76	75	76	72	64	75		86.5
	MIN	54	53	59	56	59	55	67	67	58	42	45	46	51	50	53	57	54	57	60	64	62	60	64	44	36	36	44	43	56	46		53.3
LITTLE ROCK WB AP	MAX	86	90	91	86	83	95	95	96	74	79	85	85	80	87	90	91	89	90	90	91	96	95	80	76	74	72	76	67	65	76		84.3
	MIN	67	66	72	68	69	65	72	68	64	59	54	58	64	65	69	66	64	65	69	68	66	68	64	57	55	54	56	57	57	54		63.3
LUTHERVILLE	MAX	89	88	90	90	90	91	94	94	75	82	87	87	85	90	91	92	90	89	93	94	95	94	85	80	78	72	75	75	63	77		85.8
	MIN	62	55	64	64	61	61	67	66	60	48	51	56	63	59	63	63	64	68	64	65	63	65	63	57	48	50	53	52	55	50		59.3
MAGNOLIA	MAX	93	94	95	92	96	101	100	102	92	79	87	89	85	88	94	94	93	95	95	97	99	102	91	87	78	75	77	79	83	89		90.7
	MIN	65	62	63	64	60	71	70	74	72	65	73	64	70	69	64	67	69	69	68	65	65	65	64	62	52	51	52	58	58	53		64.1
MALVERN	MAX	94	93	94	96	90	91	98	96	98	85	81	89	89	84	92	95	95	93	94	91	96	96	100	87	82	79	75	79	71	79		89.4
	MIN	63	58	65	64	77	59	67	63	59	63	62	55	65	63	61	64	72	62	68	72	69	69	63	66	58	61	55	55	55	51		62.8
MAMMOTH SPRING	MAX	91	90	91	93	90	86	88	89	90	90	86	84	86	85	89	89	90	91	90	89	94	92	90	89	89	88	80	78	79	81		87.9
	MIN	55	52	56	60	57	60	59	60	60	58	52	46	49	47	49	48	49	52	48	48	56	59	51	46	41	39	41	40	41	38		50.6
MARIANNA	MAX	87	91	91	78	78	92	91	93	75	78	85	85	74	87	90	90	86	90	91	90	93	94	80	76	74	72	74	63	70	77		83.2
	MIN	61	62	65	65	65	65	69	66	63	57	51	54	67	59	63	61	63	66	66	68	63	65	60	45	46	46	47	54	54	57		59.8
MARKED TREE	MAX	90	88	95	95	84	71	93	93	96	73	81	89	88	88	91	91	93	88	91	93	93	97	93	80	78	75	73	78	60	72		85.7
	MIN	60	61	62	65	65	65	68	67	61	56	53	55	61	61	63	60	59	61	63	64	63	64	62	48	47	46	48	51	52	55		58.9
MARSHALL	MAX	87	90	92	86	74	92	89	91	93	75	86	86	85	90				86	92	93	95	95	83	75	75	73	70	70	70	73		83.9
	MIN	65	52	63	58	60	56	68	70	70	45	48	51	51	50				52	68	70	65	60	62	47	40	39	41	47	51	56		55.7
MENA	MAX	91	89	91	86	87	94	93	95	76	78	86	84	84	86	89	91	89	88	89	92	95	97	88	77	73	68	73	72	79	82		85.4
	MIN	66	55	65	61	61	63	71	65	62	52	51	54	59	64	61	63	65	67	65	64	64	69	62	58	50	52	49	56	54	52		60.0
MONTICELLO	MAX	90	93	93	85	89	97	91	98	79	80	87	88	76	87	92	90	89	93	94	93	94	96	89	82	77	75	77	62	68	83		86.2
	MIN	66	66	69	66	63	69	69	70	61	61	56	59	66	66	68	68	66	66	68	64	64	65	65	56	51	51	52	55	56	51		62.4
MORRILTON	MAX	92	91	94	94	90	86	96	98	96	70	82	90	89	84	93	94	94	91	93	96	96	97	98	85	80	77	72	78	70	67		87.8
	MIN	62	59	61	63	64	63	64	68	61	54	53	54	60	59	60	60	61	64	64	65	63	64	64	56	50	50	51	52	57	54		59.3
MOUNT IDA 1	MAX				90	88	96	98	97	77	80	87	86	80	88	92	93	92	93	94	95	99	97	89	81	77	76	74	69	75	86		87.0
	MIN				50	48	52	55	60	60	44	45	43	45	57	49	55	59	60	60	62	57	61	58	57	46	39	41	45	50	45		52.0
MOUNT MAGAZINE	MAX	80	82	83	79	80	85	86	87	79	72	79	78	74	82	84	85	83	83	88	87	89	91	78	72	69	64	68	60	60	73		78.7
	MIN	63	59	65			66	66	68	53	54	60	59	62	61	64	65	64	65	67	67	69	62	59	52	51	45	50	50	48	50		59.4
MOUNTAIN HOME	MAX	88	89	91	86	74	92	91	91	74	83	88	86	87	90	90	91	90	87	95	95	94	96	79	77	75	73	76	69	66	72		84.5
	MIN	57	53	62	59	65	57	68	67	60	43	48	49	59	56	59	52	59	59	62	65	62	60	65	46	44	48	48	66	54	49		56.7
NASHVILLE	MAX	94	91	93	94	88	92	97	94	96	74	79	86	88	84	88	93	93	92	93	90	94	95	97	90	80	77	74	76	81	82		88.2
	MIN	67	60	67	67	61	64	64	65	66	53	48	55	68	66	61	66	68	67	69	63	61	63	60	61	52	52	51	55	58	51		61.0
NEWPORT	MAX	90	93	94	87	77	93	94	97	75	83	88	88	88	93	92	95	92	91	93	93	97	96	83	79	78	75	78	65	68	77		86.4
	MIN	63	61	63	66	67	63	64	68	64	55	53	55	57	59	60	59	61	62	65	65	64	66	62	51	51	50	51	52	57	53		59.6
NIMROD DAM	MAX	90	90	93	94	90	90	97	94	98	71	79	89	88	85	90	94	94	93	91	92	96	98	99	88	84	80	77	78	74	67		88.1
	MIN	58	57	54	61	63	58	68	66	60	53	53	53	57	59	60	58	61	63	65	65	63	65	60	52	44	48	46	51	55	50		57.5
NORFORK DAM	MAX	93	90	92	93	90	76	93	93	94	72	83	86	89	89	93	94	95	92	88	85	97	96	95	81	78	77	74	79	69	66		86.4
	MIN	55	53	62	60	63	58	61	65	62	47	47	52	52	57	56	59	56	57	58	63	61	60	67	44	42	43	43	49	55	52		55.3
ODEN	MAX	93	93	93								89	91	90	89	88	91	88	87	91	94	96	95	94	85	78	74	75	75	75	85		87.3
	MIN	61	54	64								66	60	62	66	63	64	62	64	63	68	62	68	62	56	49	50	46	57	56	51		59.7
OKAY	MAX	92	94	94	90	94	99	97	97	92	80	88	95	90	91	94	95	93	93	92	94	96	99	91	89	78	77	78	82	83	86		90.4
	MIN	64	57	67	64	61	63	71	68	68	53	47	53	65	66	60	64	67	66	73	65	63	64	64	62	48	49	45	54	58	50		60.6
OZARK	MAX	95	91	90	93	90	89	93	98	92	80	86	90	89	88	94	94	93	92	90	96	97	97	98	87	82	82	78	79	72	72		88.9
	MIN	62	58	59	62	63	62	63	68	62	52	51	51	57	57	60	62	68	66	67	67	64	64	65	61	48	50	49	50	50	50		58.9
PARAGOULD	MAX	85	94	94	85	78	96	87	93	88	84	86	87	88	91	89	93	89	90	93	93	95	93	82	76	75	73	77	76	75	75		86.0
	MIN	64	57	62	61	64	63	67	64	59	49	50	50	59	51	52	55	55	50	62	62	62	61	61	46	46	44	43	52	54	48		55.8
PERRYVILLE	MAX	93	90	92	89	87	96	87	86	77	79	80	85	85	89	90	91	90	89	92	94	96	95	85	83	76	71	67	71	77	80		85.4
	MIN	68	57	56	61	53	59	68	66	41	51	60	58	51	55	56	57	56	61	63	62	60	63	55	51	61	64	53	54	50	49		57.3
PINE BLUFF	MAX	92	91	94	94	87	90	98	97	98	69	78	87	87	87	90	93	93	91	94	94	95	97	98	86	81	79	77	80	80	81		88.6
	MIN	65	64	66	67	67	68	71	70	68	60	55	58	67	65	66	65	65	67	70	68	68	69	67	57	51	51	53	55	55	52		63.0
POCAHONTAS 1	MAX	91	94	94	89	79	93	87	96	93	83	88	89	90	95	94	95	91	92	96	96	98	96	85	79	79	76	81	73	71	73		87.9
	MIN	63	58	67	63	65	63	69	67	62	49	50	52	63	60	62	59	60	58	64	65	63	65	63	49	49	49	50	54	55	50		58.9
PORTLAND	MAX	93	92	93	92	91	91	94	91	96	90	89	89	89	89	91	94	92	93	91	91	91	93	93	87	89	78	77	84	75	75		89.1
	MIN	63	61	61	65	66	67	65	65	67	61	55	55	58	67	64	64	63	62	62	62	59	60	64	55	49	49	50	50	54	49		59.7
PRESCOTT	MAX	94	92	94	95	89	91	99	98	98	75	79	88	90	85	90	95	95	94	94	90	95	97	96	89	82	78	75	77	76	78		88.9
	MIN	64	61	62	64	61	62	61	68	64	56	50	52	55	63	64	65	65	65	65	65	63	65	62	57	49	50	51	52	57	48		59.5
ROGERS	MAX	87	86	88	86	84	89	89	84	75	80	83	84	82	86	90	89	87	87	90	92	91	95	84	79	75	75	75	74	66	79		83.7
	MIN	60	54	60	60	60	57	65	65	52	43	49	52	55	47	60	55	60	66	64	65	65	65	62	55	44	44	43	46	49	50		55.7
RUSSELLVILLE	MAX	89	91	92	89	82	93	96	95	87	80															78	75	78	75	67	80		-
	MIN	62	57	63	64	62	61	71	67	64	51															50	47	52	55	58	50		-
SAINT CHARLES	MAX	88	93	92	78	82	93	92	95	73	78	85	86	84	87	91	91	88	90	91	91	94	97	83	78	75	73	75	63	66	77		84.3
	MIN	62	67	65	64	66	71	67	64	59	56	58	64	62	64	61	62	64	65	64	64	64	62	50	47	48	50	55	54	52	53		60.1
SEARCY	MAX	90	96	96	88	79	96	97	100	90	83	90	89	87	93	94	95	92	97	97	97	98	100	88	80	76	73	79	68	65	80		88.4
	MIN	63	63	66	65	68	62	70	67	62	55	52	52	57	60	64	62	62	63	68	65	63	67	63	52	52	51	53	56	56	58		60.6
SILOAM SPRINGS	MAX	88	87	89	87	85	90	90	85	73	80	83	83	85	87	90	89	87	87	90	91	93	95	89	77	74	72	73	73	72	78		84.1
	MIN	61	57	63	63	59	59	54	65	56	49	45	52	57	52	58	57	62	66	63	69	64	65	61	54	46	43	41	50	46	46		56.1
STUTTGART	MAX	86	89	90	85	83	92	91	93	70	77	83	85	78	86	89	91	87	89	90	90	92	93	81	77	75	73	76	64	66	75		83.2
	MIN	65	69	67	70	69	67	69	65	59	58	60	67	64	64	66	65	66	68	67	65	66	65	55	52	51	53	53	57	53	54		62.3
STUTTGART 9ESE	MAX	89	87	91	92	82	82	94	93	94	69	77	84	84	76	84	89	90	86	90	90	90	93	94	81	77	75	72	75	60	66		83.5
	MIN	65	64	67	67	66	65	69	69	65	59	56	60	65	64	65	64	65	70	67	66	65	67	64	52	50	50	52	54	56	54		62.1
TUBIACO	MAX	90	90	91	89	89	94	92	93	87	83	88	88	87	90	92	94	92	89	91	95	94	96	88	81	78	73	75	72	69	79		87.0
	MIN			69	70	65	62	72	69	63	52	52	57	60	60	64	67	66	65	66	67	67	67	64	58	49	50	49	55	56	54		61.3
TEXARKANA WB AIRPORT	MAX	92	94	95	90	92	97	96	94	75	79	87	90	80	90	94	94	93	92	93	93	94	97	91	78	78	76	77	80	82	85		88.3
	MIN	66	62	69	67	63	70	72	73	64	58	53	56	67	68	65	66	70	67	74	68	67	67	68	63	52	53	50	57	57	53		63.5
TURNPIKE	MAX	83	82	85	81	82	86	85	86	82	77	80	82	80	83	84	86	83	84	86	88	89	89	85	80	69	66	68	65	85	70		81.0
	MIN	62	60	69	57	58	58	51	54	43	40	59	60	59	49	61	64	66	52	63	65	68	68	65	39	47	46	36	49	49	39		55.2

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
WALDRON	MAX	90	92	93	88	88	96	95	94	83	79	88	86	86	89	92	93	92	92	94	95	97	97	94	91	91	89	91	77	77	83		89.7
	MIN	58	53	65	60	59	58	69	62	62	53	45	48	53	56	55	55	59	60	61	62	60	62	59	56	40	40	40	43	48	48		55.0
WARREN	MAX	91	93	94	92	87	97	93	91	86	86	87	85	80	84	86	92	91	89	92	91	92	93	90	89	86	80	81	76	69	86		87.6
	MIN	63	64	67	66	63	71	73	70	69	60	56	50	70	64	66	66	67	68	71	67	71	69	67	62	60	59	59	58	58	52		64.2
WHITE ROCK	MAX	82	82	85	86	82	84	88	84	73	77	81	79	78	84	85	85	85	82	85	88	90	89	81	74	72	67	71	64	63	78		80.1
	MIN	64	62	68	65	63	66	63	68	54	54	58	63	64	63	67	67	66	66	67	68	68	70	62	54	52	50	51	54	51	52		61.3
WILSON	MAX	90	88		93	85	71	90	90	88	72	76	88	84	88	89	85	88	85	88	86	88	90	87	80								85.6
	MIN	60	63		65	60	65	62	69	68	58	57	58	57	62	63	63	63	65	68	68	67	67	63	50								62.7
WYNNE	MAX	86	94	93	88	75	92	92	95	86	78	86	85	83	89	90	93	89	90	91	92	95	93	85	74	73	70	73	63	67	75		84.5
	MIN	64	67	67	67	65	64	70	68	62	55	53	56	66	59	64	67	65	67	67	66	64	68	61	50	50	47	49	54	56	57		61.2

See reference notes following Station Index.

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	DEPARTURE FROM NORMAL
BETHESDA	EVAP	.243	.211	.180	.118	-	-	.118	.322	.102	.062	.170	.282	.198	.204	.218	.254	.178	.292	.244	.170	.290	.274	.316	.190	.236	.247	.147	.150	-	.074		7.567	
	WIND	18	26	9	7	15	29	8	9	49	6	10	35	7	33	25	11	34	25	34	11	22	18	17	34	40	43	22	45	35	4		681	
HOPE	EVAP	.315	.301	.244	.188	•	•	.676	.135	•	.572	.169	•	.513	.087	.300	.257	.283	.279	.234	.176	.248	.235	.225	.270	.202	•	•	.738	.304	.208		7.159	
	WIND	45	30	11	31	•	•	76	41	•	66	27	•	55	52	44	30	32	26	28	26	20	24	46	43	44	•	•	196	70	27		1090	
NIMROD DAM	EVAP	.242	.220	.160	.200	.205	.321	.124	.256	.232	.060	•	.347	.228	.065	.194	.222	.232	.162	.137	.157	.230	.270	.262	.200	.174	.196	.162	.080	.066	.054		5.458	
	WIND	8	10	4	5	4	12	11	6	7	12	5	3	4	2	4	10	20	9	10	7	7	13	13	16	2	5	4	8	6	8		235	
NORFORK DAM	EVAP	.264	.238	.200	.264	.204	.072	.207	.175	.304	.088	.188	.257	.216	.229	.184	.201	.230	.250	.120	.243	.263	.299	.133	.246	.200	.196	.194	.189	.036	.017		5.907	
	WIND	25	21	16	27	17	22	23	29	50	19	17	29	26	30	20	17	23	36	34	15	26	24	39	22	48	60	60	48	25	16		864	
STUTTGART 9 MI. ESE	EVAP	.233	.235	.200	.224	.104	.115	.231	.259	.174	.061	.106	.172	.190	.062	.165	.174	.186	.190	.157	.208	.194	.192	.170	.166	.171	.213	.166	.112	.009	.040		4.879	
	WIND	35	30	10	15	55	40	50	50	40	25	10	10	30	20	20	15	30	30	25	30	25	20	15	25	40	55	60	35	30	5		880	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	HIGHEST (OR CREST)	DATE	LOWEST	DATE
BUFFALO																																				
GILBERT	30	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3		3.8	1	3.3	29
BLACK																																				
BLACK ROCK	14	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4		1.8	1	1.3	25
WHITE																																				
COTTER	21	3.4	3.3	2.8	3.0	3.1	2.7	1.9	1.9	1.8	2.1	3.7	2.6	2.7	1.9	2.1	2.0	1.8	1.7	1.6	1.8	1.4	1.3	1.8	1.8	1.6	1.5	1.2	1.2	1.3	0.8		3.7	11	0.8	30
CALICO ROCK	19	2.1	2.3	2.4	2.4	2.4	1.8	2.0	1.8	1.8	2.0	2.4	2.6	1.7	2.4	2.1	2.1	2.3	2.0	1.7	0.9	1.2	1.6	1.6	1.9											
BATESVILLE L&D 1	23	7.1	6.7	6.9	6.9	6.9	6.8	6.4	6.7	6.5	6.4	6.5	7.1	6.8	6.5	6.8	6.4	6.5	6.5	6.4	6.2	5.4	6.2	6.1	6.1	6.4	6.3	6.2	5.0	6.2	6.1		7.1	1	5.0	28
NEWPORT	26	2.5	2.4	2.2	2.3	2.2	2.2	2.0	1.9	1.9	1.7	1.7	1.6	2.3	1.9	1.8	1.8	1.6	1.6	1.5	1.5	1.5	0.8	1.0	0.9	0.9	1.0	0.9	0.8	0.5	0.8		2.5	1	0.5	29
GEORGETOWN	21	3.3	3.0	3.0	2.8	2.7	2.6	2.5	2.5	2.5	2.4	2.4	2.2	2.2	2.0	2.1	1.9	1.8	1.6	1.6	1.6	1.5	1.3	1.1	0.9	0.9	0.8	0.8	0.8	0.8	0.6		3.3	1	0.6	30
CLARENDON	26	11.9	11.5	11.2	10.9	10.8	10.6	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.8	9.7	9.8	9.7	9.6	9.4	9.3	9.2	9.2	9.0	8.9	8.7	8.6	8.5	8.5	8.5	8.5		11.9	1	8.5	27
PETIT JEAN																																				
DANVILLE	20	3.6	3.1	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7		3.6	1	2.7	25
ARKANSAS																																				
VAN BUREN	22	8.4	8.2	8.2	8.0	7.7	7.5	7.0	6.6	6.2	6.1	6.5	6.4	6.2	6.9	6.7	6.7	6.8	6.2	5.8	5.8	5.6	5.5	5.1	5.5	5.7	5.6	5.6	5.3	5.0	4.9		8.4	1	4.9	30
OZARK	22	4.4	3.8	3.9	3.8	3.7	3.4	3.3	2.8	2.5	2.3	2.3	2.4	2.3	2.6	2.8	2.8	2.7	2.7	2.4	2.1	2.0	1.8	1.8	1.6	1.6	1.7	1.8	1.7	1.5	1.3		4.4	1	1.3	30
DARDANELLE	22	5.9	5.9	5.4	5.4	5.4	5.1	4.9	4.8	4.2	3.9	3.6	3.8	3.9	3.8	4.0	4.3	4.2	4.2	4.1	3.6	3.4	3.3	3.2	2.9	2.8	3.1	3.1	3.1	3.1	2.8		5.9	2	2.8	25
MORRILTON	20	11.3	11.2	11.0	10.6	10.4	10.2	9.9	9.8	9.6	9.2	8.8	8.5	8.6	8.8	8.6	8.7	9.1	9.0	9.0	9.0	8.5	8.2	8.1	8.0	7.9	7.6	7.8	7.9	7.9	7.8		11.3	1	7.6	26
LITTLE ROCK WB AP	23	4.2	4.1	3.9	3.4	3.3	3.3	3.1	2.9	2.7	2.5	2.1	1.9	1.8	1.9	1.9	1.9	2.1	2.1	2.1	2.1	1.9	1.6	1.5	1.4	1.3	1.0	1.1	1.2	1.2	1.2		4.2	1	1.0	26
PINE BLUFF	25	6.4	6.2	6.1	5.7	5.2	5.0	5.0	4.8	4.6	4.3	4.0	3.6	3.3	3.3	3.3	3.3	3.2	3.5	3.5	3.5	3.5	3.2	2.9	2.7	2.6	2.4	2.2	2.2	2.4	2.4		6.4	1	2.2	27
CADDO																																				
GLENWOOD	10	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2		3.3	1	3.2	14
SALINE																																				
BENTON	20	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8		3.6	1	2.8	30
LITTLE MISSOURI																																				
BOUGHTON	20	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7		3.9	16	3.7	29
OUACHITA																																				
ARKADELPHIA	17	3.4	3.4	3.2	3.2	3.2	3.1	3.1	3.5	3.4	3.3	3.2	3.1	3.1	3.1	3.0	3.2	3.3	3.3	3.2	3.2	3.0	3.2	3.3	3.3	3.3	3.1	3.1	3.0	3.1	3.1		3.5	8	3.0	21
CAMDEN	26	4.0	3.9	-	4.0	4.1	4.0	3.8	3.9	3.8	4.0	4.2	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.9	4.0	3.9	3.9	3.9	3.9	4.0	4.0	4.0	3.9	3.8	3.8		4.0	26	3.8	17
LITTLE																																				
WHITECLIFFS	25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.0	1	0.0	30
RED																																				
FULTON	25	7.6	7.6	7.6	7.2	6.8	7.1	7.5	7.6	7.5	7.4	7.0	7.0	6.3	7.1	7.2	6.9	6.6	6.4	6.1	6.4	6.7	7.0	7.1	7.1	6.5	5.9	6.3	6.8	7.1	7.2		7.6	1	5.9	26
ST. FRANCIS																																				
ST. FRANCIS	18	4.6	4.5	3.7	2.9	2.5	2.9	2.9	3.9	4.1	5.3	5.6	5.5	4.9	3.9	3.0	2.4	2.2	2.0	2.0	2.1	3.7	4.4	4.4	3.6	2.8	2.3	2.0	1.9	2.1	2.0		5.6	11	1.9	28
ST. FRANCIS LAKE	30	17.3	15.8	15.0	16.6	16.7	16.4	16.3	17.3	17.5	17.3	17.2	16.9	16.7	16.5	16.3	17.3	17.1	16.7	16.3	15.9	15.0	16.8	16.7	15.8	14.5	16.0	17.3	-	-	-		17.5	9	14.5	25
MARKED TREE	17	3.8	4.6	3.7	1.7	3.4	3.6	3.6	0.8	3.2	3.7	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.6	3.6	3.5	3.3	1.0	3.0	3.3	3.3	1.0	1.0	1.0	1.2	1.0		4.6	2	0.8	8
PARKIN	28	3.5	3.9	4.3	4.5	3.5	2.9	3.7	3.8	3.4	2.9	3.7	3.9	3.9	3.9	3.8	3.7	3.2	3.1	3.6	3.7	3.6	3.5	2.7	2.4	3.4	3.7	2.8	1.7	1.2	1.9		4.5	4	1.2	29
MADISON	32	1.3	1.0	1.0	1.4	1.7	1.4	1.1	1.0	1.0	0.8	0.6	0.8	1.0	1.3	1.3	1.2	1.0	0.6	0.4	0.7	0.8	0.7	0.6	0.1	0.0	0.5	0.7	0.1	-0.7	-0.9		1.7	5	-0.9	30
MISSISSIPPI																																				
HELENA	44	6.4	6.3	6.4	6.5	6.3	6.1	5.8	5.7	5.8	5.7	5.7	5.8	5.9	5.8	5.1	4.8	4.9	5.0	5.0	4.5	4.3	3.9	3.8	3.8	4.0	4.5	4.8	5.0	5.0	5.1		6.5	4	3.8	23
ARKANSAS CITY	42	8.0	7.4	7.0	6.9	6.7	6.5	6.2	5.9	5.7	5.7	5.6	5.5	5.5	5.6	5.3	4.8	4.5	4.4	4.6	4.6	4.2	3.9	3.6	3.4	3.2	3.2	3.6	4.0	4.2	4.3		8.0	1	3.2	25

The following reference notes apply only to Table 7 - Daily River Stages:
Readings are made at approximately 7 a.m. (Local time). They are provisional and subject to corrections.
Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a	Obstructed by rough ice.
b	Frozen but open at gage.
c	Upper surface of smooth ice.
d	Ice gorge above gage
e	Ice gorge below gage
f	Shore ice.
g	Floating ice.
h	Pool stage.
i	Dry at gage.
j	Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	3
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	3 4
ALPINE	0118	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	3
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY	0136	YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EDWARDS	3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	3 4
ARKADELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	DESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	3 7
ASHDOWN	0286	LITTLE RIVER	RED	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARD	RED	34 19	93 58	960	C		7A		0		ARRA O. PARKER	3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MID		3		MISS EFFIE PERRY	3 4
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		DAVID G. GRIFFITHS	3 4
BATESVILLE AIRWAY	0456	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MID	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & D 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDDLESTON	3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		S C S	3 4
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. ADAMSON	3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MID		5		JR. AG. COLLEGE	3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMOND	3
BEEDEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIDGE	3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MID		5		LUCILLE R. MC WETHY	3 4
BETHESDA	0644	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	S C S	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. DOUGLAS	3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	3 7
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MID		8		U. S. ENGINEERS	3 4
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAE BURDOCK	2 3 4 5
BOONEVILLE	0830	LOGAN	ARKANSAS	35 09	93 55	511	C		6A		7		CLEO E. YANDELL	3
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MID		3		THOMAS M. PEARSON	3 4
BOUGHTON	0848	NEVADA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	3 7
BRADFORD	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HICKMON	3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS DAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MID		1		U. S. ENGINEERS	3 4
BURDETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		G. A. HALE	3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P				B. M. WALTHER	3
CALICO ROCK	1132	IZARD	WHITE	36 08	92 08	380	C		7A		43		MRS. M. R. BIGGERS	3 7
CAMDEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		JOHN M. KNIGHT	2 3 5 7
CAMDEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MID				EDITH Z. LEHMAN	3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONEY DELL HORTON	3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	3
CARPENTER DAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MID		8		ARK. P. & L. CO.	3 4
CLARENDON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MID		8		THOMAS L. SMITH	3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		EARL B. RIDDICK	3
COLD SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	3
COMBS	1574	MADISON	WHITE	35 50	93 50	1400	C		MID		8		ROSA J. COMBS	3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5		WILLIAM L. BINAM	3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPADDEN	3 7
COVE	1666	POLK	RED	34 26	94 25	1050	C		7A				WILLIAM M. RAYMOND	3
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIRDA BYRD	3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
DAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		ROBERT T. TEDDER	3 4
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		J. A. MOUDY	3 7
DARDANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		GEORGE N. GOODIER	2 3 5 7
DE QUEEN	1948	SEVIER	RED	34 02	94 21	426	C	6P	6P	14	14		L. O. MC COWN	2 3 5
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MID		6		CLARENCE E. COLLINS	3 4
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRADLEY	2 3 5
DUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JOHNSON	2 3 5
DUMAS 2	2150	DESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5		BETTY R. HOLMES	3 4
DURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8		ANNIE A. WHITE	3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	3
EL DORADO	2300	UNION	OUACHITA	33 13	92 40	278	C	7A	7A	47	47		AYLMER H. MC BRIDE	2 3 5
ELKINS	2315	WASHINGTON	WHITE			1364	C	6	6	0	0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOALOS	2 3 5
EVENING SHADE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	3
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORD	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FORDYCE	2540	DALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2544	LITTLE RIVER	RED	33 43	94 24	400	C		MID		8		LESLIE P. CALLONS	3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7A		7		A. L. MC CRAW	3
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MID		8		THOMAS A. MOORE	3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MID	MID	66	66		U. S. WEATHER BUREAU	2 3 4 5
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 39	94 09	793	C		7A		10		R. J. SCHOEPPE	3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. DENSON	3

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° '	LONG. ° '	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	REO	33 37	93 48	260	C		8A		62		INA J. LOGAN	3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. O. DENNEY	3
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	650	C	7A	7A	22	22		D. O. DENNIS	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	3
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBED B. WILSON	3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	3
GUROON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBS	3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A				BILL S. WATSON	3
HAROY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN D. MAY	3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 4 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MID		6		WAYNE STARK	3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULDIN	3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELOS	3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIOAY	3
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MAOISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKELY	3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A				U. S. ENGINEERS	3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A				MRS. LETTIE D. DAVIS	3
JONESBORO	3734	CRAIGHEAO	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEOICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C	7P	7P				R. A. WALLER	2 3 5
KINGSLANO	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		5		CLAUOIE W. HUNTER	3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MIO		3		CECIL E. MABERRY	3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. JONES	3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSEY	3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID				L. R. WATER WORKS	3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A				ED ANSEL	3
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A				CATH. T. RUSSELL	3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHARDT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52		JODIE W. MC MULLEN	3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKEO TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		CHARLES WALTON	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. D. LOWRIE	3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NADINE F. DAVENPORT	3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	DREW	OUACHITA	33 35	91 50	250	C	MIO	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	3 4
MOROBA[illegible]OCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		U. S. ENGINEERS	3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA 1	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA 2	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MID		4		JOHN WALLBRITTON	3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. D. WORTHINGTON	3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	3
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MIO		8		ERNEST J. BABBITT	3 4
NASHVILLE	5112	HOWARD	RED	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		S C S	3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		U. S. ENGINEERS	2 3 4 5 6
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		U. S. ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	3
OOEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		20		U. S. FOREST SERVICE	3
OKAY	5376	HOWARD	RED	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULD	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KDRS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF AP 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215	C	MID	MID				AIRWAY OBSERVER	3 4
PINE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX — Continued

ARKANSAS
SEPTEMBER 1948

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° '	LONG. ° '	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	5908	NEVADA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
PRESCOTT S C S	5910	NEVAOA	OUACHITA	33 48	93 23	-	C		MID		7		W. L. MC LEAN	3 4
PYATT	5970	MARION	WHITE	36 16	92 51	800	C		MID		6		ONA V. MC LEAN	3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35 18	93 53	463	C		7A		3		LULA MAE WEEKS	3
RAVANA	6016	MILLER	RED	33 04	94 02	250	C		MIO		8		ARNICE O. TAYLO	3 4
RED STAR	6078	MADISON	WHITE	35 51	93 31	2250	C		7A		5		ORVAL F. CALLOWAY	3
REMMEL DAM	6102	HOT SPRING	OUACHITA	34 26	92 54	-	C		MID		8		ARK. P. & L. CO.	3 4
RISON	6174	CLEVELAND	OUACHITA	33 48	92 11	231	C		8A		32		J. H. YANEY	3
ROCKHOUSE	6214	MADISON	WHITE	36 17	93 40	1214	C		7A		2		CLAUDE D. SISCO	3
ROGERS	6248	BENTON	WHITE	36 18	94 02	1387	C	6P	6P	57	57		HOWARD FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5 6
SAINT CHARLES	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36 27	90 08	300	C		7A		20		WILLIAM S. BUCKLEY	3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS				C		7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR D. SMITH	2 3 5
SHERIDAN	6566	GRANT	OUACHITA	34 27	92 21	290	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35 38	92 17	600	C		6P		8		MAUD H. BRADFORD	3
SILOAM SPRINGS	6624	BENTON	WHITE	36 11	94 33	1150	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36 05	91 18	450	C		MID		2		NORA F. RUDY	3 4
STAR CITY	6820	LINCOLN	OUACHITA	33 57	91 50	250	C		2P		5		R. A. GOYEN	3
STEVE	6856	YELL	ARKANSAS	34 53	93 19	682	C		7A		4		T. P. SIMS	3
STORY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C		7A		23		S. C. STORY	3
STUTTGART	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	60	60		GEORGE L. CLARK	2 3 5
STUTTGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35 04	93 48	500	C		9A		8		O. R. FENNELL	3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35 29	91 58	300	C		7A		3		SANTFRED REYNOLDS	3
TAYLOR	7038	COLUMBIA	RED	33 06	93 27	247	C		6P		5		YANCY M. NORWOOD	3
TEXARKANA WB AIRPORT	7048	MILLER	RED	33 27	94 00	368	C	MIO	MID	63	63		U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33 38	92 21	170	C		7A		5		HENRY S. SPEER	3
TURNPIKE	7262	POPE	ARKANSAS	35 40	93 05	2087	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORD	ARKANSAS	35 26	94 21		C						BEN CORNELUS	7
VICK	7420	BRADLEY	OUACHITA	33 19	92 09	115	C		6P		6		WILLARD K. SHARP	3
VIOLA	7450	FULTON	WHITE	36 24	91 59	692	C		7A		7		A. F. KING	3
WALDRON	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM D. BIVENS	2 3 4 5
WALNUT GROVE	7524	/INDEPENDENCE	WHITE	35 51	91 21	250	C		6P		7		A. H. FAST	3
WARREN	7582	BRADLEY	OUACHITA	33 36	92 04	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150	C		MID		3		HARRY E. BIRKINSHA	3 4
WEST FORK	7694	WASHINGTON	WHITE	35 55	94 11	1340	C		MID		8		MRS. N. C. THRELKELO	3 4
WHEELING	7744	FULTON	WHITE	36 19	91 52	680	C		MID		8		THOMAS W. CONE	3 4
WHITECLIFFS	7812	LITTLE RIVER	REO	33 48	94 03	290	C		7A				L. M. SNEAD	3 7
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	11	11		U. S. FOREST SERVICE	2 3 5
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		D. O. ANDERSON	2 3 5
WINFREY	7936	CRAWFORD	ARKANSAS	35 44	94 06	1152	C		MID		8		CLYDE F. MEADORS	3 4
WING	7950	YELL	ARKANSAS	34 57	93 28	350	C		MID		5		MILES B. TURNER	3 4
WYNNE	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
YELLVILLE	8084	MARION	WHITE	36 13	92 41	900	C		7A		3		L. E. JOHNSON	3
NATHAN 4 MI. N.W.	5158	HOWARD	OUACHITA	34 07	93 52	550	C		7A		0		EDNA J. WESTFALL	3
PARTHENON	5602	NEWTON	ARKANSAS	35 57	93 15	925	C		MID		8		ARTHUR B. CARLTON	3 4
BLUFF CITY	0800	NEVAOA	OUACHITA	33 41	93 09	360	C		7A		-		R. P. PLYLER	3
JESSIEVILLE	3704	GARLAND	OUACHITA	33 42	93 04	730	C		7A		9		MRS. VELMA R. DUNN	3
SPARKMAN	6768	DALLAS	OUACHITA	33 55	92 48	260	C		6P		5		MRS. RACHEL M.BUTLER	3
MOUNT MAGAZINE		LOGAN	ARKANSAS	35 10	93 41	2800	C	7P	7P	0	0		U.S. FOREST SERVICE	2 3 5

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

-	No record.
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
AR	This entry in time of observation column in Station Index means "after rain".
K	Total includes snow which accumulated in collar of the gage during previous period, and fell into gage for this measurement.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
T	Trace, an amount too small to measure.
Z	Hourly amounts from recording gage at the same site may be found in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower-Mississippi-West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; $1.50 a year. (Yearly subscriptions includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room #9, U. S. Court House, Ft. Worth 2, Texas.

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CLIMATOLOGICAL DATA

ARKANSAS

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OCTOBER 1948

Volume LIII No. 10

NAT. HIST.

FT. WORTH: 1948

ARKANSAS OCTOBER, 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

October, 1948, comparatively, was a moderately mild month. There were no record extremes in either temperature or precipitation; no damage was reported from storms or hail, although numerous thunderstorms, many accompanied by hail, occurred.

General killing frosts for the State came a little earlier than usual (18th), but practically all crops had matured, and considerable harvested. October was the successful finale for a bumper crop-year, and was favorable for the completion of the harvest.

The paths of LOWS during October were generally to the north of the State, and most of the precipitation that occurred was due to the Cold masses of air, associated with these LOWS, moving in over the State. The first cold mass moved in about the 6th; the second and coldest one of the month, began to move over the State on the 16th and accounted for a few of the heavy rains of the month, and also the lowest temperatures.

A series of weak fronts passed over Arkansas after the 17th, but the weather for the balance of the month was mostly controlled by a sizeable HIGH centered over the Middle Atlantic States. Along toward the end of the month, new cold masses of air moved down from Canada and on mixing with some of the warm moist southerly winds moving over Arkansas, due to the HIGH circulation, resulted in the heaviest rains of the month. Even then, the rains were not sufficient to give the State an excess for the month.

There were no floods during the month.

TEMPERATURES

The State average for October, 1948, was 60.0°, 2.8° below the 58-year average. October, 1948 was the coldest October since 1925, and it also tied with October, 1898, for the fifth coldest October of record. The coldest October occurre in 1917, with 56.6°. There were no record extremes during the month, and the departure from normal was due mostly to lower night-time temperatures than usual, while the day-time temperatures were either normal, or slightly above.

The warmest section of the State was down around Columbia County, with Magnolia reporting an average of 65.7° for the month. This figure is 1.6° below their normal. Mammoth Spring again reported the lowest average, with 54.3°. The highest daily temperature was 90°, and reported by two stations; Magnolia on the 1st; and Okay on the 7th. Bethesda reported the lowest for the State, with 20° on the 18th.

The majority of stations over the State reported freezing temperature on the 18th, and the 18th should be considered the end of growing season, except for a few widely scattered sections.

PRECIPITATION

The average precipitation was 2.40 inches, 0.76 inch below the State's 58-year average. Although the 2.40 inches is about the median of the 58-year record, some portions of the State were near a drought stage due to lack of rain. The Alluvial section of the State was the driest with rainfall amounts running from about 15% to near 50% of normal; the driest of that section was along the Mississippi River. Beech Grove reported the least monthly fall, with 0.40 inch; Arkansas City was second lowest, with 0.42 inch. All of the Northwest quarter of the State reported amounts less than half their normal.

The heaviest rainfall fell in the mountainous sections of the Ouachita and Little River Basins and accounted for the relatively high average over the State. The greatest monthly total was 6.06 inches reported by Eagle Gap. Mena reported 5.62 inches. The greatest 24-hour rainfall was 3.43 inches at Eagle Gap on the 30-31st.

Hail was reported on 20 different days for a total of 78 reports, but no damage of consequence was reported.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin series. The Hydroclimatic Network is a nation-wide net of rain gages -- mostly of the recording type -- which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUN-SHINE	
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	DEGREE DAYS 65° BASE
FORT SMITH WB AP	30.48	17	29.53	6	6.1	25	W	7	74	84	42	50	69	160
LITTLE ROCK WB AP	30.45	17	29.60	6	5.8	25	NE	17	78	85	49	57	73	141
TEXARKANA WB AP	30.46	18	29.60	6	-	30	N	13	70	82	41	51	-	88

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	60.4	92	27	0.65	0.0	2
1892	63.8	92	27	3.26	0.0	6
1893	60.5	99	23	1.30	0.0	3
1894	63.0	96	24	1.52	0.0	3
1895	57.1	95	21	1.44	0.0	4
1896	60.8	98	25	3.59	0.0	6
1897	67.6	99	28	2.01	0.0	3
1898	60.0	100	23	5.44	T.	8
1899	65.6	101	28	2.88	0.0	5
1900	66.0	97	32	4.31	0.0	6
1901	63.7	95	27	2.07	0.0	4
1902	62.5	90	27	2.68	0.0	4
1903	60.9	97	26	2.22	0.0	4
1904	62.5	100	20	0.94	0.0	2
1905	61.1	92	23	4.49	0.0	7
1906	58.2	94	25	2.38	0.0	6
1907	61.9	96	23	3.03	0.0	6
1908	59.2	93	24	0.48	0.0	2
1909	63.0	98	24	2.15	0.0	3
1910	62.9	96	16	5.19	T.	6
1911	62.7	101	25	1.67	T.	5
1912	63.8	96	22	2.97	0.0	4
1913	60.1	95	18	5.41	0.6	9
1914	63.0	93	21	1.74	0.0	5
1915	63.4	94	26	2.83	0.0	4
1916	62.8	96	21	2.30	0.0	4
1917	56.6	99	12	1.89	T.	5
1918	65.6	100	30	3.99	0.0	8
1919	66.6	98	33	10.90	0.0	14
1920	64.2	93	25	4.39	0.0	7
1921	61.6	96	27	0.72	0.0	3
1922	63.1	98	20	1.47	0.0	4
1923	59.2	94	20	3.53	0.0	7
1924	64.9	96	21	0.29	0.0	1
1925	58.7	98	13	7.73	0.1	10
1926	64.9	99	23	5.77	0.0	8
1927	66.0	100	30	3.13	0.0	5
1928	66.3	100	27	4.74	0.0	8
1929	62.2	93	19	4.29	0.0	7
1930	60.1	92	17	4.89	0.0	6
1931	67.1	98	26	2.35	0.0	4
1932	60.8	94	76	3.41	0.0	6
1933	62.6	90	30	2.83	0.0	5
1934	66.2	96	25	0.79	0.0	2
1935	63.9	95	27	4.94	0.0	9
1936	61.1	93	24	5.00	0.0	7
1937	60.8	96	17	4.66	T.	8
1938	66.8	105	20	0.94	0.0	3
1939	65.1	98	20	1.71	0.0	3
1940	65.2	95	29	1.91	0.0	5
1941	68.2	96	28	8.11	0.0	13
1942	62.8	90	22	3.19	0.0	5
1943	61.3	90	26	3.48	0.0	5
1944	63.9	95	25	1.13	0.0	3
1945	60.8	89	29	3.11	0.0	6
1946	63.7	94	25	2.79	0.0	6
1947	68.3	95	35	3.72	0.0	6
1948	60.0	90	20	2.40	0.0	6
PERIOD	62.8	105	12	3.16	T	5

Table 2

CLIMATOLOGICAL DATA

Station	Temperature								Precipitation									
							No. of Days						Snow, Sleet, Hail			No. of Days		
	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
ALUM FORK	61.9	- 2.2	85	3+	31	18	0	1	3.24	0.48	1.30	31	.0			6	5	1
ARKADELPHIA	60.6	- 3.8	87	3	29	19+	0	4	2.28	- 0.81	.90	31	.0			4	3	0
ASHDDWN	61.6		88	1+	28	17	0	2	4.17		1.14	30	.0			6	5	2
BATESVILLE AIRWAY	58.8	- 2.4	85	15	27	18	0	3	2.55		1.36	30	.0			5	4	1
BATESVILLE LIVESTCK	57.6		85	17	21	18	0	6	2.18		1.12	31	.0			5	3	1
BEE BRANCH	60.4	- 2.2	87	14	24	18	0	2	2.32	- 1.05	.91	30	.0			5	3	0
BENTON	57.9	- 4.7	85	3	26	18+	0	6	4.68		2.05	31	.0			7	5	1
BENTONVILLE	57.1	- 2.4	81	3+	25	18	0	3	1.85	- 2.14	.83	7	.0			4	2	0
BETHESDA	56.1		84	17	20	18	0	7	2.09		1.24	31	.0			3	3	0
BLYTHEVILLE	59.1	- 4.3	85	16	30	18+	0	2	1.44	- 1.64	1.16	17	.0			3	1	1
BRINKLEY //	60.9M	- 1.7	85	14+	27	18	0	2	3.61	0.09	1.71	31	.0			6	3	2
CAMP CHAFFEE	60.5M								1.35		.78	17	.0			6	2	0
CONWAY	60.1	- 3.7	83	1+	28	18	0	2	2.31	- 0.69	.63	30	.0			8	4	0
CORNING	57.1	- 3.4	84	16	25	18	0	2	1.38	- 2.11	.72	31	.0			4	3	0
CROSSETT	62.9	- 2.6	88	16	25	19	0	3	1.06	- 2.51	.55	14	.0			6	2	0
CUMMINS FARM	60.1		86	16	27	18+	0	3	1.38		.50	17	.0			6	2	0
DARDANELLE	58.8	- 5.0	86	2	30	18+	0	4	1.99	- 1.11	1.12	31	.0			6	2	1
DE QUEEN	61.4	- 2.7	84	1+	28	18	0	2	4.85	2.03	2.25	31	.0			6	4	2
DES ARC	58.4		83	14+	29	18+	0	2	2.31		1.37	31	.0			6	2	1
DEVILS KNDB	59.7		80	2	28	18	0	1	1.40		.56	30	.0			4	2	0
DUMAS 1	63.1M	- 2.1	87	16			0	0	1.93	- 1.10	.78	17	.0			7	2	0
EUREKA SPRINGS	59.2	- 2.0	81	2	27	18	0	1	1.55	- 2.43	.53	6	.0			6	2	0
FAYETTEVILLE	57.7		82	2	26	18	0	2	1.55		.54	6	.0			7	4	0
FAYETTEVILLE EX S	58.0	- 3.0	81	2	24	18	0	2	1.45	- 2.22	.46	6	.0			7	2	0
FORDYCE	65.1	- 0.7	87	14	31	18	0	1	2.11	- 0.25	.98	31	.0			5	3	0
FORT SMITH WB AIRPORT	60.9	- 1.9	89	15	26	18	0	2	1.94	- 1.05	1.23	16	.0			4	3	1
GILBERT	55.0		85	2	22	18	0	13	2.82	- 1.38	1.31	17	.0			4	3	2
GRANNIS	60.7	- 2.8	85	1+	28	17	0	2	3.86	- 0.35	.95	30	.0			9	5	0
GRAVETTE	58.1	- 2.0	83	1	22	18	0	2	2.07	- 1.88	1.05	13	.0			4	2	1
HARRISDN	56.9	- 2.8	86	20	24	18	0	7	2.21	- 1.02	.92	17	.0			5	3	0
HARRISDN CAA	56.2		83	15	24	18	0	7	2.38		1.37	16	.0			6	2	1
HELENA	60.9	- 3.0	84	16	32	18	0	1	.95	- 1.76	.55	17	.0			5	1	0
HOPE	60.6M	- 2.6	87	2+			0		3.48	0.29	1.57	31	.0			5	4	2
HDT SPRINGS	63.1	- 1.8	88	2	33	18	0	0	4.07	0.85	2.35	31	.0			7	4	1
JONESBORO	58.7M	- 4.2	84	15	28	18	0	2	2.94	- 0.33	2.08	31	.0			6	2	1
KEO	60.8		84	2	27	18	0	2	3.96		1.53	31	.0			6	5	2
LEAD HILL	56.2	- 4.2	85	1+	22	18	0	10	2.65	- 0.71	1.02	16	.0			6	3	1
LITTLE RDCK WB AP	61.1	- 2.5	83	13	34	18	0	0	1.50	- 1.21	.57	17	.0			7	3	0
LUTHERVILLE	62.7M	- 0.2																
MAGNOLIA	65.7	- 1.6	90	1	31	18	1	2	2.13	- 0.85	1.46	17	.0			4	1	1
MALVERN	62.5		87	3	28	19	0	2	4.10		1.62	31	.0			8	4	2
MAMMOTH SPRING	54.3	- 5.6	84	23	23	18	0	12	1.98	- 1.60	.78	17	.0			4	3	0
MARIANNA	59.8	- 3.6	85	15	25	18	0	2	2.30	- 0.86	1.13	17	.0			5	2	1
MARKED TREE	59.0	- 2.6	85	14+	27	18	0	2	3.83	0.11	1.92	17	.0			5	3	2
MARSHALL	58.4M	- 3.0	82	1	24	18	0	0										
MENA	62.0	- 1.3	85	13	31	18	0	1	5.62	1.93	1.75	30+	.0			8	5	2
MONTICELLO	63.9		89	16	32	19	0	1	1.64		.86	17	.0			4	2	0
MDRRILTDN	60.4	- 3.2	88	14	31	18	0	2	1.88	- 1.80	.90	31	.0			5	3	0
MOUNT IDA 1	57.9	- 4.1	85	1+	24	18+	0	8	3.19	- 0.52	.92	17	.0			5	4	0
MOUNT MAGAZINE	58.4		77	13+	33	17	0	0	1.85		.50	30	.0			7	4	0
MOUNTAIN HOME	57.2	- 3.5	83	1+	22	18	0	3	1.20	- 2.76	.50	17	.0			4	2	0
NASHVILLE	61.7		87	15	29	18	0	2	3.95		2.30	31	.0			4	3	1
NEWPORT	59.3	- 3.1	85	13+	29	18	0	3	2.82	- 0.15	1.75	31	.0			7	3	1
NIMROD DAM	59.0		86	2+	28	18	0	2	3.03		1.05	31	.0			7	4	1
NORFORK DAM	57.6		85	16	26	18	0	2	1.17		.55	17	.0			3	2	0
OKAY	63.0	- 3.0	90	7	27	18	1	2	4.92	1.94	2.85	31	.0			5	4	2
OZARK	59.5	- 4.1	87	2	28	18	0	3	2.53	- 0.83	1.05	17	.0			4	3	1
PARAGOULD	58.1M		85	15	24	17	0	4	1.75	- 1.19	1.04	31	.0			4	2	1
PERRYVILLE	59.9	- 1.2	88	15	28	25	0	1	1.72	- 1.78	1.00	17	.0			5	3	1
PINE BLUFF	64.1	- 0.8	87	16	35	18+	0	0	1.79	- 1.04	.71	14	.0			7	3	0
PINE BLUFF CAA	60.9		85	16	31	19	0	2	2.02		.61	31	.0			7	3	0
POCAHDNTAS 1	59.1	- 2.7	84	13	26	18	0	2	1.03	- 2.28	.32	7	.0			5	2	0
PORTLAND	61.6	- 3.4	86	2+	28	19+	0	4	.68	- 2.26	.41	14	.0			4	1	0
PRESCOTT	61.3	- 4.2	87	7	30	19	0	3	3.49	0.86	1.85	31	.0			5	4	1
ROGERS	58.3	- 1.8	83	2	23	18	0	1	1.99	- 1.50	.68	6	.0			4	4	0
RUSSELLVILLE	61.1	- 0.8	86	1	27	18	0	2	2.46	- 0.55	.49	31	.0			8	6	0
SAINT CHARLES	60.6		84	1+	29	17+	0	2	1.78		.78	17	.0			6	2	0
SEARCY	61.4	- 1.6	86	13+	29	19	0	2	1.29	- 1.84	.52	31	.0			7	2	0
SILOAM SPRINGS	58.4		83	15	23	18	0	2	1.19		.39	6	.0			8	2	0
STUTTGART	59.8	- 4.2	83	15	31	17	0	1	1.73	- 1.29	.60	16	.0			5	3	0
STUTTGART 9ESE	59.8	- 3.9	83	16+	30	17	0	2	1.22	- 1.86	.51	17	.0			6	2	0
SUBIACO			85	15			00		2.32	- 1.17	.98	30	.0			4	3	0
TEXARKANA WB AIRPORT //	64.3	- 1.5	86	15	34	18	0	0	2.46	- 0.95	.72	13	.0			7	4	0
TURNPIKE	58.2		80	2	30	18	0	2	2.73	- 2.26	.71	17	.0			7	4	0
WALDRDN	59.8		87	13+	25	18	0	4	4.37	0.50	1.59	17	.0			7	5	1
WARREN	63.2	- 1.7	87	1	32	18+	0	2	2.12	- 1.05	.91	17	.0			4	3	0
WHITE ROCK	59.8		80	1+	33	17+	0	0	2.84		1.61	16	.0			5	4	1
WYNNE	60.5	- 2.3	84	15	28	18	0	1	1.11	- 2.45	.75	31	.0			4	1	0
STATE	60.0	- 2.8							2.40	- 0.76								

DAILY PRECIPITATION

Table 3

Station		Day of Month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBOTT								.60				.11						.98				T	.04									.56	2.29
ALPINE								.48				.69						.96													T	.30	2.43
ALUM FORK	Z							.40			.20			T	.40		T	.39				T									.55	1.30	3.24
ALY	R						.72				.10						.52	.40													.91	.59	3.24
ANTOINE		-						1.10				.62			.05			.80						-	-	-	-	-	-	-			-
APLIN				.02				.26			.01	.15			.62				.87													1.33	3.26
APPLETON	R						.30										.08	.09				.03									.89	.07	1.46
ARKADELPHIA	Z			T				.19				.40			T]			.79													T	.90	2.28
ARKANSAS CITY								.11				.05				.04		.16	.06			T										T	0.42
ASHDOWN								.12			1.00			.71			.89														1.14	.31	4.17
ATHENS				T				.15				.50			.15			.49				T									.48	1.22	2.99
AUGUSTA	Z							.25				.12						.82														.63	1.82
BATESVILLE AIRWAY							.31										.27	.08													1.36	.53	2.55
BATESVILLE LIVESTCK								.41											.45				.10	.10								1.12	2.18
BATESVILLE L O 1	Z							.28										.37														1.83	2.48
BEATY LAKE								.24			.18	T						.87				T										1.67	2.96
BEAVER						.02	T	T							.09		T	.40				.05	.12								T	.22	0.90
BEE BRANCH			T					.32			.06							.20				T									.91	.83	2.32
BEECH GROVE																																.40	0.40
BEEDEVILLE							.32				T											T									.88	.43	1.63
BENTON				.22				.28			.08	.37			.79			.89														2.05	4.68
BENTONVILLE						T		.83							.58		T	.24			T	.20											1.85
BERRYVILLE	R						.65							.02			.49					.12									.06	.14	1.48
BETHESDA								.37										.48														1.24	2.09
BIG FLAT								.54									T	.95													.89		2.38
BIG FORK								.40			.30							1.00													1.80	1.40	4.90
BIG LAKE OUTLET		T						.26				T						1.26	.17			.05										1.28	3.02
BLACK ROCK									.27						.02				.18													.59	1.06
BLUE MOUNTAIN DAM	R						.41				.12						.55	.29			.02	.03									.64		2.06
BLUFF CITY 3SW								.37			T	.14						1.45														T	1.96
BLYTHEVILLE								.23			T							1.16						.05									1.44
BOONEVILLE	Z						.17				.05			.25			.75				.05			-	-	-	-	-	-	-	-	-	-
BOONEVILLE 2S							T	.17			T	.12			.12			.66			T	.01	.05								.17	.43	1.73
BOTKINBURG	R						.34	.08						.05			.40	.07													2.50	.10	3.54
BOUGHTON								.20				.26			1.04			.91														1.92	4.33
BRADFORD								.26				.05			-02			.31					.02									1.30	1.96
BRINKLEY	//Z							.20				.29			.06			1.33	.02													1.71	3.61
BUFFALO TOWER		-	-	-	-	-	-	-	-						.05		T	1.10				.02	.01								.16	.41	-
BULL SHOALS DAM	R						.45										.82																1.27
BURDETTE							.25											1.43														1.09	2.77
CABOT								.31			.23				.06			.40													.30	.74	2.04
CALICO ROCK		-						.89							.02		T	.83													*	.50	-
CAMDEN 1								.29		-	-	-	-	-	-	-	-	-	-	-	-	-	-										-
CAMDEN 2	R						.26				.17			.27	.32			.94				.03										1.27	3.27
CAMP CHAFFEE					T			.23										.78				.01	.01								.25	.07	1.35
CANAAN	R	-	-	-			.50										1.70	.10													.65	.25	-
CARLISLE								.18												.98													1.16
CARPENTER DAM	R		.05				.16				.63			.20			.03	.78													.70	1.50	4.05
CLARENDON								.28				.16			.07			.77	.11													.97	2.36
CLINTON							.21											.40					.01									2.80	3.42
COLD SPRINGS								.32			T	.18						3.30				T	.04								.40	.35	4.59
COMBS	R						.65							.35			1.15				.05										.20	.05	2.45
COMPTON	R						.73										1.53												.12	.11			2.49
CONWAY			.13					.23			.09			.06	.37			.46				T									.63	.34	2.31
CORNING	Z							.38										.27					.01									.72	1-38
COTTER								.61										.69														.23	.53
COVE							.89				.43							.90						-	-	-	-	-	-	-	.48	1.28	-
CROSSETT									.20		.05	.16			.35			.25				T										.05	1.06
CRYSTAL VALLEY								.30							.37			.49														.12	1.28
CUMMINS FARM			.10					.20			.05				.15			.50													T	.38	1.38
DAISY	R						.79				.48			.09			.15	.69													.17	1 52	3.89
DANVILLE	Z							.44			.02	.18			.09			1.11				.02	.02								.07	.69	2.64
DARDANELLE				.14				.44				.08			.17								.04									1.12	1.99
DE QUEEN								.18			.27				.60		.06	1.49														2-25	4.85
DENVER	R						.74							.06			.54					.20									.04	.08	1.66
DERMOTT								.22				.10			.10			.20															0.62
DES ARC								.13			.10	.16			.02			.53														1.37	2.31
DEVILS KNOB							.55	.10						.19							T	T									.56	T	1.40
DUMAS 1			T					.20			.03				.15			.78											.12	.03		.62	1.93
DUMAS 2	R						.20								.15			.73														.65	1.73
DURHAM	R						.69							.15			1.42				.05										.14	.10	2.55
EAGLE GAP				.04				.95			.29	.06			.22			1.07				T									1.80	1.63	6.06
EL DORADO AP			-	-	-	-	-	-	-		.10				.45			.60	.16				.02	-	-	-	-	-	-	-			-
ELKINS							.38							.43			.75														.67		2.23
EUREKA SPRINGS		.03					.53	.15						.23								.43									.18		1.55
EVENING SHADE									.43						.15			.20				T											0.78
FAYETTEVILLE					T		.54	.01						.28			.34	.09			T	.04									T	.25	1.55
FAYETTEVILLE EX S							.46	.11						.39			.21	.18				.07									.03		1.45
FORDYCE								.16			.12	T			.30			.55				T										.98	2.11
FOREMAN	R						.15				.64			.35			.12	.25														2.10	3.61
FORESTER			T			.42					.26						1.00	.40			.01									.98	.90	.06	4.03
FORREST CITY	R						.12	.14			.18							.72												.06	.06	1.60	2.88
FORT SMITH WB AIRPOR	Z						.26										1.23				T	.05									.40		1.94
FORT SMITH WTR PLNT								.40							.08		T	1.13				.06	T								.39		2.06
FOUNTAIN HILL								.30							.30			.15															0.75
FULTON								.25			T	.64			.53			1.33														.66	3.41
GARLAND								.41				.27			.62			.86				.04											2.20
GEORGETOWN								.21			T	.19				.10		.86	.11													.84	2.31
GILBERT	Z							.45							.01		T	1.31				T	T									1.05	2.82
GLENWOOD									1.05			.46																				2.06	3.57
GOULD								.20			T	.05			.19			.84														.47	1.75
GRANNIS								.38			.16	.20			.06		T	.93			.02	T								.29	.95	.87	3.86
GRAVELLY								.29			.06	.09			.25			1.52				.02									.35	.85	3.43
GRAVETTE							.72							1.05			.14					.16											2.07
GREEN FOREST								1.10							T			.74				.05	.08										1.97
GREEN MOUNTAIN		-	-	-	-	-	-	-	-									.56													T	.78	-
GREENBRIER		-	-	-	-	-	-	-	-		.10				.14	.24		.35				T	.35								.88	.18	-
GREENWOOD			.02				.24				T			T			1.27	.05			T	.02									.51		2.11
GURDON								.32					.21		.04			.86	.01												T	1.28	2.72
HAMPTON															.23			.83	T													1.51	2.57
HARDY	R					.33											.05	.07												.36		.24	1.05
HARRISON							.68							.03			.18	.92	T													.40	2.21
HARRISON CAA	Z						.57							.05			1.37				T	.02									.14	.23	2.38
HEBER SPRINGS 3SW	R						.37						.06				.09	.17													1.43	.37	2.49
HECTOR								.37			T	.02			.12			.35					T								.32	1.65	2.83
HELENA								.10				.06						.55	.10													.14	0.95
HENDERSON			-	-	-	-	-	-	-									.42															-
HOPE								.39			T	.46			.01			1.05														1.57	3.48
HOPPER								.72			.10	.23						1.08				.01		.08								2.60	4.82
HORATIO								.53				.22			.31			.88				T									.10	2.16	4.20
HOT SPRINGS				.01				.31			.08	.33			.11			.88				T									T	2.35	4.07
HUNTSVILLE	R						.85							.15			1.41					.04									.15	.10	2.70
HUTTIG DAM	Z							.18				.16			.56			.24	.14				T										1.28
JASPER								.40							T			1.12				T									.06	.45	2.03
JESSIEVILLE								.30				*	.22		.05			.55				.08									.73	1.40	3.33

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
JONESBORO		T						.24				.01						.54	.04				.03									2.08	2.94
KEO			.01					.28			.35							1.25													.54	1.53	3.96
LAKE CITY								.38			T							1.50				T									.09	1.24	3.21
LEAD HILL							.81	.10									1.02	.36				.12									.24		2.65
LEE CREEK								.26							.20		.03	1.03				.07									.10	.22	1.91
LEOLA								.30			.02	T		.30			.70	T													.50	.75	2.57
LITTLE ROCK WB AP	Z		.02				.18				.33			.01	T		.02	.57				T									.37		1.50
LITTLE ROCK FILT PL			.09				.22				.29			.05	.01			.53													.49	1.38	3.06
LOCK AND DAM NO 3								.35										.48														.90	1.73
LOST CORNER								.44							.06			.37					.03									1.77	2.67
LURTON								.67							.05		T	1.24					.03								.10	1.20	3.29
LUTHERVILLE								.28						.18			.06		.41			T		-	-	-	-	-	-	-	.72	.72	-
MADISON								.35			T	.17					T	.55	T													1.15	2.22
MAGNOLIA	Z							.23			.24				.20			1.46															2.13
MALVERN					.04				.24			.07	.45			.15		1.09													.44	1.62	4.10
MAMMOTH SPRING								.45							.08			.78														.67	1.98
MARIANNA	Z	.04							.12				.03					1.13														.98	2.30
MARKED TREE								.25				.13			T			1.92	.18													1.35	3.83
MARSHALL								.55						.01				1.51													-	-	-
MARVELL												.11						.71														T	0.82
MAUMEE	R						.41							.03			.89														.26	.45	2.04
MELBOURNE		-					.48									T			.43	T											-	-	-
MENA	Z							.35			.20	.15			.59			.82					.01								1.75	1.75	5.62
MONTICELLO	Z						.13								.23			.86														.42	1-64
MOROBAY L D 8	Z							.14			.04				.54			.74				.03										.02	1.51
MORRILTON				T				.29			T	.07			.20			.42					T									.90	1.88
MOUNT IDA 1	R										.70							.92					.07								.90	.60	3.19
MOUNT MAGAZINE								.46			.12			T	T		.35	.10			T	.05									.50	.27	1.85
MOUNTAIN HOME	Z							.40										.50													.20	.10	1.20
MOUNTAIN VIEW				T				.45							T			.81					.01									1.22	2.49
MOUNTAINBURG						T	.41							.19			.36	.77				.05									.37	T	2.15
MULBERRY							T	.30							.10		T	.93				T	T								.40	.26	1.99
NASHVILLE								.18			T	.56						.91				T										2.30	3.95
NATHAN				T				.71			.05	.34			.45			.95				T										1.80	4.30
NEWHOPE							.40				.36			.30			1.00															1.00	3.06
NEWPORT								.25				.03			.12			.55	.10				.02									1.75	2.82
NIMROD DAM	Z					T		.15			.03	.07			.32			.81					T								.60	1.05	3.03
NORFORK DAM	Z							.42										.55														.20	1.17
ODELL								.48							.48		.02	.78				.06										.07	1.89
ODEN							.44				.25						•	.95				T		-	-	-	-	-	-	-	-	-	-
OKAY									.30		.09					.60		1.08														2.85	4.92
OWENSVILLE				.10				.30		.06		.12			T	1.51		.66				T									.58	1.68	5.01
OZARK								.60				T		-	.02			1.05					T								T	.86	2.53
PARAGOULD								.11									.53					T									.07	1.04	1.75
PARKIN		-						.45									-	-		.68	T			T									
PARTHENON	R						.45										1.69														.15	.33	2.62
PERRYVILLE								.27		•	.12				.33		T	1.00															1.72
PINE BLUFF			.01					.02				.06			.71			.33	.05				T									.61	1.79
PINE BLUFF CAA	Z		T				.22				.10			T	.51		.04	.31				T									.23	.61	2.02
PINE RIDGE								.50			.30	T						.92				T	.08								1.10	1.68	4.58
POCAHONTAS 1								.32							.07			.14													.18	.32	1.03
PORTLAND								.11				.11			.41				.05				T										0.68
PRESCOTT								.33				.35			.21			.75													T	1.85	3.49
PRESCOTT SCS	R						.35				.32			.20			.04	.66														2.68	4.25
PYATT	R						.50							.02			.92														.10	.08	1.62
RATCLIFF			T				.65											1.32			T										.61	.16	2.74
RAVANA	R						.31				.45				.25		.55	1.53															3.09
REMMEL DAM	R		.04				.18				.48			.07			.03	.92													.77	1.52	4.01
ROCKHOUSE							2.40										.61														1.34		4.35
ROGERS					T		.68							.31			.60			T	.40												1.99
RUSSELLVILLE			.25					.44			.08			.32			.36					.05									.47	.49	2.46
SAINT CHARLES								.16				.08			.17			.78	T				.03									.56	1.78
SAINT FRANCIS								.14										.39														.60	1.13
SEARCY								.36			.10				.06			.20	.03				.02									.52	1.29
SHERIDAN		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		1.35													T	.54	-
SHIRLEY									.22		T			.03				.16				.06									.16	2.73	3.36
SILOAM SPRINGS							.39	.03						.22			.28	.01				.21	.02								.03		1.19
SMITHVILLE	R						.20										.08	.13													.05	.27	0.73
SPARKMAN								.33				.33							.70					-	-	-	-	-	-	-			-
STAR CITY											.33								.80													T	1.13
STEVE							.50				.16							.82													1.19	1.06	3.73
STORY								.44										.88													•	.88	2.20
STUTTGART							.12				.11						.60														.60	.30	1.73
STUTTGART 9ESE	Z			.05				.08				.07			.01			.51	T													.50	1.22
SUBIACO								.37							.22		.75	T			T	T									.98		2.32
SUGAR GROVE									.30			.20			.23			.93													.07	.60	2.33
SUGAR LOAF MTN								.30				.05						.21					.02									2.70	3.28
TAYLOR								.24			.66				.94			3.14															4.98
TEXARKANA WB AP	//Z						.11				.34			.72	.18		.51	.57			T	.03										T	2.46
TURNPIKE								.67						.10			.14	.71				.06									.48	.57	2.73
VIOLA								.60										.49														.21	1.30
WALDRON	Z		T				.25				.20				.05		.90	1.59			T	T									.62	.76	4.37
WALNUT GROVE									.30						T			.33													.27	.92	1.82
WARREN									.13	T					.27			.91														.81	2.12
WEDINGTON LAKE	R						.55							.03			.55					.15									.12		1.40
WEST FORK	R						.60							.89			1.09					.04									.05	.09	2.76
WHEELING	R						.45										.30	.10													.10	.10	1.05
WHITE ROCK							T	.46						.26			1.61														.28	.23	2.84
WHITECLIFFS								.47				1.05			.35			.88	T													T	2.75
WILSON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								-	-	-
WINFREY	R						.45							.34			.83														.65	.65	2.92
WING	R						.29				.10						1.25	.40													.60	.30	2.94
WYNNE								.15			.11	T																			.10	.75	1.11
YELLVILLE		.22						.48										.94														.23	1.87

See reference notes following Station Index.

TABLE 4
HOURLY PRECIPITATION

ARKANSAS
OCTOBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																									
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-2d-																									
CARPENTER OAM														.04	.01										.05
LITTLE ROCK WB AP																.02									.02
REMMEL OAM														.02		.02									.04
STUTTGART 9ESE																	.05								.05
-3d-																									
CANAAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									-
-5th-																									
HAROY																					.23	.08	.02		.33
-6th-																									
ALUM FORK																			.10	.15	.11				.36
ALY																			.65	.07					.72
APPLETON																			.18	.10	.02				.30
ARKAOELPHIA																				.20					.20
AUGUSTA																					*	*	*	*	*
BATESVILLE L O 1																				.05	.09	.06	.08		.28
BERRYVILLE									.03		.01			.05			.24	.16	.16						.65
BLUE MOUNTAIN OAM																		.39	.02						.41
BOONEVILLE																	.10	.06							.16
BOTKINBURG																			.18	.14	.02				.34
BRINKLEY //																				.01		.03	.02	.05	.11
BULL SHOALS OAM																		.05	.25	.15					.45
CAMOEN 2																					.18	.08			.26
CANAAN							.20	.15	.10	.04		.01													.50
CARPENTER OAM																				.13			.03		.16
COMBS														.02	.08		.35	.20							.65
CORNING										.38															.38
OAISY																			.77	.02					.79
OANVILLE																		.28	.25						.53
OENVER																	.06	.44	.16	.04	.03	.01			.74
OUMAS 2																						.05	.10	.05	.20
OURHAM																	.60	.03	.02	.04					.69
FOREMAN																			.02	.13					.15
FORREST CITY																							.10	.02	.12
FORT SMITH WB AIRPORT																	.26								.26
GILBERT																			.22	.13	.05				.40
HARRISON CAA													*	*	*	*	*	*	.34	*	*	*	*	.23	-
HEBER SPRINGS 3SW																				.07	.20	.09	.01		.37
HUNTSVILLE															.05		.45	.27	.03	.05					.85
HUTTIG OAM																							.12	.06	.18
LITTLE BOCK WB AP																				.03	.06		.03	.06	.18
MAGNOLIA																					.20	.05		.02	.27
MARIANNA																							.09	.01	.10
MAUMEE																			.20	.11	.09	.01			.41
MENA																		.32	.03						.35
MONTICELLO																						.05	.09	.01	.15
MOROBAY L O 8																						.15			.15
MOUNTAIN HOME																			.26	.12	.10				.48
NIMROO OAM																			.12	.10					.22
NORFORK OAM																	.01	.02	.12	.15	.09	.02	.01		.42
PARTHENON																		.35	.09	.01					.45
PINE BLUFF CAA																					.17	.04			.21
PRESCOTT SCS																				.33	.02				.35
PYATT																		.23	.10	.15	.02				.50
RAVANA																				.10	.20	.01			.31
REMMEL OAM																				.13	.02		.03		.18
SMITHVILLE																					.10	.05	.04	.01	.20
STUTTGART 9ESE																				.02	.01	.02	.05		.10
TEXARKANA WB AP //																				.10					.10
WALORON						.01	.02											.19							.22
WEOINGTON LAKE										.05		.1					.40								.55
WEST FORK																	.57	.02	.01						.60
WHEELING																			.29	.11	.05				.45
WINFREY																.03		.02	.40						.45
WING																			.20	.08			.01		.29
-7th-																									
AUGUSTA	*	*	*	*	*	*	.25																		.25
BOTKINBURG	.04	.04																							.08
BRINKLEY //	.04																								.04
OANVILLE	.01	.07																							.08
FORREST CITY	.10	.02	.01			.01																			.14
-10th-																									
ALUM FORK			.01	.01	.02	.01					.01	.01	.03	.04	.01	.01									.16
ALY												.05	.05												.10
ARKAOELPHIA									.04	.01			.02	.09	.19	.05	.04	.01							.45
AUGUSTA							*	*	*	*	*	*	*	*	*	*	*	*	.12						.12
BLUE MOUNTAIN OAM								.02	.02	.03		.04	.01												.12
BOONEVILLE						.01	.04					.01					.01	.01	.01						.09
BRINKLEY //															.08	.09	.07	.02							.26
CAMOEN 2															.07	.10									.17
CARPENTER OAM					.17	.06	.02						.03	.19	.12	.04									.63
OAISY				.05	.05		.02					.08	.15	.12	.01										.48
OANVILLE									.10	.05		.05													.20
FOREMAN												.14	.47	.03											.64
FORREST CITY															.02	.08	.08								.18
HUTTIG OAM																.02	.03		.02	.07	.01				.15
LITTLE ROCK WB AP					.04	.06	.02	.02					.01	.05	.08	.04	.01								.33
MAGNOLIA															.11	.07	.04	.03							.25
MENA				.01	.04	.14	.01				.05	.05	.05												.35
NIMROO OAM												.05	.03												.08

See Reference Notes Following Station Index

TABLE 4 — Continued

HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PINE BLUFF CAA																.03		.01	.01			.01			.06
PRESCOTT SCS									.02					.12	.18										.32
RAVANA															.05	.40									.45
REMMEL DAM					.02	.07	.02						.05	.17	.12	.03									.48
STUTTGART 9ESE																.05	.05								.10
TEXARKANA WB AP //													.05	.25	.05										.35
WALDRON									.10	.03	.02	.05													.20
WING									.10																.10
—11th—																									
MARIANNA								.02	.01																.03
—12th—																									
HEBER SPRINGS 3SW													.01	.04	.01										.06
—13th—																									
ALUM FORK																							.18	.26	.44
BERRYVILLE													.02												.02
BOONEVILLE															.01	.20	.03	.01							.25
BOTKINBURG																.03	.02								.05
CAMDEN 2																						.14	.08	.05	.27
CARPENTER DAM																			.20						.20
COMBS															.35										.35
DAISY																						.05	.04		.09
DANVILLE																	.10				.02			.01	.13
DENVER													.04	.02											.06
DURHAM														.05	.10										.15
FOREMAN																							.17	.18	.35
HARRISON CAA													*	*	*	*	*	*	.05						-
HUNTSVILLE													.12	.02	.01										.15
HUTTIG DAM																								.09	.09
LITTLE ROCK WB AP																							.01		.01
MAGNOLIA																								.20	.20
MAUMEE														.03											.03
MENA																					.56				.56
MOROBAY L D 8																							.05	.07	.12
NIMROD DAM																	.04	.01					.01	.23	.29
PRESCOTT SCS																						.05	.05	.10	.20
PYATT														.02											.02
REMMEL DAM																			.07						.07
TEXARKANA WB AP //																							.37	.50	.87
WALDRON																					.10				.10
WEDINGTON LAKE															.03										.03
WEST FORK													.03	.04	.82										.89
WINFREY														.14	.18	.02									.34
—14th—																									
ALUM FORK	.17		.01																						.18
BRINKLEY //	*	.06																							.06
CAMDEN 2			.02	.23	.07																				.32
DANVILLE	.05	.02																							.07
DUMAS 2		.04	.02	.09																					.15
HUTTIG DAM	.03	.02		.01	.17	.18																			.41
MONTICELLO			.14	.07	.01																				.22
MOROBAY L D 8	.03			.06	.14	.20																			.43
NIMROD DAM	.03																								.03
PINE BLUFF CAA	.35	.04	.06	.02																					.47
RAVANA	.25																								.25
TEXARKANA WB AP //	.03																								.03
—16th—																									
ALUM FORK																		.02	.03	.01		.01			.07
ALY																	.10	.10		.27				.05	.52
APPLETON																				.04	.02	.02			.08
ARKADELPHIA																	*	*	*	*	*	*	*	*	*
AUGUSTA																				*	*	*	*	*	*
BATESVILLE L D 1																				.14	.06		.04	.06	.30
BERRYVILLE											.03							.06	.10	.09	.12	.07	.02		.49
BLUE MOUNTAIN DAM												.03	.07				.03	.14	.10	.07	.07			.04	.55
BOONEVILLE										.02	.02	.10	.03			.15	.05	.15	.04	.15				.01	.72
BOTKINBURG																			.14	.01	.11	.09		.05	.40
BRINKLEY //																								.35	.35
BULL SHOALS DAM											.10							.19	.26	.06	.04	.07	.07	.03	.82
CANAAN																		.40	1.00	.07		.03	.10	.10	1.70
CARPENTER DAM																		.02	.01						.03
COMBS										.05					.03	.10	.11	.07	.09	.20	.37	.11	.02		1.15
CORNING														*	*	*	*	*	*	.27					.27
DAISY																	.02				.04	.09			.15
DANVILLE													.04				.06	.20	.10	.25	.15				.80
DENVER										.02	.04	.02						.10	.04	.08	.12	.08	.04		.54
DURHAM									.05	.02					.25	.13	.11	.21	.29	.16	.14	.03	.02	.01	1.42
FOREMAN																			.06	.06					.12
FORT SMITH WB AIRPORT							.02			.05	.08	.04		.01		.08	.05	.50	.07	.33					1.23
GILBERT																		.33	.48	.05	.04	.15	.12	.10	1.27
HARDY																							.02	.03	.05
HARRISON CAA							*	*	*	*	*	*	.09	*	*	*	*	*	.86	*	*	*	*	.42	-
HEBER SPRINGS 3SW																							.09		.09
HUNTSVILLE										.07					.01	.24	.19	.19	.08	.30	.16	.13	.03	.01	1.41
LITTLE ROCK WB AP																						.01	.01		.02
MAUMEE																		.30	.05	.06	.10	.14	.17	.07	.89
MENA													.02	.03		.01	.07	.02	.15	.05			.20	.13	.68
MOUNTAIN HOME																			.10	.08	.08	.04	.10	.10	.50
NIMROD DAM																	.03	.13	.07	.09	.06			.06	.44
NORFORK DAM																			.05		.04	.11	.10	.17	.47
PARTHENON											.07	.01					.86	.11	.05	.07	.14	.23	.13	.02	1.69
PINE BLUFF CAA																								.04	.04
PRESCOTT SCS																			.03	.01					.04
PYATT										.04	.11	.04						.11	.30	.04	.06	.11	.11		.92
RAVANA																						.10	.15	.30	.55
REMMEL DAM																		.03							.03

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
OCTOBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SMITHVILLE																						.06		.02	.08
TEXARKANA WB AP //																			.11	.04	.01	.08	.11	.13	.48
WALDRON												.13				.52	.35	1.25	.05					.10	2.40
WEDINGTON LAKE									.15					.06	.03	.01	.05	.05	.10	.10					.55
WEST FORK								.01	.07	.01					.10		.15	.20	.45	.05	.05				1.09
WHEELING																	.01	.02	.06	.01		.05	.05	.10	.30
WINFREY															.01	.03	.05	.06	.09	.42	.10	.07			.83
WING													.03			.02	.10	.20	.05	.75	.05			.05	1.25
—17th—																									
ALUM FORK		.12	.03	.06	.04		.03											.02	.01	.01					.32
ALY	.18	.15	.05	.02																					.40
APPLETON	.02	.05	.02																						.09
ARKADELPHIA	*	*	*	*	*	*	.79																		.79
AUGUSTA	*	*	*	*	*	*	*	.82																	.82
BATESVILLE L O 1				.02								.02	.01		.01	.01									.07
BLUE MOUNTAIN DAM	.15	.12			.02																				.29
BOTKINBURG	.04	.03																							.07
BRINKLEY //	.20	.15		.01	.24	.10	.15	.01	.04	.05	.04														.99
CAMDEN 2	.07	.03	.08	.12	.17	.10	.19	.11	.07																.94
CANAAN	.10																								.10
CARPENTER DAM		.10	.06	.16	.28	.11	.04	.03																	.78
DAISY		.04	.20	.20	.20	.05																			.69
OANVILLE	.15	.15																							.30
DUMAS 2			.28	.12	.01	.02		.09	.06	.10	.01	.02		.02											.73
FOREMAN	.02	.01	.07	.10	.04	.01																			.25
FORREST CITY	.04	.28	.06			.06	.12	.06	.04	.04	.02														.72
GILBERT	.03																								.03
HAROY		.07																							.07
HEBER SPRINGS 3SW			.08	.04		.05																			.17
HUTTIG DAM					.05			.17	.01	.03	.02	.07	.01	.01											.37
LITTLE ROCK WB AP			.21	.01	.11	.13	.03	.08																	.57
MAGNOLIA	.05	.04	.26	.20	.26	.34	.10		.11	.01															1.37
MARIANNA		.05	.16	.09	.40	.05	.17	.12	.01	.05															1.10
MENA	.14	.03																							.17
MONTICELLO		.10	.29		.03	.07	.08	.08	.07	.03															.75
MOROBAY L D 8				.05	.15	.09	.25	.06	02	.08															.70
NIMROO DAM	.12	.07	.14	.01					.03	.01															.38
NORFORK DAM	.03	.01	.01	.01																					.06
PINE BLUFF CAA		.02			.01	.11	.05	.05	.03	.02															.29
PRESCOTT SCS			.01	.15	.21	.19	.08	.02																	.66
RAVANA	.50	.05	.03	.15	.50	.15	.05	.05	.04	.01															1.53
REMMEL OAM		.18	.04	.18	.22	.18	.06	.06																	.92
SMITHVILLE		.03	.10																						.13
STUTTGART 9ESE	.15		.08	.02		.06	.13	.06	.04	.01															.55
TEXARKANA WB AP //	.22		.09	.11	.11	.02	.04	.01																	.60
WALDRON	.07		.02	.01			.03		.04																.17
WHEELING	.10																								.10
WING	.20	.10	.10																						.40
—20th—																									
BLUE MOUNTAIN DAM																		.02							.02
BOONEVILLE							.03	.01	.01																.05
COMBS																				.05					.05
DURHAM																			.02	.03					.05
—21st—																									
APPLETON											.03														.03
BERRYVILLE							.08		.02	.02															.12
BLUE MOUNTAIN DAM								.02	.01																.03
CAMOEN 2															.03										.03
CORNING															.01										.01
OENVER							.04	.04	.06	.02	.02		.02												.20
FORT SMITH WB AIRPORT								.04	.01																.05
HARRISON CAA							*	*	*	*	*	*	.02												-
HUNTSVILLE				.03			.01																		.04
MENA											.02														.02
TEXARKANA WB AP //											.03														.03
WEDINGTON LAKE									.10	.05															.15
WEST FORK																			.04						.04
—23d—																									
BOONEVILLE											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—29th—																									
FORREST CITY													.02	.04											.06
HARDY																.04	.01	.07	.24						.36
—30th—																									
ALUM FORK							.02	.20	.30	.04														.20	.76
ALY								.30	.38	.05														.18	.91
APPLETON						.06	.05	.20	.08	.02	.05	.10						.04	.01	.15	.10	.02		.01	.89
ARKADELPHIA							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90	.90
AUGUSTA									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BATESVILLE L D 1										.10	.05		.05	.10						.08	.22	.20	.28	.34	1.42
BERRYVILLE							.05		.01																.06
BLUE MOUNTAIN DAM						.05	.15	.14	.05										.10				.05	.10	.64
BOTKINBURG								.18	.12			.10	.12	.08				.01	.02	.06	.11	.60	1.00	.10	2.50
BRINKLEY //											.02	.03													.05
CANAAN								.01	.09								.02					.03	.05	.45	.65
CARPENTER DAM							.02	.31	.21	.16															.70
COMBS							.09	.06				.04		.01											.20
CORNING												*	*	*	*	*	*	*	*	*	*	*	*	*	*
DAISY								.05															.01	.11	.17
DANVILLE							.10	.20	.05	*	*	*	*	*	*	*	*	*	*	*	*	*	.44		.79
DENVER	*	*	*	*	*	*	*	*	*	.04															.04
DURHAM						.09	.05																		.14
FORREST CITY																.05	.01								.06
FORT SMITH WB AIRPORT					.03	.02		.05	.20	.03												.05	.02		.40

See Reference Notes Following Station Index

TABLE 4 — Continued

HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GILBERT								.05	.10														.02	.13	.30
HARRISON CAA							*	*	*	*	*	*	.14												-
HEBER SPRINGS 3SW								.01	.02	.25	.09	.01	.01	.28	.01	.01				.08		.06	.46	.14	1.43
HUNTSVILLE							.15																		.15
LITTLE ROCK WB AP									.11	.20	.04	.02													.37
MARIANNA													.05												.05
MAUMEE								.15	.10														.01		.26
MENA					.25	.80	.70																.50	.05	2.30
MOUNTAIN HOME								.10	.06	.04															.20
NIMROD DAM								.60	.22	.03				.01	.02								.01	.51	1.40
NORFORK DAM									.02	.03															.05
PARTHENON								.15																	.15
PINE BLUFF CAA									.05	.15			.01												.21
PYATT								.08	.02																.10
REMMEL DAM								.17	.42	.18															.77
SMITHVILLE																							.01	.04	.05
STUTTGART 9ESE											.05	.09	.01												.15
WALDRON							.45	.15		.02												.01	.58	.04	1.25
WEDINGTON LAKE					*	*	*	*	*	*	*	.12													.12
WEST FORK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.05	.05
WHEELING																						.05	.04	.01	.10
WINFREY						.24	.10	.01		.04	.14	.03		.04	.03	.02									.65
WING								.28	.02										.05	.01	.04		.10	.10	.60
—31st—																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALUM FORK	.28	.50	.20	.03	.02		.05																		1.08
ALY	.07	.32	.20																						.59
APPLETON	.01		.01		.02	.03																			.07
AUGUSTA	*	*	*	*	*	*	*	*	*	.66															.66
BATESVILLE L O 1	.18	.10					.08	.10	.02		.03	.02													.53
BERRYVILLE			.14																						.14
BOONEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOTKINBURG						.02	.07	.01																	.10
BRINKLEY //				.90	.15	.40	.05			.05															1.55
CAMDEN 2					.01	.12	.22	.44	.21		.10	.17	.01												3.28
CANAAN						.12	.13																		.25
CARPENTER DAM			.62	.41	.23	.09	.04	.10	.01																1.50
COMBS			.02	.01	.02																				.05
CORNING	*	*	.72																						.72
DAISY	.02	.45	.58	.17	.14	.10	.06																		1.52
DENVER				.07	.01																				.08
DUMAS 2								.17	.37	.03	.05		.01	.02											.65
DURHAM		.10																							.10
FOREMAN				.17	.73	.50	.09	.11	.10	.40															2.10
FORREST CITY			.02	.80	.50	.12	.16																		1.60
GILBERT				.05	.27	.43																			.75
HARDY	.13	.09	.02																						.24
HARRISON CAA	*	*	*	*	*	*	.23																		-
HEBER SPRINGS 3SW	.12	.13	.03	.01	.01			.05	.02																.37
HUNTSVILLE		.05	.02	.03																					.10
LITTLE ROCK WB AP		.03	.20	.58	.47	.10	.01		.20	.01	.01														1.61
MARIANNA					.60	.15	.09	.01	.05																.90
MAUMEE				.02	.23	.20																			.45
MENA	.75	.30	.10																						1.15
MONTICELLO							.05	.09	.05	.05	.05	.03	.02	.06											.40
MOUNTAIN HOME					.08			.01																	.09
NIMROD DAM	.05	.12	.10						.03																.30
NORFORK DAM					.03	.10																			.13
PARTHENON					.33																				.33
PINE BLUFF CAA					.02	.02	.14	.15	.07	.10	.05														.55
PRESCOTT SCS					.58	.60	*	1.00	.18	.16	.09	.05	.02												2.68
PYATT				.04	.04																				.08
REMMEL DAM		.09	.21	.45	.31	.14	.09	.12	.11																1.52
SMITHVILLE	.15	.05	.04	.01				.02																	.27
STUTTGART 9ESE				.02	.02	.11	.09	.11	.06	.03	.01														.45
WALDRON	.06	.02					.02																		.10
WEST FORK		.08	.01																						.09
WHEELING				.05	.05																				.10
WINFREY											*	*	*	*	.40			*	*	*	*	*	.25		.65
WING	.10	.12	.08																						.30

See Reference Notes Following Station Index

Table 5

DAILY TEMPERATURES

ARKANSAS
OCTOBER 1948

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALUM FORK	MAX	80	84	85	85	85	84	84	85	85	83	71	77	83	82	79	80	79	63	73	73	65	79	77	75	73	75	76	78	80	72	71	78.1
	MIN	50	50	50	50	45	46	45	44	44	44	53	42	46	54	53	62	43	31	33	38	48	43	42	45	38	41	45	42	42	55	54	45.7
ARKAOELPHIA	MAX	84	82	87	80	80	82	86	74	79	84	64	74	79	84	83	80	85	58	62	72	73	74	79	83	70	73	76	78	80	82	75	77.5
	MIN	50	52	54	46	45	46	46	43	43	44	53	40	42	43	55	56	45	30	29	29	32	49	37	37	39	39	40	42	43	47	57	43.6
ASHDOWN	MAX	88	87	81	79	84	85	74	79	83	68	71	78	85	82	82	88	60	62	69	75	70	78	82	72	73	76	79	78	80	79	75	77.5
	MIN	51	52	46	44	52	45	41	40	52	57	41	43	53	55	59	47	28	29	37	45	50	38	43	35	37	38	40	40	51	62	63	45.6
BATESVILLE AIRWAY	MAX	83	82	74	72	74	75	69	74	83	68	71	78	84	83	85	84	54	63	76	73	62	75	75	70	73	74	77	73	81	66	72	74.3
	MIN	55	55	51	45	41	52	45	48	43	54	43	39	40	51	45	46	31	27	29	34	50	41	37	39	35	35	42	37	41	53	59	43.3
BATESVILLE LIVESTCK	MAX	78	80	83	88	73	74	75	75	73	82	69	71	78	83	83	84	85	55	67	76	73	63	74	74	72	69	74	77	75	80	66	75.1
	MIN	50	48	46	37	37	39	40	40	40	52	41	38	36	47	40	67	42	21	27	29	47	39	33	33	32	32	32	34	35	51	57	40.1
BEE BRANCH	MAX	86	85	82	78	77	80	75	76	80	75	74	79	80	87	82	80	75	62	73	73	68	76	78	72	75	76	77	77	80	74	71	76.9
	MIN	52	54	51	42	41	47	45	44	43	53	48	39	39	48	49	62	43	24	28	33	50	39	38	38	36	36	44	38	44	54	60	43.9
BENTON	MAX	81	84	85	79	76	80	82	73	76	81	65	72	80	82	82	76	79	58	64	73	75	75	77	81	70	73	74	76	78	79	80	76.3
	MIN	48	31	50	41	40	45	43	38	39	40	53	37	37	43	51	51	43	26	26	30	39	43	35	36	32	35	44	35	36	38	39	39.5
BENTONVILLE	MAX	79	79	81	78	67	76	71	66	72	78	74	68	76	79	81	81	74	54	63	73	69	63	74	66	70	75	76	76	77	78	69	73.0
	MIN	53	53	49	44	47	54	37	40	43	48	38	36	39	38	42	56	34	25	30	34	42	36	35	32	35	36	39	38	46	58	36	41.1
BETHESOA	MAX	76	82	82	74	70	75	76	68	72	81	69	68	75	82	81	83	84	54	62	76	74	72	72	73	68	71	73	76	74	80	67	73.9
	MIN	49	50	44	36	35	47	36	45	37	48	43	36	33	44	37	65	40	20	24	27	33	35	30	32	27	29	36	30	35	45	55	38.2
BLYTHEVILLE	MAX	74	80	79	70	69	74	78	71	73	81	69	70	75	84	79	85	81	47	58	74	74	69	75	71	68	72	73	68	77	83	73	73.4
	MIN	56	57	50	44	44	45	49	49	47	48	50	43	43	47	47	47	41	30	30	36	44	49	44	41	39	40	43	44	44	48	48	44.7
BOONEVILLE	MAX	87	84	81	81	85	82	74	78	86	80	78	69	75	80	87	80	80	84	79	87												-
	MIN	38	50	38	40	44	56	57																									-
BRINKLEY	MAX	84	84	76	73	78	79	73	76	83	72	72	78	83	85	85	84	78	62	75	77	72	79	79	72	75	75	77	82	82		75	77.5
	MIN	52	51	51	42	41	52	47	44	44	56	52	38	39	54	47	66	42	27	28	33	47	46	37	38	36	36	45	39	46		53	44.3
CAMOEN 1	MAX	88	87	86	80	80	85	86	76															81	84	73	78	79	82	83	84	83	-
	MIN	49	52	51	42	43	48	51	47															37	38	38	39	43	38	40	43	58	-
CAMP CHAFFEE	MAX	82	88	86	81	78	84	81	71			84	73	79	85	85		89	57	64	72	74	69		78	71	73	76	79	78	83	73	77.5
	MIN	48	54	49	47	51	55	45	49			42	36	39	46	49		43	27	29	38	47	38		36	33	35	42	39	46	54	58	43.5
CONWAY	MAX	83	83	78	80	78	80	74	75	81	69	72	76	83	83	82	81	74	60	72	74	63	75	76	70	72	73	75	78	82	68	72	75.5
	MIN	53	54	49	43	43	51	45	43	43	57	51	39	40	52	50	64	43	28	29	34	48	40	38	36	35	37	45	38	45	55	59	44.7
CORNING	MAX	72	82	72	72	70	75	77	69	72	80	73	72	76	83	77	84	79	53	60	75	73	62	72	70	67	68	75	69	75	80	68	72.6
	MIN	52	54	50	41	39	46	47	47	43	50	44	38	39	45	42	45	43	25	29	36	43	39	35	37	39	35	39	33	36	41	58	41.6
CROSSETT	MAX	87	83	80	77	85	86	82	81	85	86	75	80	85	83	83	88	79	62	69	78	76	80	81	74	78	77	82	83	83	83	76	80.2
	MIN	55	53	55	43	41	51	53	39	40	53	60	38	39	56	59	64	43	27	25	29	40	48	36	43	38	41	48	40	40	52	64	45.6
CUMMINS FARM	MAX	83	83	77	72	65	81	73	76	82	72	71	78	83	80	82	86	78	59	70	75	74	76	79	71	74	75	80	80	82	77	70	76.3
	MIN	49	52	51	43	41	47	49	45	41	55	55	37	38	52	40	63	41	27	27	31	43	50	36	39	37	37	46	38	38	50	60	43.8
DAROANELLE	MAX	81	86	80	81	76	81	82	70	76	81	68	76	80	84	84	82	79	61	65	71	75	62	78	80	72	73	74	77	76	81	70	76.2
	MIN	52	52	52	45	45	45	45	45	43	43	43	40	40	40	41	52	46	30	30	30	30	42	38	38	35	35	35	36	40	47	47	41.4
DE QUEEN	MAX	84	84	80	78	81	82	80	77	78	70	75	77	84	82	78	81	72	60	67	69	70	76	80	72	70	76	75	74	78	75	73	76.1
	MIN	52	52	54	45	49	60	42	40	42	45	50	40	43	57	56	63	46	28	30	39	49	48	39	46	37	38	41	45	50	62	61	46.7
OES ARC	MAX	77	82	82	75	72	71	77	72	76	80	66	69	77	83	82	83	81	54	60	73	75	70	77	78	69	72	73	77	77	80	65	74.4
	MIN	53	54	52	42	41	43	45	47	43	50	50	39	41	43	49	50	42	29	29	34	37	46	37	37	37	35	37	36	37	43	56	42.4
OEVILS KNOB	MAX	78	80	74	74	75	76	72	73	76	73	69	74	75	77	78	76	70	66	72	70	65	70	71	72	70	74	71	69	73	68	70	72.6
	MIN	58	59	47	43	47	45	40	37	49	55	42	46	52	54	54	54	37	28	41	44	48	48	40	39	45	44	46	51	50	54	52	46.7
OUMAS 1	MAX	83	83	80	74	78	82	75	78	84	78	73	78	85	80	84	87	78	60	75	70	76	78	85	80	76	74	78	64	68	80	75	77.4
	MIN	53	56		44	43	50	51	48	42	58	58	38	42	56	54	68	40	28	34	29	45	51		54		51	50	57	57	55	53	48.8
ELOORAOO	MAX	88								83	87	82	80	83	89	86	85	90	60	65	75	80	75								85	85	-
	MIN	52								45	51	56	42	44	47	60	62	46	29	31	33	41	49								48	59	-
EUREKA SPRINGS	MAX	78	81	75	69	78	72	64	69	77	73	66	73	71	77	80	75	49	60	71	70	62	70	64	63	70	73	70	73	78	72	80	71.1
	MIN	56	58	50	44	49	60	41	46	55	57	40	42	49	50	52	44	35	27	45	42	49	44	44	39	39	43	48	44	55	60	59	47.3
FAYETTEVILLE	MAX	80	82	77	69	76	74	65	70	78	72	65	74	74	80	81	74	53	60	71	69	66	72	67	69	72	75	73	75	76	69	78	72.1
	MIN	52	52	48	43	51	54	41	44	42	55	42	37	40	43	51	43	35	26	30	36	49	41	40	33	33	35	41	36	52	61	57	43.3
FAYETTEVILLE EX S	MAX	80	81	77	73	76	74	66	72	79	74	72	75	75	79	81	76	51	62	73	71	69	73	67	70	75	77	76	77	77	71	80	73.5
	MIN	51	50	45	42	46	55	40	41	42	54	39	35	40	43	50	48	34	24	32	37	48	37	37	35	32	35	41	38	52	59	55	42.5
FOROYCE	MAX	86	86	81	78	84	85	81	80	85	80	76	80	85	87	82	86	82	63	74	76	76	80	80	82	81	85	81	82	84	80	77	80.8
	MIN	56	56	53	45	46	56	50	45	50	60	56	43	47	60	56	65	45	31	36	40	50	50	50	43	41		41	45	50	60	52	49.3
FORT SMITH WB AIRPORT	MAX	84	84	81	78	83	80	71	74	82	74	72	78	83	84	89	76	57	64	71	71	68	77	76	70	71	74	78	76	80	69	81	76.0
	MIN	51	55	51	48	52	55	44	48	44	59	48	39	42	49	54	46	35	26	30	39	48	38	40	40	38	39	43	45	53	59	59	45.7
GILBERT	MAX	76	85	83	76	73	81	78	70	74	83	73	70	78	81	83	83	78	54	65	77	72	69	75	72	70	74	75	75	77	80	69	75.1
	MIN	50	46	40	38	37	43	37	39	36	39	39	29	30	36	36	39	40	22	23	26	33	31	29	26	26	28	32	29	32	37	51	34.8
GRANNIS	MAX	85	85	78	78	80	79	70	75	79	63	74	74	84	84	72	74	56	62	68	72	72	75	79	71	70	71	74	75	78	72	71	74.2
	MIN	56	52	46	47	47	42	45	46	50	52	44	47	52	54	59	43	28	32	40	49	45	45	42	41	42	45	47	51	52	60	60	47.1
GRAVETTE	MAX	83	82	77	70	77	72	65	72	78	75	69	76	74	81	82	75	53	62	73	71	62	75	71	71	74	77	78	77	78	70	82	73.6
	MIN	52	49	48	47	50	55	37	40	42	48	38	32	39	41	49	40	35	22	33	34	49	35	38	36	36	37	43	43	53	63	54	42.5
GREEN MOUNTAIN	MAX										77	67	74	78	79	81	80	72	75	75	71	70	70	69	65	72	70	70	66	78	69	66	72.5
	MIN										52	41	44	51	55	51	65	38	37	31	50	55						60	62	64	54	51	-
HARRISON	MAX	83	81	76	75	71	71	65	74	79	73	68	75	76	82	82	78	52	64	76	86	63	73	69	68	74	75	75	77	80	70	80	73.9
	MIN	47	51	43	38	46	51	39	45	39	52	38	35	34	40	40	48	38	24	28	31	49	32	34	29	28	30	40	33	42	53	58	39.8
HARRISON CAA	MAX	80	80	75	71	79	77	66	72	78	73	69	76	72	81	83	78	53	64	76	70	64	72	69	68	72	75	75	76	80	70	81	73.4
	MIN	47	47	43	37	42	48	39	43	38	51	38	34	35	41	40	42	2	24	28	32	40	37	35	30	29	31	39	34	42	53	58	38.9
HELENA	MAX	73	82	83	75	73	78	79	71	74	81	68	71	78	80	83	84	83	49	59	71	75	73	77	79	69	73	73	73	78	80	74	74.8
	MIN	56	56	55	48	47	47	54	50	49	54	58	43	44	48	53	54	47	32	33	35	38	48	43	43	42	42	43	45	45	49	53	46.9
HOPE	MAX	86	87	87	79	79	84	87	73	78	84	70	75	80	86	83	86	85	68	62	71	76	72	79	82	70	74	75	80	80	82	79	78.7
	MIN	51	54	54	46	46	48	51	45	44	51	53	44	44	47	56	59		32	32	36	38	50	41	45	41	41	43	42	45	49	61	44.8
HOT SPRINGS	MAX	84	88	83	83	82	82	84	74	79	82	64	76	80	84	86	76	80	60	64	73	72	70	79	84	73	76	77	78	78	81	69	77.5
	MIN	52	54	54	49	49	53	50	49	52	51	55	46	47	52	56	56	44	33	34	40	44	51	52	46	43	42	47	48	48	51	61	48.7
JONESBORO	MAX	81	78	71	69	75	76	69	72	79	66	70	75	82	79	84	80	68	59	74	70	63	73	72	66		73	69	74	80	71	73	73.0
	MIN	54	56	51	43	43	47	46	47	48	49	47	42	44	50	49	50	42	28	31	37	41	45	41	42	41	39	41	39	40	45	55	44.3

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KEO	MAX	83	84	77	74	79	81	73	76	82	68	72	78	84	83	81	83	74	62	72	77	73	77	81	71	74	76	78	80	81	70	72	76.6
	MIN	51	58	51	43	41	49	45	43	43	57	53	40	41	53	51	64	41	27	30	33	45	45	38	38	37	36	46	39	42	55	60	45.0
LEAD HILL	MAX	85	84	78	75	80	76	62	73	82	77	69	77	81	83	85	78	60	65	76	72	66	73	70	68	71	74	73	73	78	73	83	74.8
	MIN	45	50	40	33	38	54	38	50	37	42	36	31	31	38	38	45	35	22	25	29	49	33	32	28	27	28	38	21	40	55	58	37.6
LITTLE ROCK WB AP	MAX	81	81	75	74	76	80	72	73	79	66	72	77	83	80	73	81	56	60	70	72	69	75	77	67	70	71	74	77	78	71	71	73.6
	MIN	56	59	56	50	47	53	50	49	47	58	48	43	46	56	56	53	42	34	35	37	48	46	41	46	45	43	50	47	50	57	60	48.6
LUTHERVILLE	MAX	84	82	80	76	77	78	78	75	80	78	71	76	79	85	83	78	76	75	72	73	72	76								71	74	77.0
	MIN	52	62	51	47	47	55	42	45	45	55	52	42	45	52	57	62	42	27	34	41	52	42								52	60	48.4
MAGNOLIA	MAX	90	88	81	80	86	87	82	81	85	79	78	82	87	84	88	89	80	64	74	75	72	82	83	78	74	75	81	80	83	84	79	81.0
	MIN	56	55	47	50	52	55	51	43	45	60	56	45	47	60	62	67	46	31	32	39	46	53	42	47	43	45	54	51	51	63	64	50.3
MALVERN	MAX	83	86	87	82	78	82	83	74	78	84	66	74	80	83	83	79	81	70	63	73	74	74	79	84	70	73	75	77	79	82	72	77.7
	MIN	56	59	58	54	42	50	48	50	55	55	52	39	40	50	58	60	40	30	28	36	44	45	38	45	40	42	50	44	45	57	57	47.3
MAMMOTH SPRING	MAX	82	79	80	78	60	60	67	65	70	77	79	78	79	78	80	79	78	70	69	72	77	79	84	80	75	74	79	78	75	75	77	75.3
	MIN	38	36	34	35	36	35	38	37	37	39	34	34	37	36	39	47	39	23	24	25	27	26	25	27	27	32	31	30	31	33	39	33.3
MARIANNA	MAX	80	81	73	71	75	78	70	74	80	65	70	76	81	83	85	84	65	58	71	74	73	76	78	69	72	75	76	79	81	71	70	74.6
	MIN	53	55	51	42	41	53	49	45	43	51	55	37	42	48	50	63	42	25	30	34	46	46	37	40	38	41	40	40	45	48	61	44.9
MARKED TREE	MAX	76	81	79	72	72	76	78	73	75	81	68	70	77	85	83	85	83	49	59	75	75	69	76	74	69	72	75	70	77	82	73	74.5
	MIN	56	58	50	44	41	43	46	47	46	53	50	40	41	41	46	48	42	27	29	34	43	47	37	41	38	37	40	37	41	45	59	43.5
MARSHALL	MAX	82	80	75	72	79	75	71	72	80	73	68	77	81	81	79	80	75	62	74	72	69	74	72	70	70	75	76	77	79			74.8
	MIN	60	49	49	39	48	58	39	39	40	59	41	37	34	43	43	67	39	24	29	32	49	43	35	31	30	34	42	35	46			41.9
MENA	MAX	84	83	78	78	82	82	70	76	80	66	72	78	85	82	84	74	68	64	73	74	71	76	79	70	75	74	77	75	78	70	72	75.8
	MIN	52	59	55	49	47	62	41	43	44	56	53	42	48	54	54	64	42	31	35	39	51	43	43	46	39	40	45	46	52	59	58	48.1
MONTICELLO	.4AX	84	83	78	74	81	81	76	88	84	82	74	80	84	82	80	89	74	60	72	76	77	78	80	71	74	76	79	81	83	80	70	78.4
	MIN	58	57	51	48	50	54	48	46	50	61	50	44	46	58	58	64	37	33	32	37	50	50	42	41	45	50	48	49	51	60	62	49.4
MORRILTON	MAX	81	84	82	80	78	80	82	70	76	85	65	75	79	88	85	84	81	58	62	75	75	62	76	87	71	77	75	73	77	81	68	76.5
	MIN	55	55	53	46	44	46	48	48	44	45	53	42	42	42	54	52	45	31	32	34	37	43	42	40	37	38	40	40	41	45	56	44.2
MOUNT IDA 1	MAX	85	84	81	81	82	83	85	84	80	78	77	82	83	82	80	80	78	71	75	76	78	81	79	78	76	78	80	76	80	77	68	79.3
	MIN	43	47	42	36	38	40	41	40	39	38	36	32	34	35	34	36	32	24	24	28	31	32	35	36	33	34	32	35	38	52	54	36.5
MOUNT MAGAZINE	MAX	76	73	73	70	71	70	69	66	72	64	60	70	77	77	78	66	62	56	65	65	57	68	68	61	60	65	68	69	71	65	69	67.8
	MIN	55	59	50	45	47	54	37	42	53	46	46	48	51	56	56	62	33	35	40	49	46	48	53	43	45	46	53	54	56	55	57	49.0
MOUNTAIN HOME	MAX	83	81	75	72	77	74	67	77	80	73	69	76	80	82	83	81	55	63	75	74	65	72	70	70	70	74	68	75	80	71	80	73.9
	MIN	47	54	45	40	42	42	42	43	40	50	37	35	34	43	42	41	40	22	28	32	50	37	35	35	35	33	42	35	43	54	58	40.5
NASHVILLE	MAX	86	86	85	79	80	82	84	73	79	84	67	75	79	85	87	79	85	59	62	70	74	73	79	82	71	74	75	78	76	81	79	77.7
	MIN	59	54	55	46	47	49	47	41	43	44	52	43	44	45	53	60	47	29	31	33	39	53	39	42	40	40	41	45	49	51	56	45.7
NEWPORT	MAX	84	83	76	70	77	78	70	75	81	67	73	78	85	83	85	83	66	61	75	75	63	76	77	71	71	75	75	74	82	65	74	75.1
	MIN	58	56	53	46	44	45	50	47	43	45	51	40	41	42	47	48	45	29	30	32	37	44	38	40	40	38	41	38	40	45	56	43.5
NIMROD DAM	MAX	81	86	83	83	77	81	83	70	76	84	64	75	79	86	84	83	80	59	64	74	75	60	78	79	71	74	76	77	78	83	72	76.6
	MIN	49	53	48	41	41	46	43	46	41	50	44	37	40	40	44	52	43	28	29	34	34	42	37	36	36	37	39	37	40	40	57	41.4
NORFORK DAM	MAX	74	84	83	77	72	78	77	70	74	84	74	71	78	81	83	85	82	55	64	76	74	66	74	71	70	71	73	72	76	82	71	74.9
	MIN	50	51	48	49	40	51	42	43	39	43	42	34	35	40	40	50	44	26	27	33	38	35	34	33	34	35	40	37	37	44	53	40.2
ODEN	MAX	84	84	78	82	76	77	80	80	79	82	81	80	85	85	84	81	64	67	75	75	68	77										-
	MIN	50	54	44	53	44	46	43	56	42	44	47	39	43	53	51	62	48	28	30	35	50	43										-
OKAY	MAX	87	86	80	81	85	88	90	80	84	76	75	80	85	82	84	84	80	63	71	75	75	80	84	80	75	75	79	74	81	80	78	79.9
	MIN	50	52	53	44	47	48	45	44	42	50	44	41	48	59	56	70	47	27	30	34	38	38	39	44	41	38	47	44	48	56	62	46.0
OZARK	MAX	82	87	86	80	76	80	78	69	74	80	72	72	78	80	85	84	78	52	62	70	70	67	76	76	69	70	74	75	75	80	66	74.9
	MIN	52	51	53	45	46	55	44	44	44	44	52	40	41	42	52	60	45	28	29	32	40	40	39	39	38	38	38	44	43	49	58	44.0
PARAGOULD	MAX		82	74	70	77	79	73	75	82	77	76	75	84	80	85	79	76	73	74	75	66	74	72	78	70	75	69	77	81	72	74	75.8
	MIN		56	48	40	36	43	45	46	40	44	34	41	36	44	44	62	24	27	26	31	47	39	34	39	35	33	38	33	37	48	58	40.3
PERRYVILLE	MAX	82	82	78	76	80	78	83	80	82	73	79	80	82	85	88	80	74	74	75	75	73	72	87	84	73	75	76	77	78	70	72	78.2
	MIN	49	50	44	53	40	43	55	43	40	55	36	38	42	37	54	47	40	37	35	37	37	37	43	37	28	35	36	36	40	41	43	41.5
PINE BLUFF	MAX	84	84	84	84	77	82	83	83	84	84	81	82	83	82	86	87	74	62	75	77	73	83	81	71	74	80	80	79	83	73	73	79.6
	MIN	51	61	51	49	47	54	52	49	50	50	52	49	46	58	58	57	46	35	35	35	49	48	43	46	44	42	43	42	49	55	59	48.5
PINE BLUFF CAA	MAX	83	83	76	73	78	81	73	77	82	69	70	77	84	81	81	85	57	59	72	75	76	78	79	70	73	75	79	80	82	74	72	75.9
	MIN	53	58	54	47	44	51	52	47	44	59	45	39	42	56	55	56	35	32	31	34	44	44	38	43	40	38	44	40	42	53	61	45.8
POCAHONTAS 1	MAX	83	80	74	73	73	76	72	72	82	74	72	76	84	82	83	82	76	61	78	76	68	75	73	70	71	76	74	77	80	72	78	75.6
	MIN	50	54	49	43	39	46	45	45	40	50	43	38	37	50	45	59	41	26	27	37	49	38	34	39	40	37	41	34	39	48	58	42.6
PORTLAND	MAX	82	86	82	81	86	85	86	86	86	86	84	76	79	85	79	80	84	69	66	69	77	74	79	79	72	74	80	72	79	82	85	79.7
	MIN	49	58	55	46	44	44	50	44	44	44	56	40	40	41	52	52	46	29	28	28	32	44	39	40	40	40	42	42	42	42	54	43.5
PRESCOTT	MAX	86	86	85	79	78	84	87	74	80	84	68	74	79	85	82	81	85	58	62	70	75	73	78	83	70	73	74	79	81	82	78	77.8
	MIN	50	53	54	47	45	45	49	44	44	51	52	42	42	44	53	55	43	31	30	32	38	50	40	41	40	41	43	44	41	46	56	44.7
ROGERS	MAX	80	83	78	70	77	72	66	71	79	75	70	76	73	80	82	76	53	63	74	63	74	70	71	73	75	77	77	78	79	81	79	74.0
	MIN	53	53	49	44	45	52	36	40	43	50	38	36	40	45	48	42	33	23	33	49	38	39	37	37	35	37	43	41	52	55	56	42.6
RUSSELLVILLE	MAX	86	78	80	75	79	82	76	75	81	70	75	79	82	84	83	79	72	62	74	74	67	77	79	75	73	74	77	77	81	75	72	76.5
	MIN	51	59	59	44	55	54	47	47	43	55	52	38	40	50	52	60	46	27	29	35	50	39	37	37	34	36	36	40	46	57	62	45.7
SAINT CHARLES	MAX	84	84	75	72	77	79	75	75	80	68	72	76	83	83	83	84	51	60	72	75	75	77	78	70	74	75	77	79	81	74	71	75.5
	MIN	54	52	44	44	53	52	45	45	56	55	40	42	53	51	59	42	29	29	35	37	47	39	42	39	39	43	43	44	51	59	53	45.7
SEARCY	MAX	84	84	76	73	79	80	71	78	83	66	74	81	86	85	86	83	64	65	77	77	65	80	81	71	75	76	80	77	84	71	74	77.0
	MIN	57	58	54	46	42	48	45	47	44	57	51	39	40	52	50	62	44	30	29	34	50	42	37	42	40	39	46	38	45	53	59	45.8
SHERIDAN	MAX																82	56	62	73	76	72	78	81	69	73	74	75	79	82	72	70	-
	MIN																38	34	34			57	60	34	35	34	36	45	37	43	49	41	-
SILOAM SPRINGS	MAX	81	80	77	72	77	72	67	72	79	75	66	76	72	81	83	74	53	63	73	70	70	75	68	70	74	76	79	78	78	71	82	73.7
	MIN	50	49	49	47	48	57	51	41	41	52	40	35	40	43	47	42	36	23	31	36	49	38	36	34	35	36	42	43	52	62	52	43.1
STUTTGART	MAX	80	81	73	70	76	79	71	73	80	66	68	75	81	80	83	83	52	56	69	74	74	75	77	70	70	72	74	76	71	80	71	73.5
	MIN	57	55	46	47	50	50	46	48	42	51	43	45	48	53	56	44	31	33	35	40	50	42	42	41	42	42	50	46	51	42	59	46.0
STUTTGART 9ESE	MAX	76	81	81	75	70	76	79	71	74	80	68	70	76	81	82	83	83	57	59	70	75	73	76	71	69	72	74	76	79	81	71	74.5
	MIN	54	57	54	45	44	48	48	47	44	48	55	40	42	47	49	53	46	30	31	33	38	48	38	41	42	40	43	41	42	48	60	45.0
SUBIACO	MAX	83	82	79	75	80	82	75	71	82	75	71	76	83	82	85	79	70	59	69	73	66	74	76	74	70	73	77	76	81	76	79	75.9
	MIN	52	62	52	47	49	61	46	49	45	66	51	42	43	52	54	63	49	46	40	45												-

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
TEXARKANA WB AIRPORT	MAX	86	86	80	79	84	86	74	78	82	70	75	78	85	82	86	86	60	61	70	75	68	78	81	71	74	75	78	78	81	81	76	77.5
	MIN	55	56	56	49	52	60	52	46	47	58	53	47	52	61	59	58	42	34	35	45	51	53	48	48	44	43	49	47	54	64	65	51.1
TURNPIKE	MAX	76	80	76	70	74	71	70	68	75	65	65	74	73	78	77	75	60	57	69	66	61	69	68	66	70	73	73	75	74	65	67	70.3
	MIN	50	39	50	43	48	45	39	31	47	55	42	50	55	55	41	39	34	30	43	48	48	44	46	39	43	39	50	55	56	54	52	46.1
WALDRON	MAX	85	84	80	79	84	81	70	75	83	75	72	79	87	84	87	78	70	65	74	74	63	75	75	72	75	76	79	78	80	72	79	77.1
	MIN	45	55	44	39	44	61	37	45	37	56	51	33	37	49	45	58	41	25	27	33	47	38	34	32	30	33	42	36	42	62	56	42.4
WARREN	MAX	87	83	76	76	76	84	83	82	81	79	78	78	82	84	77	86	72	69	76	72	76	69	77	69	68	76	79	78	81	81	78	77.8
	MIN	58	52	55	48	48	46	54	57	52	48	47	42	47	49	54	57	56	32	32	35	41	38	45	51	46	41	43	51	52	67	61	48.5
WHITE ROCK	MAX	80	80	76	74	73	68	62	70	76	67	68	75	71	79	78	72	53	58	67	65	66	72	70	66	68	71	71	70	75	71	70	70.4
	MIN	58	62	53	47	51	56	38	45	52	57	45	50	52	52	56	53	33	33	39	49	47	48	51	43	42	49	53	42	56	56	55	49.1
WILSON	MAX																							69	72	69	67	70	67	74			-
	MIN																							40	40	41	39	40	42	44			-
WYNNE	MAX	80	80	72	70	71	77	71	74	79	69	69	77	82	82	84	82	75	58	74	75	63	75	76	61	70	72	73	77	80	68	77	74.0
	MIN	54		50	42	43	54	52	42	46	58	51	39	44	53	54	65	41	28	34	35	53	48	39	42	42	39	47	45	51	56	61	46.9

See reference notes following Station Index.

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	DEPARTURE FROM NORMAL
_SDA	EVAP	.124	.120	.207	.179	.150	.156	-	.186	.274	.139	.095	.156	.160	.110	.176	.186	.272	.178	.104	.122	.074	.076	.108	.198	.104	.102	.082	.100	.070	.128	-	4.4218	
	WIND	15	14	21	26	22	42	69	69	91	44	34	40	33	41	14	73	130	57	26	6	23	14	35	55	18	30	6	17	13	30	56	1164	
HOPE	EVAP	.199	.249	*	.456	.225	.309	.293	*	.433	*	.231	.161	.157	.149	.143	.018	*	.344	.130	.110	.042	.074	.276	.133	.092	.103	.096	.226	.108	.014	-	4.9308	
	WIND	22	35	*	81	22	26	62	*	90	*	35	22	12	25	18	30	*	132	25	16	16	1	22	53	30	6	27	4	23	17	39	891	
NIMROD DAM	EVAP	.142	.161	.116	.177	.158	.160	.150	.250	.189	.136	.085	.084	.152	.112	.152	.113	.121	.126	.122	.150	.102	.014	.133	.130	.105	.106	.084	.100	.086	.121	.110	3.947	
	WIND	7	4	9	4	9	10	26	56	26	13	5	7	5	3	5	4	20	22	8	8	5	3	12	5	4	7	3	5	4	16	2	317	
NORFORK DAM	EVAP	.073	.108	.219	.155	.128	.047	.160	.343	.017	.120	.120	.114	.040	.170	.150	.124	.138	.118	.100	.118	.219	.128	.296	.120	.098	.072	.070	.048	.066	.142	.022	3.843	
	WIND	3	52	27	16	42	48	60	40	0	11	31	19	16	23	6	39	66	49	20	21	17	15	25	12	16	16	14	6	3	45	14	772	
STUTTGART 9 MI. ESE	EVAP	.071	.129	.107	.131	.124	.102	.163	.214	.108	.144	-.005	.141	.090	.114	.098	.227	.162	*	.064	.079	.100	.091	.109	.102	.079	.087	.062	.071	.105	.117	.058	3.244	
	WIND	5	0	30	30	20	15	65	110	20	15	5	22	8	35	10	65	70	25	15	5	20	5	15	5	15	15	20	5	10	15	25	7200	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	HIGHEST (OR CREST)	DATE	LOWEST	DATE
BUFFALO																																				
GILBERT	30	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	31	3.2	29
BLACK																																				
BLACK ROCK	14	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1	1.3	6
WHITE																																				
COTTER	21	1.0	1.4	1.2	1.2	1.1	1.1	1.5	1.6	1.6	1.7	1.6	1.6	1.0	1.0	1.4	1.2	1.1	1.0	1.6	1.0	1.5	1.6	1.3	1.3	1.1	0.9	1.0	1.1	1.0	1.0	1.0	1.7	10	0.9	26
CALICO ROCK	19	-	1.5	1.3	0.1	1.4	1.2	1.2	1.6	1.5	1.1	0.6	1.6	1.3	1.1	0.9	1.0	1.0	1.0	1.1	1.2	1.1	1.0	1.1	0.8	0.2	0.8	0.7	0.8	0.7			-		-	
BATESVILLE L & D #1	23	6.0	6.0	6.0	5.8	4.8	6.0	6.0	5.9	6.0	6.2	6.0	5.1	6.1	6.0	5.8	5.9	6.0	5.8	4.7	5.9	6.2	6.0	6.0	6.0	5.1	4.7	5.8	5.9	5.8	5.8	6.1	6.2	10	4.7	19
NEWPORT	26	0.9	0.8	0.7	0.7	0.6	0.1	0.6	0.7	0.6	0.7	0.9	0.6	0.3	0.7	0.6	0.5	0.5	0.6	0.4	0.1	0.4	0.7	0.6	0.6	0.6	0.4	0.0	0.4	0.4	0.4	1.0	1.0	31	0.0	27
GEORGETOWN	21	0.5	0.6	0.6	0.6	0.6	0.6	0.4	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.2	0.0	0.0	0.0	0.6	2	0.0	29
CLARENDON	26	8.4	8.3	8.2	8.2	8.2	8.2	8.1	8.0	8.0	8.0	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.8	7.8	7.6	7.6	7.6	7.8	7.8	7.8	7.7	7.6	7.6	8.4	1	7.6	30
PETIT JEAN																																				
DANVILLE	20	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.6	2.6	2.6	2.6	2.6	3.4	2.9	2.7	2.6	2.6	2.6	2.8	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.4	14	2.5	25
ARKANSAS																																				
VAN BUREN	22	5.2	5.5	5.4	5.3	5.0	4.8	4.6	5.0	5.1	4.9	4.6	4.6	4.4	4.2	4.7	5.0	5.1	5.0	4.5	4.2	4.6	4.8	4.8	4.9	4.9	4.8	4.5	4.2	4.8	4.8	4.7	5.5	2	4.2	28
OZARK	22	1.2	1.5	1.6	1.7	1.6	1.5	1.3	1.1	1.3	1.4	1.3	1.1	1.0	0.9	0.7	1.0	1.0	1.2	1.4	1.2	1.0	0.8	0.8	0.7	1.0	1.6	1.1	1.0	0.8	-	1.0	1.7	4	0.7	24
DARDANELLE	22	2.6	2.5	2.8	3.0	3.0	2.9	2.7	2.4	2.2	2.6	2.6	2.4	2.3	2.2	2.0	2.0	2.4	2.5	2.6	2.6	2.4	2.2	2.0	2.2	2.3	2.4	2.4	2.8	2.0	1.9	2.3	3.0	4	1.9	30
MORRILTON	20	7.7	7.4	7.3	7.6	7.7	7.8	7.6	7.6	7.4	7.2	7.2	7.4	7.2	7.2	7.0	6.9	6.8	7.0	7.2	7.3	7.4	7.2	6.9	6.7	6.8	7.0	7.2	7.2	7.1	6.9	6.8	7.8	6	6.7	24
LITTLE ROCK WB AP	23	1.2	0.9	0.8	0.8	0.9	1.1	1.0	0.9	0.8	0.6	0.5	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.6	0.7	0.7	0.7	0.6	0.4	0.3	0.4	0.4	0.6	0.6	0.5	0.4	1.2	1	0.3	18
PINE BLUFF	25	2.4	2.2	2.0	1.8	1.8	2.0	2.2	2.1	2.0	1.8	1.6	1.6	1.7	1.7	1.5	1.4	1.4	1.3	1.2	1.1	1.6	1.7	1.6	1.4	1.2	1.0	1.2	1.3	1.4	1.4	1.4	2.4	1	1.0	26
CADDO																																				
GLENWOOD	10	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	17	3.2	1
SALINE																																				
BENTON	20	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.1	3.1	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.3	3.3	3.3	3.3	3.4	3.7	3.7	31	2.8	1
LITTLE MISSOURI																																				
BOUGHTON	20	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.9	4.0	4.1	4.2	4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.9	4.9	31	3.6	6
OUACHITA																																				
ARKADELPHIA	17	3.0	3.2	3.3	3.2	3.1	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.2	3.2	3.2	3.3	3.2	3.2	3.1	3.1	3.2	3.2	3.2	3.3	3.4	3.4	31	3.0	1
CAMDEN	26	3.7	3.7	3.7	3.7	3.8	3.9	3.9	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	4.2	4.2	4.2	4.1	4.0	4.0	4.0	3.9	-		-	
LITTLE																																				
WHITECLIFFS	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
RED																																				
FULTON	25	7.1	6.4	5.8	5.6	6.0	.2	6.3	6.3	6.0	5.9	5.7	6.1	6.3	6.5	6.5	6.2	5.8	5.6	6.0	6.8	7.0	7.2	7.0	6.3	6.1	6.4	6.7	6.8	6.7	6.4	6.4	7.2	22	5.6	18
ST. FRANCIS																																				
ST. FRANCIS	18	3.2	3.9	4.1	3.8	3.1	2.5	2.1	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	4.1	3	1.8	28
ST. FRANCIS LAKE	30	18.9	19.1	19.3	19.3	18.6	18.0	18.6	18.0	17.5	16.9	16.2	15.1	14.0	15.9	16.8	17.4	18.0	18.5	18.8	19.0	19.1	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	3	14.0	13
MARKED TREE	17	1.0	0.9	0.9	0.8	0.8	3.8	1.3	3.5	3.5	3.6	3.6	3.3	3.0	1.2	0.8	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	3.8	6	0.6	19
PARKIN	28	1.9	1.7	1.7	1.6	1.6	2.8	2.6	2.8	2.8	3.6	3.6	3.5	3.4	3.2	2.7	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	3.6	10	1.4	22
MADISON	32	-0.7	-0.7	-0.8	-0.9	-0.9	-0.9	-0.0	0.7	0.7	0.8	1.2	1.6	-	1.0	0.8	0.9	0.7	0.5	0.5	0.5	0.6	0.6	0.3	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.1	1.6	12	-0.9	4
MISSISSIPPI																																				
HELENA	44	5.2	4.8	4.3	3.5	3.2	3.1	3.3	3.8	3.9	3.7	3.4	3.4	3.3	3.2	3.6	4.2	4.4	4.1	3.6	3.3	3.8	4.3	4.9	5.1	4.7	4.4	4.3	4.2	4.1	3.8	3.6	5.2	1	3.1	6
ARKANSAS CITY	42	4.3	4.3	4.1	3.6	2.9	2.5	2.3	2.2	2.6	2.8	2.7	2.4	2.2	2.2	2.2	2.4	2.9	3.2	3.0	2.5	2.2	2.4	3.0	3.6	3.8	3.6	3.2	3.1	3.0	2.8	2.6	4.3	1	2.2	14

The following reference notes apply only to Table 7 - Daily River Stages:
Readings are made at approximately 7 a.m. (Local time). They are provisional and subject to corrections. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a	Obstructed by rough ice.
b	Frozen but open at gage.
c	Upper surface of smooth ice.
d	Ice gorge above gage
e	Ice gorge below gage
f	Shore ice.
g	Floating ice.
h	Pool stage.
i	Dry at gage.
j	Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	3
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MIO		22		BEN R. BUSH	3 4
ALPINE	0118	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	3
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY	0136	YELL	OUACHITA	34 47	93 29	850	C		MIO		6		MRS. ELVIA LAMB	3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EOWAROS	3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MIO		8		JOHN A. JONES	3 4
ARKADELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	OESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	3 7
ASHOOWN	0286	LITTLE RIVER	REO	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARO	REO	34 19	93 58	960	C		7A		0		ARRA O. PARKER	3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MIO		3		MISS EFFIE PERRY	3 4
AUGUSTA	0326	WOOORUFF	WHITE	35 17	91 22	218	C		7A		13		OAVIO G. GRIFFITHS	3 4
BATESVILLE AIRWAY	0456	INOEPENOENCE	WHITE	35 46	91 39	363	C	MIO	MIO	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INOEPENOENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & O 1	0460	INOEPENOENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUOOLESTON	3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MIO		2		SOIL CONSER. SERVICE	3 4
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. AOAMSON	3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MIO		5		JR. AG. COLLEGE	3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMONO	3
BEEOEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIOGE	3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MIO		5		LUCILLE R. MC WETHY	3 4
BETHESOA	0644	INOEPENOENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	SOIL CONSER. SERVICE	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	3
BIQ LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. OOUGLAS	3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	3 7
BLUE MOUNTAIN OAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MIO		8		CORPS OF ENGINEERS	3 4
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAE BUROOCK	2 3 4 5
BOONEVILLE	0830	LOGAN	ARKANSAS	35 09	93 55	511	C		6A		7		CLEO E. YANDELL	3
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MIO		3		THOMAS M. PEARSON	3 4
BOUGHTON	0848	NEVAOA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	3 7
BRAOFORD	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HICKMON	3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS OAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MIO		1		CORPS OF ENGINEERS	3 4
BUROETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		G. A. HALE	3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P				B. M. WALTHER	3
CALICO ROCK	1132	IZARO	WHITE	36 08	92 08	380	C		7A		43		MRS. M. R. BIGGERS	3 7
CAMOEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		JOHN M. KNIGHT	2 3 5 7
CAMDEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MIO				EOITH Z. LEHMAN	3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONEY OELL HORTON	3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	3
CARPENTER OAM	1238	GARLANO	OUACHITA	34 27	93 01	-	C		MIO		8		ARK. P. & L. CO.	3 4
CLARENOON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MIO		8		THOMAS L. SMITH	3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		EARL B. RIOOICK	3
COLD SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	3
COMBS	1574	MAOISON	WHITE	35 50	93 50	1400	C		MIO		8		ROSA J. COMBS	3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MIO		5		WILLIAM L. BINAM	3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNINQ	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPAOOEN	3 7
COVE	1666	POLK	REO	34 26	94 25	1050	C		7A				WILLIAM M. RAYMONO	3
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIROA BYRO	3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
OAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MIO		6		ROBERT T. TEOOER	3 4
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		J. A. MOUOY	3 7
DAROANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		GEORGE N. GOOOLER	2 3 5 7
DE QUEEN	1948	SEVIER	REO	34 02	94 21	426	C	6P	6P	14	14		L. O. MC COWN	2 3 5
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MIO		6		CLARENCE E. COLLINS	3 4
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRAOLEY	2 3 5
DUMAS 1	2148	OESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JOHNSON	2 3 5
OUMAS 2	2150	OESHA	MISSISSIPPI	33 53	91 30	-	C		MIO		5		BETTY R. HOLMES	3 4
OURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	•C		MIO		8		ANNIE A. WHITE	3 4
EAGLE QAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	3
EL DORADO	2300	UNION	OUACHITA	33 13	92 40	278	C	7A	7A	47	47		AYLMER H. MC BRIOE	2 3 5
ELKINS	2315	WASHINGTON	WHITE			1364	C	6	6	0	0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOALOS	2 3 5
EVENINQ SHAOE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	3
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORO	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FOROYCE	2540	OALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2544	LITTLE RIVER	REO	33 43	94 24	400	C		MID		8		LESLIE P. CALLONS	3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7A		7		A. L. MC CRAW	3
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MIO		8		THOMAS A. MOORE	3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MIO	MID	66	66		U. S. WEATHER BUREAU	2 3 4 5
FORT SMITH WTR PLNT	2578	CRAWFORO	ARKANSAS	35 39	94 09	793	C		7A		10		R. J. SCHOEPPE	3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. OENSON	3

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A		62		INA J. LOGAN	3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. O. DENNEY	3
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	1325	C	7A	7A	22	22		PAUL M. JORDAN	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	3
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBED B. WILSON	3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. D. CANTRELL	3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBS	3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A				BILL S. WATSON	3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN D. MAY	3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 4 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MID		6		WAYNE STARK	3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULDIN	3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIDAY	3
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MADISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKELY	3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A				CORPS OF ENGINEERS	3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A				MRS. LETTIE D. DAVIS	3
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C	7P	7P				R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		5		CLAUDIE W. HUNTER	3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MID		3		CECIL E. MABERRY	3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. JONES	3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSEY	3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID				L. R. WATER WORKS	3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A				ED ANSEL	3
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A				CATH. T. RUSSELL	3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHARDT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52		JODIE W. MC MULLEN	3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		CHARLES WALTON	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. D. LOWRIE	3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NADINE F. DAVENPORT	3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	DREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	3 4
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		CORPS OF ENGINEERS	3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA 1	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA 2	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MID		4		JOHN WALLBRITTON	3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. D. WORTHINGTON	3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	3
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		ERNEST J. BABBITT	3 4
NASHVILLE	5112	HOWARD	RED	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		SOIL CONSER. SERVICE	3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		CORPS OF ENGINEERS	2 3 4 5 6
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		CORPS OF ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		20		U. S. FOREST SERVICE	3
OKAY	5376	HOWARD	RED	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 4[illegible]	500	C		8A		4		GUY COOK	3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULD	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KDRS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF CAA	5756	JEFFERSON	ARKANSAS	34 10	91 56	215	C	MID	MID				CAA	3 4
PINE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

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							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	5908	NEVADA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
PRESCOTT S C S	5910	NEVADA	OUACHITA	33 48	93 23	-	C		MID		7		W. L. MC LEAN	3 4
PYATT	5970	MARION	WHITE	36 16	92 51	800	C		MID		6		ONA V. MC LEAN	3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35 18	93 53	463	C		7A		3		LULA MAE WEEKS	3
RAVANA	6016	MILLER	RED	33 04	94 02	250	C		MID		8		ARNICE O. TAYLO	3 4
RED STAR	6078	MADISON	WHITE	35 51	93 31	2250	C		7A		5		ORVAL F. CALLOWAY	CLOSED 10/4/48
REMMEL DAM	6102	HOT SPRING	OUACHITA	34 26	92 54	-	C		MID		8		ARK. P. & L. CO.	3 4
RISON	6174	CLEVELAND	OUACHITA	33 48	92 11	231	C		8A		32		J. H. YANEY	3
ROCKHOUSE	6214	MADISON	WHITE	36 17	93 40	1214	C		7A		2		CLAUDE D. SISCO	3
ROGERS	6248	BENTON	WHITE	36 18	94 02	1387.	C	6P	6P	57	57		HOWARD FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5 6
SAINT CHARLES	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36 27	90 08	300	C		7A		20		WILLIAM S. BUCKLEY	3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS				C		7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR O. SMITH	2 3 5
SHERIDAN	6566	GRANT	OUACHITA	34 27	92 21	290	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35 38	92 17	600	C		6P		8		MAUD H. BRADFORD	3
SILOAM SPRINGS	6624	BENTON	WHITE	36 11	94 33	1150	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36 05	91 18	450	C		MIO		2		NORA F. RUDY	3 4
STAR CITY	6820	LINCOLN	OUACHITA	33 57	91 50	250	C		2P		5		R. A. GOYEN	3
STEVE	6856	YELL	ARKANSAS	34 53	93 19	682	C		7A		4		T. P. SIMS	3
STORY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C		7A		23		S. C. STORY	3
STUTTGART	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	60	60		GEORGE L. CLARK	2 3 5
STUTTGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35 04	93 48	500	C		9A		8		O. R. FENNELL	3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35 29	91 58	300	C		7A		3		SANTFRED REYNOLDS	3
TAYLOR	7038	COLUMBIA	RED	33 06	93 27	247	C		6P		5		YANCY M. NORWOOD	3
TEXARKANA WB AIRPORT	7048	MILLER	RED	33 27	94 00	368	C	MID	MID	63	63		U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33 38	92 21	170	C		7A		5		HENRY S. SPEER	3
TURNPIKE	7262	POPE	ARKANSAS	35 40	93 05	2087	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORD	ARKANSAS	35 26	94 21		C						BEN CORNELUS	7
VICK	7420	BRADLEY	OUACHITA	33 19	92 09	115	C		6P		6		WILLARD K. SHARP	3
VIOLA	7450	FULTON	WHITE	36 24	91 59	692	C		7A		7		A. F. KING	3
WALDRON	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM O. BIVENS	2 3 4 5
WALNUT GROVE	7524	INDEPENDENCE	WHITE	35 51	91 21	250	C		6P		7		A. H. FAST	3
WARREN	7582	BRADLEY	OUACHITA	33 36	92 04	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150	C		MID		3		HARRY E. BIRKINSHA	3 4
WEST FORK	7694	WASHINGTON	WHITE	35 55	94 11	1340	C		MIO		8		MRS. N. C. THRELKELD	3 4
WHEELING	7744	FULTON	WHITE	36 19	91 52	680	C		MID		8		THOMAS W. CONE	3 4
WHITECLIFFS	7812	LITTLE RIVER	RED	33 48	94 03	290	C		7A				L. M. SNEAO	3 7
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	11	11		U. S. FOREST SERVICE	2 3 5
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		O. O. ANDERSON	2 3 5
WINFREY	7936	CRAWFORD	ARKANSAS	35 44	94 06	1152	C		MID		8		CLYOE F. MEADORS	3 4
WING	7950	YELL	ARKANSAS	34 57	93 28	350	C		MID		5		MILES B. TURNER	3 4
WYNNE	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
YELLVILLE	8084	MARION	WHITE	36 13	92 41	900	C		7A		3		L. E. JOHNSON	3
NATHAN 4 MI. N.W.	5158	HOWARD	OUACHITA	34 07	93 52	550	C		7A		0		EDNA J. WESTFALL	3
PARTHENON	5602	NEWTON	ARKANSAS	35 57	93 15	925	C		MID		8		ARTHUR B. CARLTON	3 4
BLUFF CITY	0800	NEVADA	OUACHITA	33 41	93 09	360	C		7A		-		R. P. PLYLER	3
JESSIEVILLE	3704	GARLAND	OUACHITA	33 42	93 04	730	C		7A		9		MRS. VELMA R. DUNN	3
SPARKMAN	6768	DALLAS	OUACHITA	33 55	92 48	260	C		6P		5		MRS. RACHEL M.BUTLER	3
MOUNT MAGAZINE		LOGAN	ARKANSAS	35 10	93 41	2800	C	7P	7P	0	0		U.S. FOREST SERVICE	2 3 5
BUFFALO TOWER	1010	NEWTON		33 52	93 30		C		7A				MISS BEULAH FRIEND	3

REFERENCE NOTES

The four digit idnetification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

When hourly precipitation is accumulated over a period of 3 or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.

-	No record.
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
AR	This entry in time of observation column in Station Index means "after rain".
B	Adjusted to a full month.
E	Water-equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
T	Trace, an amount too small to measure.
Z	Hourly amounts from recording gage at the same site may be found in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi - West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; $1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room 9, U. S. Court House, Fort Worth 2, Texas.

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CLIMATOLOGICAL DATA

ARKANSAS

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NOVEMBER 1948

Volume LIII No. 11

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ARKANSAS NOVEMBER 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

The movement of Pressure Systems was greatly accelerated during the month, with the weight of the cooling air moving southward from the northern portions of the continent. Numerous LOWS passed either over Arkansas, or adjacent states, giving rapid weather changes, and the usual features of such changes.

November, 1948 was the 9th wettest November of record (58 years); tied with 1947 for the greatest number of raining days tied with 1927 for the 3rd heaviest montly snowfall.

Numerous thunderstorms were reported during the month, with considerable damage being reported on the 4th and 5th, and again on the 18th. Damage is estimated at $130,000.00 for the general thunderstorms of the 4th and 5th, and $10,000 for the thunderstorms over Columbia County on the 18th.

The storm damage of the 4th and 5th is distributed as follows: $30,000 damage to planes and hangars at Searcy; $60,000 hail and wind damage to homes, business houses, greenhouses, and vulnerable personal property at Arkadelphia; the remaining $40,000 damage was scattered over the State, and consisted of broken windows, damaged roofs, and utility damage.

Harvest of the few remaining crops in the fields was delayed slightly by the numerous rains, but no serious loss was reported. Generally, the 1949 crop-year was given a great boost by the storage of sub-soil moisture from the unusually heavy rains of the month, especially over the Alluvial sections.

Due to the fact that the soil was relatively dry, and also the rains being well distributed over the month, no floods in the main rivers of the State were reported.

TEMPERATURE

The November, 1948 average temperature was just about normal with 50.9°, as compared with the 58-year average of 51.3°. There were no radical extremes during the month, and the highest daily temperature reported was 85° at Portland on the 5th; Lead Hill reported the lowest with 13° on the 23rd. Portland also reported the highest average for the month, with 56.3°. Mammoth Spring continues to report the lowest monthly average with 45.8°.

PRECIPITATION

November, 1948, average precipitation was 1.90 inches above the 58-year average, with 5.78 inches. Even with this excess for the State as a whole, about one-fourth of the State was considerably below the 58-year average. The driest counties were the two western tiers of counties extending from Benton and Carroll Counties, southward to Montgomery and Polk Counties.

The least November fall was 0.30 inch reported by Clarksville in Johnson County; the greatest was 12.72 inches at Hampton in Calhoun County. The Alluvial sections of the State received the bulk of the rain, and the southwest portion of the State was the center of this more than double the average rainfall. The greatest 24-hour fall was 4.34 at Boughton on the 2nd.

The average number of days with measureable precipitation was eleven for this November. This figure ties with the 1927 record for first place. Many stations reported they had measurable precipitation on more than half the days of the month.

The first general snowstorm of the winter occurred on the 28th and gave most of the northern half of the State some snow. Marshall reported the heaviest single fall with 7 inches on the 28th; and the greatest monthly total, with 9 inches. The relatively high temperatures at the end of the month finished off the snow rather quickly.

There were 40 reports of sleet on 9 different days; no damage reported. Hail was reported on 7 different days for a total of 27 instances. No crop damage was reported due to season, but considerable other damage was reported on the 4th-5th, as noted in the General Summary.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nation-wide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

STATIONS	SEA LEVEL PRESSURE EXTREMES—INCHES				WIND				RELATIVE HUMIDITY AVERAGES				SUNSHINE	DEGREE DAYS 65° BASE
	HIGHEST	DATE	LOWEST	DATE	AVERAGE SPEED M.P.H.	MAXIMUM SPEED M.P.H.	DIRECTION	DATE	1:30A EST	7:30A EST	1:30P EST	7:30P EST	PERCENT OF POSSIBLE	
FORT SMITH WB AP	30.32	13	29.30	4	8.7	33	W	19	76	81	58	55	54	444
LITTLE ROCK WB AP	30.37	11	29.41	4	8.3	30	SE	1	81	84	64	70	52	387
TEXARKANA WB AP	30.34	13	29.41	4	-	34	W	19	75	86	57	60	-	354

TABLE 1
COMPARATIVE DATA

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1891	49.7	87	10	5.56	-	8
1892	49.9	79	20	5.83	1.2	9
1893	49.3	84	10	4.21	0.0	5
1894	50.4	81	12	1.12	T.	2
1895	49.9	82	16	4.82	0.1	6
1896	52.8	88	8	4.34	0.1	7
1897	51.6	88	15	2.82	T.	6
1898	47.5	87	9	3.20	T.	4
1899	54.3	87	17	2.61	T.	6
1900	51.4	90	18	4.28	T.	6
1901	50.5	88	15	2.99	0.0	5
1902	56.5	90	18	6.66	T.	9
1903	47.6	89	2	0.64	0.1	3
1904	51.4	89	17	1.38	T.	3
1905	53.2	88	9	3.28	T.	5
1906	50.2	88	13	5.90	0.1	6
1907	49.0	84	10	5.71	T.	6
1908	53.8	88	5	5.40	T.	8
1909	59.3	90	16	3.75	0.0	7
1910	51.5	85	17	0.47	0.0	3
1911	46.8	86	5	3.18	0.2	7
1912	50.5	89	13	1.66	T.	2
1913	57.6	85	20	2.47	0.0	5
1914	52.6	88	11	2.32	T.	4
1915	54.8	88	17	5.40	0.1	6
1916	52.1	87	10	2.95	T.	5
1917	50.7	85	11	1.96	T.	4
1918	49.7	88	18	3.91	0.1	6
1919	51.4	86	14	6.27	T.	7
1920	47.8	89	10	1.95	T.	5

YEAR	TEMPERATURE			PRECIPITATION		
	MEAN	HIGHEST	LOWEST	AVERAGE	AVERAGE SNOWFALL	DAYS WITH .01 OR MORE
1921	54.9	88	17	5.53	T.	7
1922	52.9	88	20	3.89	0.0	6
1923	50.8	81	21	3.34	0.3	6
1924	53.4	88	15	2.36	T.	4
1925	50.4	89	15	5.67	T.	8
1926	47.2	81	10	3.33	0.7	6
1927	56.7	96	20	3.67	0.1	6
1928	50.2	82	13	4.25	T.	8
1929	46.1	85	7	2.61	2.3	8
1930	50.5	87	16	4.15	T.	7
1931	57.6	88	18	6.34	T.	9
1932	46.7	82	9	1.98	0.1	6
1933	53.0	85	20	1.86	T.	4
1934	54.0	88	20	6.89	0.6	9
1935	49.8	89	16	3.81	T.	9
1936	48.5	87	12	3.00	0.2	5
1937	48.3	90	6	4.99	0.5	8
1938	50.7	89	8	5.26	0.1	5
1939	48.8	87	14	3.39	T.	7
1940	49.3	82	3	5.93	T.	9
1941	49.9	87	18	2.31	T.	6
1942	54.5	88	18	3.83	T.	8
1943	49.7	88	15	1.10	T.	3
1944	52.7	87	17	4.70	0.1	7
1945	53.5	88	14	3.97	T.	8
1946	53.6	85	17	9.09	0.0	10
1947	47.7	82	17	5.06	T.	11
1948	50.9	85	13	5.78	0.7	11
PERIOD	51.3	96	2	3.88	0.1	6

Table 2

CLIMATOLOGICAL DATA

	Temperature								Precipitation									
							No. of Days						Snow, Sleet, Hail			No. of Days		
Station	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
ALUM FORK	52.3M	0.8	76	16	27	30			6.97	1.70	1.30	2	.0			11	8	2
ARKADELPHIA	50.6M	- 2.6	78	4	24	30			8.12	4.27	1.70	5+	.0			13	6	3
ASHDOWN	50.4		82	4	25	9	0	10	3.90		1.49	15	.0			9	4	2
BATESVILLE AIRWAY	50.6	1.5	76	4	25	30	0	8	6.13		1.69	18	.T			13	7	1
BATESVILLE LIVESTOCK	49.2		75	5+	21	23	0	14	3.35		.72	19	.T			14	5	0
BEE BRANCH	50.6	- 0.1	75	4	24	30	0	10	6.06	2.53	1.53	19	.T			11		
BENTON	49.7	- 0.6	76	4+	20	29	0	13	8.84		2.43	4+	.0			14	9	3
BENTONVILLE	46.1	- 1.9	81	1	14	29	0	17	3.03	- 0.25	.79	1	5.5	5	28	12	4	0
BETHESDA	48.4		78	17	19	30	0	17	4.93		1.64	2	.T			9	7	1
BLYTHEVILLE	51.5	1.3	80	5	20	25	0	5	7.68	4.32	1.60	19	.0			14	7	3
BRINKLEY //	54.[illegible]M	2.5																
CAMP CHAFFEE	51.3		84	1	18	23	0	9	1.02		.34	29	.T			8		0
CONWAY	52.2	0.4	78	4	24	30	0	7	6.89	2.87	1.58	1	.0			13	9	2
CORNING	50.3	1.7	79	5	25	30	0	7	6.60	3.11	1.58	19	1.0	T	29	15	7	2
CROSSETT	54.7	0.9	83	12	23	30	0	9	8.67	4.46	2.25	15	.0			15		3
CUMMINS FARM	51.7		79	4	25	30	0	7	8.80		2.10	16	.0			11	10	4
DARDANELLE	49.4	- 2.3	78	5+	24	30	0	13	3.18	- 0.30	1.08	2	.0			9	5	1
DE QUEEN	51.6	- 1.0	81	4	24	29+	0	10	3.26	- 0.84	1.42	16	.0			6	4	1
DES ARC	51.0		76	5	26	29+	0	7	7.10		1.96	5	.0			11	9	1
DEVILS KNOB	50.8M																	
DUMAS 1	53.3	- 0.2	82	4	27	30	0	3	10.60	6.37	2.72	16	.0			13	11	4
EL DORADO	54.2M	- 0.9	83	1+	27	30	0	5	7.93	3.15	1.85	16	.T			14	7	4
EUREKA SPRINGS	50.0	0.1	76	4	21	23+	0	7	2.67	- 0.56	.78	2+	4.0	T	28	6	4	0
FAYETTEVILLE	49.4		77	4	19	23+	0	11	2.11		.66	28	3.0	2	28	10	4	0
FAYETTEVILLE EX	49.[illegible]	0.4	76	4	17	29	0	11	2.47	- 0.58	1.02	2	.7	T	19+	9	4	1
FORDYCE	55.1	1.7	83	4	30	10+	0	4	9.18	5.17	3.00	16	.0			12	10	2
FORT SMITH WB AIRPORT	50.4	- 0.6	82	4	19	23	0	10	1.04	- 1.83	.33	28	.T			7	2	0
GILBERT	47.0		80	1	16	23+	0	20	3.41	0.52	1.11	2	.T	T	29	12	4	1
GRANNIS	48.7	- 2.2	79	4	26	19	0	10	2.62	- 2.07	1.14	16	.T			9	4	1
GRAVETTE	48.8	0.3	78	4	14	29	0	12	3.79	0.61	2.57	1	3.0			5	3	1
GREEN MOUNTAIN	46.7M		71	15	20	29	0	11	4.58				2.5			7		
HARRISON	49.2	0.8	78	7	15	29	0	18	3.57	0.84	1.80	1	3.0	3	28	5	4	1
HARRISON CAA	47.5		77	4	18	23+	0	16	4.39		2.53	1	3.5	3	28	8	4	1
HELENA	52.2	- 0.5	79	5	30	30	0	2	8.99	4.45	1.90	19	.0			15	9	2
HOPE	51.3	- 1.9	80	4+	26	30	0	6	7.70	3.15	1.90	16	.0			12	8	3
HOT SPRINGS	53.4	- 0.4	78	3	30	29	0	3	4.05	- 0.27	.96	16	.T			9	6	0
JONESBORO	50.2	- 1.7	79	4	27	29+	0	4	8.20	4.84	3.72	5	.T	T	29+	16	7	2
KEO	53.1		77	3	27	30	0	5	8.48		1.83	5	.0			13	9	2
LEAD HILL	47.5M	0.0	77	4	13	23	0	17	4.87	1.49	2.00	1	.1	T	28+	6	6	2
LITTLE ROCK WB AP	52.5	0.4	76	3+	30	30	0	3	7.99	3.81	2.03	4	.T			13	11	2
LUTHERVILLE	51.4	0.6	78	4	24	23+	0	8	3.27	- 0.32	.61	9	.T			9	6	0
MAGNOLIA	55.8	0.8	83	3	28	29	0	4	10.96	6.33	3.45	16	.0			13	11	4
MALVERN	51.9M		77	4+	26	30	0	5	8.01		1.99	5	.0			13	7	3
MAMMOTH SPRING	45.8	- 2.5	78	1+	19	30	0	22	5.85	2.45	1.71	19	.T			11		2
MARIANNA					25	30		6	6.23	2.86	1.78	19	.0			14	8	1
MARKED TREE	50.[illegible]	1.8	80	5	27	30	0	7	4.33	0.25	1.18	19	.0			11	6	1
MARSHALL	50.4	- 0.1	78	1	15	29	0	12	5.91	2.32	2.20	5	9.0	4	28	10		2
MENA	52.3	0.4	80	4	24	29	0	7	2.82	- 0.75	.62	2	.T	T	09	11	6	0
MONTICELLO	53.8		79	4	29	30	0	3	8.72		2.34	21	.0			10	9	3
MORRILTON	50.6	- 0.1	78	5	27	30	0	7	5.55	1.68	1.45	19	.T			11	8	2
MOUNT IDA 1	50.7	0.6	78	3+	17	30	0	11	4.10	- 0.05	1.20	9	.0			7	5	1
MOUNT MAGAZINE	47.3		67	4	21	29	0	9	2.84		.67	1	5.0	4	28	8	5	0
MOUNTAIN HOME	48.9	0.3	76	4+	20	23+	0	15	5.00	1.83	1.70	2	7.0	3	28	10		1
NASHVILLE	51.2M		81	5	25	29+	0	9	4.50		1.34	16	.0			13	7	1
NEWPORT	51.3	0.4	77	4	26	30	0	5	7.90	3.81	3.60	5	.T			16	9	1
NIMROD DAM	49.7		76	1+	22	30	0	14	3.89		1.25	2	.[illegible]			11	7	1
NORFORK DAM	48.6		79	1	20	23+	0	17	5.93		2.20	2	.0			10	7	1
ODEN	48.6M																	
OKAY	54.0	0.7	82	4	24	30	0	10	4.13	- 0.23	1.56	16	.0			10	4	2
OZARK	48.4	- 2.7	80	5	23	23+	0	11	1.74	- 1.34	.38	28	.0			7	5	0
PARAGOULD	50.6		80	4	26	30	0	8	7.67	4.36	2.97	5	.T			15	7	2
PERRYVILLE	50.0	- 0.1	78	16	20	28+	0	7	5.93	2.33	1.50	2	.T			10		
PINE BLUFF	54.6	1.3	75	4+	29	29+	0	2	8.74	4.56	1.67	19	.0			15	10	4
PINE BLUFF CAA	52.9		79	4	28	29+	0	4	8.57		2.16	18	.0			11	9	4
POCAHONTAS 1	50.2	0.2	77	4	22	30	0	14	7.28	3.71	1.63	19	.2	T	28	13	8	3
PORTLAND	56.3	2.1	85	5	26	30	0	7	8.66	4.51			.0			14		
PRESCOTT	51.0	- 2.9	78	4+	25	30	0	5	7.62	3.91	1.62	16	.0			13	9	3
ROGERS	49.0	0.3	79	4	17	30	0	14	2.71	- 0.32	1.09	2	5.5	5	28	7	3	1
RUSSELLVILLE	52.1	2.0	78	16	23	30	0	9	3.44	- 0.33	.95	1	.0			9	6	0
SAINT CHARLES	52.1		80	4	27	30	0	6	7.21		1.77	16+	.0			12	7	3
SEARCY	52.0	1.1	78	4	26	30	0	8	8.56	4.26	3.70	5	.0			15	10	1
SHERIDAN	52.2M		76	4+	25	23	0		9.29		2.25	5	.T			12		
SILOAM SPRINGS	49.2		79	4	18	23+	0	11	4.67		3.11	1	.8	T	19+	8	3	1
STUTTGART	50.6	- 1.8	78	4	[illegible]	28+	0	4	8.93	4.84			.0			13		
STUTTGART 9ESE	51.5M	0.6	75	5	28	30	0	5	7.16	2.62	1.45	19	.0			14	8	4
SUBIACO	51.4	- 0.6	78	4	24	23	0	8	2.81	- 0.36	.78	5	.T			7	6	0
TEXARKANA WB AIRPORT /	53.7	- 1.5	82	4	29	29+	0	1	4.07	0.40	1.08	16	.0			11	6	1
TURNPIKE	48.6		75	4	22	29	0	8	5.79	1.70	1.42	5	2.5	1	28	10	7	3
WALDRON	51.4		80	3+	19	[illegible]	0	14	2.83	- 0.72	1.15	1	.T			6	5	1
WARREN	56.3	2.4	82	8	[illegible]	30	0	2	10.95	6.79	2.80	16	.0			13	8	4
WHITE ROCK	48.7M		72	4	[illegible]	[illegible]	0	10	3.91		1.29	1	.7	T	28+	10	6	1
WYNNE	52.7M	1.5	79	4	[illegible]	29+	0	5	4.98	1.18	.69	18	.0			14	10	0
STATE	50.9	- 0.4							5.78	1.90								

See reference notes following Station Index.

Table 3

DAILY PRECIPITATION

ARKANSAS
NOVEMBER 1948

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ABBOTT			.40			.24				.15	.12		.35														T		.38	.16			1.80
ALICIA	R	.52	.10																											-	-		-
ALPINE		1.83	.28			.60				*	.49		.45				1.33	T		.40		*	.21				.05	T	*	.45			6.09
ALUM FORK	Z		1.30	.90		.43				.65			.50				1.10		.90			.11					.07	T	.92	.09			6.97
ALY	R	1.25			.25					.65		.05	.39	.03	.22		.45										.08	[illegible]	.40				3.85
ANTOINE		.36	1.02			1.03				.45			.34		.17		1.84			.43			.25						*	.30			6.19
APLIN			1.00				.36			.20	.69		.42	.11			.28			.24								.04	.36	.52			4.72
APPLETON	R	2.41			.35					.65			.40				.13		.30							.03	.55	.12	.24				5.18
ARKADELPHIA	Z	.18	1.40	T		1.70				.22	.32		.28	.14			1.70	.06	.01	.97		T	.53						.49	.12			8.12
ARKANSAS CITY		.03	.70			1.15	.02				.25		.11	.28	T		1.13	.58	.28	2.53			.56	.02			1.03	.20	.53		.14		9.54
ASHDOWN		T			1.12				.20			.45	.21		T	1.49	T		.06			.08					.02	.27					3.90
ATHENS		T	.35							.15	.83		.22	T			1.35			.50							.10						3.50
AUGUSTA	Z	.03	.72	.03		2.68	.04			.05	.60			.06			.36	.08		1.17			.93					.03	.40	.20			7.38
BATESVILLE AIRWAY		.99	.19		.63	.17				.70			.29			.05	.19		1.69			.15					.34	.16	.58				6.13
BATESVILLE LVSTK				.02		.40				.03	.65		.33	.02			.23	.05		.72			.10				.07	.03	.03	.67			3.35
BATESVILLE L D 1	Z	.14	1.10			.80				.06	.60		.32	.03			.08	.10		1.60			.14				.29	.05	.30	.42			6.03
BEAR CREEK LAKE	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.53		1.70			.79											-
BEATY LAKE			.80	T		.37				.36	.11		*	.33			.62		.52	1.03		.34	.14				T		.55	.08			5.25
BEAVER		.03	.83	.02	T	T	.02			.35	.03		T	.02			T			T	T	.08							.36	.28			2.02
BEE BRANCH		T	1.20			.56				.82			.34			*	.73		*	1.53		.07					.17		.64				6.06
BEEBE	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.64			.79						.30	.48				-
BEECH GROVE		.02	.45	.35		1.92	.02				.64		.30	.04	T		.10	*	*	1.75		1.50	.50				.50	.36		.56			9.01
BEEDEVILLE			2.78			2.19				.55		.27	T				.42		*	.93		.74	*				T		1.00	T			8.88
BENTON		.14	1.08	T		2.43				.19	.63		.33	.21			1.40	.18	T	.45		T	.49					.06	.42	.83			8.84
BENTONVILLE		.79	.68	.02	.08	.04				.39			*	.11			.04			.02	T	.10							.76				3.03
BERRYVILLE	R	.87	.13		.12					.37			.07				.03	.22	.05										.63				2.49
BETHESDA			1.64			.36				T	.68		.30							.86				.10			.07			.33	.59		4.93
BIG FLAT		.89	2.02	.23		.35				.29	.57		.20				.18			.42	T						.05		T	.71			5.91
BIG FORK						.50				.80		.40					.60										1.10	-	-	-	-		-
BIG LAKE OUTLET		.09	.65	.44		1.13	T			.01	.55		.16	.06			.55	.07		1.07			.14				.02	*	.26	.14			5.34
BLACK ROCK		.28	1.17	.09		1.09				*	.57		*	.27				.31		1.51	T		.30				.15	T	.27	.35			6.36
BLUE MOUNTAIN DAM	R	.44			.20					.65		.10	.40			.02					.05					.13		.05	.53				2.57
BLUFF CITY		3.33	1.98			.75				.48		.15	.20				2.60					T	.20						.12	T			9.81
BLYTHEVILLE		1.54	.70	T		.97	.02					.66	1.05	.05			.50	T		1.60			.16				.02		.01	.18	.22		7.68
BOONEVILLE	Z	-	-	-	-	-	-	-	-	-	-	-	-																				-
BOONEVILLE 2 S			.73	T		.69				.15	.39		.34	.11			.01				T							.01	.26	.23			2.92
BOTKINBURG	R	1.00	.10		.80					.65	.10	.10					.36			.73								.08	.05				3.97
BOUGHTON		.21	4.34							.11	.21		.23				1.37			.78			.55										7.80
BRADFORD		.02	.62	.05		3.79				.07	.63		.25	.06			.41			.66			.75				.39		.25	.29			8.24
BRINKLEY	// Z	.18	1.47			.58				.45	T		.47	.02			.64		.90	.75	-	-	-	-	-	-	-		.60	.04			-
BUFFALO TOWER		T	2.06	.09	.45					.07	.07		.10	.11			.43			T	T							.02	T	.48			3.88
BULL SHOALS DAM	R		.15				.95	.60		.45			.64				.05		.05							.04			.39	.10			3.42
BURDETTE			1.21			.61					.85		.12				.77												.61				4.17
CABOT		.29	.42			3.45				.54			.43	T			.72		.56	.05		.80							1.00	.05			8.31
CALICO ROCK			1.52	.05		.18				.10	.71		.35				.18			.81							.05	.02	.02	.61			4.60
CAMDEN 1		1.12	1.33			.45					.53		.26	-	-	-	-	-	-	-			1.19				.44	-	-	-	-		-
CAMDEN 2	R	1.22				.44				.41		.02	.25			1.86	1.30		.91			1.08					.45	.40	.03				8.37
CAMP CHAFFEE			.21							.13	.10		.18	.05			.01	T			T						T	T	*	.34			1.02
CANAAN	R	1.11	.02		.68					.75			.20				.25		.22							.04	.14		.55	.05			4.01
CARLISLE		1.50	.59				1.85					.50						.71		1.10			.78							.80			7.83
CARPENTER DAM	R	.45			.81	.04				.38			.28			.15	.93		.57			.23						.15	.27				4.26
CLARENDON		.06	1.49	.04		.38					.36		.37	.18			.70	.11		1.60			.83				.01		.39	.15			6.67
CLARKSVILLE	R																												.30				0.30
CLINTON		T	.86	.10		.48	T			.20	.51		.21	.10			.65	.20		.70			.01				.30		.60	.31			5.23
COLD SPRINGS			.80	.08		.20				.20	.62		.30	T			T			T							.15	T		.50	.23		3.08
COMBS	R	1.80	.11		.25					.15		.10				.04	.31												.45				3.21
COMPTON	B	1.35	.34							.20			.25				.04								-	-	-		.37				-
CONWAY		1.58	.41			.37				.81			.40	.02			.62		1.55	.02		.13					.41		.54	.03			6.89
CORNING	Z		.88	.43		1.47	.04				.72		.20	.07			.13	.22		1.58			.10				.01	.12	.25	.38			6.60
COTTER		T	1.29	.27		.58				.16	.63		.19	.34			.16			.11							.17		.06	.85			4.81
COVE		.12								.48		.47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
CROSSETT		.30		1.47	T	.09				.19	T		.32	.02	.04	T	2.25		.70	.56		*	.30	.30			1.28		.85				8.67
CRYSTAL VALLEY		2.04	.66			3.31				*	.43	*	.06	T		T	1.43		*	.55	T	*	.62					T	*	.49			9.59
CUMMINS FARM		.28	1.00			.20				.40			.45				2.10		1.67			1.40	T				.40	.60	.30	T			8.80
DAISY	R	.71			.50					.77		.13	.45			.25	.99		.25									.30	.05				4.40
DANVILLE	Z		.49			.24				.09	.61		.39	.10			.16			.13							.35	.01	.19	.23			2.99
DARDANELLE			1.08		T	.36					.20	.60	.32	.17						.26							.04		.15				3.18
DE QUEEN		.29				.23				.48			.73				1.42										.11						3.26
DENVER	R	1.66	.07		.10	.02				.20			.20						.06										.64				2.95
DERMOTT		.10	.70			.06					.25		.35	.15			1.24	.32	.16	2.00			.62				.80	.22	.60	.10			7.67
DES ARC			.89			1.96					.48		.27	.10			.62	.12		.94			.80					T	.63	.29			7.10
DEVILS KNOB		.76	.32			.65				.31			.65				.67			T							*	-	-	-	-		-
DUMAS 1		1.04	1.00			.05				.27			.38				2.72		.40	.88		2.00	.15				.58	.51	.62				10.60
DUMAS 2	R	1.30			.04					.26			.30			1.05	1.44		1.42			2.00	.05			*	*	1.46	.20				9.52
DURHAM	R	1.04	.11		.20					.33																			.50				2.18
EAGLE GAP			.96			.30				.43	.21		.21	.02			.20				T						.05	T	.33	.08			2.79
EL DORADO AP		.03	1.18	T						.01	.45		.22	.11	.09		1.85	.23		1.52			1.12				.29		.75	.08			7.93
ELKINS		1.00	.25			.18					.42																			.31			2.16
EUREKA SPRINGS		.58	.78			.03				.45			T				.05												.78				2.67
EVENING SHADE			1.97			.38	T			.10	*	.61		.25	.03		.25	.20		.80							.31	-	-	-	-		-
FAYETTEVILLE		.27	.65	T	.07	T	.01			.37			.02				.01			.01	T	.04							.66				2.11
FAYETTEVILLE EX S		.31	1.02	T		.10				.36			.06	T			.02			.02	T	.04			T			T	.54				2.47
FORDYCE		.60	.49			.71				.52			.48				3.00		.80	.24		1.16	.16				.65	T	.37				9.18
FOREMAN	R	.05			.50					.49		.13	.57			.63	.91		.32									.23	.07				3.90
FORESTER			.10		.29				.28	.33		.45	.03			.15										.21		-	-	-	-		-
FORREST CITY	R	.90	.04			.28				.44			.39			.15	.42		1.81			.50	.02					.32	.26				5.53
FORT SMITH WB AP	Z	.16	T		T	T			T	.28		.02	.18			.06	.01			T		T				T	T	T	.33				1.04
FORT SMITH WTR PLNT		1.40			.05						.27		.22				.21			T		T							.26	T			2.41
FOUNTAIN HILL		.53				.56				.30			.15	.20			2.00		.30	1.02			.45				1.00		1.25				7.76
FULTON		.40	.25			.28				.11	T		.40	.19			1.76	T		.60		T	.32					-	-	-	-		-
GARLAND		2.05	1.12				.47			T	.25		.25	.21			2.50	T		.23		.18	.75					-	-	-	-		-
GEORGETOWN		.74				1.46	.03				.50		.30	.11			.49			1.20			.90				.02	.03	.58	.19			6.55
GILBERT	Z		1.11	T		.60				.05	.52		.12	.01			.10			.21	T						.12	.05	.06	.46			3.41
GLENWOOD		.20				.62					.46			.40			1.31													.48			3.47
GRANNIS			T			.03			.39	.12			.48	.15		T	1.14					.02				.04	T		.25				2.62
GRAVELLY			.28			.13				.14	.52		.51	.08			.30										.54	.U5	.22	.16			2.93
GRAVETTE		2.57	.08	.04					T											T		.57							.53				3.79
GREEN FOREST			1.42			.27				T	.30	T	T							T	T								.51	.43			2.93
GREEN MOUNTAIN		*	2.50			.27				.37			T			.35				.88							T		.21				4.58
GREENBRIER		1.44		.10		2.60				.54			.80			.38	.47		*	.82		.03					.23	.18	.33	T			7.92
GREENWOOD		.76	.05	.11						.05			.35			.01				T							.05	T	.36				1.75
GURDON		.50	1.08			.78		T		.25	.27		.24	.13			1.43	.07		.83			.76			T		-	-	-	-		-
HAMPTON		2.56				.01				.51			.21				3.20		T	2.51			2.81				.31	.49		.31			12.72
HARDY	R	1.48	.06		*	.25				.73			.15				.29		.80										.39	.19			4.34
HARRISON		1.80	.97				.26						.24															.30					3.57
HARRISON CAA	Z	2.53	.16		.22					.33			.26			.07	.04			T								.78					4.39
HEBER SPRINGS 3 SW	R	.84			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
HECTOR			1.74			.48				.08	.53		.26	.17			.29	.02		.25	T						.03	.03	.07	.19			4.14
HELENA		.37	.95			.92	.16				.45		.18	.23			1.65	.32		1.90			.95				.16	.14	.46	.15			8.99
HENDERSON		2.00				.31				.62			.90			.16			.28	T							.43		.63				5.33
HOPE		1.20	1.16			.74				.22	.20		.29	.19			1.90			.82			.42						.46	.10			7.70
HOPPER			.30	T		.28	.13			.24	.46		.42				1.36	.01		.28		.02					.10		.42				4.02
HORATIO		.08				.36				.04	.40		.44	.28			1.28											-	-	-	-		-
HOT SPRINGS		.65	.01			.50				.55			.50	T			.96		.64			.19	T				.05	T	T	T			4.05
HUNTSVILLE	R	1.59	.28		.35					.26			.15						.11									-	-	-	-		-
HUTTIG DAM	Z	T	1.36			.12					.31		.12	.13	.02		1.91	.10	.03	1.18			.66				.78	.28	.70	.15			7.85
JASPER			1.61	.02		.56	T			.06	.27		.17	.09			.08										.03	.03	.17	.60			3.67
JESSIEVILLE		.26	.60			.68				*	.70		*	.55			*	1.57		.65			.06				T	.08	*	.59			5.74
JONESBORO		.04	.70	.04		3.72	.01				.47		.27	.07			.15	.02		1.64			.33				.21	.07	.26	.20			8.20
KEO		.72	.68		.06	1.83	T			.59			.45			.04	.98		1.50	.02		.82							.73	.06			8.48
LAKE CITY		T	.43			1.53				.41	.09		.23	T			.39		.20	.81		.26					.25	T	.42	.14			5.16
LEAD HILL		2.00	1.18		.28					.38			.41			T				T									.62				4.87
LEE CREEK			2.11	.05						.25	T		.19	.14			.23	.03											.33	.10			3.43
LEOLA		T	.98			.69				*	.85		.14				1.72			1.29			.87						.84				7.38
LITTLE ROCK WB AP	Z	1.04	T		2.02	.35				.55		.03	.36			.25	.86		.68			.96					.01	.53	.35				7.99
LITTLE ROCK FILT P		.64			3.00	.38				.47		.08	.38			.21	.93		.65			1.00					.02	.59	.36				8.71
LOCK AND DAM NO 3		.14	1.83	.03		.42				.02	.61		.24	.02			.05	.15		.54			.08			.09		T	.25	.51			4.98
LOST CORNER			1.30	.03		.51					.60	T	*	.39			.54			.31							.18		.17	.16			4.19
LURTON		.13	2.15			.99				.10	.46		.03	.30			.27	.20		T	.12						T	.05	.15	.36			5.31
LUTHERVILLE		.22		.56			.59			.61			.58	.05			.30		T	T							.05		.31	T			3.27
MADISON		T	.55			.30				T	.35		.30	.10			.70	T		1.70			.50				T		.45	.20			5.15
MAGNOLIA	Z	1.49	.38			.54				.39			.30			.30	3.45		1.50	.04		1.34	.05				.51		.67				10.96
MALVERN		T	1.55			1.99	T			.13	.31	T	.24	.08		T	1.64		.01	.85		.06	.38					T	.75	.02			8.01
MAMMOTH SPRING			1.42	.09			*	.81						.18	.41		.15	.08		1.71							.43			.59			5.85
MARIANNA	Z	.02	.45			.64	.05				.36		.32	.13			.85			1.78			.74				.13	.02	.82	.12			6.23
MARKED TREE			.40			.62					.54		.12	.12			.40	.05		1.18			.46				T		.24	.20			4.33
MARSHALL		1.50	.20			2.20				.58			.18	T			.18	T	*	.26							.07		.74				5.91
MARVELL		.48	.60	T		.49					.28		*	.47			1.28						1.06				.81	.43	.95	T			6.85
MAUMEE	R	1.40	.05		.78	.02				.62			.24			.05	.10		.23					.30	.10				.57	.20			4.66
MELBOURNE		.65	.35				.47	.83					T	.35			.60			1.06			T							.50			4.81
MENA	Z	T	.62		T	.38				.30	.19		.29	.19			.31			T							.10	.05	.36	.03			2.82

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3—Continued

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MONTICELLO	Z	.47				T				.39		T	.51			.64	1.59		1.15			2.34					.41	.99	.23				8.72
MOROBAY L D 8	2	.89	.45			.03				.38			.43		.02	.06	1.75		.90	.30		.95	.27				.38	.23	.64				7.68
MORRILTON			1.39			.35				.11	.68		.34	.15			.42			1.45			.05				T	T	.30	.31			5.55
MOUNT IDA 1	R	.24	T							1.20			.45			.06	.75		.98										.42				4.10
MOUNT MAGAZINE		.67	.08	T		.25				.60			.64				.05			T							.03		.52				2.84
MOUNTAIN HOME	2	.30	1.70			.40			*	.60			.80				.20		.20								.10		.70				5.00
MOUNTAIN VIEW		.03	.64	.02		.41	.02			.74			.27				*	.41		1.21	T		T					T	.14	.75			4.64
MOUNTAINBURG		.48	.67			.02				.27			.27							T		T						.36					2.07
MULBERRY			1.27			.23				T	T		.30	T			.32				T	T					T	T	.30	T			2.42
NASHVILLE		.25	.09			.61				.16	.29		.49	.22			1.34	T		.47			.10		T			.D4	.30	.14			4.50
NATHAN			.20	T		.45			.45	.40			.52	.20			1.01			.31			T					T	.35	T			3.89
NEWHOPE		.15			.25				.55				.50			T	*	2.00		.25								-	-	-	-		-
NEWPORT		.05	.75			3.60	.05			.02	.65		.32	.05			.15	.10		.60			.62				.31	.05	.25	.33			7.90
NIMROD DAM	2		1.25			.25				.22	.30		.32	.15			.28			.22							.10		.50	.30			3.89
NORFORK DAM	2		2.20		.13	.55		.65					.41	.15			.16			.39							.54			.75			5.93
ODELL			2.33	.06		.05				.26			.04	.05			.11				T								.D2	.40			3.32
ODEN		-	-	-	-	-				.78			.36		.56		.03										.63						-
OKAY		.05	T				1.12			.26			.70		T	.02	1.56		.04			.06						.08	.24				4.13
OSCEOLA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.25	.21				-
OWENSVILLE		.3D	1.05			1.19	T			.15	.44		.28	.12			.98	.01	.02	.88		.03	.24				.01						-
OZARK						.32					.06	.25	.37	T			.27											T	.38	.09			1.74
PARAGOULD		.05	.82			2.97				.46	.04		.23	.02			.16		1.09	.70		.16	.02				.38		.48	.09			7.67
PARKIN			.62			.25					.57		.18	.14			.35	.07	T	1.28			.55						.35	.25			4.61
PARTHENON	R	1.35			.35					.27			.17			.05	.05									.05			.57	.03			2.89
PERRYVILLE		.50	1.50	.48		T			.59				.20				.40		*	1.20		T					.31		.75	T			5.93
PINE BLUFF		.32	1.31	T		.74	.04				.43		.36	.16			1.55	.37	.02	1.67		.02	1.17				T	T	.49	.09			8.74
PINE BLUFF CAA		1.16	T		T	.50				.48		T	.54			.61	1.20		2.16			1.21	T				.29	.22	.20				8.57
PINE RIDGE						.56				.36	.37		*	.31			.62			.11							.58		.24				3.15
POCAHONTAS 1		.13	.96	T		1.06				.69			.32				.32	.17	1.22	1.63		.17	T				.11		.32	.18			7.28
PORTLAND			.70			.81					.19		.19	.23			1.38	.53	*	2.02			.53				.63	.51	.86	.08			8.66
PRESCOTT	R	.80	1.20			1.18				.12	.25		.25	.20	T		1.62	T		.71		T	.65				T	.10	.42	.12			7.62
PRESCOTT SCS		1.20			1.08					.30		.05	.35			.70	.90		.65			.68						.40	.10				6.41
PYATT	R	1.56	.18		.25					.42			.58			.07	.12									.14	.01		.40	.33			4.06
RATCLIFF			.74			.30				.25	T		.55							T								T		.26			2.10
RAVANA	R	1.20		.03	.05					.24			.02	.40		1.32	.75		.10			.90						.32					5.33
REMMEL DAM	R	1.16			1.65	.05				.40		.04	.36			.26	1.19		.85			.39						.45	.19				6.99
ROCKHOUSE						.21				T			.21						.71	T									.30				1.43
ROGERS			1.09	.04	.11	.05	T			.43			.16							T									.83				2.71
ROSEBUD		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.20					.55		.60				-
RUSSELLVILLE		.95	.03			.32				.75			.46	T			.08		.22								.25		.38				3.44
SAINT CHARLES		T	.57	T		.28				.16	T		.30	.15			1.77	T	T	1.77		T	1.02				.14	.04	.95	.06			7.21
SAINT FRANCIS		.07	.92	.30		3.05					.52		.18	.05			.26	.18		1.90			.04				.10	.08	.25	.32			8.22
SEARCY		.03	.49			3.70	.02			.12	.60		.32	T			.45	.08		.76			.74				.59	.04	.34	.28			8.56
SHERIDAN		T	.85	1.03		2.25				.19		*	.38				1.80		*	1.02		*	.74						1.03				9.29
SHIRLEY		.22	1.05			.47				.75			.35				.63		1.04	.29	T					.13	T		.57	T			5.50
SILOAM SPRINGS		3.11	.18	.02						.53	T		.11	T			.04			T		.13							.55				4.67
SMITHVILLE	R	.99	.27		.78	.18				.75		*	*	.35		.04	.36		1.79			.20	.05		.08	.05	.05	.07	.73				6.74
SPARKMAN			2.22				1.35			.60			.40					2.62		.90		1.00							T	.60			9.69
STAR CITY		1.54					.07			*	.44		.47	T			*	2.21	*	1.95	-	-	-	-	-	-	-	-	-	-	-		-
STEVE		.76			.52					.81			.50						.87								T		1.08				4.54
STORY		1.03			.53					*	.56		*	.54			.45			.64						1.14				.31			5.20
STUTTGART		1.34		.06	.80						.64		.52	.19			1.12	.11	*	1.93			1.57						.50	.15			8.93
STUTTGART 9 ESE	Z	.18	1.26	.04		.27					.36		.42	.17			1.11	.05		1.45			1.25				.15		.36	.09			7.16
SUBIACO		.50	T			.78			T	.45		.43	.25							T	T					T	T	.35	.05				2.81
SUGAR GROVE			.81			.39					.85		.10				T										T		.30	.10			2.55
SUGAR LOAF MTN		.05	.86	.01		.41	.01			.10	.61		.25	.07			.49	.22		.96			.19				.16	.06	.31	.32			5.08
TAYLOR					.54					.81			.27		.02	.47	2.17		.81			1.09				.12		.16	.64				7.10
TEXARKANA WB AP	// Z	.19			.32	T				.15		.07	.50			.97	1.08		.21			.25					T	.25	.08				4.07
TURNPIKE		1.04	1.08			1.42				.55			.31	.05			.77	.10									.15		.32				5.79
VIOLA				.80		.65					.15		1.00	1.50						1.25						T	.84						6.19
WALDRON	Z	1.15	T			.30				.60			.38				T		T	T							.10		.30				2.83
WALNUT GROVE		.56	.73			.95				.65			.31				.28		T	1.45		.45	.04				.29		.30	.10			6.11
WARREN		.56	1.26							.64			.24	T		.20	2.80		1.81		.20	1.84	.20				.54	.21	.45	T			10.95
WEDINGTON LAKE	R	1.91	.07			.D2			.02	.28			.10				*	*	.09										.79				3.28
WEST FORK	R	.92	.09		.28					.38			.07				.03					.02							.46				2.25
WHEELING	R	.75	.35			.32				.67			.68			.09	.13		1.56								.35		.52	.13			5.55
WHITE ROCK		1.29	.62				.12	.14		.27			.42	.12			.54	T		.04	T								.35				3.91
WHITE CLIFFS		2.55				.80				.20	.10		.55	.2D			1.30				.30	T	T					-	-	-	-		-
WINFREY	R									.27			.18			.10	.15								.29					-	-		-
WING	R	.30			.32					.70		.10	.25				.30										.35		.50				2.82
WYNNE		.33	.52			.51				.50	.01		.29				.35		.69	.68		.45	.09				.02	T	.45	.09			4.98
YELLVILLE			2.80			.24					.37			*	.61			*	.18											.23			4.43

See reference notes following Station Index.

TABLE 4

HOURLY PRECIPITATION

ARKANSAS
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—1st—																									
ALICIA													.02	.03	.01			.16				.10	.15	.05	.52
ALY										.05				.05	.32		.01	.80	.01			.01			1.25
APPLETON							.04				.15					.25	.10		1.30	.57					2.41
ARKADELPHIA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.58								1.58
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUGUSTA											*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BATESVILLE L D 1													.30	.06	.02	.01	.06	.05			.10	.10	.20	.10	1.00
BEAR CREEK LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEEBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BERRYVILLE														.05	.08	.15	.30	.06		.10			.09	.04	.87
BLUE MOUNTAIN DAM		.09	.01							.20						.02	.01	.09	.01		.01				.44
BOONEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOTKINBURG											.10	.19	.01			.10	.14	.01	.15	.24	.06				1.00
BRINKLEY //													.10	.03	.02							.45	.95		1.55
CAMDEN 2									.03	.24	.19	.03	.01		.07	.15			.50						1.22
CANAAN												.33	.02	.01	.02	.06	.14	.10	.07	.33	.03				1.11
CARPENTER DAM									.08	.23	.10	.03			.01										.45
COMBS												.04	.10	.22	.66	.12	.01	.03				.61	.01		1.80
COMPTON												.18	.07		.05	.09	.11	.75	.02				.08		1.35
CORNING													*	*	*	*	*	*	*	*	*	*	*	*	*
DAISY								.04	.04		.01		.02	.12		.01	.47								.71
DANVILLE											.10				.30		.10								.50
DENVER							.02						.04	.02	.08	.30	.03	.73	.03	.25	.06			.10	1.66
DUMAS 2												.20	.05	.05				.10	.45			.37	.08		1.30
DURHAM														.29	.01	.25	.13		.02		.01	.30	.01	.02	1.04
FOREMAN													.01	.04											.05
FORREST CITY															.04								.42	.44	.90
FORT SMITH WB AIRPORT												.04	.08							.02	.02				.16
GILBERT												.45	.05	.01		.05	.07	.14	.02	.28	.04				1.11
HARDY														.53	.05			.20	.44			.21	.04	.01	1.48
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARRISON CAA 6							*	*	*	*	*	*	.22	*	*	*	*	*	1.18	*	*	*	*	1.13	-
HEBER SPRINGS 3SW											.01	.01	.19	.01			.05	.08			.07	.10	.32		.84
HUNTSVILLE													.25	.10	.07	.21		.01				.86	.08	.01	1.59
HUTTIG DAM											.17	.28	.10					.07	.01	.07	.50	.05			1.25
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LITTLE ROCK WB AP										.02	.13	.25					.18		.08	.33	.05				1.04
MAGNOLIA									.25	.46	.04				.70		.01	.14	.20						1.80
MARIANNA	*	*	.02																						.02
MAUMEE												.64	.11		.02	.13	.07	.23	.04	.11					1.40
MENA									.07	.03	.10	.20	.20												.60
MONTICELLO										.04	.20	.08	.03								.04	.01			.40
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOROBAY L D 8								.05		.03	.40	.11	.04			.01	.01	.27	.08	.16	.18	.01			1.35
MOUNT IDA 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNTAIN HOME													.05			.04	.11		.02	.10	.38	.55	.07	.01	1.33
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NIMROD DAM										.06	.02	.02			.19	.01	.01	.74	.20						1.25
NORFORK DAM																	.40	.20		.09	.15	.56	.12		1.52
PARTHENON											.05	.45			.09	.03	.01	.22	.01	.40			.08	.01	1.35
PINE BLUFF CAA			.02	.01	.01	.01						.15	.12	.11			*	*	*	*	*	*	*	.73	1.16
PRESCOTT SCS								.20	.80	.10				.10											1.20
PYATT												.60	.03			.09	.03	.05	.07	.48	.10			.11	1.56
RAVANA							.05	.55	.55			.04	.01												1.20
REMMEL DAM									.13	.22	.18	.03	.04		.05	.47	.03	.01							1.16
SMITHVILLE														.50	.03	.01	.06	.04	.01		.05	.15	.12	.02	.99
STUTTGART 9ESE												.15	.22	.03				.05			.05	.60	.13		1.23
TEXARKANA WB AP //								.15																	.15
WALDRON											.02	.04	.54	.53		.04									1.17
WEDINGTON LAKE												.10	.28	.87	.05		.15	.05				.15	.14	.12	1.91
WEST FORK												.02	.16	.19	.04		.03	.16		.04	.16	.10	.02		.92
WHEELING											.05	.05		.03		.22	.05		.05	.10		.17	.03		.75
WING														.15	.10	.04	.01								.30
—2d—																									
ALICIA					.04	.01								.01	.04										.10
ALUM FORK								.05	.67	.08	.15				.10	.05		.02	.28	.65					2.05
AUGUSTA	*	*	*	*	*	*	.72	*	*	*	*	*	.03												.75
BATESVILLE L D 1	.05																								.05
BERRYVILLE				.01	.03	.02	.07																		.13
BOTKINBURG		.10																							.10
BULL SHOALS DAM																					.11	.04			.15
CANAAN		.01	.01																						.02
COMBS					.02	.02					.01	.03	.01		.02										.11
COMPTON	.20	.10							.04																.34
CORNING	*	*	*	*	.88									*	*	*	*	.43							1.31
DENVER	.02					.01	.02	.02																	.07
DURHAM		.01	.01	.04	.01					.02						.02									.11
FORREST CITY												.04													.04
HARDY	.02	.04																							.06
HARRISON CAA 6	*	*	*	*	*	*	.13	*	*	*	*	*	.01						*	*	*	*	*	.02	-
HUNTSVILLE	.03	.01	.01		.01	.09	.01						.03			.02	.02	.05							.28
MARIANNA	*	*	.45																						.45
MAUMEE					.01	.04																			.05
MONTICELLO									.02																.02
MOUNTAIN HOME	.01	.01		.25	.01	.09	.10	.03					.04					.03							.57
NORFORK DAM				.24	.13	.24	.02						.07	.01											.71
PYATT	.02		.02		.05	.06	.03																		.18
SMITHVILLE	.04	.02		.01								.15	.05												.27
STUTTGART 9ESE														.02											.02
WEDINGTON LAKE	.02			.01						.02	.02														.07
WEST FORK		.03			.05					.01															.09
WHEELING					.03	.29	.03																		.35
—3d—																									
ALICIA						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAVANA																								.03	.03

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-4th-																									
ALUM FORK																					.03	.02	.33	.10	.48
ALY																						.25			.25
APPLETON																			.05		.22	.05	.03		.35
ARKADELPHIA																		*	*	*	*	*	*	*	*
AUGUSTA																		*	*	*	*	*	*	*	*
BATESVILLE L D 1																				.41	.01	.04	.10	.09	.65
BERRYVILLE																				.12					.12
BLUE MOUNTAIN DAM																				.15	.05				.20
BOTKINBURG																					.58	.02	.20		.80
CANAAN																					.59	.06	.02	.01	.68
CARPENTER DAM																			.05	.03	.20		.43	.10	.81
COMBS																		.11		.14					.25
CORNING																			*	*	*	*	*	*	*
DAISY																					.40	.05	.05		.50
OANVILLE																					.20	.03		.01	.24
DENVER																				.08	.01	.01			.10
DUMAS 2						.04																			.04
DURHAM																			.02	.18					.20
FOREMAN																					.45	.05			.50
GILLERT																				.15	.44	.01			.60
HARDY																			*	*	*	*	*	*	*
HARRISON CAA 6																			*	*	*	*	*	.22	-
HEBER SPRINGS 3SW																-	-	-	-	-	-	-	-	-	-
HUNTSVILLE																		.09		.26					.35
LITTLE ROCK WB AP																			.05	1.44	.38			.15	2.02
MAUMEE																				.30	.40	.08			.78
MENA																				.35					.35
MOUNTAIN HOME																					.10	.30			.40
NIMROD DAM																						.23	.03		.26
NORFORK DAM																					*	.53	.02	.01	.56
PARTHENON																			.06	.01	.28				.35
PRESCOTT SCS																			.10	.48			.05	.45	1.08
PYATT																					.25				.25
RAVANA	.05																								.05
REMMEL DAM																			.52	.16	.10		.02	.85	1.65
SMITHVILLE																				.35	.03		.30	.10	.78
WALDRON																				.25	.04	.01			.30
WEST FORK																			.28						.28
WING																		.02			.29	.01			.32
-5th-																									
ALUM FORK				.02	.03																				.05
ARKAOELPHIA	*	*	*	*	*		1.70																		1.70
AUGUSTA	*	*	*	*	*	*	*	*	*	2.68															2.68
BATESVILLE L D 1	.01	.10																							.11
BRINKLEY //		.30	.15	.05																					.50
CAMDEN 2		.06	.10	.02	.01	.22	.03																		.44
CARPENTER DAM	.04																								.04
CORNING	*	*	*	*	1.47																				1.47
DENVER							.02																		.02
FORREST CITY			.23	.01	.03	.01																			.28
HARDY	*	*	*	*	*	*	.25																		.25
HUTTIG DAM					.04	.05																			.09
LITTLE ROCK WB AP	.22	.01		.01		.02	.08	.01																	.35
MAGNOLIA		.10	.06	.02	.04	.20	.10																		.52
MARIANNA	.05		.43	.02	.09		.01																		.60
MAUMEE					.01	.01																			.02
PINE BLUFF CAA		.07	.03	.35	.02				.01		.01														.49
REMMEL DAM	.05																								.05
SMITHVILLE	.10	.05	.02	.01																					.18
STUTTGART 9ESE	*	*	*	.27																					.27
WEDINGTON LAKE						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	.02
WHEELING																					.04	.28			.32
-6th-																									
BULL SHOALS DAM												.05	.22	.03		.05	.18	.12	.05	.10	.10	.04	.01		.95
CORNING	*	*	*	*	*	*	.04																		.04
NORFORK OAM						.07			.10	.11	.12	.13	.10	.03											.66
-7th-																									
BULL SHOALS DAM			.05		.01	.04	.05		.05				.12			.01	.01	.01	.25						.60
-8th-																									
WEOINGTON LAKE																								.02	.02
-9th-																									
ALICIA	-	-	-	-	-	-	-	-	-	-		.07	.08	.06	.02	.08	.02								-
ALUM FORK					.05			.10	.17	.08	.05	.05	.09	.01											.60
ALY			*	*	*	*	*	*	*	*	*	*	*	*	*	.65									.65
APPLETON					.10			.05	.10	.13	.07	.15	.05												.65
ARKADELPHIA							.20	.07	.03	.14	.05	.05	.01												.55
AUGUSTA					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.65		.65
BATESVILLE L D 1									.10	.10	.10	.10	.10	.10											.60
BERRYVILLE		.02	.01	.04	[illegible]	[illegible]	[illegible]	.10	.03																.37
BLUE MOUNTAIN DAM			.02	.03		.02		.13	.15	.20	.10														.65
BOTKINBURG				.10			.10	.10	.10	.10	.10	.05													.65
BRINKLEY //												.05	.10		.10	.10								.04	.39
BULL SHOALS DAM					.02	.08			.05	.10	.05	.05	.07	.03											.45
CAMDEN 2									.12	.15	.07	.03		.04											.41
CANAAN					.05	.05			.10	.10	.10	.15	.10	.10											.75
CA9PENTER DAM								[illegible]	.05	.08	.05	.04	.05	.01											.38
COMBS			.02	.02	.01	.05			.05																.15
COMPTON								[illegible]	.10	.05															.20
CORNING							*	*	*	*	*	*	*	*	*	*	*	*	*	.72					.72
DAISY		.05			.05	.15	.20	.10	.05	.10	.05				.02										.77
DANVILLE								.10	.15	.20	.10														.55
DENVER				.02	.02	.01	.03	.04	.02	.04	.02														.20
DUMAS 2												.06	.05	.10	.03		.02								.26
DURHAM		.02	.01	.07	.05	.08	.05	.02	.03																.33
FOREMAN		.05				.10	.18		.05	.07	.04														.49

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FORREST CITY													.14		.08	.12	.06	.04							.44
FORT SMITH WB AIRPORT			.01	.02		.04	.11	.03	.07																.28
GILBERT							.05	.10	.08	.07	.10		.05	.03	.05	.07									.60
HARDY							.05		.03	.10	.15	.15	.05	.10	.10										.73
HARRISON CAA 6	*	*	*	*	*	*	.05	*	*	*	*	*	.28												–
HUNTSVILLE				.03	.07	.05	.05		.03	03															.26
HUTTIG DAM													.05	.12	.03			.05							.25
LITTLE ROCK WB AP								.05	.04	.10	.18	.09	.06	.02	.01										.55
MAGNOLIA									.15	.10		.08	.02												.35
MARIANNA													.05	.02	.08	.10			.05	.02					.32
MAUMEE						.05	.08		.03	.12	.10	.05	.10	.09											.62
MENA	.03	.02	.09	.01			.05	.10	.15	.10															.55
MONTICELLO						*	*	*	*	*	*	.16	*	*	*	*	*	.23							.39
MOROBAY L D 8										.05	.08	.02	.10	.10											.35
MOUNTAIN HOME				*	*	*	*	*	*	*	*	*	*	*	.60										.60
NIMROD DAM								.12	.14	.10	.06	.07	.03												.52
PARTHENON					.05			.08	.07	.07															.27
PINE BLUFF CAA										.01	.08	.12	.07	.08	.05										.41
PRESCOTT SCS							.10		.08	.12															.30
PYATT					.05	.05		.05	.05	.10	.02	.03	.05	.02											.42
RAVANA				.09				.10	.05																.24
REMMEL DAM							.03	.09	.03	08	.09	.04	.04												.40
SMITHVILLE						.05	.05		.05	.13	.12	.13	.07	.07	.05	.03									.75
STUTTGART 9ESE											.03	.03	.07	.09	.10	.03	.01								.36
TEXARKANA WB AP //					.04	.04	.01		.02																.11
WALDRON				.04	.01	.09	.05	.14	.15	.11		.04													.63
WEDINGTON LAKE	.04	.02	.02	.02	.03	.05	.08	.02																	.28
WEST FORK	.03		.03	.04	.03	.05	.10	.10																	.38
WHEELING					.08	.12		.03	.07	.07	.08	.05	.02		.04	.01	.03	.02		.05					.67
WINFREY		.02	.02	.03	.02	.03	.05	.05	.03	.02															.27
WING				.10				.10	.20	.10	.20														.70
—10th—																									
ALICIA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
BOTKINBURG																							.05	.05	.10
—11th—																									
ALUM FORK																							.01	.04	.05
ALY																							.02	.03	.05
ARKADELPHIA																						.02	.01	.03	.06
BLUE MOUNTAIN DAM																								.10	.10
BOTKINBURG		.05		.05																					.10
CAMDEN 2																								.02	.02
COMBS				.02		.03		.02	.03																.10
DAISY																					.03		.05	.05	.13
DANVILLE																							.10	.10	.20
FOREMAN																						.03	.05	.05	.13
FORT SMITH WB AIRPORT																								.02	.02
LITTLE ROCK WB AP																							.01	.02	.03
MENA																								.05	.05
MONTICELLO																								*	*
PINE BLUFF CAA																								.02	.02
PRESCOTT SCS																								.05	.05
REMMEL DAM																								.04	.04
SMITHVILLE							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TEXARKANA WB AP //																					.02			.03	.05
WALDRON											.02													.02	.04
WING																							.05	.05	.10
—12th—																									
ALUM FORK	.06	.05	.06	.06	.03				.02	.05	.03														.36
ALY	.02	.07	.08	.05	.04	.01		.04	.05	.01	.02														.39
APPLETON	.05	.05	.05	.05		.05	.05				.05	.05													.40
ARKADELPHIA	.03	.03	.04	.03	.04	.01		.01	.04		.02	.03			.01	.01	.01	.02							.33
AUGUSTA								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BATESVILLE L D 1			.10	.05	.05			.02		.01															.23
BERRYVILLE			.02	.02					.03																.07
BLUE MOUNTAIN DAM	.05	.05	.07	.05	.03	.02		.03	.05	.05															.40
BOONEVILLE	–	–	–	–	–	–	–	–	–	–	–	–													–
BRINKLEY //	.01	.05	.07	.08	.05	.05							.05	.01					.01	.01		.02			.41
BULL SHOALS DAM		.05	.08	.07	.06	.04	.04		.06	.10	.14														.64
CAMDEN 2	.02	.01	.02	.03	.05	.03		.02					.02	.01	.02	.02									.25
CANAAN			.10	.05	.05																				.20
CARPENTER DAM	.05	.03	.02	.04	.04	.04	.02		.01	.02		.01													.28
COMPTON		.07	.08					.10																	.25
CORNING							*	*	*	*	*	*	*	*	*	*	*	*	.27						.27
DAISY	.05	.05	.06	.04	.02	.03	.05	.03	.02	.05	.03	.02													.45
DANVILLE	.03	.07	.05	.05				.05	.05																.30
DENVER	.02	.03	.07	.02	.02			.04																	.20
DUMAS 2		.02	.03	.02	.03					.03	.07	.02			.03	.02			.03						.30
FOREMAN	.07	.08	.05		.05	.05		.05	.05	.05	.05	.05	.02												.57
FORREST CITY			.09	.08	.08	.04	.02							.02	.04	.01	.01								.39
FORT SMITH WB AIRPORT	.02	.04	.06	.01	.01					.04															.18
GILBERT	.01	.02	.03	.02	.03		.01																		.12
HARDY				.03	.02		.05	.05																	.15
HARRISON CAA 6	*	*	*	*	*	*	.22	*	*	*	*	*	.04												–
HUNTSVILLE	.05	.02	.08																						.15
HUTTIG DAM						.03	.02	.05		.05											.03				.18
LITTLE ROCK WB AP	.04	.08	.05	.05	.02	.02				.01	.03	.04							.01			.01			.36
MAGNOLIA	.05		.04	.08	.02									.08	.02										.29
MARIANNA				*	*	.32									.05										.37
MAUMEE			.10	.04	.03	.03						.04													.24
MENA	.05	.05	.05	.05	.03	.02		.05	.05	.04	.01														.40
MONTICELLO	*	*	*	*	*	.16	*	*	*	*	*	.19	*	*	*	*	*	.16							.51
MOROBAY L D 8				.05	.07			.05	.05	.05	.02		.03		.05	.02									.39
MOUNTAIN HOME													.10	.08	.02	.10	.05	.05	.10	.10	.10	.05			.75
NIMROD DAM			.05	.03	.04	.01				.10	.02			.02											.27
NORFORK DAM	.03	.05	.07	.06	.07	.06	.04	.01	.09	.05	.01	.02													.56
PARTHENON	.05	.03	.02	.02					.03	.02															.17
PINE BLUFF CAA	.05	.06	.03	.05	.05	.03		.02		.02	.06	.02		.01	.03	.01									.44
PRESCOTT SCS	.04	.01	.02	.06	.02			.02	.06		.02		.07	.01	.02										.35
PYATT		.10	.10	.10	.05	.05			.10	.05	.03														.58
RAVANA																								.02	.02
REMMEL DAM	.04	.06	.05	.02	.03	.05	.03		.02	.03		.02						.01							.36

See Reference Notes Following Station Index

TABLE 4 — Continued

HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
STUTTGART 9ESE	.06	.08	.07	.08	.04	.04	.03				.01	.04	.03	.02	.02	.02	.01								.55
TEXARKANA WB AP //	.02	.05	.08	.02	.03	.02	.03	.05		.02	.03	.05	.05	.02			.03								.50
WALDRON	.08	.05	.05	.04	.01	.01	.04	.04	.03				.03												.38
WEDINGTON LAKE	.03	.02	.05																						.10
WEST FORK			.02	.01			.04																		.07
WHEELING	.05	.05	.10	.06	.04	.05	.05	.04	.10	.10		.01	.02	.01											.68
WINFREY	.02	.02	.03	.02				.02	.03	.01		.03													.18
WING	.05	.05	.05	05	.05																				.25
—13th—																									
ALY																						.03			.03
AUGUSTA	*	*	*	*	*	*	.06																		.06
HUTTIG DAM			.02																						.02
RAVANA		.05	.02		.03			.05	.05	.02	.03	.05	.05	.05											.40
SMITHVILLE	*	*	*	*	*	*	.35																		.35
—14th—																									
ALY		.02		.13	.07																				.22
HUTTIG DAM									.04																.04
—15th—																									
ALUM FORK																			.02		.03	.10			.15
ARKADELPHIA																			.15	.10	.05	.10	.05	.05	.50
AUGUSTA																					*	*	*	*	*
BEAR CREEK LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-								.10	.05	.17	-
BLUE MOUNTAIN DAM																						.02			.02
BRINKLEY //																					.08	.01	.03	.09	.21
CAMDEN 2																.10	.10	.03	.15	.22	.43	.47	.18	.18	1.86
CARPENTER DAM																					.01	.08	.06		.15
COMBS																							.01	.03	.04
DAISY									.01	.02			.01	.01			.01		.02	.06	.08	.02		.01	.25
DANVILLE																							.03	.02	.05
DUMAS 2																			.10	.05	.10	.05	.15	.60	1.05
FOREMAN															.01	.03	.03	.12	.12	.09	.15	.07		.01	.63
FORREST CITY																						.07	.03	.05	.15
FORT SMITH WB AIRPORT																						.04	.02		.06
GILBERT																							.03	.02	.05
HARRISON CAA 6																			*	*	*	*	*	.07	-
HUTTIG DAM																.05	.03	.02	.05	.05	.05				.25
LITTLE ROCK WB AP																			.02	.02		.04	.11	.06	.25
MAGNOLIA																*	*	.30	*	*	*	*	*	*	*
MARIANNA																						.05	.02	.16	.23
MAUMEE																								.05	.05
MENA																	.02				.03		.01	.01	.07
MONTICELLO																		.05	.05	.15	.10	.11	.10		.56
MOROBAY L D 8																.02	.03		.14	.13	.16	.05	.10	.01	.64
MOUNTAIN HOME																								.07	.07
NORFORK DAM																							.05	.03	.08
PARTHENON																							.03	.02	.05
PINE BLUFF CAA																		.03	.01	.05	.10	.04	.28	.19	.70
PRESCOTT SCS																.05		.05	.10	.10	.10	.15	.10	.05	.70
PYATT																								.07	.07
RAVANA														.02	.05	.03	.07	.20	.25	.15	.25	.05	.15	.10	1.32
REMMEL DAM																				.04	.03	.12	.07		.26
SMITHVILLE																								.04	.04
STUTTGART 9ESE																				.02	.05	.05	.15	.25	.52
TEXARKANA WB AP //															.05		.05	.10	.20	.05	.19	.06	.01	.24	.95
WHEELING																								.09	.09
WINFREY																							.03	.07	.10
—16th—																									
ALUM FORK	.02	.03	.05	.25	25	.13	.10	.02																	.85
ALY											.30	.05	.10												.45
APPLETON	.03	.02		.03	.02	.03																			.13
ARKADELPHIA	.08	.07	.25	.07	.43	.20	.05																		1.15
AUGUSTA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.44									.44
BATESVILLE L D 1								.10	.02	.02	.01														.15
BEAR CREEK LAKE	.09	.09	.03	.02	.05	.15	.05	.05																	.53
BERRYVILLE				.03																					.03
BOTKINBURG	.05	.13	.06	.02	.01	.02	.07																		.36
BRINKLEY //	.03		.03	.01	.06	.05	.05		.01	.01	.03	.01		.06											.35
BULL SHOALS DAM																								.05	.05
CAMDEN 2	.09	.02	.08	46	.09	.30	.20	.02	.04																1.30
CANAAN	.06		.12	.02	.01	.01	.03																		.25
CARPENTER DAM	.02	.03	.01	.19	.26	.37	.01	.04																	.93
COMBS	.08	.02	.06	.10		.03	.02																		.31
COMPTON	03		.01																						.04
CORNING			*	*	*	*	*	*	*	*	*	*	*	*	.35										.35
DAISY		.08	.15	.47	.15	.06	.04	.02	.02																.99
DANVILLE	.02	.01	.02		.01	.01																			.07
DUMAS 2	.20	.05	.03	.07	30	.20	.25	.30		.01	.02		.01												1.44
FOREMAN	.01	.41	.24	.15	.04	.02			.01	.01	.01		.01												.91
FORREST CITY	.12	.03	.01	.02	.01	.04	.09	.10																	.42
FORT SMITH WB AIRPORT						.01																			.01
GILBERT	.04	.01																							.05
HARDY					.12			.05	.07	.05															.29
HUTTIG DAM				.05		55	[illegible]	40	.02																1.57
LITTLE ROCK WB AP	.01	.05	.01	.06	.14	.14	15	08	.18	.04															.86
MAGNOLIA	*	*	*	*	*	*	3[illegible]																		3.75
MARIANNA	.10	.11	.03	*	*	*	*	38																	.62
MAUMEE	.05	03	.02																						.10
MENA	.02	.01	.05	.15	.01																				.24
MONTICELLO		.01	.02	.26	[illegible]	.26	[illegible]		.04																1.53
MOROBAY L D 8			.01	.05	.50	.17	[illegible]																		1.21
MOUNTAIN HOME	.03	.10																							.13
NIMROD DAM		.01	.01	.05	.07	[illegible]																			.15
NORFORK DAM	.02	.05																							.07
PARTHENON	.03		.02																						.05
PINE BLUFF CAA	.10	.05	.01	.20	.10	.16	[illegible]	.20	.04																.95
PRESCOTT SCS	.15	.05	20	.15	.15	.18	.02																		.90
PYATT	.01	.08	.01	.01																					.11
RAVANA	.10		.40	.15	05	.05																			.75

See Reference Notes Following Station Index

TABLE 4—Continued

HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
REMMEL DAM			.12	.18	.32	.36	.06	.11	.04																1.19
SMITHVILLE	.05	.01	.04	.01		.05	.03	.02	.09	.01	.05														.36
STUTTGART 9ESE	.10	.06	.04	.03	.21	.06	.13	.06	.01																.70
TEXARKANA WB AP //	.05	.27	.39	.19	.08	.02																			1.00
WEDINGTON LAKE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WEST FORK		.02		.01																					.03
WHEELING		.05		.05	.03																				.13
WINFREY	.01	.03	.03	.07	.01																				.15
WING				.20	.10																				.30
—17th—																									
BEEBE	-	-	-	-	-	-	-	-	-	-	-	-	-	-											-
BERRYVILLE																			.22						.22
—18th—																									
ALUM FORK														.35	.40	.10									.85
APPLETON														.05		.03		.17	.05						.30
ARKADELPHIA													.45	.37	.03	.05	.02								.92
AUGUSTA								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BATESVILLE L D 1															.05	1.33	.20	.09		.01					1.68
BEAR CREEK LAKE											.20	.02	.05	.01	.03	.12	.12	.30	.30	.30	.08	.13	.03	.01	1.70
BEEBE				.01	.01			.01	.01					.05	.05	.30	.15	.05							.64
BERRYVILLE			.02	.01	.02																				.05
BRINKLEY //											*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BULL SHOALS DAM		.05																							.05
CAMDEN 2														.49	.23	.08	.10	.01							.91
CANAAN														.10	.03	.02	.02	.05							.22
CARPENTER DAM									.03	.01			.02	.39	.07	.03	.01		.01						.57
CORNING									*	*	*	*	*	*	*	*	*	*	*	1.58					1.58
DAISY												.20	.05												.25
DANVILLE											.10	.02													.12
DENVER																				.06					.06
DUMAS 2											.15				.05	.20	.30	.20	.25	.10	.15	.02			1.42
FOREMAN											.12	.20													.32
FORREST CITY												.09	.02	.01	.07	.25	.22	.28	.22	.20	.21	.09	.13	.02	1.81
GILBERT												.01	.15	.02	.01		.04	.01							.24
HARDY																.45	.18	.12				.03		.02	.80
HUNTSVILLE																	.05	.06							.11
HUTTIG DAM									.03	.03		.01		.26	.03	.21	.11	.16	.18	.06					1.08
LITTLE ROCK WB AP														.21	.30	.13	.02	.01	.01						.68
MAGNOLIA													.03	.99	.42	.03	.04	.01							1.52
MARIANNA											.10	.05			.05	.10	*	*	*	*	1				1.75
MAUMEE													.08	.05			.05	.03	.02						.23
MONTICELLO														.05	.09	.24	.22	.22	.24	.02					1.08
MOROBAY L D 8												.05	.01	.09	.30	.10	.15	.34	.01						1.05
MOUNTAIN HOME														.01	.02	.08	.07		.01						.19
NIMROD DAM													*	*	.22										.22
NORFORK DAM															.06	.10	.04	.10	.08						.38
PRESCOTT SCS													.10	.10	.32	.08	.05								.65
RAVANA													.08	.02											.10
REMMEL DAM														.65	.10	.07	.02	.01							.85
SMITHVILLE																1.40	.26	.10	.03						1.79
STUTTGART 9ESE												.01		.01	.22	.21	.24	.28	.22	.21	.05				1.45
TEXARKANA WB AP //													.15	.05											.20
WEDINGTON LAKE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.09	.09
WHEELING														.20	.22	.23	.15	.02	.06	.23	.40	.05			1.56
—19th—																									
AUGUSTA	*	1.17																							1.17
BOTKINBURG								.01	.02					.07	.07	.06	.22	.02	.18	.08					.73
BRINKLEY //	*	*	*	*	*	*	*	1.65																	1.65
—20th—																									
BLUE MOUNTAIN DAM							.03		.02																.05
BRINKLEY //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
—21st—																									
ALUM FORK										.02	.04														.06
ARKADELPHIA									.12	.12	.03			.05	.12	.05	.03								.52
AUGUSTA									*	*	*	*	*	*	*	*	*	.93							.93
BATESVILLE L D 1												.04	.06	.01				.01							.12
BEAR CREEK LAKE													.10	.10	.05	.05	.19	.10	.11	.02	.06	.01			.79
BEEBE					.01	.02		.01	.01	.09	.16	.20	.01	.06	.10	.10	.02								.79
CAMDEN 2									.05	.42	.23	.02			.18	.05	.07	.03	.03						1.08
CARPENTER DAM						.05				.04	.04	.01	.02	.06	.01										.23
CORNING												*	*	*	*	*	.10								.10
DUMAS 2								.07			.03	.40	.90	.25	.07	.05	.03	.10	.05	.03	.02				2.00
FORREST CITY													.04	.07	.03	.12	.12	.03	.05	.02	.01	.01			.50
HUTTIG DAM												.03	.03			.11	.03	.15	.10	.10					.55
LITTLE ROCK WB AP							.04	.03		.09	.29	.08		.10	.15	.15	.02	.01							.96
MAGNOLIA								.28	.58	.12	.02		.12	.08	.08	.02	.02	.02							1.34
MARIANNA												.02	.10	.09	.08	.09	.17	.05	.05		.02	.03			.70
MONTICELLO						*	*	*	*	*	*	1.49	*	*	*	*	*	.52	*	*	*	*	*	.33	2.34
MOROBAY L D 8											.55	.03	.20	.05	.06	.01	.06	.08	.11	.03	.02				1.20
PINE BLUFF CAA										.07	.35	.28	.02	.05	.10	.05	.10	.02	.03						1.07
PRESCOTT SCS								.03	.17	.10		.02	.01	.15	.12	.02	.06								.68
RAVANA								.50	.10	.15				.05	.03	.02	.05								.90
REMMEL DAM									.02	.10	.08	.02	.03		.12	.01		.01							.39
SMITHVILLE										.02	.01	.05	.04	.01			.02				.04	.01			.20
STUTTGART 9ESE								.01	.04	.01	.02	.23	.19	.01	.24	.21	.07	.15	.02	.01	.01				1.22
TEXARKANA WB AP //									.13	.01			.01	.05	.01	.05									.26
WEST FORK					.02																				.02
—22d—																									
DUMAS 2	.02			.03																					.05
FORREST CITY										.02															.02
SMITHVILLE										.02	.01	.01	.01												.05
—23d—																									
MAUMEE																							.15	.15	.30

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
—24th—																									
COMPTON																							-	-	-
MAUMEE	.10																								.10
SMITHVILLE								.02	.01	.01	.01	.02	.01												.08
WINFREY			.11	.05	.06	.03	.02		.01			.01													.29
—25th—																									
APPLETON																								.03	.03
BLUE MOUNTAIN DAM																							.03	.10	.13
BULL SHOALS DAM																								.04	.04
CANAAN																						.03	.01		.04
DANVILLE																								.27	.27
DUMAS 2								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GILBERT																								.01	.01
MARIANNA									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MENA																							.07		.07
MOUNTAIN HOME																							*	.10	.10
NIMROD DAM													*	*	.10										.10
PARTHENON																							.05		.05
PYATT																							.10	.04	.14
SMITHVILLE		.03	.02																						.05
WALDRON																							.06		.06
—26th—																									
ALUM FORK												.04	.04			.01	.01								.10
ALY																						.01	.01	.06	.08
APPLETON	.55																								.55
AUGUSTA														*	*	.03									.03
BATESVILLE L & D 1		.20	.10											.01	.01										.32
BRINKLEY //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMDEN 2	.03	.37	.05																						.45
CANAAN	.11										.03														.14
CORNING					*	*	.01	*	*	*	*	*	*	*	*	.12									.13
DANVILLE	.05	.03																							.08
GILBERT	.12							.02				.02													.16
HUTTIG DAM			.65	.01	.04							.01	.12	.04	.06										.93
LITTLE ROCK WB AP																.01									.01
MAGNOLIA	.11	.38																							.49
MARIANNA	*	*	*	*	*	*	*	.13																	.13
MENA									.01	.02	.01														.04
MONTICELLO	.18	.08	.01	.02	.01			.01	.01		.01		.01	.03	.02										.39
MOROBAY L & D 8	.25	.08						.02					.01	.03											.39
NORFORK DAM	*	.54																							.54
PINE BLUFF CAA		.02	.18	.05																					.25
PYATT		.01																							.01
SMITHVILLE													.02	.02	.01										.05
STUTTGART 9ESE			.13	.03																					.16
WALDRON								.04					.03												.07
WHEELING	.30	.05																							.35
WING																								.35	.35
—27th—																									
ALUM FORK																			.02	.05	.07	.01			.15
ALY	.01																	.02		.03	.02				.08
APPLETON																				.01	.06	.03	.01	.01	.12
ARKADELPHIA																		.04	.10	.06	.15	.01	.03	.02	.41
AUGUSTA																			*	*	*	*	*	*	*
BATESVILLE L & D 1																							.11	.05	.16
BEEBE																					.08	.04	.08	.10	.30
BLUE MOUNTAIN DAM																					.03		.02		.05
BOTKINBURG																				.01	.01	.02	.04		.08
BRINKLEY //																		*	*	*	*	*	*	*	*
CAMDEN 2																		.03	.05	.12	.08	.05		.07	.40
CARPENTER DAM																		.02	.03	.01	.05		.01	.03	.15
COMPTON	-	-	-	-	-	-	-	-																	-
DAISY																	.05	.05	.10	.05	.03	.02			.30
DUMAS 2	*	*	*	*	*	*	*	*	*	.57							.05	.18	.25	.16	.05	.05		.15	1.46
FOREMAN																.13	.05		.03	.02					.23
FORREST CITY																				.05	.07	.14	.04	.02	.32
HUNTSVILLE							-	-	-	-	-	-													-
HUTTIG DAM																.01	.08	.18	.08	.03	.03			.12	.53
LITTLE ROCK WB AP																			.04	.12	.04	.18	.06	.09	.53
MAGNOLIA							.05									.03	.02	.09	.11	.12	.08	.02	.01	.06	.59
MARIANNA																			.13	.16	.20	.01			.50
MENA																		.13	.05			.01	.01		.20
MONTICELLO																.03	.15	.25	.09	.08	.02	.03	.14	.03	.82
MOROBAY L & D 8																.06	.16	.20	.03	.05		.10	.14	.01	.75
NIMROD DAM																					.10	.04	.01		.15
PINE BLUFF CAA												.01		.02						.03	.05	.01	.02		.14
PRESCOTT SCS																.05		.05	.15	.10	.05				.40
RAVANA																		.11	.06	.01	.14				.32
REMMEL DAM																		.06	.12	.10	.09	.06	.01	.01	.45
SMITHVILLE																							.05	.02	.07
STUTTGART 9ESE																		.03	.02	.09	.08	.01	.01	.06	.30
TEXARKANA WB AP //																.02	.07	.04	.08	.03	.01				.25
—28th—																									
ALICIA	-	-	-	-	-	-	-	-	-					.05	.05	.04	.04	.04	.06	.02					-
ALUM FORK								.08	.04	.04	.09			.01	.01	.02	.06	.02							.37
ALY							.07	.08	.05			.02	.03		.02	.03	.06	.04							.40
APPLETON	.03		.01	.03	.01	.01	.02	.04	.04	.01	.03	.01													.24
ARKADELPHIA								.13	.02	.01	.03														.19
AUGUSTA	*	*	*	*	*	*	.40	*	*	*	*	*	*	*	*	*	.20								.60
BATESVILLE L & D 1	.04	.07								.03	.07	.03		.09	.01	.05	.05	.09	.01						.54
BEEBE	.06	.09									.10	.05	.02	.05			.03	.05	.03						.48
BERRYVILLE				.01	.02	.07	.07	.05	.02	.04	.05	.05	.05	.07	.02	.11									.63
BLUE MOUNTAIN DAM						.20	.07	.08	.05						.03	.10									.53
BOTKINBURG	.02	.01	.01	.01																					.05
BRINKLEY //	*	*	*	*	*	*	*	.64																	.64
BULL SHOALS DAM							.02	.05		.05	.06	.04	.02			.03	.04	.01	.05	.02					.39

See Reference Notes Following Station Index

TABLE 4 — Continued
HOURLY PRECIPITATION

ARKANSAS
NOVEMBER 1948

STATION	A. M. HOUR ENDING												P. M. HOUR ENDING												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CAMDEN 2										.02	.01														.03
CANAAN								.03	.12	.02	.08	.03	.07	.05	.02	.05	.03		.05						.55
CARPENTER DAM								.10	.04	.03	.07	.01						.02							.27
CLARKSVILLE						.15		.10	.03	.02															.30
COMBS					.05	.10	.05	.06	.04	.05		.02		.03		.05									.45
COMPTON							.08	.02	.02	.08	.02	.04	.08	.02	.01										.37
CORNING					*	*	.25	*	*	*	*	*	*	*	*	.38									.63
DAISY									.05																.05
DANVILLE							.10	.09	.01	.01			.02	.01	.06	.02	.03								.35
DENVER						.06	.10		.04	.04	.02	.02	.26	.02	.08										.64
DUMAS 2	.03		.01	.01				.02	.06		.02	.02	.01	.01			.01								.20
DURHAM			.01	.01	.08	.05	.05		.06	.04	.03	.02	.03	.03	.09										.50
FOREMAN							.07																		.07
FORREST CITY	.02	.02								.02					.06	.06		.02	.04	.02					.26
FORT SMITH WB AIRPORT				.04	.11	.03	.01	.01		.01	.05	.02	.01	.04											.33
GILBERT								.06	.07	.02	.08	.10	.05	.05	.05	.05						.02			.55
HARDY										.02	.05	.05	.02	.07	.06	.04	.05		.03						.39
HARRISON CAA	*	*	*	*	*	*	.05	*	*	*	*	*	.50	*	*	*	*	*	.23						-
HUTTIG DAM	.01		.01				.02	.08	.09	.01															.22
LITTLE ROCK WB AP	.02					.01			.09	.09	.02	.02	.01				.01	.04	.04						.35
MAGNOLIA				.01				.02		.01	.02	.01	.02												.09
MARIANNA	.05	.02	.01					.01	.01	.03				.01	.01										.15
MAUMEE					.01	.01			.10		.05	.15	.05	.12	.08										.57
MENA					.04	.01	.10	.05																	.20
MONTICELLO		.01			.01		.01	.03	.02	.01	.05														.14
MOROBAY L D 8					.02			.01	.02		.01														.06
MOUNTAIN HOME							.02	.02		.12	.06	.05	.06	.09	.04	.26	.01								.73
NIMROD DAM							.01	.12	.06	.09			.01	.01	.01	.08	.06	.01	.01	.01					.48
NORFORK DAM											*	*	*	*	*	.75									.75
PARTHENON						.04	.03	.15	.05	.05	.05	.05	.03	.05	.04	.03									.57
PINE BLUFF CAA	.05	.02			.01						.01	.04	.03	.01	.01										.18
PRESCOTT SCS								.10																	.10
PYATT						.02	.03	.05	.03	.02		.08	.01	.01	.06	.04	.03	.01		.01					.40
REMMEL DAM								.05	.03	.02	.04	.03						.02							.19
SMITHVILLE	.03	.08	.02							.03	.02	.07	.03	.10	.05	.10	.05	.07	.03		.05				.73
STUTTGART 9ESE	.01	.04				.01		.03	.03		.01	.02	.01												.16
TEXARKANA WB AP //								.02	.03	.01	.04														.10
WALDRON						.03	.09					.03	.06		.02	.03	.02								.28
WEDINGTON LAKE			.07	.10	.07	.06	.07	.08	.02	.05	.05	.10	.11	.01											.79
WEST FORK				.08	.06	.06	.06	.03	.05	.01	.01		.10												.46
WHEELING									.03	.07	.05	.10	.02	.03	.10	.10	.02								.52
WING							.05	.10	.05	.10		.03			.02	.05	.05	.05							.50
-29th-																									
ALICIA									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BULL SHOALS DAM									.10																.10
CANAAN										.05															.05
HARDY			.02						.17																.19
MAUMEE									.05	.15															.20
PARTHENON												.03													.03
PYATT									.02		.28	.02	.01												.33
WHEELING									.13																.13
WINFREY										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-30th-																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEBER SPRINGS 3SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUNTSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT IDA 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINFREY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5

DAILY TEMPERATURES

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALUM FORK	MAX	70	70	76	73	70	62	65	67	60	56	64	54	64	70	68	76	75	69		62	53	53	53	60	70	69	58	59	54	60		64.1
	MIN	60	52	53	53	51	50	39	38	35	30	32	43	42	39	40	58	35	50		30	31	34	34	32	33	49	40	34	31	27		40.5
ARKAOELPHIA	MAX	70	72	70	78	76	65	69	69	70	53	60	65	50	61	69	63	76	70	76	48	64	52	55	55	60		64	60	48	55		63.6
	MIN	60	50	51	52	53	45	32	35	37	28	28	28	41	41	35	36	35	36	42	32	33	37	31	33	32	32	40	41	29	24		37.6
ASHOOWN	MAX	79	68	80	82	64	67	68	70	44	61	65	50	64	67	65	77	70	74	51	64	55	55	53	60	74	66	56	54	55	56		63.8
	MIN	52	46	53	52	43	31	38	43	25	27	34	37	38	38	48	33	36	42	28	32	33	29	29	33	41	41	43	28	28	28		37.0
BATESVILLE AIRWAY	MAX	69	74	72	76	63	67	65	66	56	57	66	55	60	71	73	75	64	65	62	57	48	54	50	59	69	63	56	46	51	60		62.3
	MIN	60	57	57	58	50	41	33	36	35	32	33	45	38	34	37	44	34	52	39	35	37	29	27	32	37	38	32	32	28	25		38.9
BATESVILLE LIVESTCK	MAX	70	70	74	71	75	63	66	65	65	47	60	60	49	60	70	73	75	65	63	44	57	49	53	51	58	69	63	60	45	50		61.3
	MIN	59	54	54	55	53	46	29	33	40	29	30	43	32	32	35	46	30	45	41	31	32	29	21	28	35	35	29	41	23	24		37.1
BEE BRANCH	MAX	70	67	72	75	70	66	65	65	62	56	64	57	64	68	70	74	72	68	59	56	55	53	51	55	69	67	59	51	51	58		63.0
	MIN	57	54	54	54	50	46	33	35	34	29	29	43	35	33	35	56	33	45	37	32	32	32	28	30	30	47	37	33	28	24		38.2
BENTON BENTON	MAX	70	74	70	76	74	65	66	68	71	47	59	65	49	61	69	63	76	69	73	50	62	50	55	54	54	73	63	61	59	53		63.3
	MIN	55	50	48	53	53	46	45	30	34	26	25	31	36	35	32	36	33	36	42	31	31	36	31	30	28	32	33	39	20	22		36.0
BENTONVILLE	MAX	81	72	60	70	78	56	60	64	65	39	57	64	48	65	66	72	70	68	73	34	54	50	38	54	54	68	59	49	36	47		59.0
	MIN	55	53	55	55	44	39	31	37	32	26	27	34	30	30	37	38	30	33	32	25	25	24	18	18	35	37	30	32	14	16		33.1
BETHESOA	MAX	72	68	71	71	75	63	65	65	66	47	55	66	50	61	70	73	78	65	62	56	57	48	52	50	58	70	62	59	43	50		61.6
	MIN	56	54	53	55	52	46	27	31	42	23	25	42	29	28	30	45	28	42	42	27	28	28	20	25	29	44	25	38	22	19		35.2
BLYTHEVILLE	MAX	72	74	74	68	80	63	65	69	70	65	58	68	55	59	68	73	65	61	62	52	56	60	54	50	58	70	64	57	48	49		62.9
	MIN	56	51	59	58	60	44	33	41	45	33	34	38	42	38	43	43	38	38	38	36	39	40	30	30	20	42	37	37	30	30		40.1
BOONEVILLE	MAX														76	74	77	79	72	76	70	55	57	56	48	74	73	73	63	58	55		-
	MIN													35	36	34	35	33	34	32	31	33	31	20	29	35	50	35	34	33	33		-
BRINKLEY	MAX	72	75	75	81	77	69	70	72	63	60	68	57	62	71	74	67	68	66	63								58	53	52	61		66.7
	MIN	58	57	55	55	54	44	34	39	38	30	30	44	42	35	40	57	38	50	43								39	36	26	25		42.1
CAMOEN 1	MAX	73	73	70	80	81	65	69	70	74	61	61	68								52	66	51	55	56	61	74						-
	MIN	58	52	52	54	54	45	32	32	36	30	29	29								37	38	40	32	31	33	34						-
CAMP CHAFFEE	MAX	84	74	66	76	82	62	67	72	72	53	63	68	52	65	72	76	77	72	78	44	59	50	48	56	55	74	65	58	41	56		64.6
	MIN	62	55	59	60	51	44	30	41	39	26	37	38	40	31	34	37	39	41	38	32	36	34	18	26	35	39	32	40	25	21		38.0
CONWAY	MAX	72	69	77	78	73	66	69	69	57	58	66	56	64	72	72	77	68	72	63	61	52	54	53	60	74	67	59	51	53	61		64.8
	MIN	58	51	52	55	52	47	32	37	36	28	30	45	40	35	35	57	35	55	41	32	36	33	29	33	34	50	35	35	26	24		39.6
CORNING	MAX	78	72	76	66	79	62	65	65	67	54	55	65	52	58	69	73	69	68	62	47	56	54	56	48	59	70	57	53	45	50		61.7
	MIN	48	57	56	57	57	49	33	37	42	31	30	45	38	33	37	39	33	36	44	37	32	36	27	29	36	47	34	35	28	25		38.9
CROSSETT	MAX	74	75	81	79	80	71	71	73	66	66	75	83	62	59	65	73	75	70	65	68	67	57	52	64	74	69	64	55	53	60		68.2
	MIN	61	52	48	55	55	38	32	35	42	28	30	43	47	46	38	59	40	55	44	30	33	45	31	27	30	56	40	41	28	23		41.1
CUMMINS FARM	MAX	70	70	75	79	77	68	67	71	60	58	65	55	60	68	65	70	68	67	63	62	53	52	52	60	71	65	58	51	49	57		63.5
	MIN	56	52	50	54	51	42	33	36	36	30	28	43	43	36	33	55	38	50	42	34	36	40	32	32	32	54	40	36	28	25		39.9
OAROANELLE	MAX	72	76	69	75	78	65	67	67	69	45	59	68	50	63	72	73	78	68	73	46	60	57	53	54	56	73	59	59	46	52		63.0
	MIN	52	52	53	53	53	50	32	32	32	26	26	26	29	35	35	35	35	35	44	3	3	32	26	26	26	33	33	33	27	24		35.4
OE QUEEN	MAX	78	75	78	1	76	65	65	68	65	61	64	56	62	63	64	76	66	67	75	62	61	59	52	59	62	65	60	58	54	57		65.1
	MIN	61	49	47	51	50	41	30	40	39	25	27	45	40	38	39	44	41	34	41	30	29	30	28	30	34	45	40	45	24	24		38.0
OES ARC	MAX	71	71	71	75	76	59	67	67	70	62	57	66	52	59	68	71	69	68	68	49	68	48	53	50	59	71	69	53	46	50		62.8
	MIN	55	59	55	56	54	44	33	37	38	30	31	32	44	35	37	40	35	36	44	35	35	40	31	32	36	40	39	39	26	26		39.1
OEVILS KNOB	MAX	71	68	70	70	68	65	63	62	60	58	60	62	63	65	66	64	67	62	50	46	54	52	50	51	64	65						61.4
	MIN	56	52	50	51	44	42	40	43	34	28	40	44	35	34	48	54	42	40	30	25	34	24	26	31	41	54						40.1
OUMAS 1	MAX	71	72	78	82	75	69	70	73	60	60	65	54	60	65	66	69	68	70	63	65	55	54	53	65	73	67	57	53	50	58		64.7
	MIN	58	55	54	58	57	43	34	37	33	33	30	46	48	41	37	54	36	40	45	37	40	42	34	35	36	55	43	40	30	27		41.9
EL OORADO	MAX	83		73	82	83	64	72	72	74	62	65	70	52	65	68	65	76	75	76	56	68	57	60	56	63	75	70	70	68	58		68.2
	MIN	63	50	50	51	54	43	35	36	42	30	31	35	44	43	42	49	38	40	41	33	34	42	34	32	34	39	41	42	28	27		40.1
EUREKA SPRINGS	MAX	74	62	64	76	72	59	64	65	59	52	62	54	60	64	72	73	67	74	67	49	51	43	48	46	67	62	49	46	45	52		59.9
	MIN	51	57	55	58	46	44	37	45	34	30	44	44	35	45	48	52	40	52	31	28	35	26	21	37	39	42	37	34	21	32		40.0
FAYETTEVILLE	MAX	74	60	72	77	67	59	63	65	60	55	62	54	63	67	71	70	65	73	57	54	51	43	52	48	67	58	55	48	50	54		60.5
	MIN	57	53	55	60	45	40	28	50	33	30	41	43	39	42	37	49	32	54	29	27	37	25	19	36	41	41	30	31	19	23		38.2
FAYETTEVILLE EX S	MAX	74	64	72	76	71	58	62	65	61	55	62	54	64	68	71	71	67	73	64	55	51	43	54	48	68	63	54	49	51	56		61.5
	MIN	56	53	55	60	45	39	30	48	32	29	39	42	39	39	38	54	33	55	30	26	34	25	18	36	39	38	31	31	17	24		37.8
FOROYCE	MAX	70	71	79	83	75	68	70	69	60	60	62	60	60	62	69	70	75	73	64	65	63	55	60	61	74	71	75	66	54	60		66.8
	MIN	60	60	52	59	52	43	32	45	39	30	42	45	45	40	43	41	40	58	42	32	47	40	35	36	42	49	41	40	38	30		43.3
FORT SMITH WB AIRPORT	MAX	72	63	77	82	63	65	68	71	51	59	66	51	62	72	73	76	70	77	47	57	50	48	55	55	73	64	57	50	54	58		62.9
	MIN	55	55	57	55	50	43	33	44	37	30	31	41	41	36	37	42	32	47	36	29	38	25	19	32	37	39	36	32	24	24		37.9
GILBERT	MAX	80	71	68	73	76	65	63	66	67	44	51	67	51	63	73	75	76	68	68	43	61	63	51	53	59	70	54	60	39	50		62.3
	MIN	50	53	56	50	49	48	24	33	37	21	21	24	29	28	28	29	25	26	40	30	25	23	16	18	28	41	30	32	16	18		31.6
GRANNIS	MAX	72	62	75	79	62	63	65	63	41	60	65	49	64	67	64	74	64	63	44	59	59	52	53	58	71	64	59	46	55	57		61.0
	MIN	48	50	50	49	41	38	40	37	27	33	35	35	37	37	42	36	36	36	26	32	32	27	30	31	40	40	43	28	27	30		36.4
GRAVETTE	MAX	72	63	71	78	74	60	65	65	57	55	63	59	64	66	72	69	68	73	63	53	46	42	54	47	62	61	50	47	50	55		60.8
	MIN	56	54	55	64	43	38	30	44	32	24	37	43	31	42	38	53	31	49	29	26	33	22	18	33	37	39	34	31	14	21		36.7
GREEN MOUNTAIN	MAX	59	63	61	67	60	68	64	54	52	47	54	51	57	69	71	68	53		46	60	61	52	51	54	61	57	50	40	34	42		56.1
	MIN	47	54	50	48	47	52	51	42	34	2	37	32	39	42	47	39	37	36	34	31	33	30	28	30	33	32	29	28	20	30		37.3
HARRISON	MAX	74	68	70	72	71	60	78	67	58	55	65	55	62	70	75	75	75	72	64	57	55	48	53	57	69	62	51	50	48	55		63.0
	MIN	57	55	56	55	48	45	52	35	32	27	28	28	32	30	32	54	28	48	33	28	28	26	17	26	31	41	25	31	15	20		35.4
HARRISON CAA	MAX	67	68	70	77	63	61	66	68	57	55	65	54	61	71	75	75	68	71	50	57	55	47	52	52	70	57	51	45	48	55		61.0
	MIN	57	56	56	54	48	33	28	36	30	26	29	39	32	31	32	34	30	49	33	30	29	21	18	29	38	30	25	28	18	20		34.0
HELENA	MAX	70	71	70	71	79	64	65	67	69	57	57	65	54	60	66	68	66	65	63	50	58	60	52	51	57	67	63	53	49	48		62.2
	MIN	57	58	55	56	58	45	39	38	40	[illegible]	34	34	47	40	40	40	44	44	47	40	37	42	34	33	36	40	46	46	31	30		42.2
HOPE	MAX	73	46	67	80	80	64	67	68	71	45	51	37	50	63	72	64	76	71	77	50	63	53	55	55	60	74	68	55	49	56		62.3
	MIN	61	52	51	54	52	45	34	39	44	30	30	36	38	40	40	49	38	40	41	35	36	34	31	30	38	49	41	44	27	26		40.2
HOT SPRINGS	MAX	72	70	78	73	70	67	63	68	61	59	64	57	64	69	61	75	71	68	62	61	53	55	54	60	72	67	59	53	54	59		64.0
	MIN	61	54	51	58	51	48	38	39	36	33	38	44	40	44	44	56	41	53	39	34	45	35	31	39	43	52	41	35	30	31		42.8
JONESBORO	MAX	70	70	69	79	61	64	65	68	58	56	65	53	58	67	72	66	66	63	58	55	50	51	47	58	69	65	58	45	49	58		61.1
	MIN	56	56	55	55	55	48	36	38	39	33	33	39	41	35	36	40	37	38	42	35	33	37	30	30	34	36	37	37	27	27		39.2

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KEO	MAX	73	70	77	75	74	67	68	70	59	59	66	55	62	70	71	74	67	70	63	63	52	53	54	62	73	68	61	52	52	60		64.7
	MIN	59	55	53	56	53	45	34	37	37	30	30	45	44	38	39	58	37	53	43	35	37	37	32	34	37	52	40	38	28	27		41.4
LEAD HILL	MAX	68	68	73	77	66	62	62	63	56	55	63	54	60	70	76		68	72	60	58	55	48	52	52	70	59	[illegible]	48	50	58		61.2
	MIN	53	55	55	51	49	44	27	35	33	25	23	45	31	29	31	49	28	50	35	31	23	21	13	24	28	35	24	32	14	19		33.7
LITTLE ROCK WB AP	MAX	71	70	76	74	63	64	65	69	60	57	65	50	59	70	69	76	65	70	54	61	49	52	48	60	72	65	60	48	52	57		62.4
	MIN	58	56	54	60	49	49	40	40	38	32	33	46	45	40	42	53	41	54	43	35	41	38	35	34	37	47	41	35	31	30		42.6
LUTHERVILLE	MAX	70	65	70	78	70	64	63	65	61	55	64	59	61	67	70	75	65	67	63	55	56	51	51	50	70	67	65	54	54	57		62.7
	MIN	60	52	53	57	48	45	37	54	36	27	32	43	40	38	42	55	36	54	34	29	38	32	24	32	35	44	38	34	24	28		40.0
MAGNOLIA	MAX	75	73	83	81	80	69	70	72	65	63	67	62	61	66	63	78	73	79	65	68	63	56	55	67	75	71	65	56	60	62		68.1
	MIN	64	51	51	60	51	43	39	44	40	29	34	45	44	48	42	59	42	59	41	33	48	37	36	33	39	62	42	29	28	30		43.4
MALVERN	MAX	71	74	69	77	74	65	67	68	71	46	59	65	49		69	73	77	69	70	48	63	50	55	55	60	73	65	60	43	54		63.4
	MIN	60	52	52	57	53	47	34	38	45	29	29	36	42		37	39	38	44	42	32	37	37	37	35	33	47	41	41	29	26		40.3
MAMMOTH SPRING	MAX	78	74	75	78	75	70	65	59	52	49	66	65	67	64	63	65	66	69	60	61	64	50	49	56	57	62	57	57	54	46		62.4
	MIN	42	49	46	45	47	45	40	40	29	24	23	25	24	23	22	26	26	23	23	22	24	23	20	24	25	30	22	23	20	19		29.1
MARIANNA	MAX	71	71	73	80	61	65	68	70	65	59	65	53	59	68													57	46	61	61		-
	MIN	57	60	52	54	58	43	33	37	43	30	30	37	44	35	38	46	37	45	44	36	38	41	31	29	35	53	41	45	28	25		40.8
MARKED TREE	MAX	74	74	73	71	80	62	66	66	71	63	59	65	53	60	70	70	66	66	63	51	58	56	54	54	59	69	64	51	45	48		62.7
	MIN	55	58	53	54	57	45	33	35	35	31	30	34	39	33	34	44	34	45	42	35	32	39	29	30	36	37	37	38	28	27		38.6
MARSHALL	MAX	78	68	73	75	70	62	64	65	60	55	65	56	65	73	74	65	64	68	60	60	59	53	56	59	69	55	58	50	52	53		62.8
	MIN	59	59	57	58	50	48	30	44	31	30	36	43	34	36	36	50	31	36	31	31	45	26	20	35	40	46	30	31	15	22		38.0
MENA	MAX	71	65	79	80	73	63	68	69	60	60	66	55	65	71	68	74	70	75	62	62	56	52	56	60	71	64	56	51	56	59		64.6
	MIN	62	50	52	58	48	43	34	44	36	28	38	43	37	41	41	57	35	50	37	29	40	30	25	32	39	45	36	35	24	27		39.9
MONTICELLO	MAX	70	70	77	79	76	68	69	72	68	61	66	55	61	69	64	71	72	70	52	61	60	54	51	61	72	67	61	52	46	60		64.5
	MIN	61	53	52	59	47	44	43	45	39	30	35	45	46	44	40	59	46	49	43	36	47	38	36	34	41	40	45	36	30	29		43.1
MORRILTON	MAX	72	71	69	76	78	65	65	68	68	47	57	66	50	62	70	71	76	66	69	46	59	52	52	52	57	71	59	60	47	51		62.4
	MIN	52	53	54	56	53	51	34	35	42	30	30	32	44	37	39	36	37	38	43	34	36	34	30	31	33	40	34	36	30	27		38.7
MOUNT IDA 1	MAX	67	64	78	78	74	72	71	70	62	63	62	68	71	72	68	77	67	61	56	61	60	58	62	71	75	63	70	60	57	59		66.6
	MIN	48	43	52	57	45	30	36	33	36	21	20	34	36	34	33	54	26	46	32	36	32	26	30	32	34	34	35	33	18	17		34.8
MOUNT MAGAZINE	MAX	64	60	65	67	64	53	56	58	54	49	56	48	55	62	63	65	58	60	59	50	49	39	44	45	62	60	50	47	42	50		55.1
	MIN	55	48	50	55	41	33	43	52	28	29	43	39	39	45	49	52	52	50	27	25	38	23	28	32	41	43	38	27	21	37		39.4
MOUNTAIN HOME	MAX	70	69	71	76	71	62	65	67	58	53	67	54	58	69	75	76	74	66	59	56	55	48	50	51	55	65	68	49	46	55		61.9
	MIN	55	56	58	53	50	41	30	39	32	23	28	43	34	33	35	54	31	41	35	33	31	29	20	28	31	30	31	32	20	20		35.9
NASHVILLE	MAX	73	74	65	79	81	65	68	68	71	46	61	65	50	64	70	64	78	69	72	50	62	54	55	59	60	74	70		55	55		64.7
	MIN	62	51	49	49	52	44	33	38	40	28	28	31	38	37	37	41	36	36	40	31	38	31	29	30	33	41	41		25	25		37.7
NEWPORT	MAX	71	72	72	77	60	67	67	70	58	58	67	52	60	70	75	71	69	67	62	58	49	53	48	62	70	[illegible]	[illegible]	[illegible]	51	60		62.8
	MIN	58	60	58	58	58	49	35	37	40	31	33	36	36	35	37	40	35	38	44	36	34	38	31	31	34	38	[illegible]	[illegible]	31	26		39.8
NIMROD DAM	MAX	76	76	66	76	72	68	66	73	74	54	64	65	50	66	68	71	75	66	65	52	60	54	52	51	59	72	61	64	44	55		63.8
	MIN	57	49	53	56	50	47	29	34	40	26	26	29	38	33	35	36	31	34	39	28	32	30	23	26	31	45	29	33	27	22		35.6
NORFORK DAM	MAX	79	72	71	73	78	66	65	67	67	47	55	68	51	57	72	76	78	67	69	46	58	55	50	53	59	71	54	57	46	50		62.6
	MIN	54	53	58	51	52	50	28	32	37	26	26	26	38	30	32	38	30	32	31	36	32	28	20	24	28	34	33	34	22	20		34.5
ODEN	MAX						67	62	64	64	72	65	68	71	75	68	68	48	63	55	52	57	59	72	61	58		58	61	59	48		62.3
	MIN						41	29	28	45	36	47	31		46	34	48	39	32	35	32	26	36	37	38	29		31	24	24	33		34.8
OKAY	MAX	77	77	80	82	80	76	69	70	70	70	70	70	69	70	70	78	78	78	78	64	60	60	56	62	74	70	66	54	57	62		69.9
	MIN	62	51	51	51	45	38	32	32	32	29	29	29	36	39	38	34	34	34	35	33	46	33	30	32	41	58	42	43	28	24		38.0
OZARK	MAX	78	68	67	70	80	60	65	65	68	50	57	65	50	50	68	71	75	66	70	40	54	54	50	50	49	70	58	50	40	49		60.2
	MIN	62	54	56	58	58	48	35	35	43	27	27	29	39	35	27	27	34	34	40	33	33	29	23	23	29	42	34	35	24	23		36.5
PARAGOULD	MAX	73	74	68	80	75	64	65	67	59	55	64	56	59	66	70	67	66	64	61	53	56	51	48	56	67	67	54	52	49	57		62.1
	MIN	50	50	54	53	53	43	32	33	35	29	27	49	40	33	36	57	33	48	42	35	30	39	30	29	34	54	37	34	29	26		39.1
PERRYVILLE	MAX	68	67	69	70	69	70	69	64	60	65	66	68	63	72	76	78	69	62	63	62	60	55	56	60	72	66	60	59	55	58		65.0
	MIN	36	37	38	37	35	37	36	31	31	34	36	38	43	42	40	43	46	38	36	35	34	32	35	34	36	34	29	20	20	28		35.0
PINE BLUFF	MAX	71	65	74	75	75	70	69	71	63	61	66	55	63	72	69	74	69	69	62	66	49	54	54	62	74	67	59	53	51	61		64.8
	MIN	61	54	55	60	59	49	39	41	40	33	34	46	46	43	42	56	44	56	46	38	41	41	36	37	38	56	44	38	29	29		44.4
PINE BLUFF CAA	MAX	70	69	77	79	77	68	68	70	63	60	65	53	62	70	67	72	68	70	56	64	50	52	53	62	73	67	58	51	51	60		64.2
	MIN	59	54	54	59	47	43	35	40	39	32	31	46	44	41	39	51	41	53	43	37	40	37	35	35	35	46	42	35	28	28		41.6
POCAHONTAS 1	MAX	73	74	68	77	73	67	66	67	58	55	65	56	60	71	72	69	68	67	61	66	50	54	49	58	68	65	58	50	50	58		63.1
	MIN	52	58	57	52	55	47	31	36	35	27	26	43	37	30	31	54	32	32	39	35	30	33	26	27	30	47	34	32	25	22		37.2
PORTLAND	MAX	83	80	78	78	85	82	83	82	80	72	77	82	72	74	69	78	70	72	70	63	64	70	72	65	63	72	69	68	60	63		73.2
	MIN	63	53	50	51	56	42	36	34	34	31	28	28	41	42	40	40	42	42	43	35	36	45	36	30	30	35	43	41	29	26		39.4
PRESCOTT	MAX	73	76	66	78	78	64	67	68	72	53	60	65	50	60	68	63	77	70	75	60	62	52	50	56	59	73	65	57	50	54		64.0
	MIN	60	50	50	50	51	43	33	33	37	28	28	30	38	37	41	42	39	39	39	33	33	35	33	33	35	41	38	38	26	25		37.9
ROGERS	MAX	75	66	70	79	75	61	66	66	60	57	65	53	64	68	74	71	70	74	60	54	50	45	55	47	68	58	49	45	53	48		61.5
	MIN	53	50	55	58	55	39	30	42	33	24	34	43	32	39	40	52	32	50	30	25	32	23	18	31	31	41	33	31	23	17		36.5
RUSSELLVILLE	MAX	73	68	74	77	73	66	68	68	63	59	66	58	64	71	73	78	68	72	64	58	57	52	52	54	73	66	60	56	52	60		64.8
	MIN	59	54	54	56	53	50	31	39	35	26	28	45	45	35	35	58	33	53	40	34	34	31	25	30	32	48	33	36	28	23		39.4
SAINT CHARLES	MAX	71	72	77	80	63	67	68	72	63	60	66	53	62	70	72	68	68	67	50	50	61	52	66	52	62	72	62	53	48	52		63.3
	MIN	57	52	55	57	43	33	35	45	31	30	42	44	38	37	42	39	47	46	37	37	35	42	32	32	34	55	44	45	31	27		40.8
SEARCY	MAX	72	72	76	78	63	69	68	72	57	59	67	55	62	70	74	72	68	67	48	60	51	56	52	69	72	64	52	44	54	62		63.5
	MIN	57	57	56	57	53	47	36	36	38	30	30	45	41	35	37	57	36	48	43	35	32	36	32	32	31	52	38	34	27	26		40.5
SHERIDAN	MAX	73	71	69	76	70	67	69	70	65	67	65		60	71	69	76	67	74	51	62	59	55	53	60	72	69	63	67	64	50		65.7
	MIN	46	48	46	58	40	33	31	62	31	32	29		36	43	35	54	54	41	39	29	39	35	25	32	32	55	29	32	29	27		38.7
SILOAM SPRINGS	MAX	74	60	72	79	75	60	65	66	56	58	64	55	66	68	71	71	67	73	62	55	48	43	54	49	69	62	55	48	52	57		61.8
	MIN	55	55	55	61	45	39	31	31	34	26	39	43	37	39	39	38	31	54	31	25	33	24	18	34	38	39	34	31	18	22		36.6
STUTTGART	MAX	70	70	74	78	59	65	67	69	60	57	60	50	60	61	70	68	67	67	49	62	49	51	36	60	73	61	55	47	49	59		60.8
	MIN	58	53	56	54	44	38	40	42	31	33	35	46	40	40	41	41	40	45	35	35	42	35	35	35	41	43	45	29	29	29		40.3
STUTTGART 9ESE	MAX	70	71	70	74	75	59	66	67	69	62	58	65	50	60	68	69	68	67	67	47	61	50	52	56	59	70		53	48	50		62.1
	MIN	60	57	52	56	58	44	30	38	44	31	32	35	42	39	39	40	41	41	44	36	37	43	35	33	35	41		44	30	28		40.9
SUBIACO	MAX	75	69	71	78	74	62	66	69	63	55	65	58	59	68	72	75	67	73	65	53	51	50	49	49	72	67	58	55	49	54		63.0
	MIN	59	54	57	57	50	46	34	43	34	31	30	44	44	40	37	57	35	50	36	32	37	30	24	31	34	46	37	33	27	25		39.8

See reference notes following Station Index.

Table 5-Continued

DAILY TEMPERATURES

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
TEXARKANA WB AIRPORT	MAX	79	68	80	82	65	67	68	70	63	61	65	51	64	66	64	76	72	77	53	64	56	54	55	60	74	68	57	50	55	60		64.8
	MIN	60	54	52	60	53	44	38	44	34	31	37	46	42	46	44	52	39	48	42	34	40	35	33	35	45	49	44	36	29	29		42.5
TURNPIKE	MAX	63	63	67	75	65	58	60	62	55	52	60	52	60	64	69	61	69	74	57	52	54	50	60	60	64	60	55	47	47	55		59.7
	MIN	54	50	40	41	50	40	40	35	29	30	39	38	38	36	40	43	50	46	28	23	41	26	33	32	36	43	36	23	22	34		37.4
WALDRON	MAX	72	69	80	80	77	63	69	70	62	60	66	60	66	73	73	77	70	78	66	63	60	50	55	59	72	70	59	56	56	60		66.4
	MIN	56	50	55	57	49	44	28	39	35	23	25	43	36	31	31	56	29	54	37	27	32	33	19	27	32	3	29	33	22	20		36.3
WARREN	MAX	76	71	71	76	75	78	75	82	75	61	66	78	72	70	72	73	76	71	72	69	67	56	53	59	73	73	67	53	53	53		68.9
	MIN	63	56	56	54	45	50	40	55	39	34	35	36	43	44	38	56	47	49	43	36	42	46	36	35	35	52	43	41	31	27		43.6
WHITE ROCK	MAX	65	65	66	72	67	59	60	62	58	62	59	52	59	64		68	60	67	60	60	52	47	48	46	64	59	56	50	46	54		58.9
	MIN	58	48	55	55	42	39	41	39	30	30	32	39	38	44	46	48	42	50	26	24	40	26	27	30	36	46	39	28	23	33		38.5
WYNNE	MAX	71	68	72	79	76	65	66	68	63	57	64	63	59	68	71	62	66	65	62	57	54	52	51	58	69	65	53	51	50	59		62.8
	MIN	59	60	55	57	52	46	35	44	37	32	34	44	46		43	57	37	53	43	36	41	41	32	30	38	51	40	35	28	28		42.6

See reference notes following Station Index.

TABLE 6

DAILY EVAPORATION (INCHES) AND WIND MOVEMENT (MILES)

ARKANSAS
NOVEMBER 1948

STATION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	DEPARTURE FROM NORMAL
[illegible]	EVAP	[illegible]	-	.133	.116	-	.168	.171	.117	.018	-	-	-	.014	.077	.119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	
	WIND	[illegible]	[illegible]	40	57	118	108	[illegible]	31	58	47	37	187	[illegible]	23	18	87	99	68	60	164	14	4	82	3	100	83	[illegible]	14	4	13		[illegible]	
[illegible]	EVAP	-	-	[illegible]	.121	[illegible]	.151	.139	.112	.070	•	.144	.091	.026	•	.105	.040	.141	.056	.028	.300	•	.104	•	.115	[illegible]	[illegible]	[illegible]	[illegible]	-	-		[illegible]	
	WIND	•	59	40	43	[illegible]	[illegible]	42	27	36	41	31	22	17	•	28	28	50	33	85	99	•	51	•	52	15	64	3	[illegible]	[illegible]	[illegible]		[illegible]	
NIMROD DAM	EVAP	[illegible]	.128	[illegible]	.162	[illegible]	[illegible]	072	.108	[illegible]	-	.116	.052	.028	.072	[illegible]	.050	.078	.172	.068	.110	.100	.038	.094	.072	[illegible]	.080	-	-	-	-		[illegible]	
	WIND	6	13	[illegible]	10	[illegible]	160	[illegible]	4	33	31	29	[illegible]	3	3	1	26	27	25	41	111	30	45	18	25	49	43	10	[illegible]	4	[illegible]		[illegible]	
NORFORK DAM	EVAP	.118	-	-	.188	[illegible]	-	[illegible]	.102	.044	-	-	-	.010	.082	.048	.069	.123	.089	.075	.114	.022	-	-	-	-	-	-	-	-	-		-	
	WIND	[illegible]	4	18	1	81	89	[illegible]	36	33	22	23	54	25	30	18	40	54	57	91	152	44	13	25	17	29	[illegible]	10	[illegible]	13	[illegible]		[illegible]	
STUTTGART 9 MI. ESE	EVAP	[illegible]	[illegible]	[illegible]	.081	.114	[illegible]	[illegible]	.083	.075	.048	.065	.098	.034	049	[illegible]	.020	.036	.050	.047	.071	.075	-	.047	.033	.047	.089	•	[illegible]	-	-		[illegible]	
	WIND	[illegible]	[illegible]	65	[illegible]	170	95	[illegible]	15	[illegible]	80	35	[illegible]	14	56	23	74	42	54	107	123	49	21	23	9	51	122	•	119	[illegible]	[illegible]		[illegible]	

TABLE 7

DAILY RIVER STAGES (FEET)

RIVER AND STATION	FLOOD STAGE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	HIGHEST (OR CREST)	DATE	LOWEST	DATE
BUFFALO																																				
GILBERT	30	3.3	3.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.6	3.6	3.6	3.6	[illegible]	3.5	3.5	[illegible]	[illegible]	3.5	3.5	3.4	3.5	3.5	3.5	3.5	3.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
BLACK																																				
BLACK ROCK	14	1.4	1.5	[illegible]	2.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.2	[illegible]	2.3	[illegible]	2.3	2.2	2.1	2.0	2.0	3.4	3.9	3.7	3.5	3.4	3.3	3.1	3.0	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	
WHITE																																				
COTTER	21	1.0	1.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.2	2.1	3.0	2.1	2.2	1.8	1.7	1.8	1.8	2.4	1.9	1.5	1.3	1.6	1.7	1.7	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
BATESVILLE LOCK & DAM 1	23	5.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.6	7.0	6.6	6.6	6.7	6.5	6.4	6.3	6.2	6.3	7.2	6.8	6.3	6.4	5.1	6.3	6.0	6.2	5.7	6.3	[illegible]	[illegible]					
NEWPORT	26	1.0	1.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	2.2	2.5	2.2	2.2	2.2	2.0	1.9	1.7	1.8	2.2	3.7	3.5	3.1	2.7	2.5	2.4	2.2	2.2	2.0	2.3	[illegible]		[illegible]	[illegible]		
GEORGETOWN	21	0.1	0.3	0.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.8	2.9	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.7	4.1	4.6	4.7	4.4	4.0	[illegible]	[illegible]	3.2	[illegible]	[illegible]		[illegible]			[illegible]
CLARENDON	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.0	10.5	10.7	10.8	10.8	10.7	10.8	11.0	11.2	11.2	11.5	11.7	12.0	12.8	13.6	14.0	13.9	13.6	13.3	13.0	[illegible]	12		[illegible]		[illegible]	[illegible]
PETIT JEAN																																				
DANVILLE	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	[illegible]	2.6	[illegible]	[illegible]					
ARKANSAS																																				
VAN BUREN	22	4.5	[illegible]	4.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	7.2	6.6	6.4	6.1	5.8	5.6	5.5	5.2	5.0	5.2	5.2	5.2	5.2	5.0	4.6	4.4	4.9	5.0	4.6	4.4	[illegible]		[illegible]	[illegible]		[illegible]
OZARK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	[illegible]	5.3	4.8	4.2	3.2	2.7	2.4	2.3	2.0	1.8	1.7	1.6	1.6	1.6	1.4	1.4	1.4	1.4	1.3	1.0	1.2	[illegible]	1.4			[illegible]	[illegible]	[illegible]	[illegible]
DARDANELLE	[illegible]	[illegible]	2.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.2	6.9	6.1	5.1	4.4	4.0	3.8	3.5	3.2	3.1	2.8	2.7	2.6	2.7	2.7	2.8	2.7	2.5	2.2	2.2	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]
MORRILTON	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.0	11.6	11.1	10.0	9.3	8.8	8.5	8.1	7.9	7.8	7.6	7.4	7.3	7.4	7.4	7.4	7.3	7.2	6.9	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]
LITTLE ROCK [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.4	[illegible]	1.6	3.8	3.8	3.1	2.5	2.1	1.8	1.7	1.5	1.3	1.5	1.5	1.3	1.1	1.1	1.0	1.0	0.8	0.7	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]
PINE BLUFF	[illegible]	[illegible]	[illegible]	1.5	[illegible]	[illegible]	[illegible]	[illegible]	1.4	1.3	2.9	5.6	5.5	4.8	4.2	3.5	3.3	3.1	2.9	2.7	2.9	2.9	2.8	2.5	2.4	2.3	2.2	2.1	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]
CADDO																																				
GLENWOOD	[illegible]	3.4	3.4	[illegible]	[illegible]	[illegible]	3.4	3.4	3.4	-	-	-	3.5	3.5	3.5	3.5	3.6	3.6	4.2	4.2	4.2	4.4	4.4	4.6	4.6	4.5	4.5	4.4	4.4	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
SALINE																																				
BENTON	20	3.9	6.9	6.2	[illegible]	[illegible]	[illegible]	[illegible]	5.5	5.2	5.1	5.2	5.3	5.4	5.5	[illegible]	5.9	8.6	7.6	12.7	9.2	7.6	7.3	6.8	6.4	6.1	5.9	5.8	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	1
LITTLE MISSOURI																																				
BOUGHTON	20	4.2	4.3	4.4	4.5	4.9	5.2	[illegible]	[illegible]	5:0	4.4	4.4	4.4	4.4	4.4	4.5	4.6	4.7	6.0	7.0	6.8	6.6	6.4	5.6	5.4	5.4	5.3	5.2	5.2	5.2	[illegible]		[illegible]	19	[illegible]	1
OUACHITA																																				
ARKADELPHIA	[illegible]	[illegible]	4.0	[illegible]	3.5	[illegible]	5.3	3.7	3.4	[illegible]	5.0	[illegible]	[illegible]	3.5	3.4	3.4	3.6	6.5	5.1	5.8	6.4	4.8	6.3	5.2	4.2	3.9	3.9	4.5	4.1	3.9	4.0		[illegible]	[illegible]	[illegible]	15
CAMDEN	26	4.2	4.9	4.8	5.0	4.8	4.8	4.7	5.6	4.9	4.5	4.1	4.8	-	-	-	-	-	-	-	9.3	10.0	10.2	10.2	10.3	8.7	[illegible]	-	-	-			-			
LITTLE																																				
WHITECLIFFS	25	0.0	0.0	0.0	0.0	0.0	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.5	2.5	2.5	2.5	2.0	1.5	1.0	1.0	-	-	-	-		-			
RED																																				
FULTON	[illegible]	6.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.0	7.0	6.8	6.4	6.7	7.4	7.5	7.5	7.7	7.6	7.2	7.3	7.4	7.4	7.4	7.3	-	-	-	-					
ST. FRANCIS																																				
ST. FRANCIS	[illegible]	1.9	2.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.7	2.4	2.7	2.6	2.3	2.2	2.1	2.3	2.2	7.7	7.9	9.3	8.5	7.8	8.1	8.7	8.9	9.0	9.1	9.5	9.5		[illegible]	[illegible]	[illegible]	[illegible]
ST. FRANCIS LAKE	30	19.3	19.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20.3	[illegible]	20.4	[illegible]	20.4	20.4	20.3	[illegible]	20.3	20.3	20.3	20.3	20.3	20.3	20.4	20.7	20.8	20.8	20.9	20.8		20.9	[illegible]	[illegible]	1
MARKED TREE	[illegible]	[illegible]	0.6	[illegible]	[illegible]	[illegible]	0.7	[illegible]	[illegible]	[illegible]	[illegible]	0.8	[illegible]	[illegible]	0.8	[illegible]	0.9	0.8	0.8	0.8	1.0	0.9	1.1	1.2	3.3	1.7	1.3	1.1	1.1	1.2	1.2		[illegible]	[illegible]	[illegible]	[illegible]
PARKIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.1	2.1	2.5	2.8	2.9	2.9	3.0	3.0	3.1	3.5	3.8	3.9	4.0	3.9	4.2	4.4	4.0	3.9	4.0	4.0		4.4	[illegible]	[illegible]	1
MADISON	[illegible]	1.2	1.3	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.0	2.1	2.4	[illegible]	2.5	3.0	3.0	3.0	3.0	3.5	3.3	3.0	3.1	3.2	3.4	3.5	4.0	4.1	4.3	4.3	4.3		[illegible]	[illegible]	1	
MISSISSIPPI																																				
HELENA	[illegible]	[illegible]	3.6	3.6	3.4	[illegible]	4.1	5.0	[illegible]	[illegible]	10.4	12.1	13.0	13.3	13.6	13.7	13.4	12.4	11.6	11.5	11.7	11.2	11.4	13.0	15.1	16.5	17.0	17.0	16.7	16.8	17.1		[illegible]	[illegible]	[illegible]	4
ARKANSAS CITY	[illegible]	[illegible]	2.4	2.3	2.3	2.4	[illegible]	2.7	3.5	4.4	5.9	7.9	[illegible]	10.8	11.2	11.4	11.4	11.3	10.6	10.2	10.0	9.9	9.8	10.1	11.1	12.3	13.5	14.0	14.0	13.9	13.9		[illegible]			[illegible]

The following reference notes apply only to Table 7 - Daily River Stages:

Readings are made at approximately 7 a.m. (Local time). They are provisional and subject to corrections. Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a	Obstructed by rough ice.
b	Frozen but open at gage.
c	Upper surface of smooth ice.
d	Ice gorge above gage.
e	Ice gorge below gage.
f	Shore ice
g	Floating ice.
h	Pool stage
i	Dry at gage.
j	Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	3
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	3 4
ALPINE	0118	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	3
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WORKS	2 3 4 5
ALY	0136	YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	400	C		7A		4		BESSIE L. EDWARDS	3
APPLETON	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JONES	3 4
ARKADELPHIA	0220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	DESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	3 7
ASHDOWN	0286	LITTLE RIVER	RED	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARD	RED	34 19	93 58	960	C		7A		0		ARRA D. PARKER	3
ATLANTA	0310	COLUMBIA	OUACHITA	33 07	93 02	329	C		MID		3		MISS EFFIE PERRY	3 4
AUGUSTA	0326	WOODRUFF	WHITE	35 17	91 22	218	C		7A		13		DAVID G. GRIFFITHS	3 4
BATESVILLE AIRWAY	0456	INDEPENDENCE	WHITE	35 46	91 39	363	C	MID	MID	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTOCK	0458	INDEPENDENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & D 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDDLESTON	3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		SOIL CONSER. SERVICE	3 4
BEATY LAKE	0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400	C		5P		7		L. G. ADAMSON	3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTON	3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	0530	WHITE	WHITE	35 04	91 54	250	C		MID		5		JR. AG. COLLEGE	3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	90 38	298	C		8A		7		B. B. HAMMOND.	3
BEEDEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIDGE	3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTON	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	0616	CARROLL	WHITE	36 22	93 34	1255	C		MID		5		LUCILLE R. MC WETHY	3 4
BETHESDA	0644	INDEPENDENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	SOIL CONSER. SERVICE	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 00	92 24	1250	C		7A		2		W. C. NORMAN	3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239	C		7A		3		N. W. DOUGLAS	3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	3 7
BLUE MOUNTAIN DAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MID		8		CORPS OF ENGINEERS	3 4
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLOCK	2 3 5
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAE BURDOCK	2 3 4 5
BOONEVILLE	0830	LOGAN	ARKANSAS	35 09	93 55	511	C		6A		7		CLEO E. YANDELL	3
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 30	1200	C		MID		3		THOMAS M. PEARSON	3 4
BOUGHTON	0848	NEVADA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	3 7
BRADFORD	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HICKMON	3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS DAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MID		1		CORPS OF ENGINEERS	3 4
BURDETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		G. A. HALE	3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P				B. M. WALTHER	3
CALICO ROCK	1132	IZARD	WHITE	36 08	92 08	380	C		7A		43		MRS. M. R. BIGGERS	3 7
CAMDEN 1	1152	OUACHITA	OUACHITA	33 36	92 49	116	C	7A	7A	58	58		JOHN M. KNIGHT	2 3 5 7
CAMDEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MID				EDITH Z. LEHMAN	3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONEY DELL HORTON	3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	3
CARPENTER DAM	1238	GARLAND	OUACHITA	34 27	93 01	-	C		MID		8		ARK. P. & L. CO.	3 4
CLARENDON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MID		8		THOMAS L. SMITH	3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		EARL B. RIDDICK	3
COLO SPRINGS	1520	SCOTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	3
COMBS	1574	MADISON	WHITE	35 50	93 50	1400	C		MID		8		ROSA J. COMBS	3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5		WILLIAM L. BINAM	3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 05	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		O. B. MC SPADDEN	3 7
COVE	1666	POLK	RED	34 26	94 25	1050	C		7A				WILLIAM M. RAYMOND	3
CROSSETT	1730	ASHLEY	OUACHITA	33 02	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIRDA BYRD	3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
DAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		ROBERT T. TEDDER	3 4
DANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		J. A. MOUDY	3 7
DARDANELLE	1838	YELL	ARKANSAS	35 13	93 09	330	C	7A	7A	62	62		GEORGE N. GOODIER	2 3 5 7
DE QUEEN	1948	SEVIER	RED	34 02	94 21	426	C	6P	6P	14	14		L. D. MC COWN	2 3 5
DENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MID		6		CLARENCE E. COLLINS	3 4
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	204	C	7A	7A	12	12		C. J. RISTER	2 3 5
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRADLEY	2 3 5
DUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JOHNSON	2 3 5
DUMAS 2	2150	DESHA	MISSISSIPPI	33 53	91 30	-	C		MID		5		BETTY R. HOLMES	3 4
DURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8		ANNIE A. WHITE	3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	3
EL DORADO	2300	UNION	OUACHITA	33 13	92 40	278	C	7A	7A	47	47		AYLMER H. MC BRIDE	2 3 5
ELKINS	2315	WASHINGTON	WHITE			1364	C	6	6	0	0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOLDS	2 3 5
EVENING SHADE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	3
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORD	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FORDYCE	2540	DALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2544	LITTLE RIVER	RED	33 43	94 24	400	C		MID		8		LESLIE P. CALLONS	3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7A		7		A. L. MC CRAW	3
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MID		8		THOMAS A. MOORE	3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MID	MID	66	66		U. S. WEATHER BUREAU	2 3 4 5
FORT SMITH WTR PLNT	2578	CRAWFORD	ARKANSAS	35 39	94 09	793	C		7A		10		R. J. SCHOEPPE	3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. DENSON	3

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A		62		INA J. LOGAN	3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. O. DENNEY	3
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	1325	C	7A	7A	22	22		PAUL M. JORDAN	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	3
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBED B. WILSON	3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBS	3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A				BILL S. WATSON	3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN D. MAY	3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 4 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MID		6		WAYNE STARK	3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULDIN	3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIDAY	3
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MADISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKELY	3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A				CORPS OF ENGINEERS	3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A				MRS. LETTIE O. DAVIS	3
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C	7P	7P				R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		5		CLAUDIE W. HUNTER	3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MID		3		CECIL E. M[illegible]	3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. [illegible]	3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSON	3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID				L. R. WATER WORKS	3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A				ED ANSEL	3
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A				CATH. T. RUSSELL	3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHARDT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52		JODIE W. MC MULLEN	3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		MR. WILLIAM M. CRICK	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. O. LOWRIE	3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NADINE F. DAVENPORT	3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	DREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	3 4
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		CORPS OF ENGINEERS	3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA 1	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA 2	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MID		4		JOHN WALLBRITTON	3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. O. WORTHINGTON	3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	3
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		ERNEST J. BABBITT	3 4
NASHVILLE	5112	HOWARD	RED	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		SOIL CONSER. SERVICE	3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		CORPS OF ENGINEERS	2 3 4 5 6
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		CORPS OF ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		20		U. S. FOREST SERVICE	3
OKAY	5376	HOWARD	RED	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULD	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KDRS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF CAA	5756	JEFFERSON	ARKANSAS	34 10	91 56	215	C	MID	MID				CAA	3 4
PINE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° '	LONG. ° '	ELEV. (FT.)	TIME OF OBSERVATION ZONE	TIME OF OBSERVATION TEMP.	TIME OF OBSERVATION PRECIP.	YEARS OF RECORD TEMP.	YEARS OF RECORD PRECIP.	YEARS OF RECORD EVAP.	OBSERVER	REFER TO TABLES
PRESCOTT	5908	NEVADA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
PRESCOTT S C S	5910	NEVADA	OUACHITA	33 48	93 23	-	C		MID		7		W. L. MC LEAN	3 4
PYATT	5970	MARION	WHITE	36 16	92 51	800	C		MID		6		ONA V. MC LEAN	3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35 18	93 53	463	C		7A		3		LULA MAE WEEKS	3
RAVANA	6016	MILLER	RED	33 04	94 02	250	C		MID		8		ARNICE C. TAYLO	3 4
RED STAR	6078	MADISON	WHITE	35 51	93 31	2250	C		7A		5		ORVAL F. CALLOWAY	CLOSED 10/4/48
REMMEL DAM	6102	HOT SPRING	OUACHITA	34 26	92 54	-	C		MID		8		ARK. P. & L. CO.	3 4
RISON	6174	CLEVELAND	OUACHITA	33 48	92 11	231	C		8A		32		J. H. YANEY	3
ROCKHOUSE	6214	MADISON	WHITE	36 17	93 40	1214	C		7A		2		CLAUDE D. SISCO	3
ROGERS	6248	BENTON	WHITE	36 18	94 02	1387	C	6P	6P	57	57		HOWARD FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5 6
SAINT CHARLES	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5
SAINT FRANCIS	6380	CLAY	ST. FRANCIS	36 27	90 08	300	C		7A		20		WILLIAM S. BUCKLEY	3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS				C		7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR O. SMITH	2 3 5
SHERIDAN	6566	GRANT	OUACHITA	34 27	92 21	290	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35 38	92 17	600	C		6P		8		MAUD H. BRADFORD	3
SILOAM SPRINGS	6624	BENTON	WHITE	36 11	94 33	1150	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36 05	91 18	450	C		MID		2		NORA F. RUDY	3 4
STAR CITY	6820	LINCOLN	OUACHITA	33 57	91 50	250	C		2P		5		R. A. GOYEN	3
STEVE	6856	YELL	ARKANSAS	34 53	93 19	682	C		7A		4		T. F. SIMS	3
STORY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C		7A		23		S. C. STORY	3
STUTTGART	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	60	60		GEORGE L. CLARK	2 3 5
STUTTGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35 04	93 48	500	C		9A		8		O. R. FENNELL	3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35 29	91 58	300	C		7A		3		SANTFRED REYNOLDS	3
TAYLOR	7038	COLUMBIA	RED	33 06	93 27	247	C		6P		5		YANCY M. NORWOOD	3
TEXARKANA WB AIRPORT	7048	MILLER	RED	33 27	94 00	368	C	MID	MID	63	63		U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33 38	92 21	170	C		7A		5		HENRY S. SPEER	3
TURNPIKE	7262	POPE	ARKANSAS	35 40	93 05	2087	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORD	ARKANSAS	35 26	94 21		C						BEN CORNELUS	7
VICK	7420	BRADLEY	OUACHITA	33 19	92 09	115	C		6P		6		WILLARD K. SHARP	3
VIOLA	7450	FULTON	WHITE	36 24	91 59	692	C		7A		7		A. F. KING	3
WALDRON	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM D. BIVENS	2 3 4 5
WALNUT GROVE	7524	INDEPENDENCE	WHITE	35 51	91 21	250	C		6P		7		A. H. FAST	3
WARREN	7582	BRADLEY	OUACHITA	33 36	92 04	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150	C		MID		3		HARRY E. BIRKINSHA	3 4
WEST FORK	7694	WASHINGTON	WHITE	35 55	94 11	1340	C		MID		8		MRS. N. C. THRELKELD	3 4
WHEELING	7744	FULTON	WHITE	36 19	91 52	680	C		MID		8		THOMAS W. CONE	3 4
WHITECLIFFS	7812	LITTLE RIVER	RED	33 48	94 03	290	C		7A				L. M. SNEAD	3 7
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	11	11		U. S. FOREST SERVICE	2 3 5
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		D. O. ANDERSON	2 3 5
WINFREY	7936	CRAWFORD	ARKANSAS	35 44	94 06	1152	C		MID		8		CLYDE F. MEADORS	3 4
WING	7950	YELL	ARKANSAS	34 57	93 28	350	C		MID		5		MILES B. TURNER	3 4
WYNNE	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
YELLVILLE	8084	MARION	WHITE	36 13	92 41	900	C		7A		3		L. E. JOHNSON	3
NATHAN 4 MI. N.W.	5158	HOWARD	OUACHITA	34 07	93 52	550	C		7A		0		EDNA J. WESTFALL	3
PARTHENON	5602	NEWTON	ARKANSAS	35 57	93 15	925	C		MID		8		ARTHUR B. CARLTON	3 4
BLUFF CITY	0800	NEVADA	OUACHITA	33 41	93 09	360	C		7A		-		R. P. PLYLER	3
JESSIEVILLE	3704	GARLAND	OUACHITA	33 42	93 04	730	C		7A		9		MRS. VELMA R. DUNN	3
SPARKMAN	6768	DALLAS	OUACHITA	33 55	92 48	260	C		6P		5		MRS. RACHEL M.BUTLER	3
MOUNT MAGAZINE		LOGAN	ARKANSAS	35 10	93 41	2800	C	7P	7P	0	0		U.S. FOREST SERVICE	2 3 5
BUFFALO TOWER	1010	NEWTON		33 52	93 30		C		7A				MISS BEULAH FRIEND	3
ROSEBUD	6278	-	-	35 20	92 04	-	C		6P				MR.HARDEN L. LILES	3

REFERENCE NOTES

The four digit idnetification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

When hourly precipitation is accumulated over a period of 3 or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.

- - No record.
- + And also on later dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- 6 Precipitation measured at 6-hourly intervals, no recording gage.
- AR This entry in time of observation column in Station Index means "after rain".
- B Adjusted to a full month.
- E Water-equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record.
- R Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
- T Trace, an amount too small to measure.
- Z Hourly amounts from recording gage at the same site may be found in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi - West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; $1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room 9, U. S. Court House, Fort Worth 2, Texas.

W.B.O., Ft. Worth, Tex., -- 12/28/48 -- 1275

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

MAR 11 1949

CLIMATOLOGICAL DATA

ARKANSAS

U. S. Dept. of Commerce
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DECEMBER 1948

Volume LIII No. 12

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ARKANSAS DECEMBER 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

Mild weather characterized most of the month of December in Arkansas, and near-normal precipitation was fairly evenly distributed throughout the month. The Black River at Black Rock and the Lower White were moderately high around the 15th and during the latter half of the month, but no flooding occurred. Except for interruption by showers, the weather during the month was favorable for outdoor work.

Near-normal temperatures prevailed during the first decade; but from the 12th to the 16th warm weather over-spread the state, with record, or near-record, high readings occurring at most stations. Following this warm wave, which brought temperatures in the 80's in the southern counties and readings to the upper 70's to the northern border, there was a reaction to colder weather, the lowest in the state occurring about the 26th.

During the period from the 7th to the 13th, and from the 20th to the 23rd, rainfall was very light and widely scattered, enabling farmers to do some breaking. The remnant of a record-breaking cotton crop was partially picked, but considerable cotton damaged in the fields as frequent showers prevented picking. Rice threshing was completed at the close of the month. Strawberry fields made good growth and winter grains and cover crops were in good condition.

TEMPERATURE

The mean temperature for the month of December was 44.3° which is 1.5° above normal. Monthly means ranged from 51.3° at Magnolia, to 36.1° at Green Mountain, a difference of 15.2° between the Ozarks in the northwest and the southern border of the state. Extremes ranged from 83° at El Dorado on the 13th to 8° at the Batesville Livestock Station on the 26th. Extremes occurred on approximately these dates in most sections of the state.

PRECIPITATION

The average precipitation in December was 4.03 inches, which is only 0.20 inch less than normal. Monthly totals ranged from 8.18 inches at Paragould to 1.41 inches at Dumas. The heavier totals occurred in northeastern counties, while the lighter amounts were in the southern and southeastern counties. There were eleven stations with a trace of snow, but all measurable amounts of precipitation fell as rain. The greatest amount for any day was 4.68 inches at Conway on the 15th. The average number of days with 0.01 inch or more of precipitation was eight.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

Station	Sea level pressure extremes–inches				Wind speed–m. p. h.				Relative humidity averages–percent				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 a. E. S. T.	Percent of possible	Degree days 65° base
FORT SMITH WB AP	30.65	26	29.50	5	9.1	34	W	5	73	77	57	61	54	653
LITTLE ROCK WB AP	30.79	26	29.63	5	9.2	27	NW	16	75	81	65	68	41	599
TEXARKANA WB AP	30.67	26	29.68	5	-	39	WNW	5	-	76	54	62	16	499

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1891	46.9	72	13	4.69	-	7
1892	40.9	83	-10	8.79	0.7	10
1893	45.4	79	3	1.83	T.	5
1894	44.6	82	-11	3.48	1.3	6
1895	43.8	78	5	3.96	1.4	7
1896	45.8	81	8	0.84	T.	8
1897	40.3	81	10	6.00	2.2	8
1898	39.5	76	-4	1.87	2.9	5
1899	41.0	74	8	4.08	1.3	7
1900	44.9	82	10	2.76	T.	5
1901	38.5	87	-6	4.42	1.3	6
1902	40.8	75	5	5.71	3.3	8
1903	39.7	74	6	3.44	0.7	6
1904	42.9	80	3	5.10	0.6	7
1905	38.5	69	7	4.96	1.4	9
1906	46.5	83	10	5.64	0.2	8
1907	44.4	85	11	2.70	0.7	7
1908	46.0	82	11	1.50	0.2	5
1909	35.3	82	1	5.26	3.2	9
1910	40.8	75	9	3.57	0.8	6
1911	43.0	78	3	7.00	1.0	12
1912	41.7	76	8	2.63	1.2	7
1913	43.6	77	14	3.26	2.3	9
1914	36.1	70	-11	6.26	4.3	12
1915	43.9	78	11	4.73	0.3	7
1916	42.1	82	-16	3.35	4.5	6
1917	34.8	81	-21	1.29	6.2	3
1918	47.6	88	9	5.62	0.2	7
1919	40.4	78	1	1.94	T.	5
1920	43.2	74	6	5.95	0.4	8
1921	47.1	82	11	2.78	T.	6
1922	47.8	86	12	4.59	T.	9
1923	49.1	80	9	6.24	T.	13
1924	41.4	86	-8	3.65	0.3	6
1925	40.2	81	-6	1.71	0.3	3
1926	43.3	79	-3	7.15	2.1	10
1927	40.9	84	-2	4.18	0.1	6
1928	43.4	87	10	4.41	T.	6
1929	44.4	82	-5	3.84	2.7	8
1930	40.6	83	9	2.58	0.9	6
1931	48.7	78	17	7.79	T.	14
1932	39.9	79	-5	7.86	3.6	12
1933	49.3	83	11	5.41	0.1	7
1934	41.5	74	4	3.78	0.2	9
1935	37.6	73	-4	2.95	2.8	5
1936	45.5	78	13	5.32	T.	9
1937	42.2	78	0	4.61	0.1	11
1938	44.6	74	6	2.93	T.	7
1939	45.5	84	5	2.46	1.4	5
1940	46.7	77	14	3.90	T.	9
1941	44.7	80	14	3.67	0.3	7
1942	42.7	80	16	4.87	0.6	10
1943	40.7	82	-5	3.43	0.7	7
1944	38.0	76	4	7.86	0.4	11
1945	37.7	79	-12	2.25	2.1	7
1946	48.3	81	4	4.18	0.6	6
1947	44.2	78	10	4.22	0.2	6
1948	44.3	83	8	4.03	T.	8
PERIOD	42.8	88	-21	4.23	1.1	8

Table 2

CLIMATOLOGICAL DATA

Station	Temperature								Precipitation									
							No. of days						Snow, Sleet, Hail			No. of days		
	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
ALUM FORK	45.0	1.2	75	13	19	26+	0	15	5.83	2.01	3.21	15	.0			9	6	1
ARKAOELPHIA	45.7	1.2	80	14	19	31	0	16	4.11	- 0.93	1.50	16	.0			8	4	3
ASHDOWN	46.5M		80	13	18	30	0	16	2.44		.89	28	.0			10	3	0
BATESVILLE AIRWAY	43.2	2.5	74	12	15	26	0	14	5.36		1.50	15	.0			9	4	3
BATESVILLE LIVESTCK	41.7		74	13	8	26	0	18	5.98		2.34	15	.0			10		3
BEE BRANCH	43.0	1.0	75	13	17	26	0	17	6.33	2.20			.0			6		
BENTON	43.6	1.6	78	14	15	31	0	18	2.62		.96	29	.0			7	3	0
BENTONVILLE	40.2	1.4	76	14+	13	30	0	25	3.30	0.84	1.66	15	.0	T	1+	7		1
BETHESOA	42.0		74	13+	12	26	0	17	5.94				.0			7		
BLYTHEVILLE	44.0	2.1	76	14	18	26	0	16	5.94	1.63	2.12	17	.0			11		2
CAMDEN 1	47.5	2.2	82	14	20	31	0	14	3.15	- 1.85	.85	29	.0			8	5	0
CAMP CHAFFEE	42.8M		81	14	12	30	0		3.38		2.77	15	.0			6	2	1
CONWAY	45.4	2.4	77	13	20	26+	0	12	6.23	1.92	4.68	15	.0			11		1
CORNING	41.9	2.0	74	13	15	26	0	17	6.36	2.67	2.78	15	.0			8	5	3
CROSSETT	49.5	2.9	76	15	17	31	0	11	2.97	- 2.52	1.25	16	.0			7	2	2
CUMMINS FARM	46.2		79	13	20	26	0	13	3.77		1.03	29	.0			8	5	1
OAROANELLE	42.3	- 0.5	79	14	20	31	0	19	3.88	0.34	1.92	15	.0			7	3	2
OE QUEEN	43.9	- 1.3	78	13	18	31	0	19	2.85	- 1.04	1.50	14	.0			5	3	1
OES ARC	44.3		77	14	20	26	0	17	3.20		1.20	29	.0			9	4	1
DEVILS KNOB	40.4M																	
DUMAS 1	48.5	2.2	80	13	22	31	0	12	1.41	- 4.63	.52	16	.0			8	2	0
EL OORAOO	48.9	1.9	83	14	23	31	0	16	2.68	- 3.78	1.03	29	.0			8	3	1
EUREKA SPRINGS	42.1	2.0	77	13	13	30	0	18	3.42	0.44	1.60	14	.0			5	4	2
FAYETTEVILLE	43.1		75	13+	15	30	0	15	4.38		2.56	14	.T	T	1	6	4	1
FAYETTEVILLE EX S	42.7	2.6	76	13	14	30	0	16	3.83	1.05	2.03	14	.T	T	26	7	4	1
FOROYCE	50.2M	4.3	80	13	24	30	0	11	3.62	- 1.36	1.18	29	.0			8	5	1
FORT SMITH WB AIRPORT	43.8	2.0	80	13	20	10	0	15	3.74	0.98	2.09	14	.0			5	4	1
GILBERT	38.6		78	14	10	31	0	28	4.27	0.95	2.15	15	.T			8	3	2
GRANNIS	43.8	- 0.7	77	13	21	29	0	15	4.25	- 0.73	2.35	15	.0			10	4	1
GRAVETTE	42.1	3.6	77	15	12	30	0	21	3.35	0.97	2.10	14	.0			5	4	1
GREEN MOUNTAIN	36.1M				12	26		24	4.54		1.59	15	.0			5	5	2
HARRISON	41.0M	2.4	78	15	13	26	0	21	3.34	0.85	1.63	15	.0			6		2
HARRISON CAA	40.2		78	15	14	26+	0	20	3.53		1.76	14	.T	T	1	8	4	1
HELENA	46.1M	1.9	73	16	23	26+	0	13	3.58	- 1.50	1.65	16	.0			8	4	1
HOPE	47.2	0.4	80	14	22	31	0	15	4.12	- 0.52	1.70	16	.0			7	4	1
HOT SPRINGS	47.2	2.8	79	12	21	26	0	11	3.80	- 0.83	1.66	15	.0			11	3	1
JONESBORO	42.3	1.0	72	12+	16	26+	0	16	6.63	2.25	2.95	16	.0			10	4	3
KEO	46.6		80	13	21	26	0	13	2.52		.78	15	.0			9	4	0
LEAO HILL	40.3	0.9	79	13	11	26	0	21	3.68	0.68	1.52	14	.T			7		
LITTLE ROCK WB AP	45.9	1.7	78	13	21	26	0	12	2.70	- 1.44	1.04	28	.T			8	4	1
LUTHERVILLE	45.3	3.7	78	13	18	26	0	13	5.32	1.14	1.61	15	.0			9	4	3
MAGNOLIA	51.3	2.4	83	13	22	31	0	9	2.25	- 3.49	.96	29	.0			6	3	0
MALVERN	46.2		79	14	19	31	0	15	2.70		.99	30	.0			8	4	0
MAMMOTH SPRING	41.3M	2.0	77	15	11	26	0		4.80	1.53	2.30	15	.0			5	3	3
MARIANNA	46.1	2.2	75	13	18	31	0	15	2.84	- 1.79	.87	29	.0			8	4	0
MARKEO TREE	43.6	2.9	77	14	18	26+	0	16	3.66	- 0.88	1.66	16	.0			7	4	2
MARSHALL	42.2	1.0	77	13	15	26	0	20	4.83	1.10	1.50	24	.0			8	5	2
MENA	44.9	2.1	76	13	20	30	0	12	3.87	- 0.12	1.81	15	.T			7	4	2
MORRILTON	43.3	- 0.3	76	13+	20	27	0	16	4.88	0.84	2.12	16	.0			6	4	2
MOUNT IOA 1	45.2M	2.2	76	13	15	8+	0		5.77	1.44	3.62	15	.0			7	5	1
MOUNT MAGAZINE	40.4		70	13	10	30	0	16	2.67		1.04	15	.0			7	4	1
MOUNTAIN HOME	41.1	1.2	75	13	12	26	0	19	5.40	1.86	2.70	14	.0			7	5	2
NASHVILLE	46.3M		80	14	20	31	0	15	2.83		.98	16	.T			6	3	0
NEWPORT	44.4	2.2	75	12	18	26	0	15	4.77	0.67	2.18	16	.0			9	4	2
NIMROO OAM	42.8		77	13	16	31	0	18	3.80		1.72	15	.0			5	3	2
NORFORK OAM	40.3		76	14	13	8+	0	22	4.50		2.65	15	.0			8	5	1
OOEN	45.4M		76	13	20	10+	0		3.35	- 0.88	1.47	14	.T			5	5	1
OKAY	48.3M	1.7			20	31	0	16	2.11	- 3.04	.65	15	.0			9		0
OZARK	42.1	0.3	80	14	19	31	0	15	5.25	1.85	3.15	15	.0			6	4	2
PARAGOULO	43.7		72	13	16	26	0	12	8.18	3.80	3.65	15	.0			10	4	3
PERRYVILLE	44.5	2.7	75	12+	23	25	0	20	3.74	- 0.24	2.00	16	.0			4		
PINE BLUFF	48.4	3.3	82	13	23	26	0	10	3.25	- 2.02	.99	29	.0			8	5	0
PINE BLUFF CAA	46.9		79	13	22	31	0	15	3.10		1.06	28	.0			8	5	1
POCAHONTAS 1	42.7	2.4	74	12	12	26	0	19	6.65	2.85	2.33	15	.0			11	6	2
PORTLANO	50.6M	3.4			21	31		17	3.66	- 2.13	1.65	16	.0			6	3	2
PRESCOTT	45.7	0.3	80	14	22	26+	0	19	3.05	- 1.61	.91	16	.0			6	4	0
ROGERS	42.3	3.1	77	15	12	30	0	16	5.07	2.63	1.80	14	.0			6	4	2
RUSSELLVILLE	44.7	2.9	79	13	18	31	0	14	4.22	0.87	1.60	15	.0			8	4	2
SAINT CHARLES	46.4		79	14	22	26	0	14	3.73		1.75	17	.0			6	5	2
SEARCY	44.5	1.7	76	13	20	26+	0	13	3.27	- 1.34	1.44	29	.0			13		1
SHERIOAN	43.5M		79	13	17	31	0	22	3.43		1.35	15	.0			7		2
SILOAM SPRINGS	43.5		78	13+	14	30	0	18	2.91		1.58	14	.T	T	25	4	3	1
STUTTGART	46.2	2.2	79	13	22	26	0	13	3.53	- 1.49	1.52	29	.0			8	5	1
STUTTGART 9ESE	46.4	3.2	78	14	23	26+	0	14	2.83	- 2.47	.97	29	.0			8	4	0
SUBIACO	44.2	1.2	78	13	22	10+	0	14	3.60	0.17			.0			6		
TEXARKANA WB AIRPORT //	49.7	2.8	80	13	26	31	0	11	3.07	- 1.54	.98	14	.0			10	3	0
TURNPIKE	39.9		73	13	12	26	0	21	7.04	2.83	2.37	15	.0			11	6	4
WALORON	44.2		80	13	15	31	0	15	2.63	- 0.97	1.00	15	.0			6	4	1
WHITE ROCK	41.5		72	13	16	26	0	17	5.24		2.32	14	.0			5	4	3
WYNNE	45.9M	3.6	73	13	19	26	0		3.31	- 1.67	1.43	15	.0			9	3	2
STATE	44.3	1.5							4.03	- 0.20								

DELAYED OATA

JUNE 1948																		
WARREN	81.6	2.2	98	14+	58	3	24	0	1.58	- 2.10	.77	29	.0			3	3	0
JULY 1948																		
WILSON	81.1M	0.3	97	8	59	3												
AUGUST 1948																		
WARREN	80.7	- 1.2	98	13	61	31	21	0	4.79	1.38	2.52	8	.0			5	3	2
WILSON	78.8	- 0.6	97	25+	58	6	18	0	1.30	- 1.97	.65	14+	.0			2	2	0
OCTOBER 1948																		
MARSHALL	58.8	- 2.6	82	1	24	18	0	5	3.19	0.11	1.51	17	.0			4	3	2
OOEN	61.7M		85	13+	28	18												
NOVEMBER 1948																		
CAMOEN 1	52.1	- 1.3	81	5	25	30	0	9	9.84	5.83	3.09	16	.0			12	10	4

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

Station		Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBOTT						T										1.60	.14									.65			T	.14			2.53
ALICIA	R	-	-	-	-	.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALPINE				.26			.41									.55	.79	.05	T							.05			1.09	.03			3.23
ALUM FORK	Z		.05			.17									.05	3.21	.55		T			T			.25	.65	T	T	.35	.55	T		5.83
ALY	R					.17		-	-	-	-	-			1.82	.99	.08								.23				.48				-
ANTOINE				.51	-	-	-	-	-	-	-						1.33		-	-	-	-	-	-	-					1.38			-
APLIN				.05		.12										1.50	3.72										.38			.39			6.16
APPLETON	R		.11		.02	.18									1.95	1.12									.95			.05	*	1.01			5.39
ARKADELPHIA	Z			.34	T	.04										1.05	1.50		.03	.03		T				.12				1.00			4.11
ARKANSAS CITY					.08	.02	.26						T	T	T		.71	.02		.24						.47				.87			2.67
ASHDOWN			.09		.04								T		.44	.79	.01	.09	.01					.01	.07			T	.89				2.44
ATHENS			T	.26		.14										2.00	.30		.03							.30				.75			3.78
ATLANTA	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.14				-
AUGUSTA	Z			.11		.15	T								T	.42	2.36	T	.08	.03					T	.58			.05	1.20			4.98
BATESVILLE AIRWAY			.09			.12									1.34	1.50	.19		.08						1.14			.02	.88				5.36
BATESVILLE LIVESTCK				.03		*	.28									2.34	1.24	T		.02					.01		1.34		.08		.64		5.98
BATESVILLE L O 1	Z			.10		.11										1.37	1.98			.03					.04	.95			.04	.86			5.48
BEAR CREEK LAKE	R		.26			.09					-	-	-	-	-	-	-	-	-	-	-	-			.30				.64	.01			-
BEATY LAKE			T	.14		.08								T	T	.47	1.23		.21	.06					.23	.20			.05	1.10			3.77
BEAVER				.24		.10									T	2.18			T	T				.01	.62	.20	T	T	.12	.28			3.75
BEE BRANCH						.18									*	4.02									*	.86			1.27	T			6.33
BEEBE	R		.10			.25									.42	2.02	.17		.05						.30				1.30				4.61
BEECH GROVE				.05												1.66	1.29								1.58	.50				.35			5.43
BEEDEVILLE						.04										2.37									.15	.68			.18				3.42
BENTON				.19		.08										.26	.84		.10							.19				.96			2.62
BENTONVILLE				.10		.10										1.66								T	.74	.02			*	.68			3.30
BERRYVILLE	R		.10			.07									1.75	.63									.99			.03	.24				3.81
BETHESDA						.28	T								*	2.85	.71										1.35		.10		.65		5.94
BIG FLAT				.11		.11									T	2.39	.21								T	1.27			.15	.28			4.52
BIG FORK															2.00	2.80									*	.50			*	.70			6.00
BIG LAKE OUTLET				.12	.03	.12							.02			.50	3.05			.02					.14	1.03			.13	.84			6.00
BLACK ROCK				.10			T									2.53	.32			T					2.06	.05	T			1.39			6.45
BLUE MOUNTAIN DAM	R					.09									.65	1.62									.45				.29				3.10
BLUFF CITY 3SW																.67	.40	T								.50				.82			2.39
BLYTHEVILLE				*	.20	.14		.02									.73	2.12							.30		1.27		.18	*	.98		5.94
BOONEVILLE	Z											.08	T	.20	T	1.50	.06		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOONEVILLE 2S				T		.03										1.69	.27								.04	.66				.31			3.00
BOTKINBURG	R		.14		.21										1.70	1.30	.10						*	*	*	1.05					*	1.18	5.68
BOUGHTON																.85	T													1.00			1.85
BRADFORD				.05		.16									.03	.65	2.36			.05					-		-	-	.44	.42			5.17
BRINKLEY	//Z			.10		.03						-	-	-	-	-	-	-	-	-	-	-	-	-	-				.04	.14			-
BUFFALO TOWER				.16			.40									3.27	.11			T					.14	1.33	T		.46	.98	T		6.85
BULL SHOALS DAM	R		.19			.20									1.31	.52									.71			.11	.22				3.26
BURDETTE					.60	.20										2.00	1.37								1.20					1.25			6.62
CABOT			.07			.18										2.95	.15		.06						.33				.38	.85			4.97
CALICO ROCK				.02		.20										2.30		.33		.02				T		1.45			.28	.64			5.24
CAMDEN 1				.44			.04									.59	.63	.02	.11							.47				.85			3.15
CAMDEN 2	R	.03						.03							.47	.63	.07	.01							.29				.84				2.37
CAMP CHAFFEE					.02											2.77									.04	.30			.02	.23			3.38
CANAAN	R		.12		.02	.18									.95	2.30	.04								1.65			.03	.58				5.87
CARLISLE			.13			*	.04								.20	.23	.48		.22											1.23			2.53
CARPENTER DAM	R		.11			.16									.47	.57	.06								.05				1.10				2.52
CLARENDON				.10		.02										.56	.57	.05	.05	.09					T	.19			T	1.06			2.69
CLARKSVILLE	R		.20			.11									.85	1.90				-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLINTON						.18										2.30	.46								.30	T			.43	1.94			5.61
COLD SPRINGS					T											2.30	.90								T	.60			.15	.40			4.35
COMBS	R		.10		.04		.06								2.33	.17								.03	1.30			.13	.66				4.82
COMPTON	R	.08	.04		.04	.09									2.16	.60									.62	*	*	*	.48				4.11
CONWAY			.08	.01		.10									.04	4.68	.09		.01						*	.42			.25	.55			6.23
CORNING	Z			.18		.19								T	T	2.78	.48			T					.28	1.16			.22	1.07			6.36
COTTER				.19		.22										3.26	.12								.43	.71			.22	.37			5.52
COVE						.42									1.73	.87	.05		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CROSSETT			T			.20										.16	1.25	.12	.12							.09				1.03			2.97
CRYSTAL VALLEY						.49								T	.02	1.15	.42		T	T					*	.05			T	1.37			3.50
CUMMINS FARM			.10	.36		.08										.90	.30	T	T						T	.85			.15	1.03			3.77
DAISY	R		.25			.27									.98	.52	.10								.17				.80				3.09
DANVILLE	Z			.02		.23									T	1.55	1.22								.01	.49			.01	.41			3.94
DARDANELLE			.02			.22										1.92	1.09								.04		.57		.02				3.88
DE QUEEN			.01												1.50	.80									.23				.31				2.85
DENVER	R		.20												1.59	.16									1.14	.10		.08	.12				3.39
DERMONT				.10			.10								T		1.02		.12	.02						.26				.95			2.57
DES ARC				.10		.01	.05							T	T	.38	.89	T	.15	.12				T	T	.30		T		1.20			3.20
DEVILS KNOB		-	-	-	.36										2.18	1.04			T						.48				1.03	.26			-
DUMAS 1			.14	.32		.15									T	.20	.52	.02	.03						.03				T				1.41
DUMAS 2	R		.45			.12										.30	-	-	-	-	-	-	-	-	-	-	-	-	-	.02			-
DURHAM	R		.10				.07								1.85	.20									.91			.16	.33				3.62
EAGLE GAP			T			.05									T	2.60	1.63								T	.98			T	.73			5.99
EL DORADO AP				.03			.08							.03			.82		.22	.06						.41				1.03			2.68
EUREKA SPRINGS					.34										1.60	.12									1.06				.30				3.42
EVENING SHADE					.11	.12										3.50		.48	T	T					.38	1.42	T		.31		.78		7.10
FAYETTEVILLE			.15			.23									2.56	.34			T					T	.69	T	T	T	.41	T			4.38
FAYETTEVILLE EX S			.16			.54									2.03	.02	.14		T					T	.51	T	T		.43	T			3.83
FORDYCE			.12			.12										.67	.48	.57	.10							.38			T	1.18			3.62
FOREMAN	R					.09									.80	.60	-	-	-	-	-	-			.18				.61				-
FORESTER		.11														1.68	.78	.08							.28				.40				3.33
FORREST CITY	R		.16		.06										.46	1.21	.18		.34						.38				1.16				3.95
FORT SMITH WB AIRPOR	Z		T		T	.13									2.09	.81			T					T	.44			T	.27				3.74
FORT SMITH WTR PLNT				.05			.02									2.27			T						.10	.65			.16	.62			3.87
FOUNTAIN HILL						.22											.80	.10	.10							.25				1.00			2.47
FULTON			T			.14										.88	.53		.13	T						.20				.80			2.68
GARLAND																.93	.74		.15	T						.19				.79			2.80
GEORGETOWN				.10		T	.21									.45	1.63		.15	.07					.02	.28			.02	1.40			4.33
GILBERT	Z			.11		.04										2.15	.10								.23	1.27			.12	.25	T		4.27
GLENWOOD				.32		.31										1.01	.70			.46										1.40			4.20
GRANNIS			.10	.05		.17						T				2.35	.25	.02	.02							.32			.15	.82			4.25
GRAVELLY						.20										1.50	.79									.31				.35			3.15
GRAVETTE			.25												2.10				.10						.40				.50				3.35
GREEN FOREST				.12												1.95	.43								1.25					.07			3.82
GREEN MOUNTAIN			T			T									.83	1.59	.28								1.42				.42				4.54
GREENBRIER			.11	T		.13									1.10	3.23	T		.11						*	.82			.67				6.17
GREENWOOD			T			.35									.95	.69			T						.70			T	.18				2.87
GURDON				.10		.07									T	.46	.55	T	.02							.28				.83			2.31
HAMPTON					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARDY	R		.09			.15		-	-		-	-	-	-	-	-	-	-	-	-	-	-		1.20					1.04				-
HARRISON			.15			.03									1.63										1.08	T			*	.45			3.34
HARRISON CAA	Z		.08		.01	T									1.76	.32			T					.06	.91	T	T	.02	.37	T			3.53
HECTOR				.10		.25										1.78	.66		.02	.02						1.19			.09				4.11
HELENA				.60		.02										.04	1.65	.06		.03						.40				.78			3.58
HENDERSON			.21		T										1.83	.93								1.13	.32		T		.37				4.79
HOPE				.04		.08										.88	1.70		.10							.38				.94			4.12
HOPPER			T	.20		.16	T					.06			T	1.45	1.50				.06		T		.03		.24		T	.98			4.68
HORATIO				.04		.41										.65	.63									.06				.29			2.08
HOT SPRINGS			.11	.15		.20									.15	1.66	.33	T	.08	T					*	.21			.24	.67			3.80
HUNTSVILLE	R		.11												1.77	.08									*	.76		.08	.20				3.00
HUTTIG DAM	Z					.02	.15									T	1.73		.23	.03						.02				1.46			3.64
INDEX						.25									*	.25			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JASPER				.12		.31										2.69	.25								.46	.91			.18	.25			5.17
JESSIEVILLE				.09									T	T	.90	*	2.19									.32			.78	.09			4.37
JONESBORO				.13		.11	.01									1.05	2.95			.05					.07	.94			.11	1.21			6.63
KEO			.10	.14		.17										.78	.08	.13	.37						T				.25	.50			2.52
LAKE CITY		T	T	.24		.12									T	3.25	.45		T	T					.90	.04			.06	1.11			6.17
LEAD HILL			.23				.03								1.52	.19	T								*	1.38			.33				3.68
LEE CREEK				.14		.07										2.32									.27	.53			.24	.78			4.35
LEOLA				.48		*	.10									1.00	.98								*	.30				.87			3.73
LITTLE ROCK WB AP	Z		.01			.14								T	.30	.28	.59		.12			T		T	.22			T	1.04	T			2.70
LITTLE ROCK FIET PL			.07			.11								.02	.39	.47	.43		.12						.25				1.05				2.91
LOCK AND DAM NO 3				.03		.15										2.56	.71			T					.10	1.42			.08	.56			5.61
LOST CORNER				.33		.33										2.85	.40								.60				.26	1.60			6.37
LURTON				.20		.23									.02	2.96	.30								.16	1.54	T		.15	.84			6.40
LUTHERVILLE			.11	T		.18									1.10	1.61			*	.02					.85	T			1.25	.20			5.32
MADISON				.25		.03	T									.45	.98		.15	.20						.35			T	1.10			3.51
MAGNOLIA	Z															.56	.20	.14	.10							.29				.96			2.25
MALVERN				.32	T		.12							T		.45	.52	T	.08	.02					T		.20			T	.99		2.70
MAMMOTH SPRING																2.30	.06									1.06			.13	1.25			4.80
MARIANNA	Z			.24			.09									.47	.48		.15	.19						.35				.87			2.84
MARKED TREE				.17	T	T	T								T	.31	1.66		T	.04					.02	.40			T	1.06			3.66
MARSHALL			.18		.14										.84	1.30	.45	T							1.50				.11	.31			4.83
MARVELL						.21										1.01	.63		*	.41										.81			3.07
MAUMEE	R	.20		.07											2.05	.91									1.84			.03	.47				5.57
MELBOURNE				.16											.96	1.35	.6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MENA	Z		T	.05		.14								T	T	1.81	1.03		T						T	.27			.01	.56			3.87

See reference notes following Station Index.

Table 3–Continued

DAILY PRECIPITATION

Station		Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONTICELLO	Z		.03			.10										.52	.46	.08	.08							-	-	-	-	-	-	-	-
MOROBAY L D 8	Z					.12										.17	.65	.11	.10							.50				1.05			2.70
MORRILTON				.08		.12										1.53	2.12								T	.40				.63			4.88
MOUNT IDA 1	R		.06												.91	3.62			.36						.32				.28	.22			5.77
MOUNT MAGAZINE			.02			.17									.29	1.04									.62				.40	.13			2.67
MOUNTAIN HOME	Z		.20			.20									2.70	.50	.30								1.00				.50				5.40
MOUNTAIN VIEW				.08		.15							T			3.07	.21			T					1.83	T				.68			6.02
MOUNTAINBURG			.15												2.34	.17								T	.83			T	.77				4.26
MULBERRY				.10		.27										2.42									.15	1.00			.10	.88			4.92
NASHVILLE				.06		.06										.68	.98		T	T						.19			T	.86			2.83
NATHAN				T		.30										.85	.51	.76	.03							.14				.66			3.25
NEWHOPE			*	.25			.51								.70	.80	T		T				T	T	.49					.80			3.55
NEWPORT				.05		.15									.01	.68	2.18		T	.05					.05	.50				1.10			4.77
NIMROD DAM	Z			.06		.20										1.72	1.40									T				.42			3.80
NORFORK DAM	Z			.14		.02										2.65	.25								.31	.54			.11	.48			4.50
ODELL				.12		.16										3.00									.37	.05			.54	.76			5.00
ODEN			T			.26									1.47	.90	T							T	.26	T	T	T	.46				3.35
OKAY			.02		.09										*	.65	.30	.05							.10	T			.26	*	.64		2.11
OSCEOLA				.24		.13										.26	2.40			.10					*	.58			*	.97			4.68
OWENSVILLE				.06										T	T	1.34	T	T	.06		T					.20	T		T	.98			2.64
OZARK						.38										3.15									.06	1.09			.07	.50			5.25
PARAGOULD			.03			.17									.06	3.65	.33		T	.04					2.40	.06			.24	1.20			8.18
PARKIN				.17												.40	1.72		T	.09						.27				1.15			3.80
PARTHENON	R		.10	.02		.21									2.07	.83									.97			.08	.30				4.58
PERRYVILLE			T	T		T									*	1.25	2.00						T	T				T	.49	T			3.74
PINE BLUFF				.49			.07							T		.54	.83	.01	.05	T			T			.27			T	.99			3.25
PINE BLUFF CAA	Z		.68			.08									.35	.45	.16	.04	T						.28			T	1.06				3.10
PINE RIDGE				.16								-	-	-	-	-	-	-								.22							-
POCAHONTAS 1			.07	.02		.13									.92	2.33	.25		T	.02					1.46	.04			.60	.81	T		6.65
PORTLAND				.11			.17										1.65		.20	T						.52				1.01			3.66
PRESCOTT						.10								T	T	.75	.91	T	.07						T	.42				.80			3.05
PRESCOTT SCS	R														.70	1.00		.05							.50				.85				3.10
PYATT	R		.21			.12									1.59	.55									.86			.12	.13				3.58
RATCLIFF						.15										2.22													*	.45			2.82
RAVANA	R														.80	.55		.18							.65			1.04					3.22
REMMEL DAM	R		.33			.15									.43	1.42	.17	.02	.04						.22				.96				3.74
ROCKHOUSE			.10		T										2.00	.30			T	T					.20	T			1.00				3.60
ROGERS			.18			.18									1.80	.67			T						1.70	T			.54				5.07
ROSEBUD			.10			.25									.25	2.00			.20						.20					1.20			4.20
RUSSELLVILLE			.07	.03	T	.14							T		1.11	1.60									.67				.38	.22			4.22
SAINT CHARLES				.36		.04											.25	1.75								.31				1.02			3.73
SAINT FRANCIS				.05		.27										1.96	.95			.05					.20	1.24			T	1.05			5.77
SEARCY				.08	.03	.07	.09								.01	.67	.17		.14	.03					*	.50			.04	1.44			3.27
SHERIDAN			.10			.05									.60	1.35	T	T		T					*	.28			T	1.05			3.43
SHIRLEY			.13			.18									1.65	2.07	.28		.02					T	1.04				.96	.34			6.67
SILOAM SPRINGS			.15			T							T	T	1.58				T					T	.63	T			.55				2.91
SMITHVILLE	R		.14			.10									1.77	1.34	.05								1.87			.04	1.16				6.47
SPARKMAN		-	-	-			.11									.50	.55			.49						.25					.86		-
STAR CITY		*	1.83													*	1.54	T								-	-	-	-	-	-	-	-
STEVE															1.20	2.57													.54				4.31
STORY				.03												2.60	3.12									.24			.24				6.23
STUTTGART				.54			.15									.56	.30		.15	.05						.26				1.52			3.53
STUTTGART 9ESE	Z			.48		T	.05									.54	.46		.12	.01						.20				.97			2.83
SUBIACO			.05												*	1.85			T					*	.95				.75				3.60
SUGAR GROVE																.80	.40									.74				.40			2.34
SUGAR LOAF MTN				.06		.15										1.74	2.35		T	.03					.06	.43			.06	1.17			6.05
TAYLOR						.10										.51	.04	.12	.09						.20				.02	1.05			2.13
TEXARKANA WB AP	//Z		.02			.01									.98	.95	.01	.14	.01					T	.22			.01	.72				3.07
TURNPIKE			.25	.08		.30									1.01	2.37	.23		.05						1.22	.16			1.20	.17			7.04
VIOLA				.34												3.51										1.10			.50	1.23			6.68
WALDRON	Z		T			.08									.60	1.00									.65				.28	.02			2.63
WALNUT GROVE			.15			.11									.07	2.96		.41							1.30	.11			.42	.82			6.35
WARREN			.02		T	T						T			.60	.22			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEDINGTON LAKE	R		.06			.20									2.18										.55			.10	.60				3.69
WEST FORK	R		.08			.15									2.59	.11								.03	1.12			.23	.60				4.91
WHEELING	R		.15		.02	.13								1.90	1.33										*	1.00			.80				5.33
WHITE ROCK			.15												2.32	.45			T	T					1.12	T			1.20	T			5.24
WHITECLIFFS			T													.82	.55													1.05			2.42
WINFREY	R	-	-	-	-		-	-		-	-	-	-	-	1.90	.67								.04	1.37			.12	.90				-
WING	R					.22									1.50	.70	.20								.40				.50				3.52
WYNNE			.01	.14		.07										1.43			.12						.29		.03		T	1.20	.02		3.31
YELLVILLE						.12										2.58										.89			.27				3.86

DELAYED DATA

JUNE 1948																																	
ALICIA						.20	.05										.15	.69	2.72	1.06				.80	.09	.25	.03	.55	.55	.25			7.39
CLARKSVILLE						.40	.40							.80	.22		.63							1.55	.10		-		.74	.53			-
INDEX								1.50																	.10			.10	T	.40			2.10
MELBOURNE						-	-	-	-	-	-	-						.65	1.05		2.27				.75	.10	.20	2.25	.12	.20			-
RED STAR		-	-	-	-									1.20	.29	.51		1.76	T					*	2.68	.25	.84						-
RISON																																	0.00
SHIRLEY				.08		.05								1.38			.99		.10	1.20	T			.73	.47	.05	T	.50	.52	.08	.03		6.18
WARREN																	.37					T	T						.44	.77			1.58
JULY 1948																																	
NEWHOPE							.20	.03	1.20			.30	.83			1.00				1.70								.15					5.41
WILSON		-	-												.65	.70				.50	1.90			.22									-
AUGUST 1948																																	
BULL SHOALS DAM		-	-									.35		.35	1.30													1.35					-
CLARKSVILLE				.94	.18		.11		2.13	.90		1.43	.20										.07										5.96
COVE							.02	T	2.33	.30		T			T	.94													T				3.59
FOREMAN											.05															.20	.13						.38
RED STAR			.72			.02			.10	.25	1.00		.83	2.35	-	-	-	-	-	-	-								.05				-
WARREN									2.52	1.46	.06						.52											.23					4.79
WHITE CLIFFS		T						T	T		.83					1.07											T		.43	.18			2.51
WILSON															.65	.65																	1.30
SEPTEMBER 1948																																	
COVE										.74													.20										.94
WINFREY																								.04	.45			-					-
OCTOBER 1948																																	
ALICIA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											.65	.60	-
CLARKSVILLE				.35																*	3.75								.30				4.40
MARSHALL								.55						.01				1.51													1.12		3.19
ODEN							.44				.25						*	.95				T									-	-	-
NOVEMBER 1948																																	
BIG FORK						.50				.80		.40					.60					.40											2.70
CAMDEN 1		1.12	1.33			.45					.53		.26	.11			3.09			.85			1.19				.44		.36	.11			9.84
COVE		.12								.48		.47					.10											.40					1.57
EVENING SHADE			1.97			.38	T			.10	*	.61		.25	.03		.25	.20		.80							.31	T		.19	.50		5.59
FORESTER			.10		.29				.28	.33		.45	.03			.15										.21			.33				2.17
FULTON		.40	.25			.28				.11	T		.40	.19			1.76	T		.60		T	.32						.37	.23			4.91
GARLAND		2.05	1.12				.47			T	.25		.25	.21			2.50	T		.23		.18	.75						.53	T			8.54
GURDON		.50	1.08			.78		T		.25	.27		.24	.13			1.43	.07		.83			.76			T		T					6.34
HEBER SPRINGS		.84			.30	.15				.80			.28				.93		1.17			.13					.21		.27	.44	.05		5.57
HORATIO		.08				.36				.04	.40		.44	.28			1.28												*	.44			3.32
HUNTSVILLE		1.59	.28		.35					.26			.15						.11										.55	.03			3.32
INDEX		-	-	-	-	-	-	-	-	-	-	-	-				*	1.50	.50				.25						.25				-
OWENSVILLE		.30	1.05			1.19	T			.15	.44		.28	.12			.98	.01	.02	.88		.03	.24				.01	.02	.64	.12			6.48
STAR CITY		1.54					.07			*	.44		.47	T			*	2.21	*	1.95		*	1.49										8.17
WHITE CLIFFS		2.55				.80				.20	.10		.55	.20			1.30				.30	T	T						.20	.40			6.60

See reference notes following Station Index.

Table 4

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMDEN 2												.03													.03
COMPTON																								.08	.08
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINGSLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUMEE												.12	.08												.20
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT IDA 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINFREY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-2d-																									
ALUM FORK										.01	.02	.02													.05
APPLETON												.01	.10												.11
ARKADELPHIA									.04	.01	.05							.01	.13	.10					.34
AUGUSTA															*	*	*	*	*	*	*	*	*	.11	.11
BATESVILLE L D 1																.04	.02	.02							.08
BEAR CREEK LAKE																	.08	.01	.15	.02					.26
BEEBE															.05	.05									.10
BERRYVILLE											.04	.06													.10
BOTKINBURG														.10	.04										.14
BRINKLEY //																		*	*	.10					.10
BULL SHOALS DAM													.10	.09											.19
CANAAN												.02	.07	.02	.01										.12
CARPENTER DAM											.05	.01								.05					.11
CLARKSVILLE												.14	.05		.01										.20
COMBS											.05	.05													.10
COMPTON	.02	.02																							.04
CORNING																	.01		.04		.02				.07
DAISY								.02	.03				.02					.18							.25
DANVILLE								*	*	*	*	.02													.02
DENVER											.06	.08		.06											.20
DUMAS 2																	.15				.18	.12			.45
DURHAM											.07	.03													.10
FORREST CITY																			.14	.02					.16
GILBERT													.10												.10
HARDY															.05	.01			.02	.01					.09
HARRISON CAA							*	*	*	*	*	*	.04	*	*	*	*	*	.04						-
HUNTSVILLE											.04	.06	.01												.11
LITTLE ROCK WB AP																.01									.01
MARIANNA																.02	.02	.01	.16	.01				.02	.24
MENA								.02	.03																.05
MONTICELLO								.03	.01																.04
MOUNTAIN HOME													.07	.12	.02	.01	.01								.23
NORFORK DAM														.10	.03										.13
PARTHENON												.07	.03												.10
PINE BLUFF CAA																			.01	.28	.34	.01			.64
PYATT											.02	.18	.01												.21
REMMEL DAM										.02	.08	.03							.07	.11	.02				.33
SMITHVILLE																.07		.05	.02						.14
STUTTGART 9ESE																	.03	.07			.20	.11	.01		.42
WEDDINGTON LAKE									*	*	.06														.06
WEST FORK										.03	.04	.01													.08
WHEELING														.05	.10										.15
-3d-																									
HEBER SPRINGS 3SW																		-	-	-	-	-	-	-	-
MAUMEE					.07																				.07
PARTHENON												.02													.02
-4th-																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	-
APPLETON																								.02	.02
AUGUSTA																				*	*	*	*	*	*
BOTKINBURG	.05	.09	.03			.04																			.21
CANAAN																								.02	.02
COMBS																								.04	.04
COMPTON																							.02	.02	.04
CORNING																							.01	.01	.02
FORREST CITY								.04	.01		.01														.06
HARRISON CAA																			*	*	*	*	*	.01	-
WHEELING																								.02	.02
-5th-																									
ALICIA	.01		.05			.05	.02																		.13
ALUM FORK													*	*	*	*	.17								.17
ALY				.09	.06	.02																			.17
APPLETON	.03	.01	.01	.02	.08	.03																			.18
ARKADELPHIA						.04																			.04
AUGUSTA	*	*	*	*	*	*	.15																		.15
BATESVILLE L D 1		.02	.02				.03	.03																	.10
BEAR CREEK LAKE									.05	.03	.01														.09
BEEBE			.02		.02	.01	.10	.10																	.25
BERRYVILLE					.07																				.07
BLUE MOUNTAIN DAM				.04	.05																				.09
BRINKLEY //		*	*	*	.03																				.03
BULL SHOALS DAM				.02	.03	.15																			.20
CANAAN	.01	.01	.01			.15																			.18
CARPENTER DAM					.02	.02	.12																		.16
CLARKSVILLE					.01	.10																			.11
COMPTON	.02	.01			.06																				.09
CORNING	.01		.02		.01	.08		.02	.02																.16
DAISY		.02	.03	.07	.15																				.27
DANVILLE				.19	.05																				.24
DUMAS 2									.12																.12
FOREMAN		.02	.01	.02	.04																				.09
FORT SMITH WB AIRPORT			.10	.03																					.13
GILBERT						.04	.01																		.05
HARDY	.02		.01	.02	.02			.02	.06																.15
HUTTIG DAM									.02	.12	.02														.16
LITTLE ROCK WB AP					.01	.01	.11	.01																	.14
MARIANNA								*	*	.09															.09
MENA			.05		.12																				.17
MONTICELLO									.10																.10
MORO BAY L D 8					.03			.06	.03																.12
MOUNTAIN HOME						.12	.05																		.17
NIMROD DAM						.20																			.20

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PARTHENON				.07	.14																				.21
PINE BLUFF CAA								.04	.01																.05
PYATT				.01	.03	.08																			.12
REMMEL DAM				.02	.02		.11																		.15
SMITHVILLE		.04	.01			.05																			.10
STUTTGART 9ESE								.02	.03																.05
TEXARKANA WB AP //						.01																			.01
WALDRON				.02	.07																				.09
WEDDINGTON LAKE			.15	.05																					.20
WEST FORK			.05	.10																					.15
WHEELING	.01	.02				.03		.07																	.13
WING	.01	.01		.10		.10																			.22
-6th-																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMBS				.03	.03																				.06
DURHAM				.02	.05																				.07
-7th-																									
ALY									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMDEN 2				.01	.02																				.03
HARDY													-	-	-	-	-	-	-	-	-	-	-	-	-
-10th-																									
BEAR CREEK LAKE												-	-	-	-	-	-	-	-	-	-	-	-	-	-
-11th-																									
ALY	-	-	-	-	-	-	-	-	-	-	-	-													-
-13th-																									
WHEELING												.20	.45	.32	.68	.06	.04	.07	.05	.01		.02			1.90
WINFREY	-	-	-	-	-	-	-	-	-																-
-14th-																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.03	.18	.33	.27	.25	.06	.01	.03	.01	-
ALUM FORK																	.05	.33	.35		.05				.78
ALY															.22	.40	.58	.52	.06			.04			1.82
APPLETON														.10	.34	.25	.61	.15	.24	.01	.02	.18	.04	.01	1.95
ARKADELPHIA																		.68	.22	.10					1.00
AUGUSTA								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BATESVILLE L O 1																.10	.30	.35	.35	.15			.05		1.30
BEEBE																			.27	.08	.05	.02			.42
BERRYVILLE											.15	.40	.48	.40	.20		.10							.02	1.75
BLUE MOUNTAIN DAM														.03	.15	.15	.05	.20	.03			.02		.02	.65
BOONEVILLE											.06		.12	.02	.05	.10	.05	.05				.03	.02	.10	.60
BOTKINBURG													.10	.10		.50	.20	.40	.10	.20			.10		1.70
BRINKLEY //																				.14	.13	.05			.32
BULL SHOALS DAM									.03			.20	.40	.25	.30	.10			.03						1.31
CAMDEN 2																			.15	.32					.47
CANAAN						.05	.27	.13	.36	.04									.08	.02					.95
CARPENTER DAM																		.23	.13	.04	.06			.01	.47
CLARKSVILLE														.42	.08	.07	.03	.10				.05	.10		.85
COMBS										.25	.27	.43	.48	.54	.03		.02	.03					.10	.18	2.33
COMPTON											.24	.75	.50	.20	.28	.02	.01	.01						.15	2.16
CORNING															*	*	*	*	*	*	*	*	*	*	*
DAISY																.15	.59	.11	.02	.10	.01				.98
DENVER											.06	.40	.49	.36	.22	.05							-	.01	1.59
DURHAM										.23	.26	.63	.18	.39	.04	.02								.10	1.85
FOREMAN																.20	.55	.04	.01						.80
FORREST CITY																		*	*	*	*	*	*	.46	.46
FORT SMITH WB AIRPORT										.26	.27	.62	.42	.16	.17	.01	.01	.01	.01					.15	2.09
GILBERT												.05	.45	.35	.60	.15			.02					.01	1.63
HARRISON CAA							*	*	*	*	*	*	.62	*	*	*	*	*	1.10	*	*	*	*	.04	-
HUNTSVILLE											.25	.65	.23	.37	.18	.02		.03						.04	1.77
LITTLE ROCK WB AP																			.11	.09	.09	.01			.30
MAGNOLIA																				.05					.05
MARIANNA																					.30	.10			.40
MAUMEE									.02	.02	.01	.05	.31	.44	.73	.42		.01	.04						2.05
MENA										.08			.10	.20	.25	.25	.20	.10			.17	.03	.02		1.40
MOUNTAIN HOME											.04	.02	.75	.45	1.17	.16	.05	.01	.01					.01	2.67
NIMROD DAM															.02	.35	.43	.65	.05			.01			1.51
NORFORK DAM												.02	.26	.29	.73	.28	.04	.02	.04	.02					1.70
PARTHENON											.07	.25	.73	.75	.15	.08		.01	.01			.02			2.07
PINE BLUFF CAA																				.20	.12				.32
PRESCOTT SCS																		.40	.20	.10					.70
PYATT										.03	.01	.45	.40	.25	.35	.05	.03		.02						1.59
RAVANA																			.80						.80
REMMEL DAM																		.19	.14	.06	.02	.02			.43
SMITHVILLE														.02	.01	.16	.36	.40	.29	.36	.12			.05	1.77
STUTTGART 9ESE																				.02	.30	.07			.39
TEXARKANA WB AP //																.01	.09	.81	.06						.97
WALDRON												.01	.06	.08	.11	.15	.21	.04	.01		.04	.02	.02	.03	.78
WEDDINGTON LAKE									.10	.60	.82	.18	.28	.12	.08										2.18
WEST FORK											.30	.39	.84	.12	.65	.11	.03						.05	.10	2.59
WHEELING	.02	.26	.26	.31	.18	.02	.01														.25	.02			1.33
WINFREY											.50	.40	.35	.55	.07	.03									1.90
WING															.10	.25	.60	.25	.10		.01	.18	.01		1.50
-15th-																									
ALICIA				.01	.03	.01		.10	.98	.05	.25	.50	.14	.66	.20	-	-	-	-	-	-	-	-	-	-
ALUM FORK					.07	.03		.03	.02	.10	.02	.08	.45	.25	.65	.68	.02								2.40
ALY				.04	.01	.04	.03	.09	.16	.02	.01	.02	.27	.02	.01	.23	.01		.01				.02		.99
APPLETON				.04	.27	.08	.01	.15	.28	.09		.02	.17	.01											1.12
ARKADELPHIA								.03				.54	.18				.07	.35	.08	.05					1.30
AUGUSTA	*	*	*	*	*	*	.42	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BATESVILLE L O 1								.10	.20	.10	.30		.60	.40	.10		.05								1.85
BEEBE					.03		.05				.02	.14	.03	.12	.55	.38	.30	.40							2.02
BERRYVILLE	.03		.45	.08			.07																		.63
BLUE MOUNTAIN DAM				.07	.20		.50		.50	.18		.17													1.62
BOONEVILLE	.32	.10	.05	.18	.15					.10												.12			1.02
BOTKINBURG		.10			.40	.20	.10	.05	.05	.20	.10		.05	.05											1.30
BRINKLEY //															.12			.08		.05	.05			.02	.32
BULL SHOALS DAM	.04		.03	.20	.05																.20				.52
CAMDEN 2											.18	.13	.14	.03				.05			.10				.63
CANAAN	.01	.05	1.07	.15	.07	.29		.05	.01														.40	.20	2.30
CARPENTER DAM				.03		.03					.02	.07	.05	.11	.06	.03	.03	.02	.02	.01	.02			.07	.57
CLARKSVILLE	.35	.80	.27	.23	.20		.05																		1.90
COMBS		.05	.10	.01	.01																				.17
COMPTON	.28	.02	.02	.20	.08																				.60
CORNING	*	*	*	*	*	*	2.78	*	*	*	*	*	*	*	*	*	.48								3.26

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DAISY			.04					.03		.06	.14	.05	.02	.08	.07	.03									.52
DANVILLE									.10			.50	.40		.05										1.05
DENVER	.01				.03															.12					.16
DUMAS 2																		.11	.08	.06	.03	.01	.01		.30
DURHAM			.04	.10	.06																				.20
FOREMAN										.23	.21	.03	.03	.01	.03	.01	.04	.01							.60
FORREST CITY															.04	.02	.02	.04	.92	.01	.13	.03			1.21
FORT SMITH WB AIRPORT			.77	.04																					.81
GILBERT		.05	.17	.03	.17	.05																.03	.07		.57
HARRISON CAA	*	*	*	*	*	*	.32																		-
HUNTSVILLE	.03			.02		.03																			.08
HUTTIG DAM														.07		.03	.07	.05	.13	.05	.07	.48	.60		1.55
LITTLE ROCK WB AP							.03						.02	.05	.13			.03		.01	.01				.28
MAGNOLIA											.18	.07	.15					.10		.05		.05			.60
MARIANNA		.01												.05		.03				.02	.12	.03			.26
MAUMEE		.05	.24	.08	.20	.07			.07													.20			.91
MENA			.05	.03			.20	.20			.05			.20	.20										.93
MONTICELLO																.01	.04	.16	.09	.05	.05	.01	.03	.04	.48
MOROBAY L D 8													.04	.01			.19	.16	.16			.06	.07	.01	.70
MOUNTAIN HOME	.02	.02	.14	.10	.20																.25	.02	.01		.76
NIMROD DAM			.01	.04	.06	.02	.04	.03	.18	.39	.01	.04	.16	.22	.30	.01			.02						1.53
NORFORK DAM			.17	.15	.47	.10	.02															.27			1.18
PARTHENON	.03	.08	.09	.25	.01	.13	.06	.02	.01												.15				.83
PINE BLUFF CAA													.04	.01	.05				.01	.22	.02	.03	.01		.39
PRESCOTT SCS												.14	.01			.03		.22	.40	.09	.11				1.00
PYATT	.15	.02		.08	.12			.05												.10	.03				.55
RAVANA											.37	.03	.05				.05		.03	.02					.55
REMMEL DAM					.03	.04			.02		.03	.03	.19	.99			.04	.03	.02						1.42
SMITHVILLE				.03	.03	.16	.40	.01		.01	.15	.18		.03	.07	.02								.25	1.34
STUTTGART 9ESE	.05	.10											.02	.01	.04				.09	.17	.03				.51
TEXARKANA WB AP //								.01	.01		.01						.01	.14	.25	.41					.84
WALDRON	.02	.01	.02	.21	.05	.03	.09	.10	.01	.01	.24	.01	.07			.01									.88
WEST FORK			.11																						.11
WINFREY		.02	.58	.05	.01															.01					.67
WING	.01	.02	.02	.04		.02	.04		.10			.10	.14		.14	.02	.03			.02					.70
–16th–																									
ALUM FORK			.25	.32	.03																				.60
ALY		.02	.05	.01																					.08
ARKADELPHIA				.07	.08																				.15
AUGUSTA	*	*	*	*	*	*	2.36																		2.78
BATESVILLE L D 1				.15																					.15
BEEBE				.04	.06		.03					.04													.17
BOONEVILLE			.02																						.02
BOTKINBURG		.10																							.10
BRINKLEY //						.05																			.05
CAMDEN 2															.03	.02							.02		.07
CANAAN								.04																	.04
CARPENTER DAM				.03																				.03	.06
DAISY																	.01	.08	.01						.10
DANVILLE		.15	.10																						.25
DUMAS 2				.30	.01	.04			.05				-	-	-	-	-	-	-	-	-	-	-	-	-
FOREMAN													-	-	-	-	-	-	-	-	-	-	-	-	-
FORREST CITY				.01	.08	.01	.08																		.18
HUTTIG DAM		.02																							.02
LITTLE ROCK WB AP					.58													.01							.59
MARIANNA						.05	.15																		.20
MENA	.40																								.40
MONTICELLO	.02	.21	.05	.15	.01	.01																			.45
MOROBAY L D 8	.01		.02							.02															.05
NIMROD DAM			.05						.03																.08
PINE BLUFF CAA		.01	.03	.11																					.15
REMMEL DAM													.04	.13											.17
SMITHVILLE	.03	.02																							.05
STUTTGART 9ESE					.09																				.09
TEXARKANA WB AP //										.01															.01
WING		.10	.10																						.20
–17th–																									
CAMDEN 2	.01																								.01
HUTTIG DAM			.05	.02		.03			.03	.02		.02	.17												
MAGNOLIA													.03	.02	.03			.02	.03			.05			.18
MONTICELLO															.01								.02	.01	.04
MOROBAY L D 8														.04	.05	.01			.01	.01		.04	.03	.01	.20
PINE BLUFF CAA																			*	*	*	*	*	.04	.04
PRESCOTT SCS											.05														.05
RAVANA														.03	.05			.03	.02	.03	.02				.18
REMMEL DAM																.02									.02
TEXARKANA WB AP //												.02	.02	.05	.02							.01	.01		.13
–18th–																									
ARKADELPHIA								.03																	.03
AUGUSTA						*	.08	*	*	*	*	*	*	*	*	*	*	*	*	*	.03				.11
BEEBE					.02	.02					.01														.05
BOONEVILLE											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRINKLEY //				.02	.10	.03	.08	.07	.03	.05	.04	.03		.02											.47
FORREST CITY						.04	.04	.04	.12	.03	.03	.02	.01	.01											.34
HUTTIG DAM																				.05					.05
LITTLE ROCK WB AP				.02	.01	.02	.02		.03	.02															.12
MAGNOLIA					.05		.05																		.10
MARIANNA							.05	.05	.01	.05	.04	.01	.02		.01	.01									.25
MONTICELLO	.01	.01				.01	.04																		.07
REMMEL DAM						.04																			.04
STUTTGART 9ESE					.02	.02			.02																.06
–19th–																									
CLARKSVILLE																	-	-	-	-	-	-	-	-	-
–21st–																									
BEAR CREEK LAKE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						-
FOREMAN	-	-	-	-	-	-	-	-	-	-	-	-	-												-
HARDY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							-
MONTICELLO													-	-	-	-	-	-	-	-	-	-	-	-	-
–22d–																									
BOTKINBURG																						*	*	*	-
–23d–																									
COMBS																					.02			.01	.03
HARDY					.07	.13	.03		.02	.33	.07	.11	.27	.07	.01	.03	.04	.02							1.20

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HARRISON CAA																			*	*	*	*	*	.06	-
MAGNOLIA																	*	*	*	*	*	*	*		*
WEST FORK																								.03	.03
WINFREY																				.02	.02				.04
-24th-																									
ALUM FORK														.02	.18	.08	.07	.15	.10	.20	.08	.02			.90
ALY														.18	.01	.04									.23
APPLETON		.02	.01	.01	.05				.01			.08	.24	.25	.27	.01									.95
ARKAOELPHIA																.10									.10
AUGUSTA								*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BATESVILLE L O 1					.03					.02			.15	.45	.05	.20	.10								1.00
BEAR CREEK LAKE														.01	.02	.01	.11	.12	.03						.30
BEEBE															.05	.20		.03					.01	.01	.30
BERRYVILLE		.02	.14	.07		.01	.21	.28		.01	.15	.01	.02	.06					.01						.99
BLUE MOUNTAIN OAM													.05	.30	.05	.05									.45
BRINKLEY //															.04	.07	.20	.03							.34
BULL SHOALS OAM				.10	.02			.18	.14	.01	.08	.10		.03	.02	.01	.02								.71
CAMOEN 2																	.23	.06							.29
CANAAN				.15	.01	.03	.03	.01	.27	.60	.09	.21	.15		.04	.04	.02								1.65
CARPENTER OAM															.04	.01									.05
COMBS	.05	.09	.14	.02		.02		.08	.40	.05	.40	.03	.01		.01										1.30
COMPTON	.02			.05	.03				.27		.05	.19	.01												.62
CORNING		*	*	*	*	*	.28	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.16			1.44
OAISY			.03										.01	.07	.06										.17
OANVILLE														.30	.10	.05			.05						.50
OENVER			.08	.14	.02		.20	.44	.02		.18	.02				.04									1.14
OURHAM	.03		.22	.15				.35	.08		.05	.02		.01											.91
FOREMAN											.02	.01			.15										.18
FORREST CITY										*	*	*	*	*	*	*	*	*	*	*	*	*	*	.38	.38
FORT SMITH WB AIRPORT	.01			.02				.03		.11	.16	.10			.01										.44
GILBERT				.17	.06			.01	.26	.32	.31	.19	.07	.01	.04	.04	.01								1.49
HARRISON CAA	*	*	*	*	*	*	.14	*	*	*	*	*	.61	*	*	*	*	*	.12	*	*	*	*	.04	-
HUNTSVILLE				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
LITTLE ROCK WB AP				.01			.01							.04		.15	.01								.22
MARIANNA															.01	.10	.10	.05	.04	.01					.31
MAUMEE				.08	.30	.01			.20	.26	.08	.63	.12	.01	.04	.03	.08								1.84
MENA									.02				.13	.08	.02										.25
MOROBAY L O 8																			.46	.01					.47
MOUNTAIN HOME				.05	.06		.01	.03	.40	.05	.08	.28	.03	.01	.01	.01									1.02
NIMROO OAM														.22	.08	.01	.01								.32
NORFORK OAM				.10	.16	.01	.03	.01	.15	.07	.03	.19	.03		.02	.03	.02								.85
PARTHENON			.07	.18	.02			.04	.39	.06	.21														.97
PINE BLUFF CAA														.01	.01	.03	.16	.04							.25
PRESCOTT SCS													.02	.02	.01	.40	.02	.03							.50
PYATT			.08	.12			.02	.31	.06	.01	.18	.02	.01			.02	.01			.01	.01				.86
RAVANA																	.65								.65
REMMEL OAM																.20	.02								.22
SMITHVILLE					.18	18	.01		.01	.25	.25	.25	.32	.20	.05	.07	.05	.01	.01	.02	.01				1.87
STUTTGART 9ESE														.02		.03	.06	.04	.05						.20
TEXARKANA WB AP															.01	.24									.25
WALORON										.04		.01	.22	.41	.04			.02							.68
WEOINGTON LAKE		.10	.10				.10		.05	.15					.05										.55
WEST FORK	.02		.40	.03	.02			.45	.10		.10														1.12
WHEELING																		*	*	*	*	*	*	*	*
WINFREY	.02	.01	.10	.07				.15	.57	.23	.13	.01		.01								.02		.05	1.37
WING														.32	.08										.40
-25th-																									
AUGUSTA	*	*	*	*	*	*	.58																		.58
BOTKINBURG	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.05								1.05
COMPTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
OENVER											.02	.08													.10
GILBERT									.04																.04
HUNTSVILLE	*	*	*	*	*	*	.76																		.76
MAGNOLIA	*	*	*	*	*	*	*	.29																	.29
WHEELING	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00											1.00
-27th-																									
APPLETON		.05																							.05
ATLANTA	-	-	-	-	-	-	-	-	-	-	-	-	-												-
AUGUSTA																					*	*	*	*	*
BERRYVILLE																							.03		.03
BULL SHOALS OAM																						.01	.05	.05	.11
CANAAN																					.02			.01	.03
COMBS																				.05	.05		.02	.01	.13
OENVER																					.01	.02	.05		.08
OURHAM																				.05		.03	.04	.04	.16
GILBERT																							.02	.03	.05
HARRISON CAA																			*	*	*	*	*	.02	-
HUNTSVILLE																							.05	.03	.08
MAUMEE																							.01	.02	.03
NORFORK OAM																							.02	.08	.10
PARTHENON																					.02	.01	.02	.03	.08
PYATT																						.02	.07	.03	.12
RAVANA																		.55	.35	.12	.02				1.04
SMITHVILLE																							.01	.03	.04
WEOINGTON LAKE																				.08		.02			.10
WEST FORK																			.04	.06	.02	.02	.04	.05	.23
WINFREY																			.02	.02	.01	.02		.05	.12
-28th-																									
ALUM FORK										.03	.02		.05		.10	.03		.23	.20	.10					.76
ALY											.03	.05	.01	.03	.06	.06	.07	.16	.01						.48
APPLETON			.03	.02							.03	.01	.01	.16	.09	.14	*	*	*	*	*	*	*	*	-
ARKAOELPHIA												.02	.03	.02		.05	.05	.27	.30	.23					.97
ATLANTA																	.04	.04	.40	.30	.30	.06			1.14
AUGUSTA	*	*	*	*	*	*	.05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
BATESVILLE L O 1													.08	.02		.03	.12	.08	.27	.15	.05				.80
BEAR CREEK LAKE																			.02	.13	.15	.12	.10	.12	.64
BEEBE																.06	.20	.19	.24	.44	.12			.05	1.30
BERRYVILLE						.01	.03	.06				.10		.04											.24
BLUE MOUNTAIN OAM									.02	.01			.05	.05	.01	.02	.06	.07							.29
BRINKLEY //										*	*	*	*	*	*	*	*	*	*	*	*	*	*	.18	.18
BULL SHOALS OAM							.01	.04					.01	.04	.04	.01	.05	.01	.01						.22
CAMOEN 2																		.02	.33	.29	.20				.84
CANAAN	.02							.03	.02				.02	.18	.05	.05	.10	.05	.06						.58
CARPENTER OAM									.03	.06	.01	.02	.03	.02	.03	.06	.08	.16	.35	.25					1.10
COMBS	.02	.01		.01	.02	.02	.01	.02		.02	.03	.07	.12	.15	.08	.06	.02								.66
COMPTON	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.48	.48
CORNING		*	*	*	*	*	.22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.07			1.29
OAISY									.01	.03	.04	.03	.03	.02	.03	.13	.20	.23	.04				.01		.30
OANVILLE															.05	.05	.10	.10	.05						.35

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
OENVER						.02	.02					.02		.02	.02	.02									.12
DUMAS 2	-	-	-	-	-	-	-	-	-	-	-										.18	.42	.26	.09	-
OURHAM	.04							.03	.01		.11	.03	.06	.01	.03	.01									.33
FOREMAN										.02		.01			.03	.12	.43								.61
FORREST CITY																				.26	.24	.36	.24	.06	1.16
FORT SMITH WB AIRPORT						.02					.01	.08	.01	.11	.03	.01									.27
GILBERT	.05							.03					.02	.07	.03	.05	.05								.30
HAROY	.08	.06	.01							.05					.05	.26	.15	.08	.17	.02	.07	.04			1.04
HARRISON CAA	*	*	*	*	*	*	.19	*	*	*	*	*	.03	*	*	*	*	*	.15						-
HUNTSVILLE	.01		.01			.02	.03				.04	.01	.01	.03	.03	.01									.20
HUTTIG OAM																					.05	.95	.25	.10	1.35
LITTLE ROCK WB AP									.01	.01	.03		.03	.01	.01	.01	.10	.18	.24	.35	.06				1.04
MAGNOLIA																		.05	.55	.25	.05				.90
MARIANNA																				.25	.10	.20	.20	.07	.82
MAUMEE	.02	.08	.02					.04	.01					.10	.02	.06	.06	.06							.47
MENA							.02	.01	.03		.02	.03	.02	.05	.08	.17	.15	.03							.61
MOROBAY L D 8																					.40	.33	.27	.02	1.02
MOUNTAIN HOME				*	*	*	*	*	*	*	*	*	*	.47											.47
NIMROO OAM													*	*	*	*	*	.42							.42
NORFORK DAM								.01	.02					.20	.05	.04	.06	.06	.05						.49
PARTHENON	.02										.01	.02	.02	.03	.05	.03	.07	.05							.30
PINE BLUFF CAA																			.16	.27	.30	.17			.90
PRESCOTT SCS										.02	.01	.02		.03	.02		.14	.26	.30	.05					.85
PYATT	.01				.02									.01	.04		.02	.02	.01						.13
REMMEL DAM												.02	.02	.03	.01	.05	.11	.18	.34	.19	.01				.96
SMITHVILLE	.06	.09	.03	.01	.02				.04	.01				.05	.05		.19	.10	.21	.18	.08	.04			1.16
STUTTGART 9ESE																			.07	.13	.32	.30	.10		.92
TEXARKANA WB AP //																.09	.20	.27	.10						.66
WALORON												.01	.02	.01	.06	.08	.08	.02							.28
WEOINGTON LAKE							.03	.02	.01	.04	.15	.15	.05	.03	.07	.05									.60
WEST FORK		.01		.02	.01	.02	.03			.01	.08	.12	.11	.06	.04	.04	.05								.60
WHEELING											.01	.02	.06	.01	.25	.20	.05	.05	.07	.06	.02				.80
WINFREY	.03		.01		.05	.04	.01		.01	.09	.04	.15	.13	.17	.12	.05									.90
WING								.05	.01	.01	.01	.01		.02	.01	.04	.14	.18	.02						.50
—29th—																									
APPLETON	*	*	.52																						1.01
AUGUSTA	*	*	*	*	*	*	1.20																		1.25
BEAR CREEK LAKE	.01																								.01
OUMAS 2			.02																						.02
—30th—																									
BOTKINBURG	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
—31st—																									
ALICIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOONEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOTKINBURG	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.18	1.18
CLARKSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARRISBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEBER SPRINGS 3SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINGSLANO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE LEATHERWOOO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTICELLO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOUNT IOA 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURFREESBORO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NASHVILLE SCS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OELAYEO OATA

—23d—																									
JUNE 1948 ALICIA															.40	.02	.01			.02			.31	.04	.80
—24th—																									
ALICIA								.05	.02	.02															.09
—25th—																									
ALICIA												.20	.05												.25
—26th—																									
ALICIA											.03														.03
—27th—																									
ALICIA							.10	.20	.10	.10	.04		.01												.55
—28th—																									
ALICIA																		.50				.05			.55
CLARKSVILLE			.04	.03	.07	.17	.03								.37	.03									.74
—29th—																									
ALICIA		.08	.10	.05	.01	.01																			.25
CLARKSVILLE											.23	.25	.02			.03									.53
—8th—																									
AUGUST 1948 CLARKSVILLE		.38	1.25	.02	.06	.07	.07		.18		.05	.03	.01	.01											2.13
—9th—																									
CLARKSVILLE								.05	.08	.27	.40	.08	.02												.90
—11th—																									
CLARKSVILLE						.13	.12	.80	.10	.20	.05	.03													1.43

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-12th-																									
CLARKSVILLE						.03	.12	.04	.01																.20
-22d-																									
CLARKSVILLE														.07											.07
-25th-																									
FOREMAN																			.17	.03					.20
-26th-																									
FOREMAN																			.13						.13
OCTOBER 1948																									
-3d-																									
CLARKSVILLE																		.16	.17	.02					.35
-19th-																									
ALICIA													-	-											-
CLARKSVILLE																		•	•	•	•	•	•	•	•
-20th-																									
CLARKSVILLE	•	•	•	•	•	•	•	•	•	•	•	3.75													3.75
-28th-																									
CLARKSVILLE						.15		.10	.03	.02															.30
-30th-																									
ALICIA															.05	.04	.01				.14	.15	.16	.10	.65
-31st-																									
ALICIA	.20	.25	.08	.01	.01			.02	.03																.60
NOVEMBER 1948																									
-4th-																									
HEBER SPRINGS 3SW																						.05	.14	.11	.30
-5th-																									
HEBER SPRINGS 3SW	.10	.05																							.15
-9th-																									
HEBER SPRINGS 3SW						.05			.10	.15	.17	.13	.08	.07	.04	.01									.80
-12th-																									
HEBER SPRINGS 3SW	.01	.07	.02	.04	.04	.02		.01	.03			.01	.02	.01											.28
-16th-																									
HEBER SPRINGS 3SW			.01	.02		.07	.15	.38	.07	.20	.03														.93
-18th-																									
HEBER SPRINGS 3SW																.92	.21	.03	.01						1.17
-21st-																									
HEBER SPRINGS 3SW											.03	.06	.01	.01						.02					.13
-26th-																									
HEBER SPRINGS 3SW			.15					.01	.01				.02	.02											.21
-28th-																									
HEBER SPRINGS 3SW																					.05	.10	.09	.03	.27
HUNTSVILLE						.10	.05		.10	.02	.03	.06	.04	.04	.11										.55
-29th-																									
HEBER SPRINGS 3SW	.02			.01					.15	.09	.01	.05	.05	.01	.01	.02		.01		.01					.44
HUNTSVILLE									.01	.01						.01									.03
-30th-																									
HEBER SPRINGS 3SW								.02	.03																.05

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALUM FORK	MAX	58	58	57	58	63	60	54	59	50	47	57	74	75	72	72	71	67	46	48	58	56	53	53	45	46	47	47	49	54	45	48	56.4
	MIN	28	28	40	36	37	26	26	24	25	26	29	28	45	60	60	46	38	38	44	25	35	39	34	32	33	19	19	39	33	27	20	33.5
ARKAOELPHIA	MAX	61	62	55	59	66	65	64	63	55	55	53	64	78	80	74	71	58	51	48	54	60	58	55	51	43	40	34	48	56	45	51	57.3
	MIN	21	26	35	35	39	25	25	24	25	24	24	29	50	54	65	57	46	42	42	27	27	40	39	38	36	24	24	28	36	27	19	34.0
ASHOOWN	MAX	60	65	64	69	77	62		55	55	52	65	77	80	74	73	60	51	50	54	51	64	57	52	48	42	40	49	58	45	50	54	58.4
	MIN	29	32	33	39	21	26	22	25	20	22	39	58	65	65	60	48	43	39	23	24	42	41	41	35	30	28	30	33	24	18	19	34.6
BATESVILLE AIRWAY	MAX	55	53	58	57	63	59	55	42	50	41	60	74	72	69	68	67	50	46	46	59	56	48	46	35	37	27	45	52	40	42	46	52.2
	MIN	25	34	41	38	35	27	37	23	24	22	31	56	52	65	63	40	35	38	30	28	36	35	35	32	22	15	27	36	33	24	19	34.1
BATESVILLE LIVESTCK	MAX	60	57	54	58	63	64	59	52	43	49	42	63	74	72	68	67	54	52	45	45	59	58	51	49	35	35	34	46	53	38	45	53.0
	MIN	23	23	31	33	39	23	36	19	21	17	25	34	49	56	66	38	30	36	35	25	31	33	33	30	28	8	16	32	33	21	18	30.4
BEE BRANCH	MAX	58	52	57	56	56	58	55	45	49	47	52	72	75	71	66	63	52	48	50	56	56	55	50	45	37	31	42	46	47	42	47	52.8
	MIN	25	30	39	33	49	35	31	22	26	24	26	52	44	54	58	40	35	37	31	28	30	38	35	32	29	17	25	33	31	22	19	33.2
BENTON	MAX	60	60	49	60	66	65	61	62	52	53	48	53	75	78	74	70	54	52	51	50	60	52	53	50	45	40	34	49	56	40	48	55.5
	MIN	23	26	32	35	35	23	28	21	22	8	24	30	36	54	65	51	40	40	33	30	29	37	32	33	33	25	24	28	36	26	15	31.7
BENTONVILLE	MAX	55	58	50	63	61	47	57	46	47	46	49	59	70	76	68	76	53	52	47	43	54	55	50	45	35	32	30	48	52	29	42	51.5
	MIN	22	29	32	31	42	26	28	24	25	17	18	38	38	48	61	31	30	32	28	28	29	29	33	30	24	17	18	30	26	13	15	28.8
BETHESOA	MAX	60	56	54	58	63	64	59	52	43	49	40	64	74	74	69	68	55	50	46	57	57	57	50	47	39	37	35	43	53	37	41	53.3
	MIN	23	25	41	32	39	23	37	18	21	18	22	35	43	57	64	40	32	38	36	21	29	34	34	30	29	12	15	33	34	22	15	30.7
BLYTHEVILLE	MAX	58	60	50	56	64	64	60	58	42	51	42	60	70	76	68	70	50	49	65	51	52	60	49	45	35	38	32	44	52	40	40	53.3
	MIN	30	33	42	41	41	31	32	25	28	23	23	32	53	59	65	50	35	35	42	32	36	36	34	34	30	18	22	30	32	29	22	34.7
BOONEVILLE	MAX	53			51	56	53	57	53	51	54	55	68	72	63	60	53	51															-
	MIN	35	33		34	32	34	33	30	30	19	35	34	33	34		34	32															-
BRINKLEY	MAX	60	60	61	61	66	61	61	52	52	45															39	32	47	59	59		49	-
	MIN	27	34	41	40	54	28	38	24	25	24															30	20	27	37	34		20	-
CAMOEN 1	MAX	62	64	63	63	67	67	63	62	57	54	54	65	77	82	76	73	66	53	51	56	61	71	54	53	48	41	34	47	62	47	50	59.5
	MIN	25	25	36	35	37	25	26	24	24	24	24	33	52	62	65	64	47	44	44	27	29	46	39	38	38	25	23	33	36	27	20	35.4
CAMP CHAFFEE	MAX	59	62	50			69	64	51	48	50	52	67	76	81	69	80	61	55	49	47	58	59	55	55	46	40	31	51	55	37	45	55.9
	MIN	28	31	34			22	30	19	20	17	23	31	36	41	62	42	38	41	24	23	23	33	38	38	32	20	25	28	33	12	17	29.7
CONWAY	MAX	60	51	62	60	65	62	59	50	53	48	58	75	77	72	69	66	53	49	49	60	53	52	50	47	40	34	47	54	54	47	49	55.6
	MIN	25	31	41	37	49	26	35	23	22	22	28	54	47	48	63	45	37	41	40	27	35	38	37	35	34	20	27	40	34	26	20	35.1
CORNING	MAX	58	56	58	56	60	65	59	53	43	50	42	61	74	71	71	67	53	48	41	40	55	59	46	43	33	34	29	43	53	38	42	51.6
	MIN	26	28	34	37	42	30	31	22	26	21	21	34	45	54	66	42	33	33	37	29	32	35	35	32	29	15	19	29	36	25	20	32.2
CROSSETT	MAX	64	61	60	67	60	68	68	59	56	53	64	75	75	75	76	71	57	53	60	61	71	66	57	56	47	38	45	63	63	48	54	61.0
	MIN	25	33	40	36	48	25	37	25	27	24	25	56	60	63	64	55	45	45	41	24	40	52	35	39	36	25	31	41	38	27	17	38.0
CUMMINS FARM	MAX	58	57	58	63	63	57	69	53	50	45	58	72	79	72	74	69	51	50	52	58	62	53	52	46	40	33	47	61	59	42	50	56.5
	MIN	26	32	42	36	51	26	34	25	26	25	24	51	53	61	64	47	42	41	40	26	36	43	33	35	29	20	26	38	34	27	20	35.9
OARDANELLE	MAX	60	61	46	58	64	61	63	56	47	55	49	64	77	79	71	69	60	53	47	49	61	55	53	48	40	40	32	47	53	42	47	55.1
	MIN	24	24	24	35	36	28	27	23	23	21	21	21	36	43	45	50	39	38	38	25	25	25	34	36	34	23	21	21	27	25	20	29.4
OE QUEEN	MAX	48	55	53	68	62	6	53	52	52	50	62	64	78	72	71	64	55	50	52	40	51	56	54	45	43	38	45	55	45	51	52	54.7
	MIN	25	31	31	31	24	24	30	23	24	23	31	46	54	62	55	46	42	42	24	23	38	38	40	35	34	25	26	32	25	20	18	33.0
OES ARC	MAX	59	58	60	63	62	64	58	60	48	51	50	61	75	77	75	72	55	52	47	46	58	53	50	48	37	38	32	45	58	40	42	54.6
	MIN	26	26	34	36	37	29	30	24	25	26	28	30	54	62	65	49	39	37	39	29	30	39	35	35	32	20	23	30	34	26	21	33.9
OEVILS KNOB	MAX				54	57	56	52	46	48	49	47	64	66	70	68	63	64	50	48	53	55	57	55		39	29	39	45	45	38	38	51.7
	MIN				31	34	27	25	27	26	24	27	33	40	55	60	32	36	27	21	29	32	33	35		21	12	16	30	25	14	12	29.0
OUMAS 1	MAX	61	61	59	65	62	58	62	53	58	52	60	75	80	73	75	65	53	52	54	60	65	65	56	49	40	34	49	61	61	43	53	58.5
	MIN	27	34	45	40	50	30	38	26	27	26	26	55	58	66	64	49	47	46	40	30	44	43	36	38	32	23	27	40	35	29	22	38.5
EL OORAOO	MAX	63	66	63	62	66	63	63	69	60	57	57	65	77	83	76	70	68	52	52	60	62	75	57	60	55	44	35	48	64	51	53	61.2
	MIN	27	29	39	39	44	28	29	27	27	25	26	36	58	62	65	63	46	42	43	28	29	49	32	37	37	25	25	31	34	25	23	36.5
EUREKA SPRINGS	MAX	57	49	59	60	59	56	51	42	45	49	55	69	77	68	74	68	49	47	44	53	55	47	43	40	33	27	35	52	51	39	40	51.4
	MIN	32	38	38	34	40	30	32	27	26	17	35	52	51	61	55	32	32	40	30	32	38	22	34	29	24	14	24	34	27	13	22	32.7
FAYETTEVILLE	MAX	58	51	62	59	61	57	51	48	45	47	57	71	75	67	75	61	56	47	44	53	54	50	48	43	35	30	44	51	50	40	40	52.6
	MIN	23	43	35	46	38	29	32	22	27	18	36	49	51	61	61	33	35	42	28	32	32	34	36	33	25	18	27	30	27	15	18	33.6
FAYETTEVILLE EX S	MAX	58	51	64	59	56	57	53	47	44	47	58	73	76	68	75	69	56	49	44	52	53	52	45	39	34	29	41	51	51	41	39	52.6
	MIN	24	42	33	43	40	30	30	22	26	18	37	47	48	60	63	33	33	37	28	31	35	32	35	31	24	18	24	36	26	14	18	32.8
FOROYCE	MAX		60	63	61	60	63	70	61	55	62	70	75	80	75	75	71	55	50	55	61	66	71	52	50	61	45	47	6	61	49	53	61.2
	MIN	32	41	37	43	55	31	43	29	29	28	40	35	61	67	66	45	45	42	43	31	46	44	35	36	29	24	30	41	35	24	26	39.1
FORT SMITH WB AIRPORT	MAX	60	49	60	64	69	61	50	46	50	51	65	74	80	68	79	60	52	48	47	57	59	53	46	40	39	30	40	56	38	42	45	54.1
	MIN	27	39	33	38	34	26	26	24	24	20	31	48	43	58	50	42	40	44	32	25	36	37	39	35	25	25	26	38	30	21	23	33.5
GILBERT	MAX	60	59	49	60	66	59	60	48	44	48	48	62	75	78	69	74	54	51	49	46	59	57	51	47	35	37	31	45	52	33	44	53.2
	MIN	17	18	25	26	30	19	20	14	15	12	12	37	30	31	56	37	27	28	32	18	18	23	28	30	27	12	15	25	31	17	10	23.9
GRANNIS	MAX	57	51	62	65	59	59	53	51	50	56	65	72	77	68	70	56	48	47	50	55	58	57	46	42	36	32	43	53	41	48	48	54.0
	MIN	35	34	37	41	25	35	27	26	26	29	33	42	54	62	48	42	40	33	25	27	39	38	38	31	24	23	29	28	21	24	24	33.5
GRAVETTE	MAX	59	53	61	60	60	58	51	49	44	49	60	70	76	73	77	59	54	46	45	52	53	51	46	42	35	29	42	50	50	42	40	52.8
	MIN	28	38	31	43	34	24	29	21	25	16	33	40	48	61	59	30	31	39	28	27	32	32	32	31	24	17	26	35	26	12	17	31.3
GREEN MOUNTAIN	MAX	44	46	43	48		49	50	41	35	34	40	54		69	64	57	51	50	47	48		49	42	34	29	30	34	39	37	33	40	44.2
	MIN	31	30	29	29	27	30	35	33	26	18	24	34	37	46	44	34	30	31	27	30	26	30	30	22	18	12	16	30	22	16	19	27.9
HARRISON	MAX	59	50	61		60	58	54	43	47	46	52	73	73	70	78	72	52	47	48	58	57	50	45	41	33	37	40	49	50	42	42	52.9
	MIN	19	33	36	33	42	23	28	17	18	15	32	31	36	57	60	33	28	38	31	27	29	27	34	30	20	13	25	31	25	16	15	29.1
HARRISON CAA	MAX	59	48	61	60	60	58	47	43	47	47	60	73	77	66	78	51	50	48	45	58	55	48	44	35	34	29	40	50	38	41	43	51.4
	MIN	20	32	37	33	37	24	20	18	19	16	34	38	36	58	45	32	29	39	28	32	30	27	33	30	19	14	27	34	27	18	14	29.0
HELENA	MAX	55	57	62	59	59	61	55	59	51	52	43		72	71	70	73	65	55	50	56	54	60	51	50	43	35	32	47	58	58	41	55.1
	MIN	29	30	43	40	40	32	32	29	31	30	29	29	37	61	63	63	45	44	44	36	35	42	37	37	35	23	23	30	38	38	23	37.0
HOPE	MAX	60	62	60	63	67	63	63	62	55	54	53	63	78	80	75	72	59	50	49	55	59	65	54	51	46	40	32	50	59	46	50	57.9
	MIN	26	30	35	36	41	25	36	24	27	26	29	41	61	65	64	59	46	42	40	27	32	43	39	39	36	25	28	31	32	26	22	36.5
HOT SPRINGS	MAX	60	51	58	56	64	62	59	54	54	51	58	79	76	72	69	67	51	46	51	58	52	52	50	46	39	33	47	65	56	49	51	56.0
	MIN	34	40	41	42	50	33	43	29	29	27	32	51	57	65	64	50	39	40	38	31	41	40	35	34	32	21	26	39	32	25	27	38.3
JONESBORO	MAX	56	58	62	60	62	59	54	36	50	42	60	72	72	70	67	67	47	44	41	54	56	46	45	36	36	31	45	54	40	39	45	51.8
	MIN	27	30	37	36	39	33	33	25	27	23	23	31	45	57	64	45	35	35	38	30	31	35	34	32	29	16	16	28	35	25	22	32.8

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		Day of month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KEO	MAX	60	54	60	64	64	61	61	51	52	46	60	76	80	75	73	69	54	49	49	59	53	52	50	47	40	31	48	58	58	48	50	56.5
	MIN	26	31	42	36	52	29	35	23	27	23	28	54	53	64	66	51	40	40	38	28	37	42	35	36	30	21	27	41	35	27	22	36.7
LEAD HILL	MAX	60	45	58	60	62	60	49	42	50	46	53	74	79	65	78	65	51	48	45	58	58	49	45	41	34	26	41	50	50	43	42	52.5
	MIN	18	27	36	26	40	21	24	16	18	12	27	42	30	44	60	35	26	38	28	26	28	23	37	33	25	11	25	35	30	18	12	28.1
LITTLE ROCK WB AP	MAX	57	51	61	62	64	62	59	49	51	44	62	76	78	74	72	68	50	48	48	58	51	50	48	43	38	30	47	57	52	45	48	54.9
	MIN	30	34	40	36	40	30	37	27	31	26	31	56	49	67	67	47	41	40	33	29	36	39	36	35	27	21	28	41	34	29	24	36.8
LUTHERVILLE	MAX	57	57	52	55	61	60	55	51	51	48	54	71	78	75	69	67	65	64	62	60	58	55	54	53	52	52	42	48	50	45	47	57.0
	MIN	30	34	40	37	35	25	36	25	27	22	26	37	39	61	64	46	37	38	34	28	36	40	38	33	28	18	22	34	29	20	22	33.6
MAGNOLIA	MAX	64	66	67	65	66	63	65	60	55	56	65	79	83	78	74	69	57	51	55	62	75	67	54	54	44	39	47	61	63	52	55	61.6
	MIN	41	43	35	45	53	30	40	30	28	31	33	61	60	66	65	55	45	44	45	29	45	46	40	43	36	27	31	43	34	26	22	41.0
MALVERN	MAX	60	60	51	60	67	63	61	62	52	53	49	64	76	79	74	71	55	51	49	52	58	55	53	59	62	49	35	49	51	40	48	57.0
	MIN	27	30	36	37	38	26	29	24	28	25	29	32	48	57	65	54	44	41	41	25	30	41	38	40	41	26	28	34	35	26	19	35.3
MAMMOTH SPRING	MAX	56	55	55	58	59	57	60	59	50	49	46	60	71	76	77	69	65	60	59	60	64	69	61	59	59	40	40	45	49	50	50	57.6
	MIN	24	22	23	26	25	24	23	18	18	17	17	24	30	32	59	37	30	29	19	21	30	24	30	24	21	11	12		32	32	13	24.9
MARIANNA	MAX	62	63	62	60	63	58	59	52	51	44	60	73	75	74	74	66	57	56	48	57	57	50	47	65	47	41	49	59	45	41	48	56.9
	MIN	26	30	45	40	43	27	34	25	25	23	23	33	55	61	65	57	41	40	41	28	30	41	34	38	32	20	27	29	35	27	18	35.3
MARKED TREE	MAX	58	59	59	59	60	65	59	57	46	50	42	61	73	77	70	71	54	50	46	42	57	57	48	46	39	38	30	45	57	43	39	53.5
	MIN	27	29	35	38	39	31	32	24	27	23	24	33	49	60	65	52	36	36	40	30	31	35	34	34	30	18	18	30	37	27	21	33.7
MARSHALL	MAX	59	53	63	57	62	59	52	45	48	48	52	76	77	70	72	66	58	47	48	57	56	49	49	41	32	27	42	50	48	43	43	53.2
	MIN	23	37	40	42	41	27	34	19	19	16	31	30	31	62	62	37	31	29	32	26	39	28	34	30	26	15	24	34	29	17	20	31.1
MENA	MAX	59	50	65	59	64	60	49	54	48	52	57	57	76	69	70	67	49	46	48	58	57	54	48	44	38	33	46	51	51	47	46	53.9
	MIN	28	35	34	41	43	26	39	26	26	22	36	56	52	64	63	44	40	40	34	27	39	38	37	34	29	23	24	40	30	20	24	35.9
MONTICELLO	MAX	61	58	60	64	62	60	63	54	52	49	63	72	78	73	75	66	53	51	56	58												-
	MIN	33	43	45	46	43	31	38	34	32	30	34	58	61	65	65	49	46	40	31	27												-
MORRILTON	MAX	59	59	48	61	65	59	62	57	47	52	46	63	76	76	70	67	56	51	47	47	60	51	52	48	39	38	30	46	54	38	47	53.9
	MIN	27	27	35	38	39	27	29	25	26	23	24	35	43	43	64	48	38	37	40	27	28	38	37	35	34	21	20	26	26	26	24	32.6
MOUNT IDA 1	MAX	60	50	55	63	61	58	58	53	53	58	62	73	76	69	70	72	69	58	52	58	57	58	56	48	52	48	48	58	50	52	51	58.3
	MIN	16	24	31	34	33	17	32	15	16	15	38	40	44	52	61	60	52	38	26	18	28	31	30	33	31	17	20	40	30	39		32.0
MOUNT MAGAZINE	MAX	50	45	49	52	58	51	47	38	40	40	49	65	70	64	63	62	44	46	42	50	53	45	40	37	35	26	38	47	46	34	35	47.1
	MIN	37	39	38	45	37	32	36	29	28	27	30	47	58	61	60	43	34	35	25	24	41	36	28	26	24	17	22	31	21	10	24	33.7
MOUNTAIN HOME	MAX	55	47	48	57	61	58	49	40	49	42	53	73	75	66	71	65	50	45	43	57	58	49	44	40	35	30	44	46	50	42	43	51.1
	MIN	24	28	41	31	41	24	31	20	23	17	28	46	39	55	63	36	31	37	34	25	33	31	36	29	26	12	25	34	30	18	16	31.1
NASHVILLE	MAX	59		60	63	68	63	63	60	53	55	51	67	77	80	73	71	58	51	47	54	59	62	55	50	44	44	35	47	56	45	50	57.3
	MIN	27	31	32	33	48	24	33	24	27	24	26	38	49	56	64	57	47	43	38	24	27	44	40	40	35	25	27	31	33	25	20	35.2
NEWPORT	MAX	60	60	62	60	63	61	58	45	53	44	60	75	72	72	68	68	52	44	45	58	56	49	48	39	40	33	45	54	42	44	47	54.1
	MIN	27	30	37	40	43	28	30	24	27	27	27	34	52	58	67	49	38	40	41	31	34	39	36	35	32	18	20	30	36	27	20	34.7
NIMROD DAM	MAX	61	61	49	63	66	55	59	56	51	50	52	64	77	75	72	68	52	54	52	53	66	61	55	48	44	45	29	49	55	39	48	55.8
	MIN	22	23	33	31	34	22	23	20	22	18	18	42	42	44	60	46	33	35	36	24	26	33	34	34	32	19	19	25	31	25	16	29.7
NORFORK DAM	MAX	56	58	51	51	63	62	60	49	44	50	44	70	75	76	69	71	55	52	45	47	59	60	50	46	41	38	32	45	51	34	44	53.2
	MIN	24	25	27	30	33	21	23	13	21	18	20	34	35	39	55	39	33	30	35	22	25	31	37	32	29	14	16	24	31	19	13	27.4
ODEN	MAX	65	58	66	56	64	60	53	51	50	51	65	75	76	71	71	56	47	48	49	58	57	54	46	44	38	31	46	54	37	49	46	54.6
	MIN	35	37	36	36	35		37	21	23	20	38	45	57	64	65	45	38	40	30	39	34	34	39	35	23	22	34	44	34	25	20	36.2
OKAY	MAX	61	63	65	71	69	69	69	69	69	69	63	78						49	55	60	60	60	65	65	43	43	46	59	58	52	56	61.0
	MIN	26	32	34	48	53	24	24	23	23	23	32	58	49	48	49	48	46	42	41	25	28	38	32	35	36	32	30	43	32	28	20	35.5
OZARK	MAX	57	48	47	55	55	54	61	51	46	51	48	60	71	80	65	72	59	53	46	48	58	58	55	47	44	40	30	41	50	36	46	52.6
	MIN	24	24	39	37	36	24	25	24	24	21	21	35	40	40	62	45	38	38	36	24	24	39	39	36	34	22	24	27	33	22	19	31.5
PARAGOULD	MAX	56	57	62	59	61	57	54	44	49	44	53	71	72	69	68	66	49	43	42	53	59	54	45	41	36	32	41	52	54	40	43	52.5
	MIN	27	34	45	42	52	28	34	23	29	22	25	50	43	56	64	44	35	39	33	29	34	37	34	33	30	16	26	34	34	26	21	34.8
PERRYVILLE	MAX	61	53	63	60	58	59	61	47	50	48	49	75	75	68	70	65	60	60	62	59	64	58	55	53	49	51	53	54	55	50	49	57.9
	MIN	30	32	34	30	28	31	28	27	29	26	30	35	40	37	47	42	35	36	33	30	36	30	29	24	23	25	28	26	26	33	25	31.1
PINE BLUFF	MAX	61	54	56	66	64	63	62	53	53	45	60	76	82	74	73	68	52	50	62	59	61	53	49	45	40	34	50	62	59	46	52	57.5
	MIN	30	34	44	40	40	30	40	28	31	28	29	58	54	64	64	50	46	43	45	39	43	45	39	38	33	23	28	43	37	28	24	39.3
PINE BLUFF CAA	MAX	60	54	60	64	64	61	62	53	51	47	62	74	79	74	73	66	52	51	53	59	60	53	50	44	39	30	47	62	53	45	52	56.6
	MIN	28	32	44	36	38	29	32	27	29	28	27	55	54	67	65	50	45	43	32	29	43	42	37	36	28	23	29	42	34	26	22	37.2
POCAHONTAS 1	MAX	57	55	61	58	66	58	54	43	52	46	52	74	71	69	67	66	51	45	43	57	60	50	43	41	37	31	42	45	52	42	47	52.7
	MIN	26	30	44	37	51	25	31	20	29	20	21	49	44	59	64	40	31	37	33	26	32	35	34	31	28	12	23	31	32	22	17	32.7
PORTLAND	MAX	63	65	63	63	71	70	61	65	63	63	63	67	70	76	72	78	72			62	62	68	68	63	61			53	70		53	65.6
	MIN	27	28	38	39	39	27	27	28	28	27	27	29	50	56	62	62	46	46	45	28	28	45	39	39	35	24	24	30	30	28	21	35.5
PRESCOTT	MAX	59	62	59	62	68	64	60	62	60	54	51	62	78	80	74	70	58	50	51	55	58	63	53	52	45	47	40	48	58	44	45	57.8
	MIN	25	26	32	32	36	25	25	25	25	24	25	28	58	62	64	56	44	40	38	26	26	38	37	37	33	22	22	29	31	24	22	33.5
ROGERS	MAX	55	52	62	59	60	58	50	48	46	50	54	70	72	67	77	60	52	48	44	55	55	50	45	42	34	29	41	50	58	41	42	52.5
	MIN	25	34	34	42	41	27	30	23	26	18	34	43	46	57	54	42	32	38	28	29	37	33	33	30	24	16	27	34	26	12	20	32.1
RUSSELLVILLE	MAX	60	48	58	58	64	63	56	47	53	47	55	76	79	77	70	67	54	51	48	60	55	54	50	47	39	31	44	50	55	47	48	55.2
	MIN	24	32	40	34	44	24	33	22	23	20	28	50	41	55	65	45	37	41	37	25	32	37	39	35	29	22	26	40	34	24	18	34.1
SAINT CHARLES	MAX	58	60	62	62	64	62	59	59	53	51	45	64	74	79	73	74	59	54	50	52	58	60	50	53	43	39	33	48	60	42	42	56.2
	MIN	26	32	43	38	48	30	34	26	29	28	29	38	52	63	62	56	43	43	45	31	34	34	35	35	32	22	23	31	37	30	23	36.5
SEARCY	MAX	60	57	58	58	62	61	59	46	56	45	56	74	76	73	69	65	52	46	48	58	58	49	48	41	38	33	46	55	40	43	50	54.2
	MIN	27	29	42	37	39	27	33	24	29	25	28	45	46	59	63	45	38	39	38	28	34	39	36	34	31	20	27	37	35	26	20	34.8
SHERIDAN	MAX	59	52	63	67	67	62	61	50			62	75	79	74	71	56	51	53	51	59	51	50	49	46	38	41	49	52	41	46	52	56.1
	MIN	24	29	29	32	33	23	23	23	22	23	24	57	53	63	52	34	35	32	30	23	31	33	34	32	28	18	21	30	30	21	17	30.9
SILOAM SPRINGS	MAX	58	52	62	61	63	59	53	50	45	49	60	73	78	70	78	66	57	52	46	54	56	52	49	47	35	30	42	52	50	48	41	54.5
	MIN	27	42	30	44	40	26	31	21	27	17	36	40	45	61	63	32	34	40	28	28	32	33	37	32	24	18	27	36	27	14	16	32.5
STUTTGART	MAX	59	58	61	64	64	60	60	51	50	45	66	74	79	74	73	57	49	49	50	60	58	50	51	45	39	41	46	59	41	43	49	55.6
	MIN	31	41	40	41	30	30	27	28	28	28	35	54	63	65	57	44	42	42	29	30	41	36	36	36	35	22	30	34	35	23	25	36.7
STUTTGART 9ESE	MAX	57	59	59	62	63	63	58	59	52	50	45	60	72	78	74	72	57	60	57	54	57	59	51	52	44	40	32	45	67	51	44	56.5
	MIN	29	30	40	39	43	30	30	26	28	29	26	36	54	62	64	56	44	41	40	30	34	41	36	37	34	23	24	31	35	29	23	36.3
SUBIACO	MAX	59	52	55	60	56	62	57	47	50	49	57	70	78	75	75	71	64	49	45	58	56	53	47	44	40	33	45	45	40	43	45	54.2
	MIN	26	35	40	35	28	26	36	25	27	22	29	55	43	55	64	43	36	42	34	27	35	37	36	34	30	23	24	34	32	22	25	34.2

See reference notes following Station Index.

DAILY TEMPERATURES

Table 5-Continued

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
TEXARKANA WB AIRPORT	MAX	61	67	66	67	69	62	61	57	54	53	65	78	80	75	72	67	52	51	54	60	66	58	53	52	42	33	48	60	50	51	53	59.3
	MIN	31	42	36	47	41	30	35	30	29	30	38	61	60	66	66	51	45	43	35	30	48	45	42	38	30	28	33	47	32	27	26	40.1
TURNPIKE	MAX	53	44	51	50	57	54	48	40	44	44	46	68	73	66	64	63	48	44	42	50	51	48	45	40	30	22	36	45	47	39	40	48.1
	MIN	32	36	39	41	36	31	31	29	26	22	28	45	53	57	58	32	30	35	24	29	39	31	30	28	16	12	19	29	21	17	23	31.6
WALORON	MAX	61	56	60	63	64	60	53	50	49	51	59	75	80	73	72	68	50	52	52	60	56	53	47	45	39	38	48	53	53	46	46	55.9
	MIN	20	29	33	47	47	20	33	19	18	16	35	49	38	61	62	40	34	41	34	22	30	29	37	33	30	20	23	40	30	19	15	32.4
WARREN	MAX	59	57	59	61	61	58	59	61	51	49	61	74	80	75	74	71	61															-
	MIN	34	36	41	47	49	29	38	38	27	29	29	57	56	61	67	41	46															-
WHITE ROCK	MAX	45	56	55	51	57	54	54	43	45	44	50	68	72	64	70	66	51	45	42	50	53	54	54	40	34	24	36	46	46	42	40	50.0
	MIN	32	32	37	43	37	29	35	29	29	25	30	38	54	60	60	35	36	35	25	28	42	35	33	29	21	16	20	30	23	19	26	33.0
WYNNE	MAX	59	61	62	60	64	59	57	47	50	44		72	73	71	72	67	53	48	47	55	53	53	48	43	39		45	58	58	41	47	55.4
	MIN	31	36	47	42	46	30	39	25	25	24	30		49	65	65	48	38	40	37	29	38	39	36	35	31	19	28	37	35	27	21	36.4

DELAYEO DATA

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
JANUARY 1948 WARREN	MAX	86	87	89	91	93	89	95	93	90	90	92	96	97	98	95	96	95	94	96	98	97	97	97	97	97	94	91	96	85	86		93.2
	MIN	66	67	58	61	73	70	67	69	67	64	63	68	71	73	75	73	73	74	73	72	71	77	72	73	71	74	71	73	68	69		69.9
JULY 1948 WILSON	MAX			84	95	96	94	90	97	91	93	91	89	91	80	90	92	92	95	92	92	93	93	94	84	84	91	91	92	93	95	96	91.4
	MIN			59	65	72	73	70	69	68	68	70	68	73	71	72	74	75	69	77	68	74	73	74	66	68	70	72	74	74	75	72	70.8
AUGUST 1948 WARREN	MAX	87	95	96	91	89	91	87	84	80	89	89	92	98	96	94	90	89	93	92	94	94	93	94	93	93	85	93	94	94	94	93	91.5
	MIN	63	64	71	63	63	69	67	69	71	71	72	72	76	74	74	67	68	72	71	71	70	71	72	71	74	73	71	72	73	72	61	69.9
WILSON	MAX	95	87	86	89	91	85	80	79	86	82	90	89	89	90	96	87	87	87	88	91	94	94	95	95	97	95	95	97	96	96	92	90.3
	MIN	73	74	64	61	62	58	59	60	65	60	72	72	72	70	70	66	72	63	67	65	68	66	67	68	69	70	72	72	70	70	65	67.2
OCTOBER 1948 MARSHALL	MAX	82	80	75	72	79	75	71	72	80	73	68	77	81	81	79	80	75	62	74	72	69	74	72	70	70	75	76	77	79	70	70	74.5
	MIN	60	49	49	39	48	58	39	39	40	59	41	37	34	43	43	67	39	24	29	32	49	43	35	31	30	34	42	35	46	60	60	43.0
ODEN	MAX	84	84	78	82	76	77	80	80	79	82	81	80	85	85	84	81	64	67	75	75	68	77	78	72	62	80	85	85	82			78.2
	MIN	50	54	44	53	44	46	43	56	42	44	47	39	43	53	51	62	48	28	30	35	50	43	39	44	34	39	44	54	51			45.2
NOVEMBER 1948 CAMDEN 1	MAX	73	73	70	80	81	65	69	70	74	61	61	68	51	62	71	64	77	74	75	52	66	51	55	56	61	74	70	61	50	57		65.7
	MIN	58	52	52	54	54	45	32	32	36	30	29	29	45	39	36	41	36	36	43	37	38	40	32	31	33	34	37	39	29	25		38.5

CORRECTIONS

BENTON
November 1948
Delete minimum temperature on 2nd.
Mean-minimum temperature, 39.8M.
General Table: Mean temperature, 58.0M; temperature departure, -4.6.

HOPE
April 1948 -
Total Precipitation, 4.62; departure from normal, -0.69; days .01 or more, 5; days .25 or more, 5.

May 1948
Total precipitation, 6.89; departure from normal, +1.80.

See reference notes following the Station Index.

EVAPORATION AND WIND MOVEMENT

Table 6

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	Departure from normal
BETHESDA	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	16	24	48	20	94	96	65	50	33	51	26	149	44	95	43	71	70	59	15	127	33	48	75	123	86	63	13	56	92	165	14	1964	
HOPE	EVAP	-	-	.017	.050	*	*	.350	*	*	*	.318	.003	.091	.075	-	-	.135	.035	*	*	.149	.040	.140	*	*	*	*	.278	.097	-	-	2.205B	
	WIND	16	9	20	9	*	129	32	41	27	72	24	74	42	52	75	53	*	138	*	55	17	62	84	*	*	*	230	27	79	74	-	-	
NIMROD DAM	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	4	10	9	19	50	116	27	32	4	6	45	40	17	39	32	24	11	2	5	55	14	1	4	9	12	13	5	*	109	88	23	825	
NORFORK DAM	EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	24	22	29	6	38	140	68	27	27	27	33	58	67	88	24	11	41	71	30	26	70	35	70	107	69	61	34	103	22	71	26	1525	
RUSSELLVILLE	EVAP	.044	.044	.016	.018	.138	.050	.080	.032	.052	.046	.020	.010	.048	*	.112	.088	.062	.044	.056	.038	.020	.054	.084	.104	.034	*	.054	*	.054	.046	.032	1.480	
	WIND	20	4	6	6	80	23	22	28	13	22	14	18	13	10	15	36	20	25	46	10	7	18	43	46	46	13	20	20	95	52	24	815	

DAILY RIVER STAGES

Table 7

River and Station	Flood stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Highest	Date	Lowest	Date
BUFFALO																																				
GILBERT	30	3.5	3.6	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.6	3.6	7.9	10.0	7.2	6.0	5.5	5.1	4.8	4.8	4.7	4.5	6.8	6.5	5.6	5.1	6.4	7.0	5.9	10.0	16	3.5	1
BLACK																																				
BLACK ROCK	14	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.2	2.0	2.0	2.1	13.9	12.5	11.0	9.3	8.0	7.3	6.8	6.4	6.2	9.7	9.9	9.3	8.5	11.3	13.0	12.7	13.9	16	2.0	13
WHITE																																				
COTTER	21	1.4	1.6	1.8	1.8	1.9	1.8	1.8	1.4	1.7	1.8	1.9	1.6	1.7	1.7	6.8	5.9	5.6	5.2	5.6	5.9	5.4	4.6	4.6	4.5	5.1	4.1	4.1	4.0	4.3	4.6	4.6	6.8	15	1.4	1
CALICO ROCK	19	1.2	1.2	1.4	1.4	1.4	0.8	1.0	1.0	1.2	1.4	1.8	1.1	0.7	1.4	3.3	8.2	7.6	6.0	5.5	5.5	5.0	4.4	3.3	3.3	3.9	5.0	4.0	3.6	4.1	4.8	4.9	8.2	16	0.7	13
BATESVILLE L & D 1	23	6.4	6.3	6.2	6.3	6.3	6.3	5.7	6.6	6.2	6.2	6.3	6.6	6.1	6.4	9.8	13.3	15.0	13.1	11.6	10.7	11.0	10.4	9.7	9.1	11.4	10.5	10.3	9.9	10.8	10.8	11.1	15.2	17	5.7	7
NEWPORT	26	2.0	2.4	2.3	2.2	2.1	2.0	1.9	1.8	2.0	2.0	2.0	2.1	2.2	1.8	1.8	11.9	16.1	17.0	16.2	14.9	13.3	12.2	10.8	9.3	8.7	12.1	12.7	12.0	11.7	12.8	13.4	17.0	18	1.8	8
GEORGETOWN	21	3.5	3.3	3.3	3.3	3.2	3.1	3.1	2.9	2.7	2.5	2.5	2.4	2.4	2.4	2.4	5.5	15.8	18.2	18.8	18.6	18.2	17.7	17.0	16.1	15.0	14.6	15.4	15.4	15.6	16.3	17.0	18.8	19	2.4	12
CLARENDON	26	12.7	12.8	12.8	12.8	12.8	12.7	12.5	12.4	12.2	12.0	11.8	11.6	11.5	11.4	11.4	11.3	13.2	17.5	19.8	21.1	22.0	22.8	23.5	24.0	24.2	24.3	24.2	24.1	24.3	24.3	24.4	24.4	31	11.3	16
PETIT JEAN																																				
DANVILLE	20	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.0	8.7	8.6	4.8	4.0	4.0	3.6	3.4	3.3	3.2	3.5	3.4	3.4	3.2	3.4	3.7	3.6	8.7	16	2.6	10
ARKANSAS																																				
VAN BUREN	22	4.6	4.6	5.2	5.4	5.8	6.4	6.2	5.9	5.5	5.6	5.9	5.5	5.3	4.8	5.0	6.2	7.3	7.2	6.8	6.0	5.6	5.2	5.0	5.1	5.2	5.4	5.4	5.2	4.7	5.2	5.6	7.3	17	4.6	2
OZARK	22	1.0	1.1	1.0	1.4	1.3	1.8	2.4	2.4	2.2	2.0	2.0	2.0	1.8	1.6	1.8	2.9	2.9	2.8	3.4	2.9	2.4	2.3	1.8	1.3	1.8	2.0	2.0	1.9	1.8	1.9	2.1	3.4	19	1.0	1
DARDANELLE	22	2.2	2.3	2.2	2.2	2.8	2.9	3.4	3.5	3.6	3.2	3.1	3.2	3.2	3.1	3.1	8.0	5.5	5.1	5.2	4.8	4.4	3.8	3.4	3.0	3.7	4.1	3.9	3.8	4.7	5.0	5.4	8.0	16	2.2	1
MORRILTON	20	7.0	6.8	6.9	6.8	6.8	7.1	7.4	7.8	8.4	8.2	7.8	7.6	7.3	7.6	7.7	8.4	12.3	11.6	10.8	10.9	10.6	9.8	9.1	8.5	8.4	8.2	9.1	8.9	8.8	9.2	10.4	12.3	17	6.8	2
LITTLE ROCK WB AP	23	0.9	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.5	1.6	1.4	1.2	1.2	1.3	1.3	4.4	6.7	6.4	5.7	5.3	4.9	4.3	3.6	2.9	2.4	2.2	2.6	2.6	2.6	2.9	3.7	6.7	17	0.9	1
PINE BLUFF	25	2.0	2.0	1.9	1.7	1.6	1.6	1.7	2.0	2.2	2.7	2.9	2.6	2.3	2.3	2.4	2.6	6.9	9.3	8.7	7.9	7.5	7.0	6.3	5.4	4.6	3.8	3.7	4.3	4.3	4.3	4.9	9 3	18	1.6	5
CADDO																																				
GLENWOOD	10	4.4	4.4	4.4	4.6	4.8	4.8	4.8	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	5.9	7.5	7.4	7.4	6.3	6.0	5.7	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.4	7.5	18	4.4	1
SALINE																																				
BENTON	20	6.5	6.2	6.0	5.9	5.7	5.7	5.6	5.4	5.3	5.2	5.1	5.0	5.0	5.0	5.1	16.2	14.0	9.6	8.5	7.8	7.3	6.9	6.6	6.3	6.2	6.2	6.0	5.9	9.0	9.2	8.0	17.9	16	5.0	14
LITTLE MISSOURI																																				
BOUGHTON	20	5.0	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.2	12.6	10.2	8.7	7.0	6.5	6.4	8.4	6.0	5.7	5.4	5.3	5.4	7.2	8.8	12.6	18	4.5	15
OUACHITA																																				
ARKADELPHIA	17	5.2	5.8	5.8	4.0	4.2	3.8	4.2	5.2	5.1	4.4	5.0	3.8	3.5	3.6	4.6	6.3	14.7	15.0	12.0	10.4	8.2	7.2	7.0	6.9	6.8	6.6	5.7	4.3	6.3	8.1	7.6	15.0	18	3.5	13
CAMDEN 1	26	5.9	6.4	6.2	6.7	7.6	5.7	5.5	5.5	5.4	5.3	5.5	5.9	6.2	5.9	5.0	4.8	7.3	10.8	18.1	20.0	19.6	16.6	13.0	10.9	10.0	9.5	8.9	8.6	7.5	8.4	11.2	20.0	20	4.8	16
LITTLE																																				
WHITECLIFFS	25	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.5	3.5	12.5	12.2	9.9	7.9	6.0	5.0	4.0	3.8	3.5	3.2	3.0	3.0	3.0	2.9	12.5	18	0.0	4
RED																																				
INDEX	25	6.2	6.2	6.2	6.3	6.1	6.1	6.0	6.0	5.9	5.9	5.9	5.8	6.4	6.8	7.2	7.2	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	
FULTON	25	6.9	6.6	8.4	6.9	6.6	-	-	-	-	-	-	-	-	-	7.0	7.5	8.6	10.4	10.4	11.0	9.8	9.5	9.2	8.9	8.6	8.0	8.0	8.1	8.3	8.2	7.9	-		-	
ST. FRANCIS																																				
ST. FRANCIS	18	9.2	8.3	7.5	7.8	6.3	6.0	6.0	5.9	5.7	5.6	5.5	5.4	5.4	5.3	9.4	14.7	15.5	15.2	15.0	14.8	14.3	13.7	12.9	12.2	14.6	15.1	15.0	14.1	14.7	14.8	15.2	15.5	17	5.3	14
ST. FRANCIS LAKE	30	20.8	20.7	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7	20.9	21.1	21.2	21.4	21.6	22.0	22.2	22.3	22.4	22.4	22.5	22.5	22.5	22.9	23.1	23.3	23.3	31	20.7	2
MARKED TREE	17	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	2.8	3.4	3.9	6.0	7.7	7.9	7.8	7.7	7.6	7.6	7.7	8.0	8.2	8.7	8.9	9.0	9.0	31	1.1	1
PARKIN	28	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.0	4.0	5.2	7.2	8.8	9.4	9.8	10.0	9.9	9.9	9.9	10.5	10.7	11.0	11.3	12.1	13.3	14.2	14.2	31	4.0	1
MADISON	32	4.3	4.4	4.5	4.5	4.5	4.8	5.0	5.2	6.0	6.2	6.5	7.0	7.0	6.4	5.0	4.7	5.4	6.5	8.9	9.9	9.6	10.0	10.4	11.2	12.0	12.3	12.5	12.6	14.0	14.4	15.6	15.6	31	4.3	1
MISSISSIPPI																																				
HELENA	44	18.0	18.8	19.9	21.3	22.5	23.5	24.7	25.5	26.6	27.0	26.9	26.1	25.0	23.6	22.0	20.5	19.4	18.3	18.0	19.1	21.4	24.1	26.4	27.8	28.8	29.5	29.4	29.3	29.8	30.3	30.5	30.5	31	18.0	1
ARKANSAS CITY	42	14.1	14.6	15.2	16.0	17.0	17.8	18.5	19.2	20.0	20.6	20.9	20.9	20.5	19.8	18.8	17.8	16.8	16.1	16.0	16.1	16.6	17.9	14.5	21.1	22.2	23.0	23.4	23.5	23.5	23.7	24.1	24.1	31	14.1	1

DELAYED DATA

JUNE 1948																																				
RED																																				
INDEX	25	13.5	13.1	12.4	11.4	10.6	11.2	12.4	11.6	11.6	11.4	11.0	11.0	10.5	10.0	8.4	8.2	8.2	8.0	7.8	7.8	7.6	7.6	7.8	7.8	7.8	7.4	7.9	10.1	11.0	11.6		13.5	1	7.4	26
AUGUST 1948																																				
LITTLE																																				
WHITE CLIFFS	25	.9	.7	.7	.7	.7	.7	.7	.7	.2	.2	.2	.2	1.0	2.5	2.5	2.6	2.6	1.8	1.6	1.5	1.5	1.4	1.1	1.1	1.1	1.1	1.1	1.0	-	-	-	-		-	
NOVEMBER 1948																																				
WHITE																																				
CALICO ROCK	19	-	1.1	1.7	2.5	2.4	1.9	2.3	2.0	2.2	1.8	2.0	1.9	1.9	1.8	1.7	1.3	1.6	1.8	2.0	1.3	1.3	1.5	1.2	1.1	1.3	1.3	1.4	1.2	.5	1.6		2.5	4	.5	29
OUACHITA																																				
CAMDEN 1	26	4.2	4.8	4.8	5.0	4.8	4.8	4.7	5.6	4.9	4.5	4.1	4.8	5.0	4.4	4.4	5.0	5.0	7.2	9.1	9.3	10.0	10.2	10.2	10.3	8.7	7.5	6.4	6.0	6.0	6.0		10.3	24	4.1	11
RED																																				
FULTON	25	6.4	6.9	7.2	7.4	7.6	7.3	6.6	6.1	6.9	6.9	7.0	7.0	6.8	6.4	6.7	7.4	7.5	7.5	7.7	7.6	7.2	7.3	7.4	7.4	7.4	7.3	7.0	6.4	6.6	7.2		7.7	19	6.1	8
INDEX	25	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	6.4	7.2	7.2	7.2	7.2	6.8	6.4	6.4	6.4	7.0	7.0	6.8	6.4	6.4	6.2	6.2		-		-	
LITTLE																																				
WHITE CLIFFS	25	0.0	0.0	0.0	0.0	0.0	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.5	2.5	2.5	2.5	2.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0		3.0	21	0.0	11

The following reference notes apply only to Table 7 - Daily River Stages:
Readings are made at approximately 7 a.m. (Local time). They are provisional and subject to corrections.
Final and corrected stages will be published in the annual publication "Daily River Stages - Principal Rivers of the United States".

a	Obstructed by rough ice.
b	Frozen but open at gage.
c	Upper surface of smooth ice.
d	Ice gorge above gage.
e	Ice gorge below gage.
f	Shore ice.
g	Floating ice.
h	Pool stage.
i	Dry at gage.
j	Interpolated.

STATION INDEX

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
ABBOTT	0006	SCOTT	ARKANSAS	35 04	94 12	624	C		7A		7		JAMES V. WILLIAMS	3
ALICIA	0064	LAWRENCE	WHITE	35 54	91 05	256	C		MID		22		BEN R. BUSH	3 4
ALPINE	0118	CLARK	OUACHITA	34 16	93 23	-	C		7A		2		MRS. ALTA F. GARNER	3
ALUM FORK	0130	SALINE	ARKANSAS	34 48	92 52	755	C	5P	5P	11	11		L. R. WATER WDRKS	2 3 4 5
ALY	0136	YELL	OUACHITA	34 47	93 29	850	C		MID		6		MRS. ELVIA LAMB	3 4
ANTOINE	0178	PIKE	OUACHITA	34 02	93 25	285	C		8A		6		EARNEST F. CARROLL	3
APLIN	0188	PERRY	ARKANSAS	34 58	92 59	4D0	C		7A		4		BESSIE L. EDWAROS	3
APPLETDN	0196	POPE	ARKANSAS	35 25	92 53	522	C		MID		8		JOHN A. JDNES	3 4
ARKAOELPHIA	D220	CLARK	OUACHITA	34 07	93 03	200	C	7A	7A	52	52		W. H. HALLIBURTON	2 3 4 5 7
ARKANSAS CITY	0234	DESHA	MISSISSIPPI	33 37	91 12	145	C		8A		58		JOHN W. TRAMMELL	3 7
ASHOOWN	0286	LITTLE RIVER	REO	33 40	94 08	329	C	8A	8A	4	4		SOUTHWESTERN G & E	2 3 5
ATHENS	0300	HOWARO	REO	34 19	93 58	960	C		7A		0		ARRA O. PARKER	3
ATLANTA	031D	COLUMBIA	DUACHITA	33 07	93 02	329	C		MID		3		MISS EFFIE PERRY	3 4
AUGUSTA	0326	WDOORUFF	WHITE	35 17	91 22	218	C		7A		13		DAVIO G. GRIFFITHS	3 4
BATESVILLE AIRWAY	D456	INDEPENOENCE	WHITE	35 46	91 39	363	C	MID	MIO	40	40		AIRWAY OBSERVER	2 3 5
BATESVILLE LIVESTDCK	0458	INOEPENOENCE	WHITE	35 49	91 47	571	C	9A	9A	7	7		UNIV. OF ARKANSAS	2 3 5
BATESVILLE L & D 1	0460	INDEPENDENCE	WHITE	35 45	91 38	277	C		7A		35		B. M. HUDOLESTON	3 4 7
BEAR CREEK LAKE	0496	LEE	WHITE	34 43	90 42	220	C		MID		2		SOIL CONSER. SERVICE	3 4
BEATY LAKE	D512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	40D	C		5P		7		L. G. ADAMSDN	3
BEAVER	0518	CARROLL	WHITE	36 28	93 46	930	C		7A		3		H. E. SKELTDN	3 7
BEE BRANCH	0528	VAN BUREN	ARKANSAS	35 27	92 24	650	C	5P	5P	56	56		MINNIE SCANLAN	2 3 5
BEEBE	D530	WHITE	WHITE	35 04	91 54	250	C		MID		5		JR. AG. COLLEGE	3 4
BEECH GROVE	0534	GREENE	WHITE	36 09	9D 38	298	C		8A		7		B. B. HAMMOND	3
BEEOEVILLE	0536	JACKSON	WHITE	35 26	91 06	221	C		8A		8		P. M. BRECKINRIDGE	3
BENTON	0582	SALINE	SALINE	34 33	92 37	285	C	7A	7A	19	19		MRS. ETTA C. BURKS	2 3 5 7
BENTONVILLE	0586	BENTDN	ARKANSAS	36 22	94 13	1295	C	8A	8A	42	42		E. L. BROWN	2 3 5
BERRYVILLE	D616	CARROLL	WHITE	36 22	93 34	1255	C		MIO		5		LUCILLE R. MC WETHY	3 4
BETHESOA	D644	INDEPENOENCE	WHITE	35 49	91 47	500	C	8A	8A	8	8	5	SOIL CONSER. SERVICE	2 3 5 6
BIG FLAT	0662	BAXTER	WHITE	36 0D	92 24	1250	C		7A		2		W. C. NDRMAN	3
BIG FORK	0664	POLK	OUACHITA	34 29	93 58	1100	C		4P		4		ANNA M. LILES	3
BIG LAKE OUTLET	0676	MISSISSIPPI	ST. FRANCIS	35 51	9D 08	239	C		7A		3		N. W. DDUGLAS	3
BLACK ROCK	0746	LAWRENCE	WHITE	36 07	91 06	259	C		7A		46		J. H. RAGAN	3 7
BLUE MOUNTAIN OAM	0798	YELL	ARKANSAS	35 06	93 39	-	C		MIO		8		CDRPS DF ENGINEERS	3 4
BLYTHEVILLE	0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	C	7A	7A	22	22		R. E. BLAYLDCK	2 3 5
BOONEVILLE 3 MI S.W.	0828	LOGAN	ARKANSAS	35 09	93 58	465	C	6P	6P	33	33		NOVA RAE BURDOCK	2 3 4 5
BOONEVILLE	0830	LOGAN	ARKANSAS	35 D9	93 55	511	C		6A		7		CLEO E. YANOELL	3
BOTKINBURG	0842	VAN BUREN	WHITE	35 39	92 3D	12DD	C		MID		3		THOMAS M. PEARSON	3 4
BOUGHTON	0848	NEVADA	OUACHITA	33 52	93 18	235	C		8A		13		MAXINE K. ALLEN	3 7
BRADFORO	0872	WHITE	WHITE	35 25	91 28	240	C		7A		3		MARSHALL HICKMDN	3
BRINKLEY	0936	MONROE	WHITE	34 54	91 11	205	C	7A	7A	57	57		ROBERT L. GLOVER	2 3 4 5
BULL SHOALS DAM	1020	BAXTER	WHITE	36 22	92 34	760	C		MIO		1		CDRPS DF ENGINEERS	3 4
BUROETTE	1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240	C		6P		4		G. A. HALE	3
CABOT	1102	LONOKE	WHITE	34 59	92 01	289	C		6P				B. M. WALTHER	3
CALICO ROCK	1132	IZARO	WHITE	36 08	92 08	380	C		7A		43		WILLIAM JONES	3 7
CAMDEN 1	1152	OUACHITA	DUACHITA	33 36	92 49	116	C	7A	7A	58	58		MRS. M. R. BIGGERS	2 3 5 7
CAMOEN 2	1154	OUACHITA	OUACHITA	33 35	92 51	155	C		MIO				EDITH Z. LEHMAN	3 4
CAMP CHAFFEE	1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	C	8A	8A	6	6		U. S. ARMY	2 3 5
CANAAN	1188	SEARCY	WHITE	35 52	92 44	-	C		MID		8		FRONEY OELL HORTDN	3 4
CARLISLE	1224	LONOKE	ARKANSAS	34 47	91 45	235	C		8A		7		R. W. HOLLIS	3
CARPENTER OAM	1238	GARLANO	DUACHITA	34 27	93 01	-	C		MID		8		ARK. P. & L. CO.	3 4
CLARENOON	1442	MONROE	WHITE	34 41	91 18	172	C		7A		44		B. F. NORTHERN	3 7
CLARKSVILLE	1456	JOHNSON	ARKANSAS	35 29	93 28	370	C		MID		8		THOMAS L. SMITH	3 4
CLINTON	1492	VAN BUREN	WHITE	35 35	92 28	510	C		7A		26		EARL B. RIODICK	3
COLD SPRINGS	1520	SCDTT	OUACHITA	34 58	93 54	1250	C		7A		7		MARGARET ZORNES	3
COMBS	1574	MADISON	WHITE	35 50	93 5D	140D	C		MID		8		ROSA J. CDMBS	3 4
COMPTON	1582	NEWTON	WHITE	36 06	93 18	895	C		MID		5		WILLIAM L. BINAM	3 4
CONWAY	1596	FAULKNER	ARKANSAS	35 D5	92 27	309	C	5P	5P	64	64		G. Y. SHORT	2 3 5
CORNING	1632	CLAY	WHITE	36 24	90 35	293	C	7A	7A	54	54		MRS. LAURA POLK	2 3 4 5
COTTER	1640	MARION	WHITE	36 14	92 31	440	C		8A		20		D. B. MC SPADDEN	3 7
COVE	1666	POLK	RED	34 26	94 25	1D50	C		7A				WILLIAM M. RAYMOND	3
CROSSETT	1730	ASHLEY	OUACHITA	33 D2	91 56	175	C	5P	5P	25	35		U. S. FOREST SERVICE	2 3 5
CRYSTAL VALLEY	1750	PULASKI	ARKANSAS	34 42	92 26	350	C		7A		4		VIRDA BYRO	3
CULPEPPER	1756	VAN BUREN	WHITE	35 30	92 33	750	C		7A		6		MRS. LIZZIE THOMPSON	3
CUMMINS FARM	1768	LINCOLN	ARKANSAS	34 08	91 35	176	C	7P	7P	4	4		T. C. COGBILL	2 3 5
OAISY	1814	PIKE	OUACHITA	34 14	93 45	629	C		MID		6		ROBERT T. TEDOER	3 4
OANVILLE	1834	YELL	ARKANSAS	35 03	93 24	370	C		7A		32		J. A. MOUOY	3 7
OARoANELLE	1838	YELL	ARKANSAS	35 13	93 D9	330	C	7A	7A	62	62		GEORGE N. GODDLER	2 3 5 7
OE QUEEN	1948	SEVIER	RED	34 02	94 21	426	C	6P	6P	14	14		L. O. MC COWN	2 3 5
OENVER	1956	CARROLL	WHITE	36 23	93 18	1028	C		MIO		6		CLARENCE E. COLLINS	3 4
DERMOTT	1960	CHICOT	MISSISSIPPI	33 31	91 26	140	C		8A		8		L. W. WILSON	3
DES ARC	1968	PRAIRIE	WHITE	34 58	91 30	2D4	C	7A	7A	12	12		C. J. RISTER	2 3 5
DEVILS KNOB	1982	JOHNSON	ARKANSAS	35 43	93 24	2350	C	5P	5P	11	11		ARCHIE BRAOLEY	2 3 5
DUMAS 1	2148	DESHA	MISSISSIPPI	33 53	91 30	162	C	7P	7P	41	41		BEN JDHNSON	2 3 5
OUMAS 2	2150	OESHA	MISSISSIPPI	33 53	91 30	-	C		MIO		5		BETTY R. HOLMES	3 4
DURHAM	2176	WASHINGTON	WHITE	35 57	93 59	1243	C		MID		8		ANNIE A. WHITE	3 4
EAGLE GAP	2204	SCOTT	ARKANSAS	34 43	94 19	1150	C		8A		21		MRS. MINA C. RABB	3
EL OORAOO	2300	UNION	OUACHITA	33 13	92 40	278	C	7A	7A	47	47		AYLMER H. MC BRIOE	2 3 5
ELKINS	2315	WASHINGTON	WHITE			1364	C	6	6	0	0		HERBERT S. CLARK	2 3 5
EUREKA SPRINGS	2356	CARROLL	WHITE	36 24	93 45	1465	C	6P	6P	46	46		GEORGE W. NICHOALOS	2 3 5
EVENING SHAOE	2366	SHARP	WHITE	36 05	91 37	490	C		7A		8		OPHA WOLFE	3
FAYETTEVILLE	2442	WASHINGTON	WHITE	36 05	94 10	1370	C	7P	7P	10	10		CHARLES F. FORO	2 3 5
FAYETTEVILLE EXP. STN.	2444	WASHINGTON	WHITE	36 06	94 10	1412	C	5P	5P	60	60		UNIV. OF ARKANSAS	2 3 5
FOROYCE	2540	OALLAS	OUACHITA	33 42	92 22	280	C	5P	5P	16	16		ARK. FOR. COM.	2 3 5
FOREMAN	2544	LITTLE RIVER	REO	33 43	94 24	400	C		MIO		8		LESLIE P. CALLONS	3 4
FORESTER	2556	SCOTT	ARKANSAS	34 46	93 49	650	C		7P		7		A. L. MC CRAW	3
FORREST CITY	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260	C		MIO		8		THOMAS A. MOORE	3 4
FORT SMITH WB AP	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	C	MIO	MIO	66	66		U. S. WEATHER BUREAU	2 3 4 5
FORT SMITH WTR PLNT	2578	CRAWFORO	ARKANSAS	35 39	94 09	793	C		7A		10		R. J. SCHOEPPE	3
FOUNTAIN HILL	2598	ASHLEY	OUACHITA	33 21	91 50	175	C		8A		5		JETHRO R. OENSON	3

STATION INDEX — Continued

STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° '	LONG. ° '	ELEV. (FT.)	TIME OF OBSERVATION ZONE	TIME OF OBSERVATION TEMP.	TIME OF OBSERVATION PRECIP.	YEARS OF RECORD TEMP.	YEARS OF RECORD PRECIP.	YEARS OF RECORD EVAP.	OBSERVER	REFER TO TABLES
FULTON	2670	HEMPSTEAD	RED	33 37	93 48	260	C		8A		62		INA J. LOGAN	3 7
GARLAND	2710	MILLER	RED	33 21	93 42	230	C		7A		4		L. O. DENNEY	3
GEORGETOWN	2760	WHITE	WHITE	35 07	91 26	200	C		7A		35		J. S. MC DONALD	3 7
GILBERT	2794	SEARCY	WHITE	35 59	92 43	1325	C	7A	7A	22	22		PAUL M. JORDAN	2 3 4 5 7
GLENWOOD	2842	PIKE	OUACHITA	34 20	93 33	547	C		8A		13		CHARLES A. PRICE	3 7
GRANNIS	2908	POLK	RED	34 14	94 20	920	C	7A	7A	22	22		W. E. MC VAY	2 3 5
GRAVELLY	2922	YELL	ARKANSAS	34 53	93 41	498	C		7A		8		HAROLD L. FRIZZELL	3
GRAVETTE	2930	BENTON	ARKANSAS	36 36	94 32	1250	C	6P	6P	50	50		J. A. SCHMIDT	2 3 5
GREEN FOREST	2946	CARROLL	WHITE	36 20	93 26	1350	C		7A		8		OBED B. WILSON	3
GREEN MOUNTAIN	2952	STONE	WHITE	36 02	92 12	1100	C	5P	5P	10	10		U. S. FOREST SERVICE	2 3 5
GREENBRIER	2962	FAULKNER	ARKANSAS	35 14	92 14	360	C		7A		5		J. O. CANTRELL	3
GREENWOOD	2976	SEBASTIAN	ARKANSAS	35 13	94 15	518	C		7A		8		DOROTHY M. BEEN	3
GURDON	3074	CLARK	OUACHITA	33 54	93 09	210	C		7A		0		ROY S. ROBBS	3
HAMPTON	3098	CALHOUN	OUACHITA	33 32	92 28	202	C		7A				BILL S. WATSON	3
HARDY	3132	SHARP	WHITE	36 19	91 29	362	C		MID		8		T. B. DONALDSON	3 4
HARRISBURG	3160	POINSETT	ST. FRANCIS	35 34	90 44	280	C		MID		7		JOHN O. MAY	3 4
HARRISON	3164	BOONE	WHITE	36 14	93 07	1052	C	6P	6P	47	47		R. C. BEENE	2 3 4 5
HEBER SPRINGS 3 MI. S.W.	3230	CLEBURNE	WHITE	35 28	92 03	-	C		MID		6		WAYNE STARK	3 4
HECTOR	3235	POPE	ARKANSAS	35 28	92 58	555	C		7A		0		NETTIE R. ALTER	3
HELENA	3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	C	7A	7A	75	75		JAMES A. BURNETT	2 3 5 7
HENDERSON	3258	BAXTER	WHITE	36 22	92 14	498	C		6P		7		DAISY A. PORTER	3
HILLEMANN	3354	WOODRUFF	WHITE	35 08	91 05	231	C		6P		5		JOHN B. MAULDIN	3
HOPE	3428	HEMPSTEAD	RED	33 43	93 33	375	C	7A	7A	77	77		UNIV. OF ARKANSAS	2 3 5 6
HOPPER	3438	MONTGOMERY	OUACHITA	34 22	93 41	700	C		7A		0		MRS. LONA A. SHIELDS	3
HORATIO	3442	SEVIER	RED	33 56	94 22	337	C		6A		2		ELIZABETH W. FRIDAY	3
HOT SPRINGS NATL. PARK	3466	GARLAND	OUACHITA	34 31	93 03	630	C	7A	7A	55	55		NATIONAL PARK SERVICE	2 3 5
HUNTSVILLE	3540	MADISON	WHITE	36 05	93 44	1453	C		MID		8		MRS. MAY P. MARKELY	3 4
HUTTIG DAM	3556	UNION	OUACHITA	33 02	92 05	60	C		8A				CORPS OF ENGINEERS	3 4
ICELEDO	3570	NEWTON	WHITE	35 52	92 59	1365	C		5P		4		LOY E. HILL	3
INDEX	3584	LITTLE RIVER	RED	33 35	94 03	300	C		8A		23		W. E. MC DOWELL	3 7
JASPER	3600	NEWTON	WHITE	36 01	93 11	857	C		7A				MRS. LETTIE O. DAVIS	3
JONESBORO	3734	CRAIGHEAD	WHITE	35 50	90 42	345	C	7A	7A	52	52		BENEDICTINE SISTERS	2 3 5
KEO	3862	LONOKE	ARKANSAS	34 36	92 00	230	C	7P	7P				R. A. WALLER	2 3 5
KINGSLAND	3904	CLEVELAND	OUACHITA	33 50	92 16	214	C		MID		5		CLAUDIE W. HUNTER	3 4
LAKE CITY	3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230	C		4P		8		TRESSA ST. CLAIR	3
LAKE LEATHERWOOD	4006	CARROLL	WHITE	36 27	93 46	-	C		MID		3		CECIL E. MABERRY	3 4
LANGLEY	4060	PIKE	OUACHITA	34 19	93 50	-	C		7P		4		MRS. J. A. JONES	3
LEAD HILL	4106	BOONE	WHITE	36 24	92 54	650	C	7P	7P	42	42		F. W. KELLOGG	2 3 5
LEE CREEK	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000	C		7A		2		ORPHA W. COOKSEY	3
LEOLA	4134	GRANT	OUACHITA	34 10	92 35	261	C		7A		5		J. R. RHODES	3
LITTLE ROCK WB AIRPORT	4248	PULASKI	ARKANSAS	34 44	92 14	257	C	MID	MID	68	68		U. S. WEATHER BUREAU	2 3 4 5 7
LITTLE ROCK FILT. PLANT	4250	PULASKI	ARKANSAS	34 46	92 19	512	C		MID				L. R. WATER WORKS	3
LOCK AND DAM NO. 3	4256	INDEPENDENCE	WHITE	35 51	91 51	370	C		7A				ED ANSEL	3
LOST CORNERS	4324	POPE	WHITE	35 34	92 50	1550	C		7A				CATH. T. RUSSELL	3
LOUANN	4332	OUACHITA	OUACHITA	33 24	92 48	132	C		6P		4		CHARLES S. CURRAN	3
LURTON	4386	NEWTON	WHITE	35 46	93 05	2007	C		8A				I. C. SUTTON	3
LUTHERVILLE	4390	JOHNSON	ARKANSAS	35 29	93 15	775	C	6P	6P	51	51		MRS. H. G. LENHARDT	2 3 5
MADISON	4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215	C		7A		17		J. W. EPPES	3 7
MAGNOLIA	4548	COLUMBIA	RED	33 17	93 14	315	C	6P	6P	31	31		STATE AGRI. SCHOOL	2 3 4 5
MALVERN	4562	HOT SPRINGS	OUACHITA	34 22	92 49	311	C		8A	52	52		JODIE W. MC MULLEN	3
MAMMOTH SPRING	4572	FULTON	WHITE	36 29	91 32	600	C	8A	8A	43	43		CATHERINE S. COX	2 3 5
MARIANNA	4638	LEE	ST. FRANCIS	34 44	90 49	234	C	8A	8A	36	36		UNIV. OF ARKANSAS	2 3 4 5
MARKED TREE	4654	POINSETT	ST. FRANCIS	35 32	90 25	229	C	7A	7A	43	43		MR. WILLIAM M. CRICK	2 3 5 7
MARSHALL	4666	SEARCY	WHITE	35 55	92 43	1050	C	6P	6P	29	29		MRS. MINNIE HORTON	2 3 5
MARVELL	4678	PHILLIPS	WHITE	34 33	90 55	195	C		8A				J. O. LOWRIE	3
MAUMEE	4696	SEARCY	WHITE	36 03	92 39	749	C		MID		8		NADINE F. DAVENPORT	3 4
MELBOURNE	4746	IZARD	WHITE	36 04	91 54	610	C		7A		3		WALTER E. HALL	3
MENA	4756	POLK	OUACHITA	34 35	94 15	1207	C	7A	7A	59	59		E. W. ST. JOHN	2 3 4 5
MONTICELLO	4900	DREW	OUACHITA	33 35	91 50	250	C	MID	MID	7	7		AIRWAY OBSERVER	2 3 4 5
MONTROSE	4906	ASHLEY	OUACHITA	33 18	91 29	125	C		MID		5		JAMES L. ALSOBROOK	3 4
MOROBAY LOCK AND DAM	4934	CALHOUN	OUACHITA	33 19	92 27	85	C		6P		8		CORPS OF ENGINEERS	3 4
MORRILTON	4938	CONWAY	ARKANSAS	35 08	92 44	328	C	7A	7A	31	31		L. A. DICUS	2 3 5 7
MOUNT IDA 1	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	C	6P	6P	48	48		J. S. WHITTINGTON	2 3 5
MOUNT IDA 2	4990	MONTGOMERY	OUACHITA	34 33	93 37	-	C		MID		4		JOHN WALLBRITTON	3 4
MOUNTAIN HOME	5036	BAXTER	WHITE	36 20	92 30	800	C	7P	7P	35	35		H. N. HALBERT	2 3 4 5
MOUNTAIN VIEW	5046	STONE	WHITE	35 52	92 07	768	C		7A		8		W. O. WORTHINGTON	3
MOUNTAINBURG	5056	CRAWFORD	ARKANSAS	35 38	94 10	736	C		6P		10		C. A. LOVELL	3
MULBERRY	5072	FRANKLIN	ARKANSAS	35 34	94 01	500	C		7A		8		HENRY G. ARVIN	3
MURFREESBORO	5078	PIKE	OUACHITA	34 04	93 41	367	C		MID		8		ERNEST J. BABBITT	3 4
NASHVILLE	5112	HOWARD	RED	33 58	93 51	350	C	7P	7P	9	9		BRICE CARRUTH	2 3 5
NASHVILLE S C S	5114	HOWARD	RED	33 57	93 51	373	C		MID		4		SOIL CONSER. SERVICE	3 4
NEWHOPE	5174	PIKE	OUACHITA	34 14	93 50	850	C		7A		8		FLOYD WORD	3
NEWPORT	5186	JACKSON	WHITE	35 36	91 17	225	C	7A	7A	64	64		WILLIS T. MOYER	2 3 5 7
NIMROD DAM	5200	PERRY	ARKANSAS	34 57	93 10	470	C	8A	8A	6	6		CORPS OF ENGINEERS	2 3 4 5 6
NORFORK DAM	5228	BAXTER	WHITE	36 15	92 15	425	C	8A	8A	2	7		CORPS OF ENGINEERS	2 3 4 5 6
ODELL	5354	WASHINGTON	ARKANSAS	35 48	94 24	1500	C		7A				MRS. RENZO HURST	3
ODEN	5358	MONTGOMERY	OUACHITA	34 38	93 48	800	C		MID		20		U. S. FOREST SERVICE	3
OKAY	5376	HOWARD	RED	33 44	93 56	300	C	5P	5P	19	19		J. T. HARGIS	2 3 5
OSCEOLA	5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250	C		8A		47		C. E. CARTER	3
OWENSVILLE	5498	SALINE	OUACHITA	34 27	92 49	500	C		8A		4		GUY COOK	3
OZARK	5508	FRANKLIN	ARKANSAS	35 29	93 50	396	C	6A	6A	52	52		ORKNEY O. MILTON	2 3 5 7
PARAGOULD	5562	GREEN	ST. FRANCIS	36 04	90 29	275	C	4P	4P	24	24		KORS	2 3 5
PARKIN	5586	CROSS	ST. FRANCIS	35 16	90 35	222	C		7A		17		CARROLL KING	3 7
PERRYVILLE	5694	PERRY	ARKANSAS	35 00	92 49	325	C	6P	6P	8	8		PAULINE BENNETT	2 3 5
PINE BLUFF	5754	JEFFERSON	ARKANSAS	34 12	92 00	215	C	7A	7A	60	60		MARY T. SCHEU	2 3 5 7
PINE BLUFF CAA	5756	JEFFERSON	ARKANSAS	34 10	91 56	215	C	MID	MID				CAA	3 4
PINE RIDGE	5760	MONTGOMERY	OUACHITA	34 35	93 54	840	C		7A		23		J. R. HUDDLESTON	3
POCAHONTAS	5820	RANDOLPH	WHITE	36 16	90 59	330	C	5P	5P	54	54		BENEDICTINE SISTERS	2 3 5
PORTLAND	5866	ASHLEY	OUACHITA	33 14	91 30	122	C	7A	7A	41	41		MRS. PEARL NEWTON	2 3 5

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STATION	INDEX NO.	COUNTY	DRAINAGE	LAT. ° ′	LONG. ° ′	ELEV. (FT.)	TIME OF OBSERVATION			YEARS OF RECORD			OBSERVER	REFER TO TABLES
							ZONE	TEMP.	PRECIP.	TEMP.	PRECIP.	EVAP.		
PRESCOTT	59D8	NEVADA	OUACHITA	33 48	93 23	318	C	7A	7A	59	59		R. P. HAMBY	2 3 5
PRESCOTT S C S	591D	NEVADA	OUACHITA	33 48	93 23	-	C		MID		7		W. L. MC LEAN	3 4
PYATT	5970	MARION	WHITE	36 16	92 51	800	C		MID		6		ONA V. MC LEAN	3 4
RATCLIFF	6008	LOGAN	ARKANSAS	35 18	93 53	463	C		7A		3		LULA MAE WEEKS	3
RAVANA	6D16	MILLER	RED	33 04	94 02	250	C		MIO		8		ARNICE O. TAYLO	3 4
RED STAR	6078	MAOISON	WHITE	35 51	93 31	2250	C		7A		5		ORVAL F. CALLOWAY	CLOSED 10/4/48
REMMEL DAM	61D2	HOT SPRING	OUACHITA	34 26	92 54	-	C		MIO		8		ARK. P. & L. CO.	3 4
RISON	6174	CLEVELANO	OUACHITA	33 48	92 11	231	C		8A		32		J. H. YANEY	3
ROCKHOUSE	6214	MAOISON	WHITE	36 17	93 40	1214	C		7A		2		CLAUDE D. SISCO	3
ROGERS	6248	BENTON	WHITE	36 18	94 D2	1387	C	6P	6P	57	57		HOWARD FOWLER	2 3 5
RUSSELLVILLE	6352	POPE	ARKANSAS	35 18	93 08	360	C	5P	5P	35	35		U. S. FOREST SERVICE	2 3 5 6
SAINT CHARLES	6376	ARKANSAS	WHITE	34 23	91 08	200	C	8A	8A	14	14		U. S. BIOL. SURVEY	2 3 5
SAINT FRANCIS	638D	CLAY	ST. FRANCIS	36 27	90 08	3DD	C		7A		20		WILLIAM S. BUCKLEY	3 7
SAINT FRANCIS LAKE	6382	CLAY	ST. FRANCIS				C		7A				CHARLES W. WALTON	7
SEARCY	6506	WHITE	WHITE	35 15	91 44	245	C	7P	7P	37	37		ARTHUR D. SMITH	2 3 5
SHERIDAN	6566	GRANT	OUACHITA	34 27	92 21	29D	C	6P	6P	7	7		ARK. FORESTRY COM.	2 3 5
SHIRLEY	6586	VAN BUREN	WHITE	35 38	92 17	60D	C		6P		8		MAUO H. BRADFORD	3
SILOAM SPRINGS	6624	BENTON	WHITE	36 11	94 33	115D	C	6P	6P	7	7		JOHN BROWN UNIVERSITY	2 3 5
SMITHVILLE	6698	LAWRENCE	WHITE	36 D5	91 18	450	C		MIO		2		NORA F. RUDY	3 4
STAR CITY	682D	LINCOLN	OUACHITA	33 57	91 5D	250	C		2P		5		R. A. GOYEN	3
STEVE	6856	YELL	ARKANSAS	34 53	93 19	682	C		7A		4		T. P. SIMS	3
STORY	6890	MONTGOMERY	OUACHITA	34 42	93 31	650	C		7A		23		S. C. STORY	3
STUTTGART	6918	ARKANSAS	ARKANSAS	34 29	91 32	214	C	7A	7A	6D	60		GEORGE L. CLARK	2 3 5
STUTTGART 9 MI. ESE.	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	C	7A	7A	12	12		UNIV. OF ARKANSAS	2 3 4 5 6
SUBIACO	6928	LOGAN	ARKANSAS	35 18	93 39	500	C	7P	7P	49	49		NEW SUBIACO ABBEY	2 3 5
SUGAR GROVE	6940	LOGAN	ARKANSAS	35 D4	93 48	500	C		9A		8		O. R. FENNELL	3
SUGAR LOAF MOUNTAIN	6944	CLEBURNE	WHITE	35 29	91 58	3D0	C		7A		3		SANTFREO REYNOLDS	3
TAYLOR	7D38	COLUMBIA	RED	33 06	93 27	247	C		6P		5		YANCY M. NORWOOD	3
TEXARKANA WB AIRPORT	7048	MILLER	RED	33 27	94 00	368	C	MID	MID	63	63		U. S. WEATHER BUREAU	2 3 4 5
TINSMAN	7118	CALHOUN	OUACHITA	33 38	92 21	17D	C		7A		5		HENRY S. SPEER	3
TURNPIKE	7262	POPE	ARKANSAS	35 40	93 05	2D87	C	6P	6P	23	23		U. S. FOREST SERVICE	2 3 5
VAN BUREN	7370	CRAWFORD	ARKANSAS	35 26	94 21		C						BEN CORNELUS	7
VICK	742D	BRAOLEY	OUACHITA	33 19	92 09	115	C		6P		6		WILLARD K. SHARP	3
VIOLA	7450	FULTON	WHITE	36 24	91 59	692	C		7A		7		A. F. KING	3
WALDRON	7488	SCOTT	ARKANSAS	34 54	94 06	675	C	5P	5P	28	28		WILLIAM D. BIVENS	2 3 4 5
WALNUT GROVE	7524	INDEPENDENCE	WHITE	35 51	91 21	250	C		6P		7		A. H. FAST	3
WARREN	7582	BRAOLEY	OUACHITA	33 36	92 D4	206	C	6P	6P	53	53		C. N. TURNER	2 3 5
WEDINGTON LAKE	7638	WASHINGTON	ARKANSAS	36 06	94 23	115D	C		MID		3		HARRY E. BIRKINSHA	3 4
WEST FORK	7694	WASHINGTON	WHITE	35 55	94 11	1340	C		MID		8		MRS. N. C. THRELKELD	3 4
WHEELING	7744	FULTON	WHITE	36 19	91 52	680	C		MID		8		THOMAS W. CONE	3 4
WHITECLIFFS	7812	LITTLE RIVER	RED	33 48	94 03	290	C		7A				L. M. SNEAO	3 7
WHITE ROCK	7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	C	5P	5P	11	11		U. S. FOREST SERVICE	2 3 5
WILSON	7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	C	7A	7A	22	22		D. O. ANDERSON	2 3 5
WINFREY	7936	CRAWFORD	ARKANSAS	35 44	94 06	1152	C		MID		8		CLYDE F. MEADORS	3 4
WING	7950	YELL	ARKANSAS	34 57	93 28	35D	C		MIO		5		MILES B. TURNER	3 4
WYNNE	8052	CROSS	ST. FRANCIS	35 13	90 46	260	C	6P	6P	39	39		P. G. QUEENSBERRY	2 3 5
YELLVILLE	8D84	MARION	WHITE	36 13	92 41	9DD	C		7A		3		L. E. JOHNSON	3
NATHAN 4 MI. N.W.	5158	HOWARD	OUACHITA	34 D7	93 52	55D	C		7A		0		EDNA J. WESTFALL	3
PARTHENON	56D2	NEWTON	ARKANSAS	35 57	93 15	925	C		MID		8		ARTHUR B. CARLTON	3 4
BLUFF CITY	D800	NEVADA	OUACHITA	33 41	93 09	360	C		7A		-		R. P. PLYLER	3
JESSIEVILLE	3704	GARLAND	OUACHITA	33 42	93 04	730	C		7A		9		MRS. VELMA R. DUNN	3
SPARKMAN	6768	DALLAS	OUACHITA	33 55	92 48	26D	C		6P		5		MRS. RACHEL M.BUTLER	3
MOUNT MAGAZINE		LOGAN	ARKANSAS	35 10	93 41	2800	C	7P	7P	0	0		U.S. FOREST SERVICE	2 3 5
BUFFALO TOWER	1D10	NEWTON		35 52	93 30		C		7A				MISS BEULAH FRIENO	3
ROSEBUD	6278			35 2D	92 04	-	C		6P				MR.HARDEN L. LILES	3

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late for inclusion in this issue.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

When hourly precipitation is missing for several days, only the first and last days are shown in Table 4.

When hourly precipitation is accumulated over a period of 3 or more calendar days, with unknown hourly or daily distribution, the first and last days are shown in Table 4.

-	No record.
+	And also on later dates.
*	Amount included in following measurement, time distribution unknown.
//	Gage is equipped with a windshield.
6	Precipitation measured at 6-hourly intervals, no recording gage.
AR	This entry in time of observation column in Station Index means "after rain".
B	Adjusted to a full month.
E	Water-equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	One or more days of record missing; see Table 5 for detailed daily record.
R	Station equipped with recording gage only. All amounts in Table 3 are for the non-recording gages, except for stations with this reference.
T	Trace, an amount too small to measure.
Z	Hourly amounts from recording gage at the same site may be found in Table 4.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, river stages in feet, and wind movement in miles.

Data in Table 4 were formerly published in the Hydrologic Bulletin for Lower Mississippi - West Gulf. Amounts in this table are from recording gages. Traces are not shown.

Subscription Price: 15 cents per copy; $1.50 a year. (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, Room 9, U. S. Court House, Fort Worth 2, Texas.

W.B.O., Ft. Worth, Tex., -- 2 /8/49 -- 1275

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CLIMATOLOGICAL DATA

APR 9 - 1949

ARKANSAS

ANNUAL SUMMARY 1948

Volume LIII No. 13

FT. WORTH: 1949

ARKANSAS YEAR 1948

Walter C. Hickmon, Section Director - Little Rock

GENERAL SUMMARY

The year 1948 for the State as a whole showed a deficiency in temperature of one degree, and in precipitation 1.64 inches in excess of the average for the past 58 years. The dependence of agriculture upon the weather was clearly demonstrated during the 1948 crop season. During the Spring and Summer months rainfall was nearly normal, January and April being the only months with a negative departure; and at the close of August the accumulated excess was 3.16 inches. Temperatures during the Spring and Summer were below normal, April and June being the only months with a positive temperature departure. March set new low records, with Gravette and Lead Hill reporting 14° below zero, and snowfall averaged 1.4 inches, with 12 to 14 inches in northwestern counties. This cold weather during March retarded vegetation and held fruit and berry development in check, resulting in excellent crops. In April there was a marked reaction to warm dry weather, and several stations set high records. Farming made rapid progress during the month, planting being completed, and most crops were up to good stands by the close of the month. May, June, July and August were favorable for agriculture, with showers occurring at frequent intervals. Crops made excellent progress. Cotton, corn, soybeans, rice and hay crops were the best in years. September and October were dry, cool and favorable for maturing and harvesting. Killing frosts occurred over much of the State on October 18, but crops were generally matured and damage was slight. There was too much rain in November, delaying cotton picking. Rain continued in December and some of the bumper cotton crop was unpicked at the close of the year. Rice threshing was completed during December. The year as a whole was extremely favorable for agriculture.

TEMPERATURES

The mean temperature for the year was 60.4°, which is 1° below the 58-year average. January was the coldest month of the year, the January mean temperature being 33.5°, which is 7.6° below normal. The lowest temperatures occurred in March, with 14° below zero at Gravette and Lead Hill. These are the lowest March temperatures on record in Arkansas. July was the warmest month of the year, with a mean temperature temperature of 80.5°.. This is exactly normal. The highest temperatures occurred in August, 108° at Magnolia on August 13 being the highest reported in the state during 1948. El Dorado reported 105° on August 15. All maximum temperatures were well within the limits established by previous years.

PRECIPITATION

The total rainfall for 1948 was 50.09 inches, which is 1.64 inches above the 58-year average. February was the wettest month, with an average rainfall of 6.08 inches. September was the driest with 0.88 inch. The grestest annual total was 70.56 inches at Stuttgart; the least, 31.46 inches at Fort Smith. The greatest monthly total for any individual station was 15.16 inches at West Fork in August. Compton had no rain during September, and numerous stations had only a trace. Precipitation throughout the year was ample for diversified agriculture.

STORMS

A glaze storm starting January 26 in the two southern tiers of counties, disrupted communication lines, power lines, transportation, and damaged forests and roads, the total damage being estimated at near $20,000,000.

A small tornado occurred March 25 in Crawford and Washington Counties, doing property damage estimated at $14,000. At about the same time tornadoes occurred at Booneville and Caulksville in Logan County, with $5,000 damage reported. Thunderstorm and high wind damage on March 30 was about $5,000. A severe local thunderstorm in April did property damage estimated at $36,000. A severe thunderstorm and heavy hail at Union, Ouachita, Calhoun and Bradley Counties on April 8 did extensive damage estimated at $1,100,000. Heavy hail in Washington County on May 15 did damage estimated at $50,000. There was one death due to lightning in Conway County on May 5. Hail damage in Pike County on June 6 was $33,000. Lightning set fire to storage facilities of an oil refinery in El Dorado on June 6, and damage estimated at $10,000 resulted. During a violent thunderstorm at Little Rock on June 16 wind damage of $20,000 occurred, and elsewhere over the state additional $25,000 damage occurred on this date. At Stuttgart on August 26 a wind storm did $5,000 property damage. Property damage at Pine Bluff and Forrest City during August amounted to $35,000, and thunderstorm and wind damage in November was approximately $140,000.

FLOODS

There were minor floods on the Petit Jean, Ouachita and Lower White Rivers in February, but loss was small. Minor floods in March occurred on all rivers, being most serious on the Ouachita, where several thousand acres were inundated in the Camden area. Minor floods and slight damage occurred in April. The most destructive flood of the year, but which did not reach major proportions, occurred in June on the Arkansas, White, Black and Ouachita. Considerable crop damage resulted, but the water receded in time for replanting. For the year as a whole, the flood loss was not large, and floods were not of major proportions. (WCH)

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nation-wide net of rain gages, mostly of the recording type, which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers These transfers averaged about $250,000 per year between 1940 and 1944, and nearly $375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about $100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about $25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

Table l

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp.	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp.	Departure	Temp.	Departure	Temp	Departure	Temp	Departure	Temp.	Departure	Temp	Departure	Temp.	Departure
ALUM FORK	34.5	- 6.1	42.7M	- 2.1	51.2	- 1.9	66.4	4.8	69.2	1.1	77.9M	1.6	80.4	0.2	77.9	- 1.9	73.5	- 0.3	61.9	- 2.2	52.3M	0.8	45.0	1.2	61.1	- 0.4
ARKAOELPHIA	34.0	- 9.8	42.8	- 3.1	52.5	- 3.3	67.1	4.7	70.4	- 0.4	79.7	1.6	83.1	1.9	79.5	- 1.5	74.3	- 1.9	60.6	- 3.8	50.6M	- 2.6	45.7	1.2	61.7	- 1.4
ASHOOWN	34.5		41.2M		51.1		66.6		70.1		78.8		81.3		79.7		73.3M		61.6		50.4		46.5M		61.3	
BATESOILLE AIRWAY	32.4	- 6.1	41.0	- 0.2	48.9	- 1.5	64.6	5.3	66.9	- 0.7	75.9	- 0.4	79.5	- 0.7	77.7	- 1.6	72.1	- 0.8	58.8	- 2.4	50.6	1.5	43.2	2.5	59.3	- 0.4
BATESVILLE LIVESTC	31.6		39.4		49.4		65.4M		65.9		74.8		78.1M		76.2M		71.7		57.6		49.2		41.7		58.4	
BEE BRANCH	33.0	- 7.5	41.0	- 1.7	49.9	- 1.4	65.1	4.4	67.7	- 0.6	75.6	- 1.1	79.2	- 2.0	77.6	- 2.4	73.1	- 1.2	60.4	- 2.2	50.6	- 0.1	43.0	1.0	59.7	- 1.2
BENTON	30.4	- 9.2	39.2	- 3.9	50.0	- 2.6	64.8	4.3	68.0	- 0.2	76.8	0.4	80.8	0.1	78.5	- 1.4	72.3	- 2.3	58.0M	- 4.6	49.7	- 0.6	43.6	1.6	59.4	- 1.5
BENTONVILLE	28.0	- 8.6	35.9	- 3.9	42.3	- 5.7	62.3	4.6	64.3	- 1.2	73.5	- 0.6	77.0	- 1.4	75.2	- 2.7	70.1	- 1.0	57.1	- 2.4	46.1	- 1.9	40.2	1.4	56.0	- 2.0
BETHESOA	30.9		38.2		48.5		64.0		65.9		74.6		76.8		74.5		69.6		56.1		48.4		42.0		57.5	
BLYTHEVILLE	29.1M	-10.8	42.5M	- 0.9	51.0	- 0.2	65.5	4.5	70.2	0.0	78.8	0.8	81.7	0.2	79.3	- 0.9	72.1	- 2.1	59.1	- 4.3	51.5	1.3	44.0	2.1	60.4	- 0.9
BOONEVILLE	35.8	- 5.4	43.7	- 1.8	51.6	- 1.7	66.9	4.7	69.2	- 0.7	79.1	1.2	81.1	- 1.7	79.2	- 3.2	70.7	- 4.8								
BRINKLEY	34.4	- 7.6	42.4	- 1.8	53.7	0.4	67.6	5.6	69.9	- 0.1	78.4	0.5	81.5	0.5	78.8	- 1.6	72.9	- 1.9	60.9M	- 1.7	54.4M	2.5				
CAMOEN 1	31.5M	-13.0	43.9M	- 3.4	54.4	- 0.9	68.5	5.1	71.7	0.7	80.8	2.3	83.6	2.1	80.9	0.1	74.4M	- 1.2			52.1	- 1.3	47.5	2.2		
CAMP CHAFFEE	33.2M		40.8M		48.9		65.2M		68.7M		78.4M		81.4M		79.1M		74.4M		60.5M		51.3		42.8M		60.4	
CONWAY	35.6	- 6.4	42.6	- 2.1	52.0	- 1.6	66.9	4.7	69.5	- 0.5	77.7	- 0.7	80.4	- 1.8	78.3	- 3.5	72.2	- 2.6	60.1	- 3.7	52.2	0.4	45.4	2.4	61.1	- 1.3
CORNING	30.2	- 7.8	38.0	- 2.2	48.7	- 2.1	64.6	4.6	67.5	- 0.9	76.4	0.0	80.4	0.3	78.7	0.1	72.0	- 0.7	57.1	- 3.4	50.3	1.7	41.9	2.0	58.8	- 0.7
CROSSETT	37.6	- 7.3	47.4	- 0.2	57.9	1.9	68.5	5.3	72.0	0.6	79.9	1.2	83.4	1.8	79.7	- 1.9	74.3	- 1.3	62.9	- 2.6	54.7	0.9	49.5	2.9	64.0	0.1
CUMMINS FARM	34.9		42.8		54.4		66.8		69.9		79.1		81.3		77.6		72.0		60.1		51.7		46.2		61.4	
OAROANELLE	36.2	- 5.0	41.9	- 3.0	51.3	- 2.0	67.4	4.8	70.2	- 0.1	78.6	0.1	80.5	- 1.8	78.4	- 2.7	73.1	- 2.3	58.8	- 5.0	49.4	- 2.3	42.3	- 0.5	60.7	- 1.6
OE OUEEN	36.6	- 6.6	44.3M	- 3.6	53.3	- 2.4	67.6	4.3	70.0	- 0.4	78.0	0.0	81.2	0.1	79.9	- 1.9	74.0	- 1.6	61.4	- 2.7	51.6	- 1.0	43.9	- 1.3	61.8	- 1.4
DES ARC	33.4		39.8		50.1		67.1		68.6		78.1		81.4		78.0		72.4		58.4		51.0		44.3		60.2	
DEVILS KNOB	29.4		36.8		46.5		65.8M		66.7		74.7		75.4		75.4		70.8		59.7		50.8M		40.4M		57.7	
OUMAS 1	36.2	- 8.3	44.8	- 3.1	55.9	0.3	68.5	5.5	70.9	- 0.5	79.7	0.5	82.1	- 0.3	79.4	- 2.6	74.0	- 2.1	63.1M	- 2.1	53.3	- 0.2	48.5	2.2	63.1	- 0.8
EL OORADO	37.6	- 8.6	46.3	- 3.0	55.0M	0.5	69.6	5.1	72.8	1.2	82.4	2.5	84.9	2.3	82.5	0.2	76.4	- 0.8			54.2M	- 0.9	48.9	1.9		
EUREKA SPRINGS	31.0	- 7.3	39.6	- 1.5	45.8	- 4.2	65.7	6.6	65.8	- 0.9	75.3	0.7	77.6	- 1.4	75.9	- 2.9	71.5	- 0.8	59.2	- 2.0	50.0	0.1	42.1	2.0	58.3	- 1.0
FAYETTEVILLE	31.4		40.2		46.4		65.9		66.1		75.5		78.1		76.2		70.6		57.7		49.4		43.1		58.4	
FAYETTEVILLE EX S	31.4	- 6.6	39.9	- 0.5	45.9	- 3.8	64.4	5.5	65.5	- 1.0	75.0	0.4	77.6	- 1.2	75.4	- 3.2	70.0	- 2.1	58.0	- 3.0	49.7	0.4	42.7	2.6	58.0	- 1.0
FOROYCE	37.2	- 7.5	46.4	- 1.8	56.7	2.1	68.2	4.6	72.4	1.1	81.3M	2.3	84.3M	2.3	80.9	- 0.2	75.6	- 0.7	65.1	- 0.7	55.1	1.7	50.2M	4.3	64.4	0.6
FORT SMITH WB AIRPORT	33.4	- 6.1	42.4	- 0.4	49.2	- 3.4	66.8	5.0	69.0	- 0.6	78.9	1.4	81.5	0.0	79.3	- 1.2	74.0	0.0	60.9	- 1.9	50.4	- 0.6	43.8	2.0	60.8	- 0.5
GILBERT	29.4		37.8		45.9		62.4		66.0		75.0		77.7		75.7		69.7		55.0		47.0		38.6		56.7	
[illegible]	33.5	- 8.0	42.0	- 3.1	50.0	- 1.7	65.8	5.4	67.9	0.2	77.5	1.8	78.9	- 0.6	77.2	- 2.5	71.3	- 2.7	60.7	- 2.8	48.7	- 2.2	43.8	- 0.7	59.8	- 1.4
[illegible]	30.8	- 5.8	39.0	0.0	45.9	- 2.8	64.8	7.5	65.3	- 0.3	74.8	0.7	77.8	- 0.6	76.1	- 2.0	70.8	- 0.4	58.1	- 2.0	48.8	0.3	42.1	3.6	57.9	- 0.1
[illegible] UNTAIN	29.2		37.6M		45.1		68.6		69.4		78.8M		75.9		73.0						46.7M		36.1M			
[illegible]	30.6	- 6.2	37.4	- 2.1	44.9	- 3.9	61.5	3.7	64.1	- 2.1	73.8	- 0.3	76.9	- 1.2	74.3	- 3.5	68.7	- 2.0	56.9	- 2.8	49.2	0.8	41.0M	2.4	56.6	- 1.4
[illegible] AIRWAY													76.6		73.9		68.2		56.2		47.5		40.2			
HELENA	34.2	- 8.9	42.6	- 2.3	52.5	- 1.3	66.4	3.8	70.8	0.1	79.8	1.5	82.8	1.4	79.0	- 1.7	73.2	- 2.1	60.9	- 3.0	52.2	- 0.5	46.1M	1.9	61.7	- 0.9
HOPE	34.4	-10.2	43.2	- 4.1	52.1	- 3.5	67.2	3.4	70.3	- 0.7	79.4	0.7	82.7	1.0	81.1	- 0.8	75.0	- 1.0	60.6M	- 2.6	51.3	- 1.9	47.2	0.4	62.2	- 1.6
HOT SPRINGS	36.6	- 6.8	44.0	- 2.8	54.4	0.2	69.2	6.1	71.2	0.9	80.2	1.8	82.5	0.2	80.5	- 1.2	75.7	- 0.1	63.1	- 1.8	53.4	- 0.4	47.2	2.8	63.2	- 0.1
JONESBORO	31.7	- 8.5	39.8	- 3.0	49.3	- 2.8	64.2	2.9	67.8	- 1.9	77.1	- 0.9	80.3	- 1.0	78.3	- 2.0	71.8	- 2.6	58.7M	- 4.2	50.2	- 1.7	42.3	1.0	59.3	- 2.0
KEO	35.6		42.6		53.4		67.5		69.8		78.8		81.3		78.7		72.7		60.8		53.1		46.6		61.7	
LEAO HILL	30.1	- 6.8	38.5	- 0.1	45.9	- 2.5	62.3	3.5	64.7	- 2.2	74.8	- 0.6	78.3	- 1.8	76.1	- 3.0	69.9	- 2.0	56.2	- 4.2	47.5M	0.0	40.3	0.9	57.1	- 1.5
LITTLE ROCK WB AP	34.9	- 6.5	42.2	- 2.7	51.9	- 1.1	67.5	5.4	69.9	- 0.4	79.8	2.4	82.1	1.2	79.2	- 0.6	73.8	- 0.3	61.1	- 2.5	52.5	0.4	45.9	1.7	61.8	- 0.2
LUTHERVILLE	32.6	- 7.4	41.0	- 1.5	49.0	- 2.4	64.4	4.2	67.6	- 0.3	76.4	0.4	78.5	- 1.8	76.9	- 3.1	72.6	- 1.4	62.7M	- 0.2	51.4	0.6	45.3	3.7	59.9	- 0.7
MAGNOLIA	38.5	- 8.3	45.9M	- 4.8	58.9M	2.4	70.0	5.1	72.2	0.3	80.9	1.3	84.7	2.2	82.6	0.0	77.4	- 0.2	65.7	- 1.6	55.8	0.8	51.3	2.4	65.4	0.0
MALVERN			43.3		53.9		67.8		71.6		80.7M		83.1		80.3		76.1		62.5		51.9M		46.2			
MAMMOTH SPRING	29.6	- 7.9	35.7	- 4.6	44.8	- 5.0	62.3	3.1	63.6	- 3.0	73.6	- 1.3	77.8	- 1.2	77.9M	- 0.2	69.3	- 2.4	54.3	- 5.6	45.8	- 2.5	41.3M	2.0	56.3	- 2.4
MARIANNA	32.8	- 9.6	40.8	- 4.7	51.8	- 1.8	66.3M	3.8	69.5	- 1.1	78.1	- 0.5	80.7	- 0.5	77.7	- 2.8	71.5	- 2.6	59.8	- 3.6			46.1	2.2		
MARKED TREE	31.5	- 7.2	38.6	- 4.0	49.7	- 0.7	65.1	4.4	69.1	- 0.1	77.3	- 0.7	81.0	0.0	78.4	- 1.2	72.3	- 1.1	59.0	- 2.6	50.7	1.8	43.6	2.9	59.7	- 0.7
MARSHALL	31.8	- 7.9	40.4	- 2.6	48.1	- 2.2	64.9	4.9	65.0	- 2.0			77.3	- 1.8	75.4	- 3.0	69.8M	- 2.0	58.8	- 2.6	50.4	- 0.1	42.2	1.0		
MENA	34.9	- 6.6	43.5	- 0.8	51.7	- 0.9	66.9	5.3	69.3	0.5	78.4	1.7	80.7	0.4	78.3	- 1.9	72.7	- 1.6	62.0	- 1.3	52.3	0.4	44.9	2.1	61.3	- 0.2
MONTICELLO	35.6		45.0		55.3		68.2		71.2		80.9		83.4		79.7		74.3		63.9		53.8					
MORRILTON	33.0	- 7.7	40.4	- 4.3	49.8	- 1.5	66.2	4.5	69.5	0.0	79.2	0.7	81.7	- 0.9	79.2	- 2.5	73.6	- 1.4	60.4	- 3.2	50.6	- 0.1	43.3	- 0.3	60.6	- 1.4
MOUNT IDA 1	34.0	- 7.0	42.4	- 2.5	49.6M	- 2.5	64.2M	3.2	66.5	- 1.5	76.5	0.5	80.3	0.4	76.4M	- 3.2	69.5M	- 3.6	57.9	- 4.1	50.7	0.6	45.2M	2.2	59.5	- 1.4
MOUNT MAGAZINE																	69.1M		58.4		47.3		40.4			
MOUNTAIN HOME	30.9	- 7.0	39.4	- 2.2	46.7	- 3.1	63.9	4.7	65.5	- 1.4	74.4	- 0.5	77.3	- 2.1	75.6	- 3.1	70.6	- 1.2	57.2	- 3.5	48.9	0.3	41.1	1.2	57.6	- 1.5
NASHVILLE	36.3		44.8		53.6		67.2		70.0		79.5		82.4M		79.9M		74.6		61.7		51.2M		46.3M		62.3	
NEWPORT	34.0	- 5.8	41.8	- 0.8	51.0	- 1.5	66.0	4.3	69.2	- 0.7	78.2	0.1	81.9	0.4	79.6	- 0.9	73.0	- 1.3	59.3	- 3.1	51.3	0.4	44.4	2.2	60.8	- 0.6
NIMROD DAM	33.2		40.0		49.6		65.4		68.9		78.6		80.0		78.5		72.8		59.0		49.7		42.8		60.0	
NORFORK OAM	30.0		38.4		46.6		63.1		66.2		75.2		78.8		76.1		70.9		57.6		48.6		40.3		57.6	
OOEN	32.8M				48.2M		65.4		67.9M		77.6				79.0M		73.5M		61.7M		48.6M		45.4M			
OKAY	38.4	- 6.6	46.4M	- 2.6			69.2	4.7	71.1	- 0.1	80.0	0.7	83.5	0.6	81.1M	- 1.7	75.5	- 1.2	63.0	- 3.0	54.0	0.7	48.3M	1.7		
OZARK	32.6	- 7.6	40.6	- 3.0	48.4	- 4.2	65.1	3.3	68.1	- 1.4	77.6	- 0.3	80.5	- 1.7	78.4	- 3.7	73.9	- 1.7	59.5	- 4.1	48.4	- 2.7	42.1	0.3	59.6	- 2.2
PARAGOULO	32.1		38.8M				64.9		68.0		77.1M		80.0		78.0M		70.9		58.1M		50.6		43.7			
PERRYVILLE	33.8	- 6.0	40.4	- 2.4	49.7	- 1.9	65.4	5.3	68.6	1.1	77.3	1.8			78.1M	- 1.5	71.4	- 1.6	59.9	- 1.2	50.0	- 0.1	44.5	2.7		
PINE BLUFF	34.6	9.3	42.2	- 4.4	53.3	- 1.7	69.2	5.7	71.7	0.3	81.6	2.3	83.8	1.3	80.5	- 1.6	75.8	- 0.7	64.1	- 0.8	54.6	1.3	48.4	3.3	63.3	- 0.4
PINE BLUFF CAA																			60.9		52.9		46.9			
POCAHONTAS 1	31.6M	- 7.1	40.6	- 0.2	50.4	- 0.6	65.2	5.0	68.3	- 0.2	76.6	- 0.2	80.9	0.3	79.0	- 1.0	73.4	- 0.1	59.1	- 2.7	50.2	0.2	42.7	2.4	59.9	- 0.3
PORTLANO	38.4	- 8.1	47.4M	- 2.0	55.9	- 1.0	67.4	2.8	71.5	- 0.2	81.1	1.4	83.4	1.6	79.7	- 1.7	74.4	- 1.7	61.6	- 3.4	56.3	2.1	50.6M	3.4	64.0	- 0.5
PRESCOTT	36.4	- 8.1	45.4	- 2.5	52.3	- 3.6	67.8	4.0	70.9	- 0.6	80.0	0.8	82.5	0.1	79.9	- 2.2	74.2	- 2.4	61.3	- 4.2	51.0	- 2.9	45.7	0.3	62.3	- 1.8
ROGERS	29.8	- 7.3	38.8	- 0.9	45.8	- 3.2	64.7	6.0	65.3	- 0.7	74.4	0.5	76.9	- 1.1	75.0	- 2.8	69.7	- 1.5	58.3	- 1.8	49.0	0.3	42.3	3.1	57.5	- 0.8
RUSSELLVILLE	36.0	- 3.8	43.2	1.5	51.8	- 0.6	67.5M	6.4	69.8	- 0.2	78.6	0.7	80.9	- 0.6	78.7	- 1.7			61.1	- 0.8	52.1	2.0	44.7	2.9		
SAINT CHARLES	33.0M		41.5M		53.4		67.7		70.9		77.9		81.2		78.3		72.2		60.6		52.1		46.4		61.3	
SEARCY	35.2	- 5.4	42.4	- 2.5	52.2	0.0	66.7	5.5	69.8	0.8	78.5	0.9	82.0	0.6	79.6	- 1.1	74.5	0.0	61.4	- 1.6	52.0	1.1	44.5	1.7	61.6	0.0
SHERIDAN	35.4		43.2		53.3		67.2		68.8		77.8		80.1M								52.2M		43.5M			
SILOAM SPRINGS	32.0		39.4M		48.6M		65.1		65.7		75.0		77.7M		75.9		70.1		58.4		49.2		43.5		58.4	
STUTTGART	35.7	- 7.1	42.6	- 2.5	52.2	- 1.7	67.2	4.9	69.1	- 1.0	78.7	0.6	81.2	- 0.1	78.6	- 2.3	72.8	- 2.4	59.8	- 4.2	50.6	- 1.8	46.2	2.2	61.3	- 1.2
STUTTGART 9ESE	33.4	- 8.0	40.9	- 3.9	52.0M	- 0.7	66.6	5.2	69.8M	0.3	78.6M	0.9	81.5	- 0.1	78.5	- 2.5	72.8	- 2.0	59.8	- 3.9	51.5M	0.6	46.4	3.2	61.0	- 0.9
SUBIACO	34.2	- 7.2	42.2	- 1.7	50.5	- 2.6	66.4	4.5	67.9	- 2.1	77.3	- 0.8					74.2M	- 0.9			51.4	- 0.6	44.2	.2		
TEXARKANA WB AIRPORT	37.3	- 9.0	46.4	- 2.0	54.5	- 1.7	68.6	4.4	72.0	0.6	80.6	1.5	83.4	0.9	81.7	- 0.6	75.9	- 0.9	64.3	- 1.5	53.7	- 1.5	49.7	2.8	64.0	- 0.6
TURNPIKE	30.0		38.2		45.2		62.9		63.2		71.9M				69.9		68.1		58.2		48.6		39.9			
WALORON	34.8		42.8		50.6		65.9		68.8		78.1		80.4		77.9		72.4		59.8		51.4		44.2		60.6	
WARREN			46.0	- 1.7	57.5	1.5	69.1	5.3	72.4	0.8	81.6	2.2	83.5	1.1	80.7	- 1.2	75.9	- 0.3	63.2	- 1.7	56.3	2.4	49.1	3.5		
WHITE ROCK	30.2		38.4		45.7		63.3		65.3		74.0		75.5		73.9		70.7		59.8		48.7M		41.5		57.3	
WILSON	34.7M	- 5.7					66.6M	5.6	70.2	0.3	78.6M	1.2	81.1M	0.3	78.8	- 0.6	74.2M	0.7								
WYNNE	34.2	- 6.8	41.2M	- 3.3	53.0	1.2	66.7	7.0	70.0	0.5	78.1	0.4	81.1	0.1	78.5	- 1.6	72.9	- 1.5	60.5	- 2.3	52.7M	1.5	45.9M	3.6	61.2	- 0.1

See reference notes following Station Index.

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ARKANSAS
1948

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
ABBOTT	5.34		4.69		3.33		4.15		5.20		2.21		5.02		4.90		0.90		2.29		1.80		2.53		42.36	
ALICIA											7.39				3.10											
ALPINE	2.04												5.57		5.83		2.83		2.43		6.09		3.23			
ALUM FORK	2.42	-1.16	6.96	1.85	7.74	2.05	4.97	-2.43	4.26	-1.38	4.64	-0.05	5.20	2.00	4.38	0.10	0.45	-1.89	3.24	0.48	6.97	1.70	5.83	2.01	57.06	3.28
ALY	0.98		5.29		5.02		3.98		4.74		3.60		8.35		4.10		0.84		3.24		3.85					
ANTOINE																					6.19					
APLIN	3.00		5.77		4.78		5.86		4.80		3.31		4.28		5.84		0.49		3.26		4.72		6.16		52.27	
APPLETON	0.64		6.92		3.02		4.12		4.86		5.47		3.79		2.96		0.26		1.46		5.18		5.39		44.07	
ARKADELPHIA	4.13	-0.50	6.56	2.74	7.44	2.56	2.59	-2.64	5.93	0.73	1.06	-3.43	3.42	-0.29	4.26	0.61	0.53	-2.24	2.28	-0.81	8.12	4.27	4.11	-0.93	50.43	0.07
ARKANSAS CITY	4.68	-0.15	10.16	5.76	7.29	1.70	3.32	-1.49	3.80	-0.72	2.59	-1.11	5.64	2.03	2.96	-0.56	1.16	-1.65	0.42	-2.05	9.54	5.51	2.67	-2.61	54.23	4.66
ASHDOWN	5.51		4.52		5.84		3.94		6.73		2.36		2.77		2.24		0.84		4.17		3.90		2.44		45.26	
ATHENS													4.93		5.32		1.43		2.99		3.50		3.78			
AUGUSTA	3.64		6.98		7.09		2.19		4.33		9.63		2.88		4.26		1.65		1.82		7.38		4.98		56.83	
BATESVILLE AIRWAY	1.51		5.58		4.93		3.36		3.66		11.36		2.73		2.77		1.45		2.55		6.13		5.36		51.39	
BATESVILLE LVSTK	4.24		4.48		6.19		2.28		4.82		10.09		2.34		2.21		0.98		2.18		3.35		5.98		49.14	
BATESVILLE L D 1	4.62	0.26	5.40	1.94	4.71	0.75	2.89	-1.99	4.47	-0.46	10.81	6.83	2.61	-0.87	2.69	-1.42	1.62	-1.92	2.48	-0.74	6.03	2.58	5.48	1.52	53.81	6.48
BEAR CREEK LAKE											4.34				3.74											
BEATY LAKE	6.18		8.58		9.33		4.81		3.37		9.47		5.65		1.75		1.21		2.96		5.25		3.77		62.33	
BEAVER	2.70		3.44		6.40		1.08		5.58		4.51		7.24		4.29		0.12		0.90		2.02		3.75		42.03	
BEE BRANCH	1.29	-2.99	7.35	4.19	5.01	0.37	3.82	-1.15	5.13	-0.07	5.50	1.43	1.20	-2.07	2.40	-1.27	0.26	-2.93	2.32	-1.05	6.06	2.53	6.33	2.20	46.67	0.81
BEEBE																							4.61			
BEECH GROVE			5.15		5.71		3.08		2.95		9.05		3.00		1.63		2.43		0.40		9.01		5.43			
BEEDEVILLE			6.42		6.06		3.26		2.93		9.41		3.80		1.52		1.60		1.63		8.88		3.42			
BENTON	2.96		8.33		6.70		3.71		5.32		3.10		2.94		2.88		0.69		4.68		8.84		2.62		52.77	
BENTONVILLE	3.18	0.51	4.04	1.77	6.01	2.58	1.18	-3.56	6.45	1.36	8.82	3.62	6.86	3.57	7.33	3.29	0.02	-4.20	1.85	-2.14	3.03	-0.25	3.30	0.84	52.07	7.39
BERRYVILLE											2.55		5.57				0.06		1.48		2.49		3.81			
BETHESDA	3.39		3.98		4.62		2.55		4.50		8.30		2.62		2.91		1.05		2.09		4.93		5.94		46.88	
BIG FLAT	5.04		4.41		3.35		2.73		3.66		9.16		3.40		3.36		0.65		2.38		5.91		4.52		48.57	
BIG FORK					2.52		2.75		6.24		2.00		2.20		3.70		4.30		4.90		2.70		6.00			
BIG LAKE OUTLET	3.81	-1.26	5.13	2.48	9.12	4.90	2.55	-1.27	2.16	-1.19	5.09	2.41	4.12	0.95	1.01	-1.60	4.68	1.64	3.02	0.45	5.34	2.09	6.00	1.30	52.03	10.90
BLACK ROCK	2.15	-2.30	4.28	1.06	4.07	-0.29	2.41	-2.72	2.97	-1.89	7.67	4.15	1.99	-1.53	2.67	-1.44	1.47	-2.09	1.06	-2.20	6.36	2.36	6.45	2.59	43.55	4.30
BLUE MOUNTAIN DAM	0.93		6.73		3.04		5.02		5.07		3.76		5.65		4.76		0.28		2.06		2.57		3.10		42.97	
BLUFF CITY															3.64		0.14		1.96		9.81		2.39			
BLYTHEVILLE			5.79	2.53	7.73	3.12	3.00	-1.47	1.89	-1.70	4.96	1.29	4.54	1.35	1.10	-2.81	4.17	1.05	1.44	-1.64	7.68	4.32	5.94	1.63		
BOONEVILLE	1.99	-1.74	5.33	2.65	2.64	-0.88	4.34	-0.45	5.89	0.51	1.81	-2.60	4.57	1.48	3.61	-0.02	1.00	-2.32								
BOONEVILLE 2S	4.66		5.60		3.65		6.12		6.52		1.82		5.69		3.74		0.35		1.73		2.92		3.00		45.80	
BOTKINBURG											4.70		3.37		2.16		0.71		3.54		3.97		5.68			
BOUGHTON	4.21		6.60		5.96		2.64		5.79		1.04		3.08		5.03		0.54		4.33		7.80		1.85		48.87	
BRADFORD	2.75		5.55		8.70		2.20		3.82		12.43		1.99		1.38		0.55		1.96		8.24		5.17		54.74	
BRINKLEY	3.79	-1.41	9.39	5.19	8.24	2.95	3.93	-1.53	5.09	-0.30	4.74	1.01	3.88	-0.40	4.91	1.59	2.06	-1.92	3.61	0.09						
BUFFALO TOWER																					3.88		6.85			
BULL SHOALS DAM																	0.46		1.27		3.42		3.26			
BURDETTE	5.11		6.23		8.20		3.60		1.53		6.85		3.36		0.93		4.15		2.77		4.17		6.62		53.52	
CABOT			7.06		6.26		4.04		4.91		2.32		4.07		6.16		0.31		2.04		8.31		4.97			
CALICO ROCK	4.41	0.96	4.95	2.28	2.91	-0.69	2.65	-1.98	4.19	-0.59	9.28	5.47	2.00	-1.48	4.07	-0.28					4.60	1.50	5.24	1.89		
CAMDEN 1			4.45	0.47	8.04	2.98	4.73	-0.06	6.10	1.79	0.82	-3.30	3.98	-0.08	2.51	-0.31					9.84	5.83	3.15	-1.85		
CAMDEN 2	3.39										0.58		3.77		2.75		0.42		3.27		8.37		2.37			
CAMP CHAFFEE	3.22		4.69		2.66		2.89		5.66		2.79				2.96				1.35		1.02		3.38			
CANAAN															3.62						4.01		5.87			
CARLISLE	3.38		9.02		6.91		2.74		7.18		3.32		4.50						1.16		7.83		2.53			
CARPENTER DAM	0.77		5.27		4.89		2.74		4.53		1.43		2.92		1.98		0.45		4.05		4.26		2.52		35.81	
CLARENDON	3.82	-0.85	11.15	7.13	8.66	3.66	3.46	-2.03	6.05	1.60	5.94	2.38	3.90	0.51	6.88	3.44	1.40	-1.87	2.36	-0.68	6.67	2.70	2.69	-2.44	62.98	13.55
CLARKSVILLE													1.78		5.96				4.40		0.30					
CLINTON	3.36		7.85		4.58		3.82		3.64		5.08		5.19		5.51		0.57		3.42		5.23		5.61		53.86	
COLD SPRINGS	5.19		5.81		3.47		6.67		5.36		4.21		6.05		4.18		0.21		4.59		3.08		4.35		53.17	
COMBS	0.80		4.84		4.72		1.67		5.45		7.79		4.78		10.80		0.35		2.45		3.21		4.82		51.68	
COMPTON															6.06		0.00		2.49				4.11			
CONWAY	0.99	-3.42	8.51	4.72	5.72	1.12	4.03	-0.96	5.77	0.60	4.93	0.95	1.57	-1.93	7.18	3.88	0.63	-2.72	2.31	-0.69	6.89	2.87	6.23	1.92	54.76	6.34
CORNING	4.29	0.01	4.34	0.91	5.98	1.35	3.21	-1.78	3.77	-0.67	6.24	2.27	3.35	-0.23	1.43	-2.16	1.79	-1.69	1.38	-2.11	6.60	3.11	6.36	2.67	48.74	1.68
COTTER	4.12	1.05	5.27	2.26	3.49	0.45	2.46	-1.70	4.87	-0.11	6.64	2.29	5.85	3.05	4.87	1.39	0.34	-2.75	1.53	-2.23	4.81	1.80	5.52	2.16	49.77	7.66
COVE					4.07		4.23		7.74		1.48		8.70		3.59		0.94				1.57					
CROSSETT	4.74	-0.84	8.47	4.72	4.76	-0.39	4.22	-0.41	2.41	-1.73	1.40	-2.67	3.53	-1.09	7.98	4.77	0.54	-1.85	1.06	-2.51	8.67	4.46	2.97	-2.52	50.75	-0.06
CRYSTAL VALLEY	2.88		8.57		8.81		2.20		8.30		4.33		3.13		2.31		.T		1.28		9.59		3.50		54.90	
CULPEPPER	2.10		8.36		4.83		3.55		6.57																	
CUMMINS FARM	3.58		8.08		6.83		3.30		5.49		1.85		8.71		3.67		0.47		1.38		8.80		3.77		55.93	
DAISY													5.25		6.92		1.05		3.89		4.40		3.09			
DANVILLE	4.42	0.50	7.03	4.03	3.51	-0.51	4.56	-0.53	6.50	1.50	2.54	-1.71	5.15	1.99	4.18	0.98	1.48	-1.79	2.64	-1.32	2.99	-0.58	3.94	0.19	48.94	2.75
DARDANELLE	4.36	0.80	6.49	3.33	3.33	-0.98	6.05	1.67	4.31	-1.01	5.57	1.68	4.92	1.54	7.84	4.30	0.35	-2.96	1.99	-1.11	3.18	-0.30	3.88	0.34	52.27	7.30
DE QUEEN	0.65	-3.07	6.49	2.20	4.02	-0.51	2.40	-3.62	8.97	3.68	0.81	-3.20	2.39	-1.60	2.89	-0.99	1.66	-0.70	4.85	2.03	3.26	-0.84	2.85	-1.04	41.24	7.66
DENVER											5.69		3.93		5.08		0.30		1.66		2.95		3.39			
DERMOTT	5.02		9.55		6.85		3.86		3.79		2.18		3.51		2.18		1.68		0.62		7.67		2.57		49.48	
DES ARC	3.04		7.69		6.22		3.75		4.18		4.65		3.93		4.11		0.87		2.31		7.10		3.20		51.05	
DEVILS KNOB	3.03		6.68		3.74		3.38		5.32		9.13		5.01		5.78		.T		1.40							
DUMAS 1	4.01	-0.97	7.91	3.80	9.89	4.06	3.14	-1.62	5.59	0.93	2.79	-0.82	6.95	2.97	3.24	-0.03	0.65	-2.32	1.93	-1.1[illegible]	10.60	6.37	1.41	-4.63	58.11	6.64
DUMAS 2											2.68		6.71		2.85		0.50		1.73		9.52					
DURHAM	1.27		3.99		4.33		1.16		5.67		7.41		3.84		10.49		0.00		2.55		2.18		3.62		46.51	
EAGLE GAP	4.31		6.01		4.95		3.31		8.11		3.28		8.42		8.63		0.84		6.06		2.79		5.99		62.70	
EL DORADO AP	5.11	-0.52	5.00	0.77	4.46	-0.70	4.59	-0.62	5.25	0.55	0.89	-2.87	1.68	-2.76	2.65	-0.64	0.78	-2.11			7.93	3.15	2.68	-3.78		
ELEVENPOINT			4.27																							
EUREKA SPRINGS	1.42	-1.79	3.93	1.25	6.19	2.40	1.71	-3.25	6.43	0.72	5.46	-0.19	6.69	2.98	4.69	0.00	0.08	-4.43	1.55	-2.43	2.67	-0.56	3.42	0.44	44.24	-4.86
EVENING SHADE	3.92		4.28		4.45		2.55		4.63		9.04		3.92		3.52		0.75		0.78		5.59		7.10		50.53	
FAYETTEVILLE	1.17		3.75		5.76		1.64		5.04		9.02		6.02		10.49		0.29		1.55		2.11		4.38		51.22	
FAYETTEVILLE EX S	1.33	-1.55	3.47	1.04	5.49	1.99	1.62	-3.04	5.13	-0.29	8.27	3.60	4.54	0.84	10.36	6.40	0.32	-3.59	1.45	-2.22	2.47	-0.58	3.83	1.05	48.28	3.65
FORDYCE	6.87	1.78	8.13	3.67	11.48	5.90	3.35	-2.10	5.97	2.29	1.60	-2.07	4.23	1.11	6.23	1.90	0.75	-3.19	2.11	-0.25	9.18	5.17	3.62	-1.36	63.52	12.85
FOREMAN											2.03		1.48		0.38		0.17		3.61		3.90					
FORESTER	5.79		8.81		4.70		6.01		9.51				4.06		3.10		1.26		4.03		2.17		3.33			
FORREST CITY	1.80		9.95		10.39		5.11		4.19		5.33		5.82		2.70		1.25		2.88		5.53		3.95		58.90	
FORT SMITH WB AP	0.79	-1.75	4.68	2.12	2.95	-0.06	1.67	-2.27	5.41	0.59	4.09	0.37	1.62	-1.75	3.39	0.11	0.14	-2.85	1.94	-1.05	1.04	-1.83	3.74	0.98	31.46	-7.39
FORT SMITH RIVER	0.95		4.68		2.95		1.67																			
FT SMITH WTR PLNT	1.16		4.10		5.09		2.46		5.02		5.44		4.09		5.32		0.43		2.06		2.41		3.87		41.45	
FOUNTAIN HILL	3.50		8.75				4.86		5.02		2.05		3.50		4.80		1.91		0.75		7.76		2.47			
FULTON	5.07	0.50	6.00	2.72	4.93	0.38	3.51	-1.09	5.36	0.85	2.18	-1.63	5.06	1.50	2.22	-0.60	0.24	-2.25	3.41	0.83	4.91	1.12	2.68	-1.42	45.57	-0.91
GARLAND	4.64		6.18		6.79		4.17		8.24		0.92		3.10		2.04		0.80		2.20		8.54		2.80		50.42	
GEORGETOWN	3.11	-2.21	8.39	4.68	6.84	1.82	4.67	-0.42	4.08	-0.14	4.95	1.01	6.75	3.63	4.56	1.12	1.30	-2.14	2.31	-1.08	6.55	2.80	4.33	0.80	57.84	9.87
GILBERT	4.62	1.29	4.11	1.22	3.27	0.44	2.28	-2.73	5.02	-0.12	3.45	-0.21	3.95	1.07	4.68	0.70	0.31	-3.26	2.82	-1.38	3.41	0.52	4.27	0.95	42.19	-1.51
GLENWOOD	2.75		7.59		7.09		3.77		3.87		3.58		2.75		3.68		3.33		3.57		3.47		4.20		49.65	
GRANNIS	4.12	-0.62	7.01	2.77	2.86	-1.51	2.43	-3.39	7.98	2.07	1.59	-3.28	8.46	3.91	5.05	1.74	1.57	-2.67	3.86	-0.35	2.62	-2.07	4.25	-0.73	51.80	-4.13
GRAVELLY	5.04		6.35		4.53		7.31		4.12		3.47		6.95		3.87		1.10		3.43		2.93		3.15		52.25	
GRAVETTE	0.81	-1.88	3.04	0.84	6.13	2.75	1.80	-2.93	4.45	-1.09	9.72	4.14	5.27	1.76	6.64	2.62	0.88	-3.35	2.07	-1.88	3.79	0.61	3.35	0.97	47.95	2.56
GREEN FOREST	3.19		3.44		3.12		0.64		4.98		4.84		5.04		3.83		0.22		1.97		2.93		3.82		38.02	
GREEN MOUNTAIN	1.52		4.58		0.96		2.25		3.49		10.00		1.72		2.33						4.58		4.54			
GREENBRIER	3.72																				7.92		6.17			
GREENWOOD	0.77						5.21		6.40		3.06		6.68		3.23		0.67		2.11		1.75		2.87			
GURDON													5.84		4.05		0.86		2.72		6.34		2.31			
HAMPTON							4.35		5.90				3.77		2.27		1.86		2.57		12.72					
HARDY													1.48				0.54		1.05		4.34					
HARRISON	1.60	-1.39	5.54	2.88	3.08	-0.07	1.60	-3.05	5.46	0.15	7.46	3.05	6.34	2.95	5.64	2.07	0.16	-3.80	2.21	-1.02	3.57	0.84	3.34	0.85	46.00	3.46
HARRISON AIRWAY													6.09		5.85		0.15		2:38		4.39		3.53			
HEBER SPRINGS 3SW											5.21		1.43		3.88		0.79		2.49		5.57					
HECTOR					3.64		4.77		6.56		6.02		5.45		3.02		0.35		2.83		4.14		4.11			
HELENA	4.29	-1.19	8.13	3.63	7.16	1.13	4.33	-1.24	4.08	-0.32	4.40	0.66	5.61	1.76	6.84	3.28	1.61	-1.67	0.95	-1.76	8.99	4.45	3.58	-1.50	59.97	7.23
HENDERSON	2.44		5.10		2.65		2.68		3.23		9.03		3.09		2.0[illegible]		0.42				5.33		4.79			
HOPE	5.10	0.11	6.80	2.73	7.03	1.95	4.62	-0.69	6.89	1.80	1.37	-2.37	2.56	-1.79	2.73	-0.55	0.08	-2.98	3.48	0.29	7.70	3.15	4.12	-0.52	52.48	1.13
HOPPER													3.86		3.71		1.42		4.82		4.02		4.68			
HORATIO	3.37		5.59		4.44		2.15		9.06		2.47		3.65		2.10		0.89		4.2[illegible]		3.32		2.08		43.32	
HOT SPRINGS	3.13	-1.80	7.8[illegible]	4.11	6.03	1.20	3.50	-2.53	5.14	-0.60	3.31	-1.31	2.49	-1.62	2.60	-1.1[illegible]	0.21	-3.16	4.07	0.85	4.05	-0.27	3.80	-0.83	46.13	-7.06
HUNTSVILLE	0.72		3.26		3.88		1.69		3.97		7.13		4.50		8.51		0.12		2.7[illegible]		3.32		3.00		42.80	
HUTTIG DAM	4.53		7.3[illegible]		5.10		4.27		3.05		1.90		2.26		5.16		0.93		1.2[illegible]		7.85		3.64		47.36	

See reference notes following Station Index.

Table 2—Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip.	Departure	Precip	Departure
ICELEOO	2.62		5.18		3.71		1.81		5.27		4.24															
INOEX	2.50	-1.78	3.08	-0.43	5.40	0.84	2.25	-2.40	6.50	2.19	2.10	-1.11														
JASPER					3.58		1.88		.46		3.81		6.53		4.92		0.08		2.03		3.67		5.17			
JESSIEVILLE													2.75	-0.70	3.43	-0.53	0.19	-2.55	3.33	-0.02	5.74	1.29	4.37	-0.15		
JONESBORO	3.14	-1.88	5.78	2.00	8.99	4.22	2.60	-1.97	2.18	-1.84	6.93	3.19	1.73	-1.50	0.73	-2.73	3.04	-0.32	2.94	-0.33	8.20	4.84	6.63	2.25	52.89	5.93
KEO	3.46		6.81		8.05		5.22		5.30		4.75		5.66		4.84		1.64		3.96		8.48		2.52		60.69	
LAKE CITY	3.91		6.06		8.51		4.10		2.61		5.37		2.84		0.67		3.07		3.21		5.16		6.17		51.68	
LANGLEY	0.87		7.74																							
LEAO HILL	0.60	-2.24	3.59	0.48	3.38	-0.31	1.89	-2.09	4.16	-1.24	6.38	1.95	3.38	-0.31	2.50	-1.37	0.35	-3.16	2.65	-0.71	4.87	1.49	3.68	0.68	37.43	-6.83
LEE CREEK	3.46		4.96		6.82		3.23		6.65		7.86		3.07		8.10		0.40		1.91		3.43		4.35		54.24	
LEOLA	1.59		9.42				2.36		4.88		0.53		2.82		4.45		0.50		2.57		7.38		3.73			
LITTLE ROCK WB AP	1.56	-3.17	7.14	3.30	6.43	1.81	4.54	-0.65	4.56	-0.22	2.25	-1.51	3.41	-0.09	3.31	-0.44	1.20	-1.97	1.50	-1.21	7.99	3.80	2.70	-1.44	46.59	-1.79
LITTLE ROCK FLT P					7.08		5.38		5.66		4.08		5.85		3.13		0.20		3.06		8.71		2.91			
LOCK ANO DAM NO 3	3.78		4.43		4.43		2.05		4.61		8.94		1.88		2.65		1.01		1.73		4.98		5.61		46.10	
LOST CORNER	4.74		6.95		5.01		4.63		5.53		6.61		3.21		2.35		0.32		2.67		4.19		6.37		52.58	
LURTON	5.13		6.27		3.65		2.66		6.14		6.53		2.77		5.50		0.46		3.29		5.31		6.40		54.11	
LUTHERVILLE	0.80	-3.22	6.19	2.78	3.11	-1.06	4.21	-0.73	5.33	-0.28	4.65	0.09	3.76	0.22	5.49	1.68	0.13	-3.97			3.27	-0.32	5.32	1.14		
MAOISON	6.10	0.87	9.74	5.23	10.13	4.91	4.66	0.44	5.10	1.44	6.60	3.63	5.10	0.30	1.95	-1.38	1.17	-1.73	2.22	-0.69	5.15	1.05	3.51	-2.03	61.43	12.04
MAGNOLIA	5.14	-0.30					2.88	-2.01	6.88	2.27	0.37	-3.13	2.27	-1.74	2.46	-0.11	1.38	-0.72	2.13	-0.85	10.96	6.33	2.25	-3.49		
MALVERN			5.56		6.57		3.36		4.98		0.90		2.70		3.00		0.31		4.10		8.01		2.70			
MAMMOTH SPRING	4.61	0.97	4.62	1.91	4.68	1.28	3.69	-1.39	3.88	-0.73	9.46	5.24	1.50	-2.00	1.34	-2.68	0.19	-3.33	1.98	-1.60	5.85	2.45	4.80	1.53	46.60	1.65
MARIANNA	4.57	-0.12	10.41	6.53	6.89	2.01	6.09	1.95	5.89	1.97	3.51	0.04	6.02	2.63	4.04	1.13	1.22	-1.52	2.30	-0.86	6.23	2.86	2.84	-1.79	60.01	14.83
MARKEO TREE	4.25	-1.18	6.20	2.53	9.16	4.00	5.46	-0.19	3.02	-1.78	5.25	1.81	2.25	-1.36	4.32	0.78	2.19	-0.77	3.83	0.11	4.33	0.25	3.66	-0.88	53.92	3.32
MARSHALL	4.86	1.65	4.26	1.72	3.05	-0.93	2.17	-3.81	3.58	-3.21	4.56	0.05	4.07	0.50	5.28	-0.01	0.56	-3.47	3.19	-0.79	5.91	2.32	4.83	1.10	46.32	-4.88
MARVELL	3.07		9.57		6.19		5.08		5.32		2.63		3.92		4.26		2.98		0.82		6.85		3.07		53.76	
MAUMEE													4.12		4.39		0.47		2.04		4.66		5.57			
MELBOURNE	1.36		4.36										2.17		3.22						4.81					
MENA	7.69	3.74	6.21	2.85	3.48	-1.02	2.66	-2.92	9.53	3.32	1.90	-3.08	6.02	2.14	7.15	2.89	1.70	-2.16	5.62	1.93	2.82	-0.75	3.87	-0.12	58.65	6.82
MONTICELLO	2.69		6.61		6.39		3.32		4.83		2.11		4.20		4.49		1.15		1.64		8.72					
MOROBAY L O 8	2.90		8.13		5.06		4.98		6.53		1.18		2.22		2.65		1.80		1.51		7.68		2.70		47.34	
MORRILTON	3.51	-0.35	6.73	3.52	4.15	0.02	4.99	0.09	5.38	0.76	4.86	0.94			8.08	5.16	0.91	-1.92	1.88	-1.80	5.55	1.68	4.88	0.84		
MOUNT IOA 1	1.22	-3.13	6.18	2.22					6.66	0.98	1.64	-2.54	3.00	-0.50					3.19	-0.52	4.10	-0.05	5.77	1.44		
MOUNT IDA 2													2.23		4.08											
MOUNT MAGAZINE																	0.41		1.85		2.84		2.67			
MOUNTAIN HOME	1.60	-1.27	4.25	1.68	3.05	-0.62	2.40	-2.24	3.15	-2.16	8.90	4.40	2.70	-0.82	2.65	-1.18	0.35	-3.40	1.20	-2.76	5.00	1.83	5.40	1.86	40.65	-4.68
MOUNTAIN VIEW	1.90		5.12		3.38		1.88		5.35		7.46		3.90		2.63		1.17		2.49		4.64		6.02		45.94	
MOUNTAINBURG	1.22		4.58		4.94		2.82		5.62		5.74		4.20		4.31		0.41		2.15		2.07		4.26		42.32	
MULBERRY	4.03		4.93		3.98		4.57		5.67		4.04		4.01		4.18		.T		1.99		2.42		4.92		44.74	
NASHVILLE	2.14		4.82		5.45		2.70		7.89		2.02		2.97		2.56		1.22		3.95		4.50		2.83		43.05	
NASHVILLE SCS											2.04															
NATHAN													3.44		4.18		0.79		4.30		3.89		3.25			
NEWHOPE							2.77						5.41		3.78		1.15		3.06				3.55			
NEWPORT	4.07	-0.88	5.84	2.30	6.93	2.14	3.03	-1.90	4.38	0.15	12.15	8.36	3.57	0.35	4.52	1.05	2.50	-0.92	2.82	-0.15	7.90	3.81	4.77	0.67	62.48	14.98
NIMROO OAM	3.67		5.89		4.20		4.00		5.26		3.30		6.96		4.15		0.70		3.03		3.89		3.80		48.85	
NORFORK OAM	5.25		4.49		3.69		3.10		3.24		6.12		1.08				0.54		1.17		5.93		4.50			
OOELL	3.09		4.66		6.01		2.23		5.94		8.34		2.65		9.46		1.14		1.89		3.32		5.00		53.73	
OOEN	6.00	1.99			3.88	0.07	3.16	-2.78	5.89	0.82													3.35	-0.88		
OKAY	3.56	-0.95	4.07	0.17	5.30	0.69	3.72	-0.84	6.49	1.63	2.37	-0.60	2.94	-0.66	2.03	-0.76	0.35	-2.47	4.92	1.94	4.13	-0.23	2.11	-3.04	41.99	5.12
OSCEOLA			4.99	0.53	8.25	3.13	1.71	-2.77	1.44	-3.32	5.17	1.88	3.62	0.25	1.25	-2.00							4.68	0.65		
OWENSVILLE	2.90		6.87		3.92		3.72		4.53		3.37		5.31		4.68		1.04		5.01		6.48		2.64		50.47	
OZARK	4.26	1.22	5.32	2.54	3.22	-0.53	4.12	-0.49	5.24	-0.24	4.86	0.47	2.35	-0.82	5.10	1.37	0.19	-3.21	2.53	-0.83	1.74	-1.34	5.25	1.85	44.18	-0.01
PARAGOULO	2.37	-2.71	3.8	-0.01			2.1	-2.61	2.60	-1.59	4.70	1.20	5.65	2.43	2.99	-0.88	2.79	0.30	1.75	-1.19	7.67	4.36	8.18	3.80		
PARKIN	6.82	1.66	7.55	3.40	9.83	4.51	3.84	-0.41	2.91	-0.26	5.91	2.63	4.57	1.15	2.15	-1.00					4.61	0.97	3.80	-1.48		
PARTHENON	0.97		3.70		3.06		2.04		6.08		4.73		5.51		5.29		0.13		2.62		2.89		4.58		41.60	
PERRYVILLE	0.43	-3.97	6.77	3.35	4.29	0.43	6.10	0.84	7.19	1.45	4.05	-0.85	5.53	1.28	7.32	3.27	0.60	-2.90	1.72	-1.78	5.93	2.33	3.74	-0.24	53.67	3.21
PINE BLUFF	4.56	-0.67	7.36	3.26	7.70	2.39	2.61	-2.82	4.50	0.09	1.11	-2.62	9.09	5.49	3.24	0.36	1.22	-2.15	1.79	-1.04	8.74	4.56	3.25	-2.02	55.17	4.83
PINE BLUFF CAA																			2.02		8.57		3.10			
PINE RIOGE	4.03	-0.53	5.59	1.84	4.35	0.07	3.23	-2.72	5.05	-0.51	2.54	-1.89	3.73	0.04	2.65	-0.26	1.73	-1.27	4.58	0.55	3.15	-0.96				
POCAHONTAS 1	2.37	-1.95	4.33	1.04	5.32	0.76	2.93	-1.93	3.22	-1.48			1.71	-2.28	1.26	-3.13	1.21	-2.13	1.03	-2.28	7.28	3.71	6.65	2.85		
PORTLANO	3.44	-1.31	6.71	2.43	5.34	0.06	4.87	-0.10	2.50	-2.20	1.96	-1.20	1.20	-2.73	3.97	0.74	1.22	-1.38	0.68	-2.26	8.66	4.51	3.66	-2.13	44.21	-5.57
PRESCOTT	6.76	2.02	6.61	2.81	6.07	1.51	3.65	-1.47	6.87	1.98	1.69	-2.03	2.96	-0.58	4.16	1.00	0.08	-2.84	3.49	0.86	7.62	3.91	3.05	-1.61	53.01	5.56
PRESCOTT SCS													3.24		4.24				4.25		6.41		3.10			
PYATT	0.92		3.94		3.27		1.74		4.01		5.30		5.63		4.89		0.20		1.62		4.06		3.58		39.16	
RATCLIFF	5.06		7.65						5.61		3.37		5.58		2.91		.T		2.74		2.10		2.82			
RAVANA											2.42		3.11		0.79		0.60		3.09		5.33		3.22			
REO STAR			6.58										3.96													
REMMEL OAM											1.23				2.64		0.35		4.01		6.99		3.74			
RISON	1.93						1.70		6.82		0.00															
ROCKHOUSE	1.20		3.52		4.33		1.49		4.47		6.21		7.15		3.97		0.60		4.35		1.43		3.60		42.32	
ROGERS	1.22	-1.42	3.90	1.83	5.92	2.57	1.79	-2.78	5.77	0.42	9.14	4.24	7.07	3.39	7.80	4.03	.T	-4.08	1.99	-1.50	2.71	-0.32	5.07	2.63	52.38	9.01
ROSEBUO																							4.20			
RUSSELLVILLE	1.82	-1.91	6.89	3.53	3.44	-0.90			5.65	0.16	4.54	0.31	3.68	-0.42	7.58	4.03			2.46	-0.55	3.44	-0.33	4.22	0.87		
SAINT CHARLES	4.31		9.49		5.93		3.76		5.65		5.26		5.55		5.42		1.10		1.78		7.21		3.73		59.19	
SAINT FRANCIS	3.79	-1.41	3.41	-0.78	8.46	3.57	1.77	-3.00	3.37	-0.55	5.39	1.57	2.11	-1.94	3.25	-0.72	2.97	-0.64	1.13	-2.35	8.22	4.68	5.77	1.62	49.64	0.05
SEARCY	2.25	-2.52	6.87	3.37	9.79	5.13	2.56	-2.28	4.57	0.05	5.90	1.92	2.85	-0.10	4.58	0.98	0.30	-2.63	1.29	-1.84	8.56	4.26	3.27	-1.34	52.79	5.00
SHERIOAN	3.87		6.77		7.53		3.49		6.05		2.87										9.29		3.43			
SHIRLEY	3.08		5.34		4.33		3.40		4.34		6.18		2.40		1.90		0.60		3.36		5.50		6.67		47.10	
SILOAM SPRINGS	1.00		3.37		5.86		2.53		3.07		8.47		2.85		11.15		0.72		1.19		4.67		2.91		47.79	
SMITHVILLE	0.95		4.59		4.58		2.23		3.55		9.65		5.81		2.30		0.80		0.73		6.74		6.47		48.40	
SPARKMAN															5.08						9.69					
STAR CITY					9.45		2.93		5.95										1.13		8.17					
STEVE	2.04		6.16		3.92		4.77		6.88		4.58		7.36		4.67		0.68		3.73		4.54		4.31		53.64	
STORY	4.04	0.17	4.33	0.92	4.49	0.52	2.85	-3.38	6.73	1.86	2.82	-0.51	5.17	1.70	3.83	0.81	0.71	-2.06	2.20	-1.20	5.20	1.32	6.23	1.62	48.60	1.77
STUTTGART	4.68	-0.51	8.83	4.75	6.64	1.18	6.96	1.98	9.52	4.89	6.36	2.55	6.83	3.04	5.19	1.73	1.36	-1.73	1.73	-1.29	8.93	4.84	3.53	-1.49	70.56	19.94
STUTTGART 9ESE	5.26	-0.66	7.38	2.72	7.54	2.43	5.13	0.88	7.98	3.62	4.66	1.38	4.79	0.70	5.48	3.39	1.57	-1.06	1.22	-1.86	7.16	2.62	2.83	-2.47	61.00	11.69
SUBIACO	4.42	0.95	5.85	2.92	3.12	-0.68	5.76	1.25	6.37	1.12	4.87	0.73	5.06	1.89	4.48	0.91	0.48	-2.91	2.32	-1.17	2.81	-0.36	3.60	0.17	49.14	4.82
SUGAR GROVE	4.52		5.15		3.09		5.63		5.62		3.28		6.21		4.40		0.77		2.33		2.55		2.34		45.89	
SUGAR LOAF MTN	4.32		5.83		4.26		2.26		4.89		5.92		1.90		2.88		0.71		3.28		5.08		6.05		47.38	
TAYLOR	5.30		5.33		4.53		2.97		7.65		1.23		3.87		1.40		0.50		4.98		7.10		2.13		46.99	
TEXARKANA WB AP	3.21	-1.27	5.12	1.75	5.67	1.37	3.99	-0.95	6.95	2.43	1.50	-2.21	3.71	-0.40	2.93	-0.44	0.23	-2.44	2.46	-0.95	4.07	0.40	3.07	-1.54	42.91	-4.25
TINSMAN	0.46																									
TURNPIKE	2.74	-1.44	6.21	2.77	4.18	0.14	3.58	-1.74	8.56	2.64	8.27	3.35	3.88	0.60	4.75	0.66	1.48	-3.38	2.73	-2.26	5.79	1.70	7.04	2.83	59.21	5.87
VIOLA	4.30		3.51		2.68		2.67		2.84		9.17		1.95		1.27		1.70		1.30		6.19		6.68		44.26	
WALORON	1.40	-2.34	5.22	1.76	2.93	-0.79	3.98	-1.29	4.61	-0.95	3.47	-0.92	6.60	3.73	4.20	1.14	0.63	-2.53	4.37	0.50	2.83	-0.72	2.63	-0.97	42.87	-3.38
WALNUT GROVE					5.13		1.81		4.46		12.55		0.84		6.44		1.12		1.82		6.11		6.35			
WARREN	4.38	-0.49	8.44	4.03	8.46	3.00	6.40	1.24	3.86	-0.70	1.58	-2.10	4.48	0.59	4.79	1.38	0.41	-2.97	2.12	-1.05	10.95	6.79	2.50	-3.26	58.37	6.46
WEOINGTON LAKE	1.19		2.19		2.89		1.13		4.76		8.90		4.25		13.94		0.94		1.40		3.28		3.69		48.56	
WEST FORK	0.84		4.31		5.48		2.18		5.67		10.04		2.76		15.16		0.61		2.76		2.25		4.91		56.97	
WHEELING											7.98		3.08		0.76		0.40		1.05		5.55		5.33			
WHITE ROCK	1.60		5.11		5.04		2.39		5.74		6.29		4.99		8.38		0.12		2.84		3.91		5.24		51.65	
WHITE CLIFFS	4.41	0.45	4.72	1.28	5.50	1.03	2.52	-2.95	8.33	3.52	1.85	-1.66	2.93	0.24	2.51	-0.39	.T	-2.51	2.75	-0.38	6.60	3.27	2.42	-2.22	44.54	-0.32
WILSON									2.23	-2.00					1.30	-1.97										
WINFREY											6.38		2.01						2.92							
WING	0.81		5.95		3.79		6.30		3.96		3.00		5.37		5.05		0.60		2.94		2.82		3.52		44.11	
WYNNE	3.70	-1.42	8.72	4.91	9.81	4.63	4.11	-1.39	2.78	-1.53	7.26	3.58	2.20	-1.36	2.07	-1.68	1.26	-2.01	1.11	-2.45	4.98	1.18	3.31	-1.67	51.24	0.79
YELLVILLE	3.95		3.41		3.27		1.90		4.10		4.86		3.73		3.33		0.21		1.87		4.43		3.86		38.92	

See Reference Notes Following Station Index

Table 3

TEMPERATURE EXTREMES AND FREEZE DATA

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ALUM FORK	97	6/13†	7	1/24	3/13 (14°)	3/13 (14°)	3/13 (14°)	10/18 (31°)	11/30 (27°)	12/8 (24°)	270	262	219
ARKADELPHIA	102	7/26	9	1/18†	3/14 (20°)	3/14 (20°)	3/30 (32°)	10/18 (30°)	11/10 (28°)	11/30 (24°)	261	241	202
ASHDOWN	102	8/13	11	1/23	3/13 (24°)	3/13 (24°)	3/13 (24°)	10/17 (28°)	10/17 (28°)	12/5 (21°)	268	218	218
BATESVILLE AIRWAY	98	8/23	7	1/24†	3/13 (17°)	3/13 (17°)	3/28 (32°)	10/17 (31°)	10/18 (27°)	12/8 (23°)	270	219	203
BATESVILLE LIVESTOCK	98	9/24	3	1/24	3/13 (14°)	3/28 (28°)	3/28 (28°)	10/18 (21°)	10/18 (21°)	10/18 (21°)	219	204	204
BEE BRANCH	101	9/22	6	1/24	3/13 (17°)	3/14 (28°)	3/29 (31°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	219	218	203
BENTON	99	9/23	4	1/24	3/14 (19°)	3/30 (27°)	3/30 (27°)	10/18 (26°)	10/18 (26°)	11/29 (20°)	260	202	202
BENTONVILLE	97	7/8 †	-12	3/12	3/28 (23°)	3/28 (23°)	4/14 (31°)	10/18 (25°)	10/18 (25°)	11/22 (24°)	239	204	187
BETHESDA	96	9/23	3	1/24	3/12 (13°)	3/12 (13°)	3/28 (29°)	10/18 (20°)	10/18 (20°)	10/18 (20°)	220	220	204
BLYTHEVILLE	100	8/24	-	-	3/13 (23°)	3/13 (23°)	3/28 (32°)	10/18 (30°)	11/25 (20°)	11/25 (20°)	257	257	204
BOONEVILLE 3 MI. SW	100	9/21†	7	1/24	3/13 (17°)	3/13 (17°)	3/14 (32°)	-	-	-	-	-	-
BRINKLEY	97	6/13†	6	1/18	3/13 (18°)	3/13 (18°)	3/13 (18°)	10/18 (27°)	10/18 (27°)	-	-	219	219
CAMDEN 1	101	7/18†	-	-	3/13 (21°)	3/14 (26°)	3/14 (26°)	-	-	-	-	-	-
CAMP CHAFFEE	-	-	7	3/11	3/13 (16°)	3/13 (16°)	3/29 (30°)	10/18 (27°)	10/18 (27°)	11/23 (18°)	255	219	203
CONWAY	98	7/30	7	1/24	3/13 (19°)	3/13 (19°)	3/14 (30°)	10/18 (28°)	10/18 (28°)	11/30 (24°)	262	219	218
CORNING	100	8/24	4	1/24†	3/13 (17°)	3/13 (17°)	3/28 (31°)	10/18 (25°)	10/18 (25°)	12/8 (22°)	270	219	204
CROSSETT	102	7/25†	-3	1/18	3/13 (17°)	3/14 (27°)	4/2 (32°)	10/18 (27°)	10/18 (27°)	11/30 (23°)	262	218	199
CUMMINS FARM	98	7/7 †	1	1/18	3/13 (20°)	3/13 (20°)	3/14 (31°)	10/18 (27°)	10/18 (27°)	12/11 (24°)	274	219	218
DARDANELLE	98	6/7	8	1/24†	3/14 (19°)	3/14 (19°)	3/14 (19°)	10/18 (30°)	11/10 (26°)	11/30 (24°)	261	241	218
DE QUEEN	101	8/13	9	1/24	3/13 (19°)	3/13 (19°)	3/14 (32°)	10/18 (28°)	10/18 (28°)	11/29 (24°)	261	219	218
DES ARC	100	8/22	9	1/24	3/13 (20°)	3/13 (20°)	3/14 (31°)	10/18 (29°)	11/29 (26°)	12/8 (24°)	270	261	218
DEVILS KNOB	97	7/21	-2	1/24†	3/28 (21°)	3/28 (21°)	3/28 (21°)	10/18 (28°)	10/18 (28°)	11/22 (24°)	239	204	204
DUMAS 1	101	7/15	4	1/18	3/13 (20°)	3/13 (20°)	3/14 (32°)	10/18 (28°)	10/18 (28°)	12/26 (23°)	289	219	218
EL DORADO	107	8/15	3	1/18	3/14 (21°)	3/14 (21°)	3/14 (21°)	10/18 (29°)	11/29 (28°)	12/31 (23°)	292	260	218
EUREKA SPRINGS	95	8/22†	-1	3/11†	3/28 (24°)	3/28 (24°)	3/28 (24°)	10/18 (27°)	10/18 (27°)	11/23 (21°)	240	204	204
FAYETTEVILLE	94	8/22†	-5	3/12	3/13 (9°)	3/28 (27°)	3/28 (27°)	10/18 (26°)	10/18 (26°)	11/23 (19°)	255	204	204
FAYETTEVILLE EXP. STN.	97	6/13	-11	3/12	3/13 (5°)	3/28 (26°)	4/14 (31°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	219	204	187
FORDYCE	101	7/15	4	1/18	3/13 (22°)	3/13 (22°)	3/13 (22°)	10/18 (31°)	12/10 (28°)	12/26 (24°)	288	272	219
FORT SMITH WB AP	99	7/25	7	3/11	3/13 (19°)	3/13 (19°)	3/13 (19°)	10/18 (26°)	10/18 (26°)	11/23 (19°)	224	219	219
GILBERT	98	9/23	-1	1/28	3/14 (12°)	4/2 (27°)	4/3 (31°)	10/12 (29°)	10/18 (22°)	10/18 (22°)	218	199	192
GRANNIS	96	8/13	9	1/23	3/12 (16°)	3/12 (16°)	3/28 (31°)	10/17 (28°)	10/17 (28°)	12/25 (24°)	268	219	203
GRAVETTE	96	9/22	-14	3/12	3/13 (5°)	3/28 (25°)	4/14 (29°)	10/12 (32°)	10/18 (22°)	10/18 (22°)	219	204	181
GREEN MOUNTAIN	98	6/21†	2	1/28	3/12 (7°)	3/28 (28°)	3/28 (28°)	10/19 (31°)	11/10 (26°)	11/29 (20°)	262	227	205
HARRISON	96	8/22†	-10	3/12	3/28 (21°)	3/28 (21°)	4/15 (30°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	204	204	186
HARRISON AIRWAY	-	-	-	-	-	-	-	10/17 (29°)	10/18 (24°)	10/18 (24°)	-	-	-
HELENA	98	7/8	6	1/18	3/13 (20°)	3/13 (20°)	3/14 (31°)	10/18 (32°)	12/26 (23°)	12/26 (23°)	288	288	218
HOPE	101	8/15	7	1/19	3/14 (21°)	3/14 (21°)	3/14 (21°)	10/18 (32°)	11/29 (27°)	12/8 (24°)	269	260	218
HOT SPRINGS NATL. PARK	102	7/26	8	1/24	3/13 (22°)	3/13 (22°)	3/13 (22°)	11/23 (31°)	12/10 (27°)	12/26 (21°)	288	272	255
JONESBORO	99	8/23	6	1/24†	3/14 (23°)	3/14 (23°)	3/28 (31°)	10/18 (28°)	10/18 (28°)	12/10 (23°)	271	218	204
KEO	98	8/13	9	1/24	3/13 (21°)	3/13 (21°)	3/14 (30°)	10/18 (27°)	10/18 (27°)	12/8 (23°)	270	219	218
LEAD HILL	98	8/22†	-14	3/12	3/28 (23°)	3/28 (23°)	4/15 (32°)	10/12 (31°)	10/18 (22°)	10/18 (22°)	204	204	180
LITTLE ROCK WB AP	98	7/25	10	1/24	3/13 (21°)	3/13 (21°)	3/13 (21°)	11/10 (32°)	12/8 (27°)	12/26 (21°)	288	270	242
LUTHERVILLE	98	8/13	3	1/24	3/13 (13°)	3/13 (13°)	3/29 (32°)	10/18 (27°)	10/18 (27°)	11/23 (24°)	255	219	203
MAGNOLIA	108	8/13	7	1/18	3/13 (22°)	3/13 (22°)	3/13 (22°)	10/18 (31°)	11/29 (28°)	12/31 (22°)	293	261	219
MALVERN	101	7/17	-	-	3/13 (18°)	3/13 (18°)	3/14 (31°)	10/18 (30°)	10/19 (28°)	12/8 (24°)	270	220	218
MAMMOTH SPRINGS	98	8/22†	1	1/24	3/15 (22°)	4/2 (28°)	4/3 (30°)	10/18 (23°)	10/18 (23°)	10/18 (23°)	217	199	198
MARIANNA	97	7/7	-7	1/18	3/13 (21°)	3/13 (21°)	3/23 (29°)	10/18 (25°)	10/18 (25°)	12/10 (23°)	272	219	209
MARKED TREE	98	7/31†	7	1/24†	3/14 (19°)	3/14 (19°)	3/14 (19°)	10/18 (27°)	10/18 (27°)	12/8 (24°)	269	218	218
MARSHALL	96	8/22	1	1/24†	3/13 (16°)	3/13 (16°)	3/17 (32°)	10/18 (24°)	10/18 (24°)	10/18 (24°)	219	219	215
MENA	98	6/19	6	1/24	3/13 (21°)	3/13 (21°)	3/28 (32°)	10/18 (31°)	11/10 (28°)	11/29 (24°)	261	242	204
MONTICELLO	99	7/8 †	6	1/18	3/13 (22°)	3/13 (22°)	3/13 (22°)	-	12/20 (27°)	10/19 (32°)	-	282	220
MORRILTON	100	6/14	7	1/24	3/14 (23°)	3/14 (23°)	3/14 (23°)	10/18 (31°)	11/30 (27°)	12/10 (23°)	271	261	218
MOUNT IDA 1	-	-	0	1/24	-	-	4/15 (32°)	10/12 (32°)	10/18 (24°)	10/18 (24°)	-	-	180
MOUNTAIN HOME	96	9/22	-2	3/12	3/13 (7°)	3/28 (27°)	3/28 (27°)	10/18 (22°)	10/18 (22°)	10/18 (22°)	219	204	204
MOUNT MAGAZINE	-	-	-	-	-	-	-	11/9 (28°)	11/9 (28°)	11/29 (21°)	-	-	-
NASHVILLE	101	7/26	10	1/24	3/13 (20°)	3/14 (28°)	3/29 (31°)	10/18 (29°)	11/10 (28°)	12/6 (24°)	268	241	203
NEWPORT	101	7/7	9	1/24	3/14 (23°)	3/14 (23°)	3/14 (23°)	10/18 (29°)	11/30 (26°)	12/8 (24°)	269	261	218
NIMROD DAM	100	6/14†	4	1/24	3/14 (16°)	3/14 (16°)	3/29 (29°)	10/18 (28°)	10/18 (28°)	11/23 (23°)	254	218	203
NORFORK DAM	98	7/8 †	4	1/18†	3/14 (15°)	3/28 (28°)	4/2 (30°)	10/18 (26°)	10/18 (26°)	11/23 (20°)	254	204	199
ODEN	-	-	-	-	-	3/28 (28°)	3/28 (28°)	10/18 (28°)	10/18 (28°)	-	-	-	-
OKAY	102	8/13†	11	1/24	3/13 (21°)	3/13 (21°)	3/14 (30°)	10/18 (27°)	10/18 (27°)	11/30 (24°)	262	219	218
OZARK	98	9/8 †	9	1/24†	3/14 (19°)	3/14 (19°)	3/29 (31°)	10/18 (28°)	10/18 (28°)	11/23 (23°)	254	218	203
PARAGOULD	98	8/23	4	1/24†	-	-	-	10/17 (24°)	10/17 (24°)	10/17 (24°)	-	-	-
PERRYVILLE	-	-	4	1/25	3/13 (15°)	3/14 (26°)	3/29 (29°)	10/25 (28°)	10/25 (28°)	11/28 (20°)	260	225	210
PINE BLUFF	100	7/8	4	1/18	3/14 (22°)	3/14 (22°)	3/14 (22°)	11/29 (29°)	12/8 (28°)	12/26 (23°)	287	269	260
PINE BLUFF CAA	-	-	-	-	-	-	-	10/18 (32°)	11/29 (28°)	12/26 (23°)	-	-	-
POCAHONTAS	100	8/23	5	1/24†	3/13 (17°)	3/14 (28°)	3/28 (30°)	10/18 (26°)	10/18 (26°)	11/30 (22°)	262	218	204
PORTLAND	100	6/15†	5	1/18	3/13 (24°)	3/14 (25°)	3/14 (25°)	10/18 (29°)	10/19 (28°)	12/26 (24°)	288	219	218
PRESCOTT	100	7/26†	9	1/18	3/14 (22°)	3/14 (22°)	3/14 (22°)	10/18 (31°)	11/10 (28°)	12/10 (24°)	271	241	218
ROGERS	95	9/22	-6	3/12	3/13 (10°)	3/28 (25°)	3/28 (25°)	10/18 (23°)	10/18 (23°)	10/18 (23°)	219	204	204
RUSSELLVILLE	97	7/25	8	1/24	3/13 (19°)	3/13 (19°)	3/29 (31°)	10/18 (27°)	10/18 (27°)	11/30 (23°)	262	219	203
SAINT CHARLES	97	8/13†	9	1/18	3/13 (23°)	3/13 (23°)	3/13 (23°)	10/17 (29°)	11/30 (27°)	12/26 (22°)	288	262	218
SEARCY	100	9/8 †	9	1/24	3/13 (20°)	3/13 (20°)	3/14 (29°)	10/18 (30°)	11/29 (27°)	12/8 (24°)	270	261	218
SHERIDAN	-	-	5	1/18	3/13 (17°)	3/13 (17°)	3/13 (17°)	-	-	-	-	-	-
SILOAM SPRINGS	95	6/13†	-7	3/12	3/13 (4°)	3/28 (27°)	4/14 (30°)	10/18 (23°)	10/18 (23°)	10/18 (23°)	219	204	187
STUTTGART	94	6/13	7	1/18	3/14 (23°)	3/14 (23°)	3/14 (23°)	10/17 (31°)	12/7 (27°)	12/26 (22°)	287	268	217
STUTTGART 9 MI. ESE	95	7/8 †	4	1/18	3/13 (23°)	3/13 (23°)	3/14 (31°)	10/18 (30°)	11/30 (28°)	12/26 (23°)	288	262	218
SUBIACO	98	6/17	7	1/24	3/13 (20°)	3/13 (20°)	3/29 (32°)	-	-	11/23 (24°)	255	-	-
TEXARKANA WB AP	102	8/13	13	1/18	3/12 (16°)	3/13 (25°)	3/13 (25°)	11/10 (31°)	12/26 (28°)	None		288	242
TURNPIKE	89	6/7 †	0	1/28	3/12 (5°)	3/28 (25°)	3/28 (25°)	10/18 (30°)	11/19 (28°)	11/20 (23°)	253	236	204
WALDRON	99	6/13†	6	1/24	3/13 (16°)	3/13 (16°)	4/2 (32°)	10/18 (25°)	10/18 (25°)	11/10 (23°)	242	219	199
WARREN	98	6/14†	3	1/18	3/13 (21°)	3/13 (21°)	3/13 (21°)	10/18 (32°)	11/30 (27°)	12/31 (24°)	293	262	219
WHITE ROCK	91	6/13	-2	3/11	3/28 (23°)	3/28 (23°)	3/28 (23°)	11/9 (30°)	11/19 (26°)	11/20 (24°)	237	336	226
WYNNE	97	7/7 †	8	1/24	3/13 (22°)	3/13 (22°)	3/13 (22°)	10/18 (28°)	10/18 (28°)	12/10 (24°)	272	219	219

See Reference Notes Following Station Index

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Departure fr. normal
BETHESDA	EVAP	-	-	-	-	7.129	8.366B	6.974	6.387B	7.567B	4.421B	-	-	-	
	WIND	2606	-	-	3147	1487	1239	-	486	681	1164	1871	1964	-	
HOPE	EVAP	-	2.408B	4.366B	6.418	6.373	7.621	7.575	6.933	7.159	4.930B	2.623B	2.205B	-	
	WIND	1279	-	2161	1046	1446	998	881	574	1090	891	1216	-	-	
NIMROD DAM	EVAP	-	-	-	-	6.261	7.469	6.959	5.757	5.458	3.947	2.414B	-	-	
	WIND	-	936	1998	1582	1168	840	530	183	235	317	962	825	-	
NORFORK DAM	EVAP	-	-	-	7.454B	5.739B	7.601B	7.160B	6.590B	5.907	3.843	-	-	-	
	WIND	1483	1523	2281	1777	1118	1041	-	545	864	772	1340	1525	-	
RUSSELLVILLE	EVAP	-	-	-	-	-	-	-	-	-	-	-	1.480	-	
	WIND	-	-	-	-	-	-	-	-	-	-	-	815	-	
STUTTGART 9 MI. ESE	EVAP	-	-	3.149B	5.067	5.628	6.624B	6.375	5.650	4.879	3.244	1.721B	1.449B	-	
	WIND	1670	-	2870	1920	1390	1250	1050	455	880	720	1727	1988	-	

STATION INDEX

Station	Former station name	Index No.	County	Drainage	Latitude	Longitude	Elevation above mean sea level (feet)	Years of record			Opened or closed during year		Refer to tables
					° '	° '		Temperature	Precipitation	Evaporation	Month opened	Month closed	
ABBOTT		0006	SCOTT	ARKANSAS	35 04	94 12	624		7				2
ALICIA		0064	LAWRENCE	WHITE	35 54	91 05	256		22				2
ALPINE	ALPINE (NR)	0118	CLARK	OUACHITA	34 14	93 17	-		2				2
ALUM FORK	ALUM FORK RESER.	0130	SALINE	ARKANSAS	34 48	92 52	755	11	11				1 2 3
ALY		0136	YELL	OUACHITA	34 47	93 29	850		6				2
ANTOINE		0178	PIKE	OUACBITA	34 02	93 25	285		6				2
APLIN		0188	PERRY	ARKANSAS	34 58	92 59	400		4				2
APPLETON		0196	POPE	ARKANSAS	35 25	92 53	522		8				2
ARKADELPHIA		0220	CLARK	OUACHITA	34 07	93 03	200	52	52				1 2 3
ARKANSAS CITY		0234	DESHA	MISSISSIPPI	33 37	91 12	145		58				2
ASHDOWN		0286	LITTLE RIVER	RED	33 40	94 08	329	4	4				1 2 3
ATHENS		0300	HOWARD	RED	34 19	93 58	960		0		6/48		2
ATLANTA		0310	COLUMBIA	OUACHITA	33 07	93 02	329		3				2
AUGUSTA		0326	WOODRUFF	WHITE	35 17	91 22	218		13				2
BATESVILLE AIRWAY	6-BATESVILLE	0456	INDEPENDENCE	WHITE	35 46	91 39	363	40	40				1 2 3
BATESVILLE LIVESTOCK		0458	INDEPENDENCE	WHITE	35 49	91 47	571	7	7				1 2 3
BATESVILLE L & D 1	BATESVILLE RIVER	0460	INDEPENDENCE	WHITE	35 45	91 38	277		35				2
BEAR CREEK LAKE		0496	LEE	WHITE	34 43	90 42	220		2				2
BEATY LAKE		0512	ST. FRANCIS	ST. FRANCIS	35 05	90 43	400		7				2
BEAVER		0518	CARROLL	WHITE	36 28	93 46	930		3				2
BEE BRANCH		0528	VAN BUREN	ARKANSAS	35 27	92 24	650	56	56				1 2 3
BEEBE	BEEBE (NR)	0530	WHITE	WHITE	35 04	91 54	250		5				2
BEECH GROVE		0534	GREENE	WHITE	36 09	90 38	298		7				2
BEEDEVILLE		0536	JACKSON	WHITE	35 26	91 06	221		8				2
BENTON		0582	SALINE	SALINE	34 33	92 37	285	19	19				1 2 3
BENTONVILLE		0586	BENTON	ARKANSAS	36 22	94 13	1295	42	42				1 2 3
BERRYVILLE		0616	CARROLL	WHITE	36 22	93 34	1255		5				2
BETHESDA		0644	INDEPENDENCE	WHITE	35 49	91 47	500	8	8	5			1 2 3 4
BIG FLAT		0662	BAXTER	WHITE	36 00	92 24	1250		2				2
BIG FORK		0664	POLK	OUACHITA	34 29	93 58	1100		4				2
BIG LAKE OUTLET		0676	MISSISSIPPI	ST. FRANCIS	35 51	90 08	239		3				2
BLACK ROCK		0746	LAWRENCE	WHITE	36 07	91 06	259		46				2
BLUE MOUNTAIN DAM		0798	YELL	ARKANSAS	35 06	93 39	-		8				2
BLUFF CITY		0800	NEVADA	OUACHITA	33 41	93 09	360		-		6/48		2
BLYTHEVILLE		0806	MISSISSIPPI	ST. FRANCIS	35 56	89 55	252	22	22				1 2 3
BOONEVILLE 3 MI. SW	BOONEVILLE (NR)	0828	LOGAN	ARKANSAS	35 09	93 58	465	33	33				1 2 3
BOONEVILLE		0830	LOGAN	ARKANSAS	35 09	93 55	511		7				2
BOTKINBURG	BOTKINBURG (NR)	0842	VAN BUREN	WHITE	35 39	92 30	1200		3				2
BOUGHTON		0848	NEVADA	OUACHITA	33 52	93 18	235		13				2
BRADFORD		0872	WHITE	WHITE	35 25	91 28	240		3				2
BRINKLEY		0936	MONROE	WHITE	34 54	91 11	205	57	57				1 2 3
BULL SHOALS DAM		1020	BAXTER	WHITE	36 22	92 34	760		1				2
BURDETTE		1052	MISSISSIPPI	MISSISSIPPI	35 49	89 56	240		4				2
CABOT		1102	LONOKE	WHITE	34 59	92 01	289		4		6/48		2
CALICO ROCK		1132	IZARD	WHITE	36 08	92 08	380		43				2
CAMDEN 1	CAMDEN	1152	OUACHITA	OUACHITA	33 36	92 49	116	58	58				1 2 3
CAMDEN 2	CAMDEN	1154	OUACHITA	OUACHITA	33 35	92 51	155		-				2
CAMP CHAFFEE		1172	SEBASTIAN	ARKANSAS	35 18	94 18	419	6	6				1 2 3
CANAAN	CANAAN (NR)	1188	SEARCY	WHITE	35 52	92 44	-		8				2
CARLISLE		1224	LONOKE	ARKANSAS	34 47	91 45	235		7				2
CARPENTER DAM		1238	GARLAND	OUACHITA	34 27	93 01	-		8				2
CLARENDON		1442	MONROE	WHITE	34 41	91 18	172		44				2
CLARKSVILLE		1456	JOHNSON	ARKANSAS	35 29	93 28	370		8				2
CLINTON		1492	VAN BUREN	WHITE	35 35	92 28	510		26				2
COLD SPRINGS		1520	SCOTT	OUACHITA	34 58	93 54	1250		7				2
COMBS		1574	MADISON	WHITE	35 50	93 50	1400		8				2
COMPTON	COMPTON (NR)	1582	NEWTON	WHITE	36 06	93 18	895		5				2
CONWAY		1596	FAULKNER	ARKANSAS	35 05	92 27	309	64	64				1 2 3
CORNING		1632	CLAY	WHITE	36 24	90 35	293	54	54				1 2 3
COTTER		1640	MARION	WHITE	36 14	92 31	440		20				2
COVE		1666	POLK	RED	34 26	94 25	1050		-				2
CROSSETT		1730	ASHLEY	OUACHITA	33 02	91 56	175	25	35				1 2 3
CRYSTAL VALLEY	CRYSTAL VALLEY (NR)	1750	PULASKI	ARKANSAS	34 42	92 26	350		4				2
CULPEPPER	CULPEPPER (NR)	1756	VAN BUREN	WHITE	35 30	92 33	750		6				2
CUMMINS FARM		1768	LINCOLN	ARKANSAS	34 08	91 35	176	4	4				1 2 3
DAISY		1814	PIKE	OUACHITA	34 14	93 45	629		6				2
DANVILLE	DANVILLE SCS #1	1834	YELL	ARKANSAS	35 03	93 24	370		32				2
DARDANELLE		1838	YELL	ARKANSAS	35 13	93 09	330	62	62				1 2 3
DE QUEEN		1948	SEVIER	RED	34 02	94 21	426	14	14				1 2 3
DENVER	DENVER (NR)	1956	CARROLL	WHITE	36 23	93 18	1028		6				2
DERMOTT		1960	CHICOT	MISSISSIPPI	33 31	91 26	140		8				2
DES ARC		1968	PRAIRIE	WBITE	34 58	91 30	204	12	12				1 2 3
DEVILS KNOB		1982	JOHNSON	ARKANSAS	35 43	93 24	2350	11	11				1 2 3
DUMAS 1	DUMAS	2148	DESHA	MISSISSIPPI	33 53	91 30	162	41	41				1 2 3
DUMAS 2		2150	DESHA	MISSISSIPPI	33 53	91 30	-		5				2
DURHAM		2176	WASHINGTON	WHITE	35 57	93 59	1243		8				2
EAGLE GAP		2204	SCOTT	ARKANSAS	34 43	94 19	1150		21				2
EL DORADO		2300	UNION	OUACHITA	33 13	92 40	278	47	47				1 2 3
ELEVEN POINT		2308	RANDOLPH		36 21	91 06						6/48	
ELKINS		2315	WASHINGTON	WHITE			1364	0	0		6/48		1 2 3
EUREKA SPRINGS		2356	CARROLL	WHITE	36 24	93 45	1465	46	46				1 2 3
EVENING SHADE		2366	SHARP	WHITE	36 05	91 37	490		8				2
FAYETTEVILLE		2442	WASHINGTON	WHITE	36 05	94 10	1370	10	10				1 2 3
FAYETTEVILLE EXP. STN.		2444	WASHINGTON	WHITE	36 06	94 10	1412	60	60				1 2 3
FORDYCE		2540	DALLAS	OUACHITA	33 42	92 22	280	16	16				1 2 3
FOREMAN		2544	LITTLE RIVER	RED	33 43	94 24	400		8				2
FORESTER		2556	SCOTT	ARKANSAS	34 46	93 49	650		7				2
FORREST CITY	FORREST CITY (NR)	2564	ST. FRANCIS	ST. FRANCIS	35 02	90 46	260		8				2
FORT SMITH WB AIRPORT	FORT SMITH (AP)	2574	SEBASTIAN	ARKANSAS	35 20	94 22	458	66	66				1 2 3
FORT SMITH WTR PLANT		2578	CRAWFORD	ARKANSAS	35 39	94 09	793		10				2
FOUNTAIN HILL		2598	ASHLEY	OUACHITA	33 21	91 50	175		5				2
FULTON		2670	HEMPSTEAD	RED	33 37	93 48	260		62				2
GARLAND		2710	MILLER	RED	33 21	93 42	230		4				2
GEORGETOWN		2760	WHITE	WHITE	35 07	91 26	200		35				2
GILBERT		2794	SEARCY	WHITE	35 59	92 43	650	22	22				1 2 3
GLENWOOD		2842	PIKE	OUACHITA	34 20	93 33	547		13				2
GRANNIS		2908	POLK	RED	34 14	94 20	920	22	22				1 2 3
GRAVELLY		2922	YELL	ARKANSAS	34 53	93 41	498		8				2
GRAVETTE		2930	BENTON	ARKANSAS	36 36	94 32	1250	50	50				1 2 3
GREEN FOREST		2946	CARROLL	WHITE	36 20	93 26	1350		8				2
GREEN MOUNTAIN		2952	STONE	WHITE	36 02	92 12	1100	10	10				1 2 3

See reference notes following Station Index

Continued.

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Station	Former station name	Index No.	County	Drainage	Latitude ° ′	Longitude ° ′	Elevation above mean sea level (feet)	Years of record: Temperature	Years of record: Precipitation	Years of record: Evaporation	Opened or closed during year: Month opened	Opened or closed during year: Month closed	Refer to tables
GREENBRIER		2962	FAULKNER	ARKANSAS	35 14	92 14	360		5				2
GREENWOOD		2976	SEBASTIAN	ARKANSAS	35 13	94 15	518		8				2
GURDON		3074	CLARK	OUACHITA	33 54	93 09	210		0		6/48		2
HAMPTON		3098	CALHOUN	OUACHITA	33 32	92 28	202		0		6/48		2
HARDY		3132	SHARP	WHITE	36 19	91 29	362		8				2
HARRISBURG		3160	POINSETT	ST. FRANCIS	35 34	90 44	280		7				2
HARRISON		3164	BOONE	WHITE	36 14	93 07	1052	47	47				1 2 3
HARRISON AIRWAY	6-HARRISON AIRWAY	3166	BOONE	WHITE	36 14	93 07	1105						1 2 3
HEBER SPRINGS 3 MI., SW	HEBER SPRINGS (NR)	3230	CLEBURNE	WHITE	35 28	92 03	-		6				2
HECTOR		3235	POPE	ARKANSAS	35 28	92 58	555		0		6/48		2
HELENA		3242	PHILLIPS	MISSISSIPPI	34 32	90 35	200	75	75				1 2 3
HENDERSON		3258	BAXTER	WHITE	36 22	92 14	498		7				2
HILLEMANN		3354	WOODRUFF	WHITE	35 08	91 05	231		5				2
HOPE		3428	HEMPSTEAD	RED	33 43	93 33	375	77	77				1 2 3 4
HOPPER		3438	MONTGOMERY	OUACHITA	34 22	93 41	700		0		6/48		2
HORATIO		3442	SEVIER	RED	33 56	94 22	337		2				2
HOT SPRINGS NATL. PARK	HOT SPRINGS	3466	GARLAND	OUACHITA	34 31	93 03	630	55	55				1 2 3
HUNTSVILLE		3540	MADISON	WHITE	36 05	93 44	1453		8				2
HUTTIG DAM	LOCK AND DAM #6	3556	UNION	OUACHITA	33 02	92 05	60						2
ICELEDO		3570	NEWTON	WHITE	35 52	92 59	1365		4				2
INDEX		3584	LITTLE RIVER	RED	33 35	94 03	300		23				2
JASPER		3600	NEWTON	WHITE	36 01	93 11	857				6/48		2
JESSIEVILLE		3704	GARLAND	OUACHITA	33 42	93 04	730				6/48		2
JONESBORO		3734	CRAIGHEAD	WHITE	35 50	90 42	345	52	52				1 2 3
JUDSONIA		3768	WHITE	WHITE	35 16	91 38	212					6/48	
KEO		3862	LONOKE	ARKANSAS	34 36	92 00	230						1 2 3
KINGSLAND	KINGSLAND (NR)	3904	CLEVELAND	OUACHITA	33 50	92 16	214		5				2
LAKE CITY		3998	CRAIGHEAD	ST. FRANCIS	35 49	90 26	230		8				2
LAKE LEATHERWOOD		4006	CARROLL	WHITE	36 27	93 46	-		3				2
LANGLEY	LANGLEY (NR)	4060	PIKE	OUACHITA	34 19	93 50	-		4				2
LEAD HILL		4106	BOONE	WHITE	36 24	92 54	650	42	42				1 2 3
LEE CREEK	LEE CREEK G. S.	4116	CRAWFORD	ARKANSAS	35 42	94 19	1000		2				2
LEOLA		4134	GRANT	OUACHITA	34 10	92 35	261		5				2
LITTLE ROCK WB AIRPORT	LITTLE ROCK (AP)	4248	PULASKI	ARKANSAS	34 44	92 14	257	68	68				1 2 3
LITTLE ROCK FILT. PLANT		4250	PULASKI	ARKANSAS	34 46	92 19	512				6/48		2
LOCK AND DAM NO. 3		4256	INDEPENDENCE	WHITE	35 51	91 51	370						2
LOST CORNERS		4324	POPE	WHITE	35 34	92 50	1550				6/48		2
LOUANN		4332	OUACHITA	OUACHITA	33 24	92 48	132		4				2
LURTON		4386	NEWTON	WHITE	35 46	93 05	2007						2
LUTHERVILLE		4390	JOHNSON	ARKANSAS	35 29	93 15	775	51	51				1 2 3
MADISON		4528	ST. FRANCIS	ST. FRANCIS	35 00	90 43	215		17				2
MAGNOLIA	MAGNOLIA (NR)	4548	COLUMBIA	RED	33 17	93 14	315	31	31				1 2 3
MALVERN		4562	HOT SPRINGS	OUACHITA	34 22	92 49	311				6/48		1 2
MAMMOTH SPRING		4572	FULTON	WHITE	36 29	91 32	600	43	43				1 2 3
MARIANNA	MARIANNA (NR)	4638	LEE	ST. FRANCIS	34 44	90 49	234	36	36				1 2 3
MARKED TREE		4654	POINSETT	ST. FRANCIS	35 32	90 25	229	43	43				1 2 3
MARSHALL		4666	SEARCY	WHITE	35 55	92 43	1050	29	29				1 2 3
MARVELL		4678	PHILLIPS	WHITE	34 33	90 55	195						2
MAUMEE		4696	SEARCY	WHITE	36 03	92 39	749		8				2
MELBOURNE		4746	IZARD	WHITE	36 04	91 54	610		3				2
MENA		4756	POLK	OUACHITA	34 35	94 15	1207	59	59				1 2 3
MONTICELLO		4900	DREW	OUACHITA	33 35	91 50	250	7	7				1 2 3
MONTROSE		4906	ASHLEY	OUACHITA	33 18	91 29	125		5				2
MOROBAY LOCK AND DAM	MOROBAY LOCK AND DAM NO. 8	4934	CALHOUN	OUACHITA	33 19	92 27	85		8				2
MORRILTON		4938	CONWAY	ARKANSAS	35 08	92 44	328	31	31				1 2 3
MOUNT IDA 1	MOUNT IDA	4988	MONTGOMERY	OUACHITA	34 33	93 37	702	48	48				1 2 3
MOUNT IDA 2	MOUNT IDA	4990	MONTGOMERY	OUACHITA	34 33	93 37	-		4				2
MOUNT MAGAZINE		5010	LOGAN	ARKANSAS	35 10	93 41	2800	0	0		8/48		1 2 3
MOUNTAIN HOME		5036	BAXTER	WHITE	36 20	92 30	800	35	35				1 2 3
MOUNTAIN VIEW		5046	STONE	WHITE	35 52	92 07	768		8				2
MOUNTAINBURG		5056	CRAWFORD	ARKANSAS	35 38	94 10	736		10				2
MULBERRY		5072	FRANKLIN	ARKANSAS	35 34	94 01	500		8				2
MURFREESBORO		5078	PIKE	OUACHITA	34 04	93 41	367		8				2
NASHVILLE		5112	HOWARD	RED	33 58	93 51	350	9	9				1 2 3
NASHVILLE SCS	NASHVILLE SCS 1-R	5114	HOWARD	RED	33 57	93 51	373		4				2
NATHAN 4 MI. NW		5158	HOWARD	OUACHITA	34 07	93 52	550		0		6/48		2
NEWHOPE		5174	PIKE	OUACHITA	34 14	93 50	850		8				2
NEWPORT		5186	JACKSON	WHITE	35 36	91 17	225	64	64				1 2 3
NIMROD DAM		5200	PERRY	ARKANSAS	34 57	93 10	470	6	6				1 2 3 4
NORFORK DAM		5228	BAXTER	WHITE	36 15	92 15	425	2	7				1 2 3 4
OARK		5344	JOHNSON									6/48	
ODELL		5354	WASHINGTON	ARKANSAS	35 48	94 24	1500						2
ODEN		5358	MONTGOMERY	OUACHITA	34 38	93 48	800		20				2
OKAY		5376	HOWARD	RED	33 44	93 56	300	19	19				1 2 3
OSCEOLA		5480	MISSISSIPPI	MISSISSIPPI	35 43	89 58	250		47				2
OWENSVILLE		5498	SALINE	OUACHITA	34 27	92 49	500		4				2
OZARK		5508	FRANKLIN	ARKANSAS	35 29	93 50	396	52	52				1 2 3
PARAGOULD		5562	GREEN	ST. FRANCIS	36 04	90 29	275	24	24				1 2 3
PARKIN		5586	CROSS	ST. FRANCIS	35 16	90 35	222		17				2
PARTHENON		5602	NEWTON	ARKANSAS	35 57	93 15	925		8				2
PERRYVILLE		5694	PERRY	ARKANSAS	35 00	92 49	325	8	8				1 2 3
PINE BLUFF		5754	JEFFERSON	ARKANSAS	34 12	92 00	215	60	60				1 2 3
PINE BLUFF C. A. A.	PINE BLUFF AP, 3 MI. N.	5756	JEFFERSON	ARKANSAS	34 15	92 00	215						2
PINE RIDGE		5760	MONTGOMERY	OUACHITA	34 35	93 54	840		23				2
POCAHONTAS		5820	RANDOLPH	WHITE	36 16	90 59	330	54	54				1 2 3
PORTLAND		5866	ASHLEY	OUACHITA	33 14	91 30	122	41	41				1 2 3
PRESCOTT		5908	NEVADA	OUACHITA	33 48	93 23	318	59	59				1 2 3
PRESCOTT S C S	PRESCOTT	5910	NEVADA	OUACHITA	33 48	93 23	-		7				2
PYATT	PYATT (NR)	5970	MARION	WHITE	36 16	92 51	800		6				2
RATCLIFF		6008	LOGAN	ARKANSAS	35 18	93 53	463		3				2
RAVANA		6016	MILLER	RED	33 04	94 02	250		8				2
RED STAR		6078	MADISON	WHITE	35 51	93 31	2250		5				2
REMMEL DAM		6102	HOT SPRING	OUACHITA	34 26	92 54	-		8				2
RISON		6174	CLEVELAND	OUACHITA	33 48	92 11	231		32		6/48		2
ROCKHOUSE		6214	MADISON	WHITE	36 17	93 40	1214		2				2
ROGERS		6248	BENTON	WHITE	36 18	94 02	1387	57	57				1 2 3
ROSEBUD		6278	FAULKNER	ARKANSAS	35 20	92 04	-						2
RUSSELLVILLE		6352	POPE	ARKANSAS	35 18	93 08	360	35	35				1 2 3 4
SAINT CHARLES		6376	ARKANSAS	WHITE	34 23	91 08	200	14	14				1 2 3
SAINT FRANCIS		6380	CLAY	ST. FRANCIS	36 27	90 08	300		20				2
SEARCY		6506	WHITE	WHITE	35 15	91 44	245	37	37				1 2 3
SHERIDAN		6566	GRANT	OUACHITA	34 27	92 21	290	7	7				1 2 3
SHIRLEY		6586	VAN BUREN	WHITE	35 38	92 17	600		8				2

See reference notes following Station Index.

STATION INDEX

Station	Former station name	Index No.	County	Drainage	Latitude ° '	Longitude ° '	Elevation above mean sea level (feet)	Years of record: Temperature	Years of record: Precipitation	Years of record: Evaporation	Opened or closed during year: Month opened	Opened or closed during year: Month closed	Refer to tables
SILOAM SPRINGS		6624	BENTON	WHITE	36 11	94 33	1150	7	7				1 2 3
SMITHVILLE		6698	LAWRENCE	WHITE	36 05	91 18	450		2				2
SPARKMAN		6768	DALLAS	OUACHITA	33 55	92 48	260		5		6/48		2
STAMPS		6804	LAFAYETTE	RED	33 24	93 27						6/48	
STAR CITY		6820	LINCOLN	OUACHITA	33 57	91 50	250		5		6/48		2
STEVE		6856	YELL	ARKANSAS	34 53	93 19	682		4				2
STORY		6890	MONTGOMERY	OUACHITA	34 42	93 31	650		23				2
STUTTGART		6918	ARKANSAS	ARKANSAS	34 29	91 32	214	60	60				1 2 3
STUTTGART 9 MI. ESE	STUTTGART (NR) (EVAP)	6920	ARKANSAS	ARKANSAS	34 28	91 25	198	12	12				1 2 3 4
SUBIACO		6928	LOGAN	ARKANSAS	35 18	93 39	500	49	49				1 2 3
SUGAR GROVE		6940	LOGAN	ARKANSAS	35 04	93 48	500		8				2
SUGAR LOAF MOUNTAIN		6944	CLEBURNE	WHITE	35 29	91 58	300		3				2
TAYLOR		7038	COLUMBIA	RED	33 06	93 27	247		5				2
TEXARKANA WB AIRPORT	TEXARKANA (AP)	7048	MILLER	RED	33 27	94 00	368	63	63				1 2 3
TICHNOR		7102	ARKANSAS	RED	34 08	91 16						6/48	
TINSMAN		7118	CALHOUN	OUACHITA	33 38	92 21	170		5				2
TURNPIKE		7262	POPE	ARKANSAS	35 40	93 05	2087	23	23				1 2 3
VICK	VICK (NR)	7420	BRADLEY	OUACHITA	33 19	92 09	115		6				2
VIOLA		7450	FULTON	WHITE	36 24	91 59	692		7				2
WALDRON		7488	SCOTT	ARKANSAS	34 54	94 06	675	28	28				1 2 3
WALNUT GROVE		7524	INDEPENDENCE	WHITE	35 51	91 21	250		7				2
WARREN		7582	BRADLEY	OUACHITA	33 36	92 04	206	53	53				1 2 3
WEDINGTON LAKE	LAKE WEDINGTON	7638	WASHINGTON	ARKANSAS	36 06	94 23	1150		3				2
WEST FORK		7694	WASHINGTON	WHITE	35 55	94 11	1340		8				2
WHEELING		7744	FULTON	WHITE	36 19	91 52	680		8				2
WHITE ROCK		7772	FRANKLIN	ARKANSAS	35 41	93 57	2285	11	11				1 2 3
WHITECLIFFS		7812	LITTLE RIVER	RED	33 48	94 03	290						2
WILSON		7912	MISSISSIPPI	MISSISSIPPI	35 34	90 02	237	22	22				1 2 3
WINFREY		7936	CRAWFORD	ARKANSAS	35 44	94 06	1152		8				2
WING		7950	YELL	ARKANSAS	34 57	93 28	350		5				2
WYNNE		8052	CROSS	ST. FRANCIS	35 13	90 46	260	39	39				1 2 3
YELLVILLE		8084	MARION	WHITE	36 13	92 41	900		3				2

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

-	no record.
+	also later dates or months.
//	gage is equipped with a windshield.
B	adjusted to full month.
M	1 to 10 days' record missing; see monthly Climatological Data for detailed daily record.
T	trace, an amount too small to measure.

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